

SERIAL NUMBER:

T7L0-XXXX

CRANE RATING MANUAL 175 AT

**TELESCOPIC BOOM ALL TERRAIN CRANE
42.7' - 197.3' SIX SECTION LATCHING BOOM
HYDRAULIC OFFSET FLY**

For Replacement, Order Part Number: T7P0049
(091719)



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548	Lifting Capacities, 15,200 lb CTWT
549	Lifting Capacities, 19,600 lb CTWT
550	Lifting Capacities, 24,000 lb CTWT
551	Lifting Capacities, 28,400 lb CTWT

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555	Lifting Capacities, 6,400 lb CTWT
556	Lifting Capacities, 10,800 lb CTWT
557	Lifting Capacities, 15,200 lb CTWT
558	Lifting Capacities, 19,600 lb CTWT
559	Lifting Capacities, 24,000 lb CTWT
560	Lifting Capacities, 28,400 lb CTWT
561	Lifting Capacities, 32,800 lb CTWT
562	Lifting Capacities, 37,200 lb CTWT
563	Lifting Capacities, 41,600 lb CTWT
564	Lifting Capacities, 46,000 lb CTWT
565	Lifting Capacities, 54,800 lb CTWT
566	Lifting Capacities, 63,600 lb CTWT
567	Lifting Capacities, 72,400 lb CTWT
568	Lifting Capacities, 81,200 lb CTWT
569	Lifting Capacities, 90,000 lb CTWT



WARNING

READ AND UNDERSTAND THE OPERATORS AND SAFETY MANUALS AND THE FOLLOWING INSTRUCTIONS AND RATED LIFTING CAPACITIES BEFORE OPERATING THE CRANE. OPERATION WHICH DOES NOT FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN ACCIDENT.

Operating Instructions

General:

1. Rated lifting capacities in pounds as shown on lift charts pertain to this crane as originally manufactured and normally equipped by Link-Belt Cranes. Modifications to the crane or use of optional equipment other than that specified can result in a reduction in capacity.
2. Construction equipment can be dangerous if improperly operated or maintained. Operation and maintenance of this crane must be in compliance with the information in the Operator's, Parts, and Safety Manuals supplied with this crane. If these manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with this crane shall read and fully understand the latest applicable American National Standards Institute (ANSI) and American Society of Mechanical Engineers (ASME) safety standards for cranes.
4. All rated lifting capacities listed in this Crane Rating Manual are in compliance with ANSI/ASME B30.5, SAE J1063, and SAE J765 in effect at the time of manufacture.
5. The rated lifting capacities are based on crane standing level on firm supporting surface.

Set Up:

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger pontoons or tires to spread the load to a larger bearing surface.
2. When making lifts on outriggers, all tires must be free of supporting surface. All outrigger beams must be extended equally or in accordance with V-CALC operation. Refer to V-CALC (Variable Confined Area Lifting Capacities).
3. When making lifts on tires, they must be inflated to the recommended pressure. (See "Tire Inflation".)
4. Loss of backward stability can occur causing a backward tipping condition. Refer to "Backward Stability" before operating crane.
5. When on tires with 0 lb counterweight, the boom can only be lowered to 0° with boom centered over front. Do not swing with any counterweight installed on upper.
6. When on retracted outriggers, the boom can only be lowered to 0° when over front or over rear.

7. The weight of the auxiliary winch is taken into account as a part of the counterweight. Therefore the auxiliary winch, or auxiliary counterweight, must always be attached on the upper for crane operation with counterweight combinations of 6,400 lb and more. When operating with only the auxiliary winch or auxiliary counterweight attached, use the 0 lb counterweight capacities.
8. For required parts of line, see "Wire Rope Capacity Chart" and "Winch Performance".
9. Before setting up the crane, refer to "Allowable Crane Configurations" and rated lifting capacities to determine allowable crane configurations.

Operation:

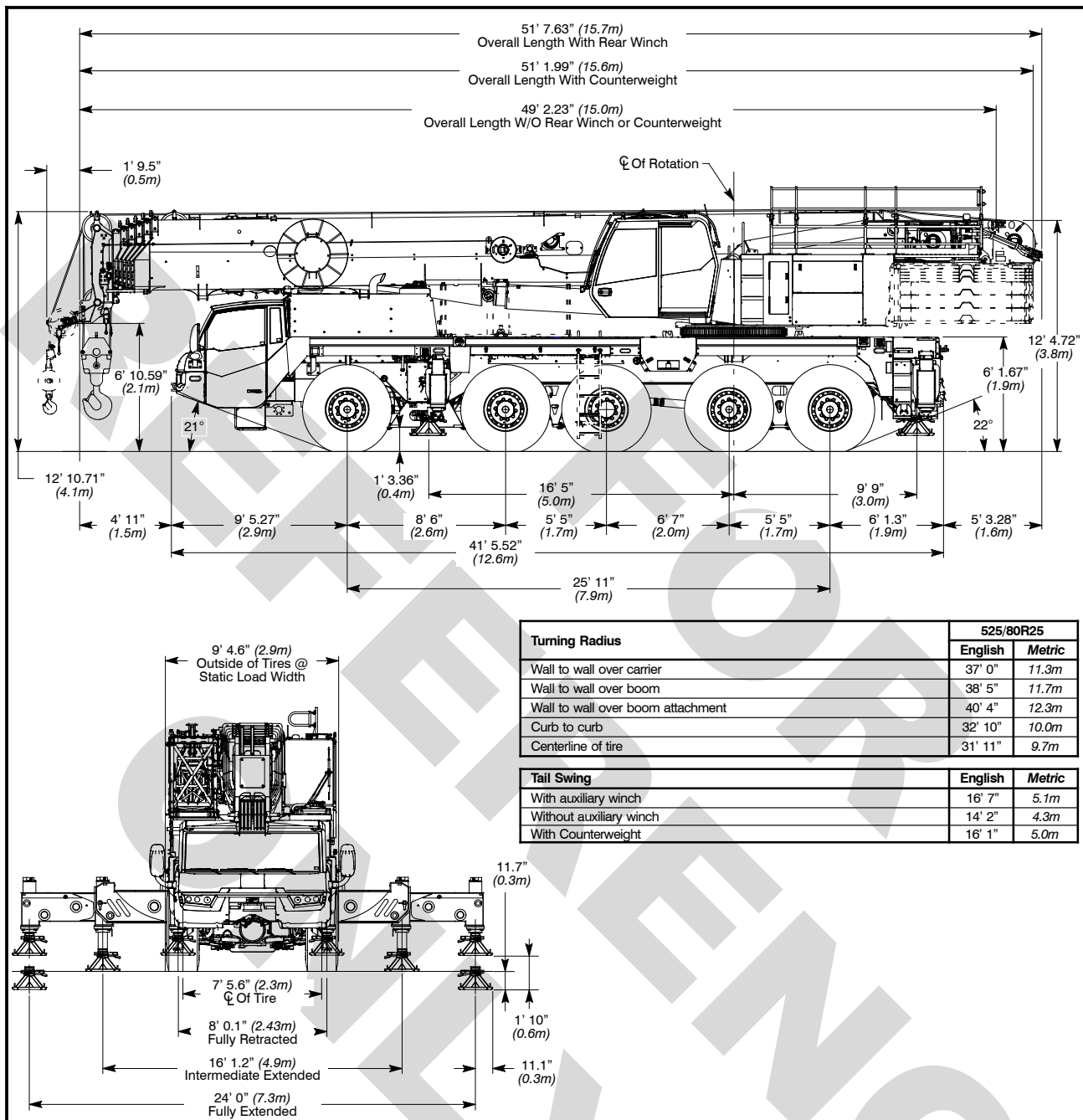
1. Rated lifting capacities at rated radius shall not be exceeded. Do not tip the crane to determine allowable loads.
2. Rated lifting capacities shall be reduced for repetitive lift applications. For concrete bucket operation, weight of bucket and load shall not exceed 80% of rated load. For duty cycle operation, such as loading and unloading, maximum allowable load shall not exceed 70% of rated load. For clamshell and magnet operation, weight of bucket or magnet, and load shall not exceed 70% of rated load, also reduce the wire rope capacity to 70% of maximum to reduce stress on the nylon sheaves. Lifts with fly erected are prohibited for clamshell and magnet operation.
3. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads. Rated lifting capacities shown on intermediate extended or fully retracted outriggers are determined by the formula, rated load = (tipping load - 0.1 X load factor)/1.25. Rated lifting capacities shown on tires do not exceed 75% of the tipping loads.
4. Rated lifting capacities in the shaded areas are governed by factors other than those that would cause a tipping condition.
5. Rated lifting capacities must deduct the weight of the hook block, hook ball, slings, bucket, magnet, auxiliary lifting devices, etc. to obtain the net load that can be lifted. Their weights are considered part of the lifted load. Rated lifting capacities include the deduct for fly stowed on the base of the boom. For deducts of any fly erected, but not used, see "Capacity Deductions".
6. Rated lifting capacities are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.

7. Rated lifting capacities are for lift crane service only.
8. Do not operate at radii or boom lengths (minimum or maximum) where capacities are not listed. At these positions, the crane can tip or cause boom failure.
9. The maximum loads which can be telescoped are not definable because of variation in loadings and crane maintenance, but it is permissible to attempt retraction and extension within the limits of the applicable load rating chart.
10. Lifting capacities are based on fixed boom lengths. The rated capacities as shown on the load rating charts are available only when the boom sections are pinned. For boom lengths between those shown, the capacity is determined by the capacity at the shorter boom length, the capacity at the longer boom length, or the unpinned capacity for the longer boom length, whichever is smallest.
11. When the load radius is between those listed, use rating for the next larger radius.
12. The user shall operate at reduced ratings to allow for adverse job conditions such as: soft or uneven ground, out of level conditions, wind, side loads, pendulum action, jerking, or sudden stopping of loads, hazardous conditions, experience of personnel, traveling with loads, electrical wires, etc. Side load on boom and/or fly is dangerous and shall be avoided.
13. Rated lifting capacities do not account for the effects of excessive wind on a suspended load or boom. See "Wind Speed Restrictions" chart for allowed wind speed operation and appropriate capacity reduction.
14. For cold weather operation, rated capacities should be reduced by the following rule: a 1% reduction in rated capacity should be taken for each 1°F below 0°F. Example: if the temperature is - 10°F a 10% reduction in rated capacities should be taken, at - 40°F a 40% reduction.
15. Heat from the sun only on one side of the boom may cause a temperature differential between the sides of the boom. The thermal effects may cause the boom to distort (bend to one side) creating a side load on the boom and/or fly. Side loading is dangerous and shall be avoided. Refer to the Operator's Manual for more instructions.
16. For auxiliary lifting sheave capacities, use main boom charts minus auxiliary lifting sheave deduct. Refer to Capacity Deductions. The effective length of the boom increases by 2'.
17. Rated lifting capacities on tires depend on tire capacity, condition of tires, and tire air pressure. On tire capacities require lifting from main boom head only with the crane supported on a smooth, firm, and level surface. Lifts on tires with fly erected are prohibited. For correct tire pressure, see "Tire Inflation".
18. Rated lifting capacities are based on correct reeving. A deduction must be made for excessive reeving. Any reeving over minimum required is considered excessive and must be accounted for when making lifts. Use the Working Range Diagram to estimate the extra length of rope, then deduct the required rope weight (listed on the Wire Rope Capacity Chart) for the extra length of wire rope before attempting to lift a load.
19. The loaded boom angle combined with the boom length gives only an approximation of the operating radius. The boom angle, before loading, should be greater to account for deflection. Some capacities are limited by a maximum obtainable 80° boom angle.
20. Lifting capacities for the fly are based on offset ranges to give operators the most flexibility and simplicity of load chart.
21. Do not lift or suspend two separate loads at the same time.
22. Store or remove the auxiliary lifting sheave before using the 10' fly. The rope can contact the auxiliary lifting sheave.
23. Do not lift loads with the fly at boom angles less than the offset angle of the fly. Capacities shown at 0° boom angle are for rigging purposes only. Example: Minimum boom angle for lifting loads with 45° offset is 45°.
24. Do not suspend or hold a load with wire rope tension near maximum wire rope capacity for a long period of time. High rope tension for long durations can cause nylon sheave damage.

Definitions:

1. Loaded Boom Angle In Degrees: The angle between the boom base section and horizontal with freely suspended load at the rated radius.
2. Load Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of the vertical hoist line or tackle with load applied.
3. Working Area: Area measured in a circular arc about the centerline of rotation as shown on the Working Areas Diagram.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.
6. No Load Stability Limit: The radius or boom angle beyond which it is not permitted to position the boom because the crane can overturn without any load on the hook.
7. Load Factor: Load applied at the boom tip which gives the same moment effect as the boom mass.

General Dimensions



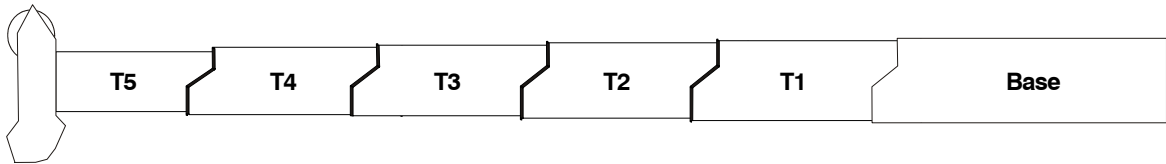
Tire Inflation

Tire Size	Operation	Tire Pressure (psi)
525/80R 25	Stationary	102
445/95R 25		131

Pontoon Loadings

Maximum Pontoon Load (lb)	Maximum Pontoon Ground Bearing Pressure (psi)
196,000 - Rear (Base Rating)	508
180,000 - Rear	468
130,000 - Front	338

Boom Extend Modes



EM 1	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	71.9	21.91	100%				
	101.9	31.07	100%	100%			
	132.8	40.49	100%	100%	100%		
	164.6	50.18	100%	100%	100%	100%	
	180.0	54.86	100%	100%	100%	100%	47%
	197.3	60.13	100%	100%	100%	100%	100%

EM 2	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	57.3	17.47	50%				
	87.4	26.63	50%	100%			
	118.3	36.05	50%	100%	100%		
	150.1	45.74	50%	100%	100%	100%	
	165.0	50.29	50%	100%	100%	100%	46%
	182.7	55.69	50%	100%	100%	100%	100%

EM 3	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	71.9	21.91	100%				
	101.9	31.07	100%	100%	0%		
	117.4	35.78	100%	100%	50%		
	133.3	40.62	100%	100%	50%	50%	
	150.0	45.27	100%	100%	50%	50%	51%
	165.9	50.57	100%	100%	50%	50%	100%

EM 4	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	71.9	21.91	100%				
	86.9	26.49	100%	50%			
	102.4	31.20	100%	50%	50%		
	118.3	36.04	100%	50%	50%	50%	
	135.0	41.15	100%	50%	50%	50%	51%
	150.9	45.99	100%	50%	50%	50%	100%

EM 5	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	57.3	17.47	50%				
	72.3	22.05	50%	50%			
	87.8	26.76	50%	50%	50%		
	103.7	31.60	50%	50%	50%	50%	
	120.0	36.58	50%	50%	50%	50%	50%
	136.3	41.55	50%	50%	50%	50%	100%

EM 6	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	57.8	17.61		50%			
	73.2	22.32		50%	50%	0%	
	89.1	27.16		50%	50%	50%	50%
	105.4	32.00		50%	50%	50%	49%
	121.8	37.11		50%	50%	50%	100%

EM 7	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	42.7	13.03					
	58.2	17.74			50%		
	74.1	22.58			50%	50%	
	90.4	27.56			50%	50%	50%
	106.7	32.53			50%	50%	100%

Boom Mode Performance - General Reference Guide

Radius (ft)	37,200 lb Counterweight								
	Boom Length (ft)								
	57.3-58.2	71.9-74.1	86.9-90.4	101.9-106.7	117.4-121.8	132.8-136.3	150.0-150.9	164.6-165.9	180-182.7
	Best Boom Mode at Radius								
10									
12									
15	EM6	EM7							
20			EM7						
25				EM6	EM6	EM5			
30		EM6	EM5	EM5	EM5	EM4			
35	EM5			EM4	EM4	EM3	EM2		
40									
45		EM5							
50									
55			EM4						
60									
65				EM3					
70									
75					EM3				
80						EM2	EM3		
85								EM1	
90									EM1
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
155									
160									
165									
170									

Radius (ft)	90,000 lb Counterweight								
	Boom Length (ft)								
	57.3-58.2	71.9-74.1	86.9-90.4	101.9-106.7	117.4-121.8	132.8-136.3	150.0-150.9	164.6-165.9	180.0-182.7
	Best Boom Mode at Radius								
10									
12									
15									
20	EM6								
25		EM7							
30									
35				EM7				EM5	
40									
45	EM5				EM6				
50		EM6							
55		EM5							
60									
65				EM5					
70									
75					EM5				
80						EM4			
85							EM4		
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
155									
160									
165									
170									EM1

Winch Performance

Wire Rope Layer	Winch Line Pulls		Drum Rope Capacity (ft)	
	Two Speed Winch			
	Low Speed	High Speed	Layer	Total
	Available (lb*)	Available (lb)		
1	23,622	12,984	144	144
2	21,606	11,876	157	300
3	19,908	10,943	170	471
4	18,457	10,145	184	654
5	17,203	9,456	197	852
6	16,109	8,855	210	1,062
*Maximum lifting capacity: Type KC Rope= 16,000 lb, Type YB Rope= 16,000 lb, Type CC Rope= 17,160 lb				

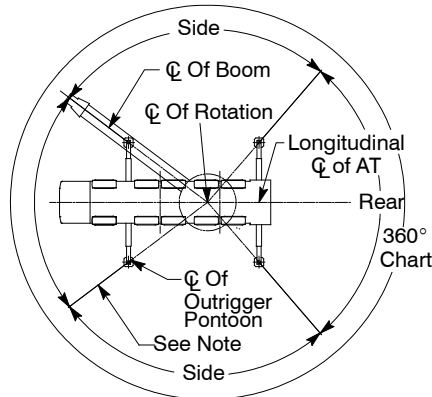
Wire Rope Capacity Chart

Maximum Lifting Capacities Based On Wire Rope Strength			
Parts of Line	19mm	19mm	19mm
	Type KC	Type YB	Type CC
1	16,000	16,000	17,160
2	32,000	32,000	34,320
3	48,000	48,000	51,480
4	64,000	64,000	68,640
5	80,000	80,000	85,800
6	96,000	96,000	102,960
7	112,000	112,000	120,120
8	128,000	128,000	137,280
9	144,000	144,000	154,440
10	160,000	160,000	171,600
11	176,000	176,000	188,760
12	192,000	192,000	205,920
13	208,000	208,000	223,080
14	224,000	224,000	240,240
18	288,000	288,000	308,880
21	336,000	336,000	360,360
Rope Weight - Pounds Per Foot	1.2	1.2	1.2
Rope Type	Description		
KC	37 X 7, Category 1, E.E.I.P.S., Right Lang Lay, Galvanized		
YB	34 X 7 Category 1, E.E.I.P.S., Right Lang Lay		
CC	35 X 7 Category 1, E.E.I.P.S., Right Lang Lay		

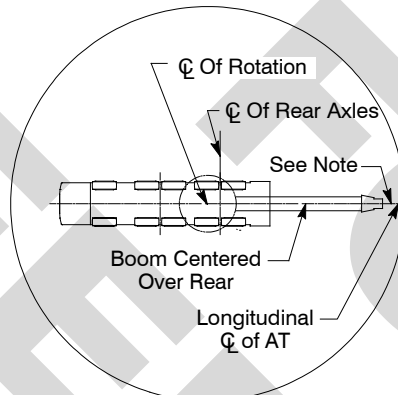
Notes:

- Capacities shown are in pounds and working loads must not exceed the ratings on the capacity charts in this Crane Rating Manual.
- Capacity deducts for auxiliary lifting devices do not apply for wire rope strength capacities.
- Special reeving, using the auxiliary sheave, is required when using more than 12 parts of line. Special equipment is required for greater than 14 part of line.
- Consult Operator's Manual for wire rope inspection procedures, single part of line applications, and reeving diagrams.

Working Areas



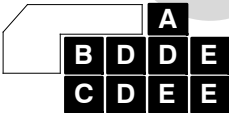
AT On Outriggers



AT On Tires

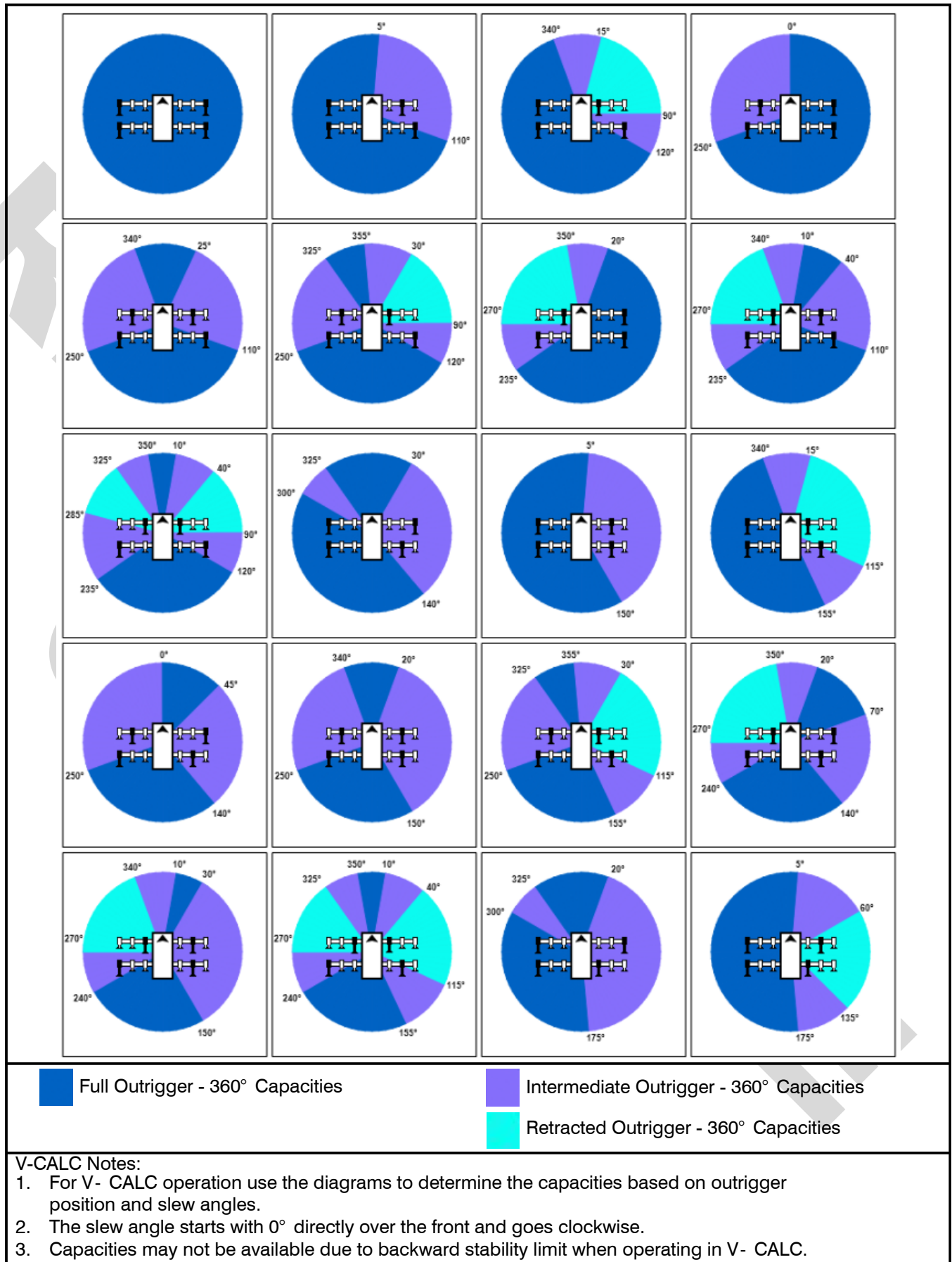
Note: These Lines Determine The Limiting Position Of Any Load For Operation Within Working Areas Indicated.

Backward Stability - Maximum Boom Angle

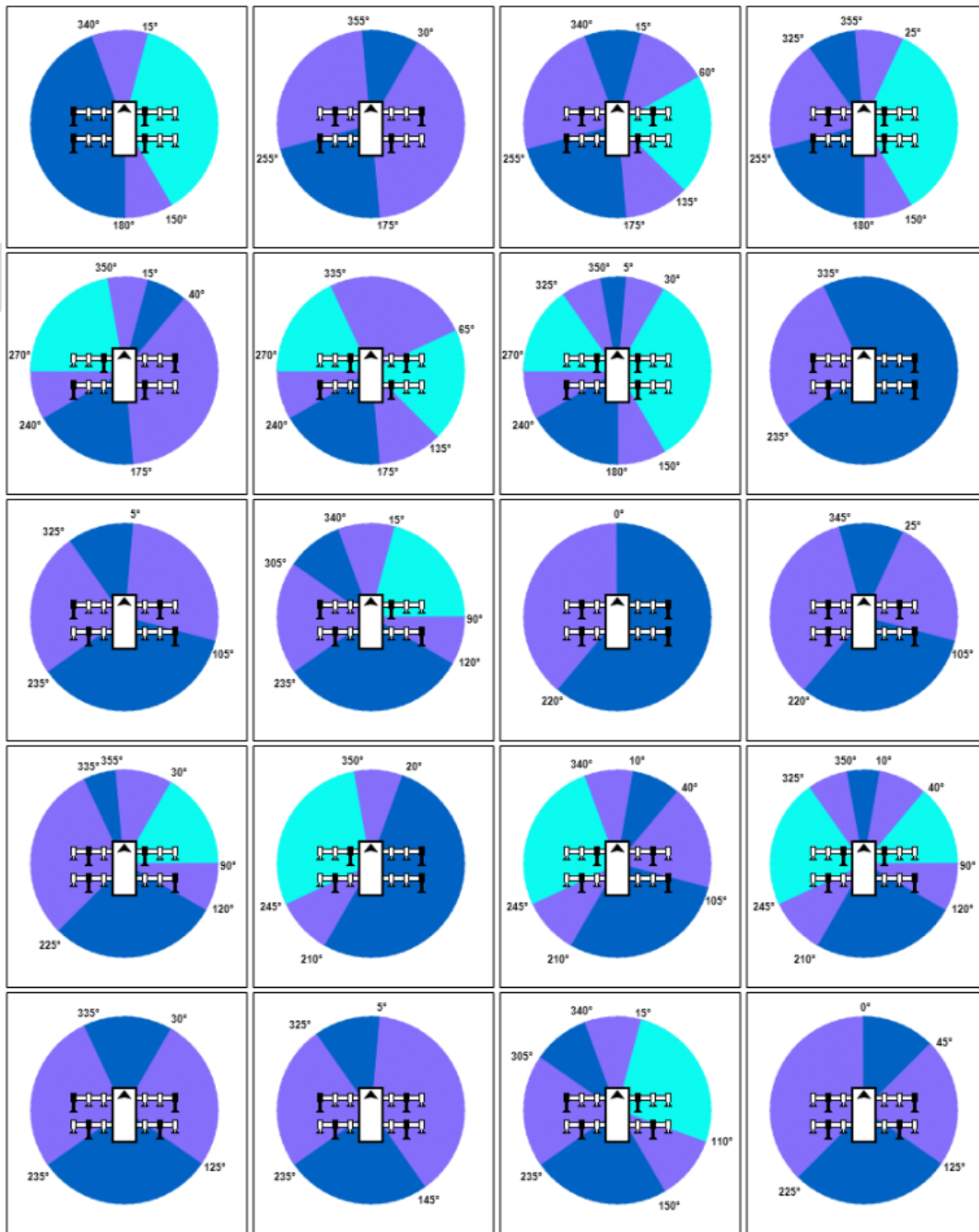
				
Counterweight (lb)	Outrigger Position			
	On Tires	Retracted	Intermediate	Full
0	63°	81°	81°	81°
6,400	56°	81°		
10,800	48°	79°		
15,200	39°	75°		
19,600	27°	71°		
24,000	N/A	67°		
28,400		62°		
32,800		58°		
37,200		53°		
41,600		48°		
46,000		42°		
54,800		28°		
63,600		N/A	77°	
72,400			72°	
81,200			66°	
90,000			60°	
Maximum boom angle is based on retracted boom at the least stable over side position.				

Maximum boom angle is based on retracted boom at the least stable over side position.

V-CALC (Variable Confined Area Lifting Capacities)



V-CALC (Variable Confined Area Lifting Capacities)



Full Outrigger - 360° Capacities

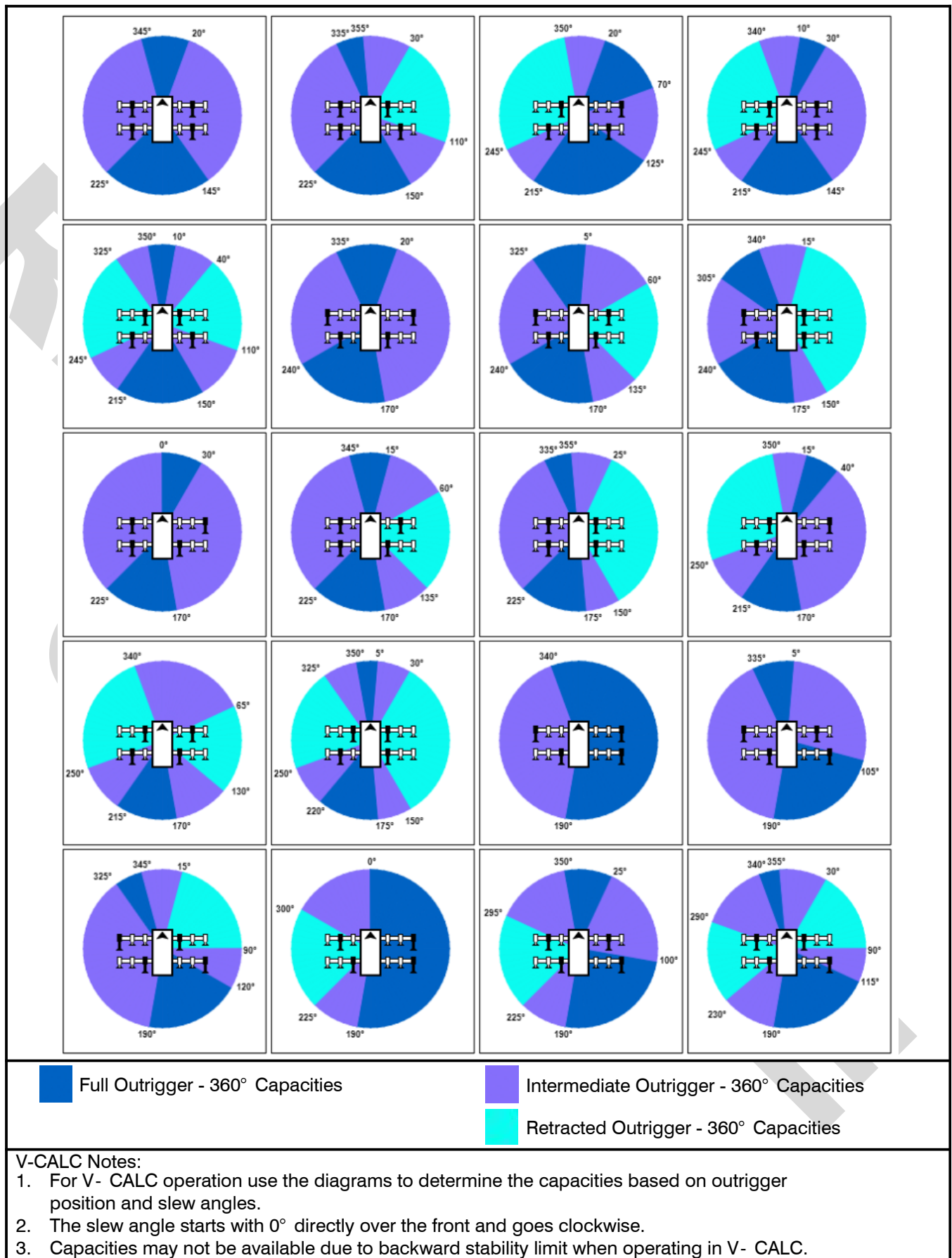
Intermediate Outrigger - 360° Capacities

Retracted Outrigger - 360° Capacities

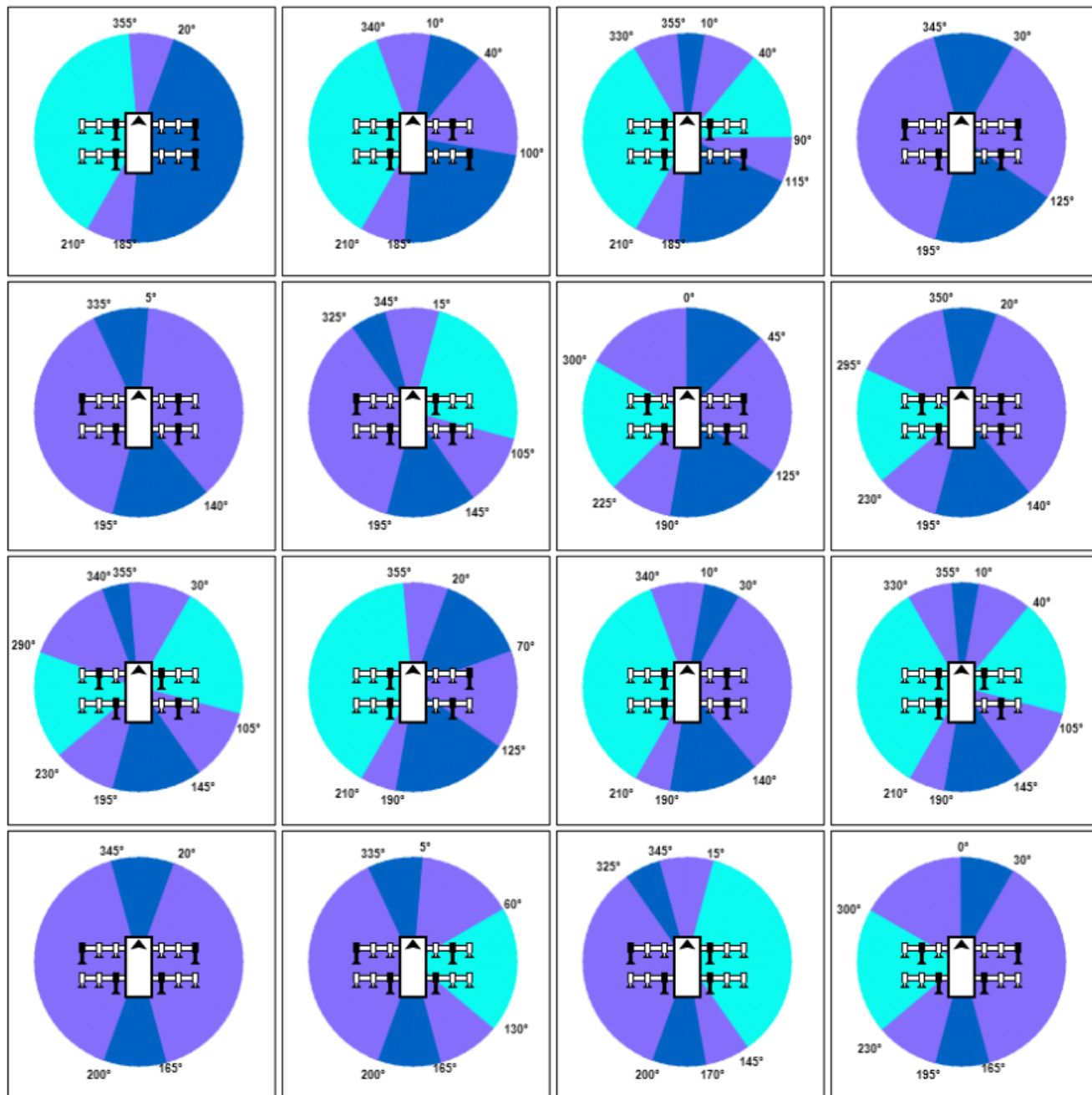
V-CALC Notes:

1. For V- CALC operation use the diagrams to determine the capacities based on outrigger position and slew angles.
2. The slew angle starts with 0° directly over the front and goes clockwise.
3. Capacities may not be available due to backward stability limit when operating in V- CALC.

V-CALC (Variable Confined Area Lifting Capacities)



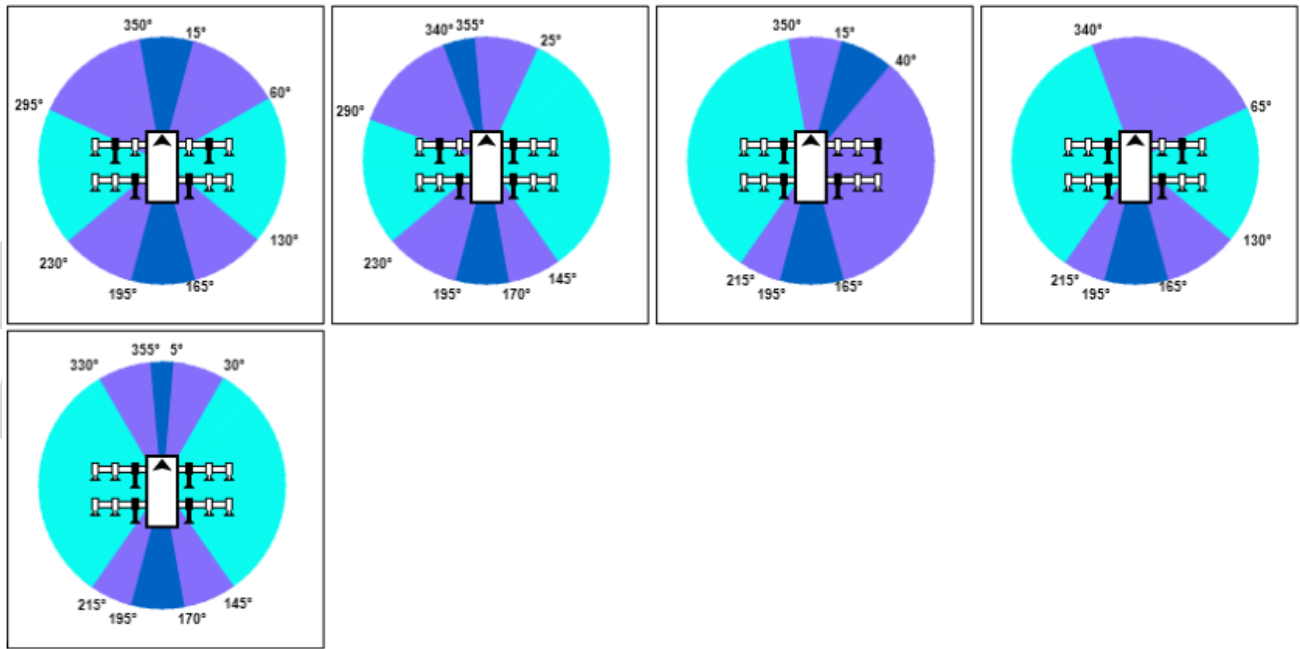
V-CALC (Variable Confined Area Lifting Capacities)



V-CALC Notes:

1. For V- CALC operation use the diagrams to determine the capacities based on outrigger position and slew angles.
2. The slew angle starts with 0° directly over the front and goes clockwise.
3. Capacities may not be available due to backward stability limit when operating in V- CALC.

V-CALC (Variable Confined Area Lifting Capacities)



 Full Outrigger - 360° Capacities

 Intermediate Outrigger - 360° Capacities

 Retracted Outrigger - 360° Capacities

V-CALC Notes:

1. For V- CALC operation use the diagrams to determine the capacities based on outrigger position and slew angles.
2. The slew angle starts with 0° directly over the front and goes clockwise.
3. Capacities may not be available due to backward stability limit when operating in V- CALC.

Capacity Deductions

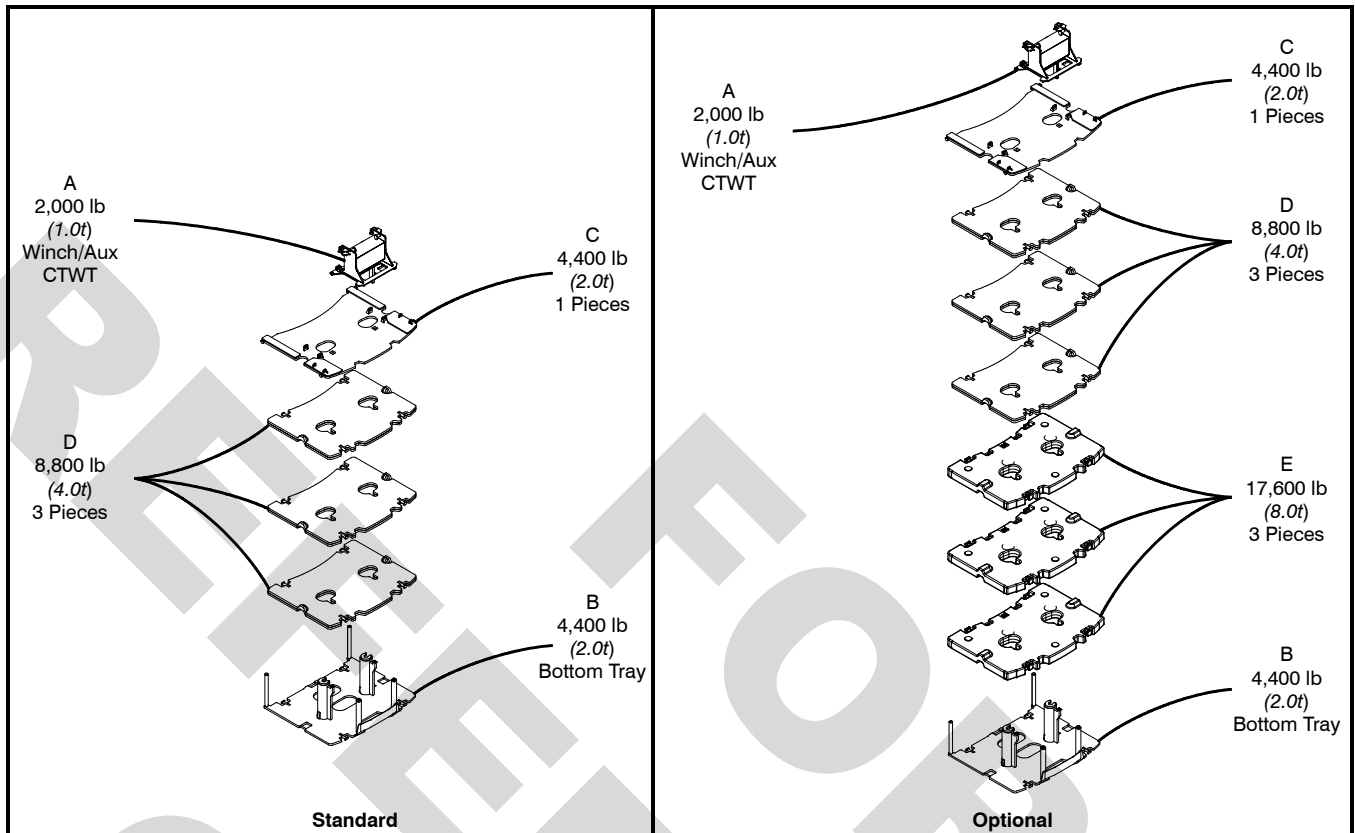
Load Handling Equipment	Weight (lb)	
27 Ton Quick Reeve 1 Sheave Hook Block (See Hook Block For Actual Weight)	667 - 1,042	
60 Ton Quick Reeve 3 Sheave Hook Block (See Hook Block For Actual Weight)	1,002 - 1,560	
88 Ton Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	1,335 - 1,885	
110 Ton Quick Reeve 6 Sheave Hook Block (See Hook Block For Actual Weight)	1,763 - 1,944	
176 Ton Quick Reeve 10 Sheave Hook Block (See Hook Block For Actual Weight)	3,432	
10 Ton Hook Ball (See Hook Ball For Actual Weight)	550	
Auxiliary Lifting Devices	Weight (lb)	
Auxiliary Lifting Sheave Attached	100	
Lifting From Main Boom With:	Boom Length (ft)	
	42.7-115.0	115.1-197.3
10', 32.5', 55' Fly Stowed on Boom Base (See Operation Note 5)	0	0
10' Offset Fly Erected But Not Used (With Boom Modes EM1 thru EM7)	4,000	2,700
32.5' Offset Fly Erected But Not Used (With Boom Modes EM1 and EM2)	13,400	5,400
55' Offset Fly Erected But Not Used (With Boom Modes EM1 and EM2)	24,200	8,600
73' Offset Fly Erected But Not Used	Prohibited	Prohibited
91' Offset Fly Erected But Not Used	Prohibited	Prohibited
109' Offset Fly Erected But Not Used	Prohibited	Prohibited
Lifting From 10' or 32.5' Fly With:		
22.5' Fly Center Erected But Not Used	Prohibited	Prohibited
22.5' Fly Tip Erected But Not Used	Prohibited	Prohibited
22.5' Fly Tip Stowed On 32.5' Fly	Prohibited	Prohibited
Note: Capacity deductions are for Link-Belt supplied equipment only.		

Minimum Hook Block/Ball Overhaul Weight

Parts of Line	Boom Length (ft)										
	42.7	57.3-58.2	71.9-74.1	86.9-90.4	101.9-106.7	117.4-121.8	132.8-136.3	150.0-150.9	164.6-165.9	180.0-182.7	197.3
	Minimum Overhaul Weight (lb)										
1	125	125	150	175	200	225	225	250	275	300	300
2	225	275	300	350	400	425	475	500	550	575	625
3	350	400	475	525	600	650	700	750	825	875	950
4	450	550	625	700	800	875	950	1,025	1,125	1,200	1,275
5	575	675	800	900	1,025	1,125	1,200	1,300	1,425	1,525	
6	700	825	975	1,100	1,225	1,350	1,475	1,600			
7	850	1,000	1,150	1,300	1,475	1,625					
8	975	1,150	1,325	1,525	1,700						
9	1,125	1,325	1,525	1,750							
10	1,250	1,500	1,725	1,975							
11	1,400	1,675	1,925								
12	1,575	1,850	2,150								
13	1,725	2,050									
14	1,900										
18	2,600										
21	3,200										

Reeving configurations below the bold line could require more rope than is available.

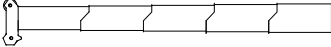
Allowable Crane Configurations - Counterweights



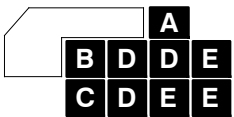
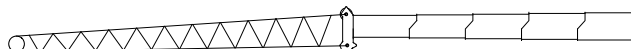
Counterweight Packages			37,200 lb (17.0t) - Standard									
			90,000 lb (41.0t) - Optional									
Counterweight Modules			A 2,000 lb (1.0t)	B 4,400 lb (2.0t)	C 4,400 lb (2.0t)	D 8,800 lb (4.0t)	D 8,800 lb (4.0t)	D 8,800 lb (4.0t)	E 17,600 lb (8.0t)	E 17,600 lb (8.0t)	E 17,600 lb (8.0t)	
Counterweight Usage Configurations	0/A	0/2,000 lb (0/1.0t)	X									
	A,B	6,400 lb (3.0t)	X	X								
	A,B,C	10,800 lb (5.0t)	X	X	X							
	A,B,D	15,200 lb (7.0t)	X	X		X						
	A,B,C,D	19,600 lb (9.0t)	X	X	X	X						
	A,B,E	24,000 lb (11.0t)	X	X					X			
	A,B,C,D,D	28,400 lb (13.0t)	X	X	X	X	X					
	A,B,D,E	32,800 lb (15.0t)	X	X		X			X			
	A,B,C,D,E	37,200 lb (17.0t)	X	X	X	X			X			
	A,B,E,E	41,600 lb (19.0t)	X	X					X	X		
	A,B,C,D,D,E	46,000 lb (21.0t)	X	X	X	X	X		X			
	A,B,C,D,E,E	54,800 lb (25.0t)	X	X	X	X			X	X		
	A,B,C,D,D,E,E	63,600 lb (29.0t)	X	X	X	X	X		X	X		
	A,B,C,D,E,E,E	72,400 lb (33.0t)	X	X	X	X			X	X	X	
	A,B,C,D,D,E,E,E	81,200 lb (37.0t)	X	X	X	X	X		X	X	X	
	A,B,C,D,D,D,E,E,E,E	90,000 lb (41.0t)	X	X	X	X	X	X	X	X	X	X

Note: Counterweight "E" can be used in place of two "D" weights.

Allowable Crane Configurations - Main Boom

								
		Boom Length (ft)						
Outrigger Position	Counterweight (lb)	EM 1	EM 2	EM 3	EM 4	EM 5	EM 6	EM 7
Full	0	42.7-180	42.7-165					
	6,400							
	10,800							
	15,200							
	19,600							
	24,000							
	28,400							
	32,800							
	37,200	42.7-197.3	42.7-182.7	42.7-165.9	42.7-150.9	42.7-136.3	42.7-121.8	42.7-106.7
	41,600							
	46,000							
	54,800							
	63,600							
	72,400							
	81,200							
	90,000							
Intermediate	0					42.7-103.7	42.7-89.1	42.7-90.4
	6,400	42.7-132.8	42.7-118.3	42.7-133.3	42.7-118.3			
	10,800					42.7-120	42.7-105.4	
	15,200				42.7-135			
	19,600		42.7-150.1	42.7-150				
	24,000	42.7-164.6						
	28,400							
	32,800		42.7-165					
	37,200	42.7-180						
	41,600							
	46,000							
	54,800							
	63,600	42.7-197.3	42.7-182.7	42.7-165.9	42.7-150.9	42.7-136.3	42.7-121.8	42.7-106.7
	72,400							
	81,200							
	90,000	Prohibited						
Retracted	0	42.7-71.9	Prohibited					
	6,400- 28,400	42.7-101.9						
	32,800- 90,000							
On Tires	0- 10,800	EM1 42.7-71.9	Prohibited					
	15,200- 90,000	42.7-101.9						

Allowable Crane Configurations - Main Boom + Attachments

							
Outrigger Position	Counterweight (lb)	Boom Length (ft)					
		10' Fly	32.5' Fly	55' Fly	73' Fly	91' Fly	109' Fly
		EM1 - EM7	EM1, EM2				
Full	0	EM1 - EM7*	Prohibited				
	6,400						
	10,800						
	15,200						
	19,600		EM1 42.7- 164.6 EM2 42.7- 165				
	24,000		EM1 42.7- 180 EM2 42.7- 165				
	28,400 - 41,600						
	46,000 - 90,000		EM1 42.7- 197.3 EM2 42.7- 182.7				
Intermediate	0	EM1 - EM7*	Prohibited				
	6,400						
	10,800						
	15,200						
	19,600						
	24,000						
	28,400						
	32,800						
	37,200						
	41,660						
	46,000						
	54,800						
	63,600		EM1 42.7- 197.3 EM2 42.7- 182.7				
	72,400						
	81,200						
90,000							
Retracted	0- 90,000	Prohibited					
On Tires	0- 90,000	Prohibited					

* The 10' fly is charted at the same boom lengths and boom modes as the main boom charts.

Wind Restrictions

Capacity Reduction	Maximum Wind Speed (mph)					
	Main Boom			10' Fly		
	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'
Normal Operation	27	23	18	27	20	15
40%	33	31	27	33	29	22
70%	39	39	35	39	39	29
Prohibited	40+	40+	36+	40+	40+	30+

Capacity Reduction	Maximum Wind Speed (mph)					
	32.5' Fly			55' Fly		
	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'
Normal Operation	24	20	15	23	18	15
40%	32	29	22	31	27	22
70%	39	39	29	39	35	29
Prohibited	40+	40+	30+	40+	36+	30+

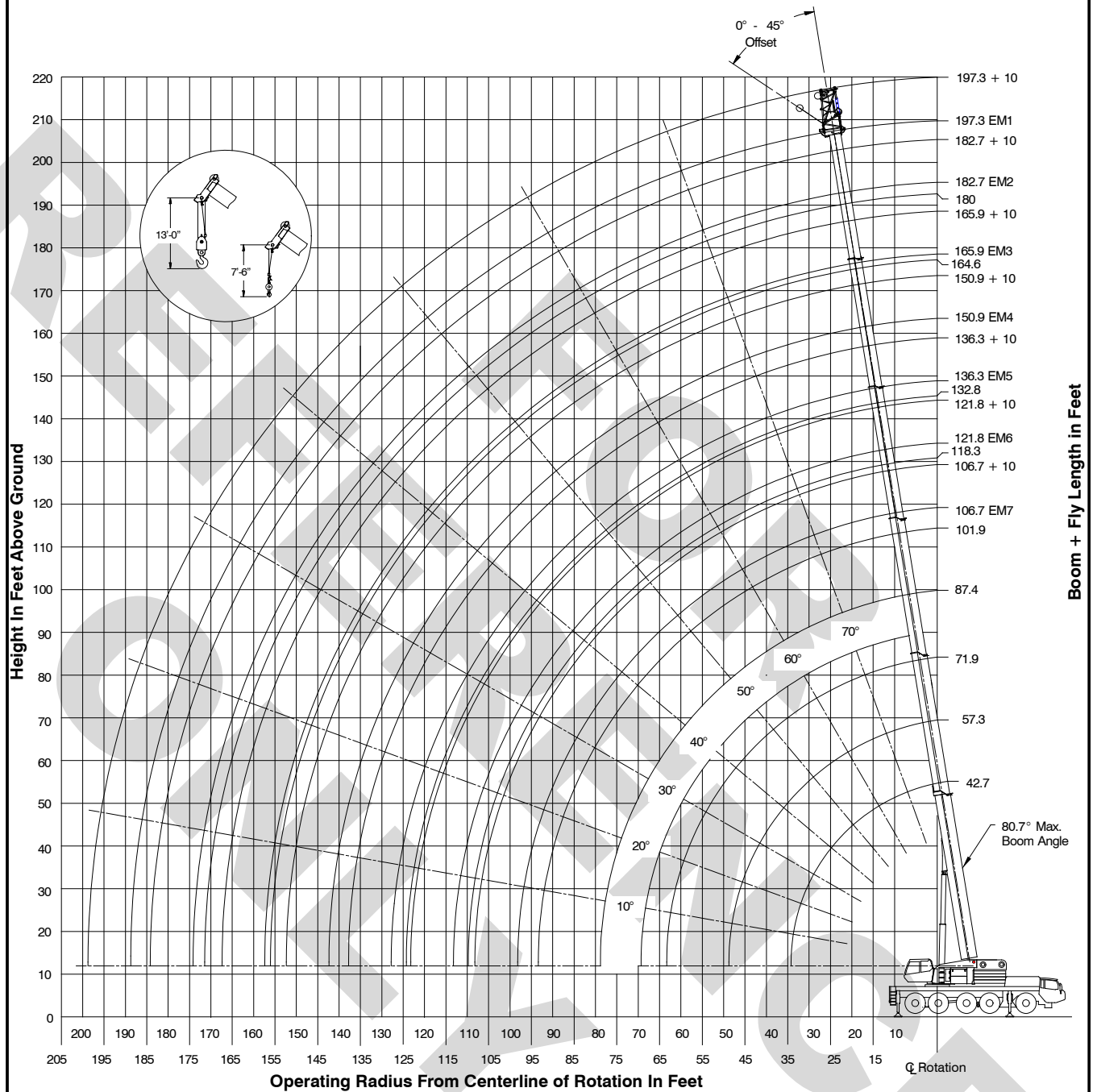
Capacity Reduction	Maximum Wind Speed (mph)					
	73' Fly			91' Fly		
	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'
Normal Operation	20	16	13	19	14	12
40%	29	24	19	28	20	18
70%	39	31	25	37	27	23
Prohibited	40+	32+	26+	38+	28+	24+

Capacity Reduction	Maximum Wind Speed (mph)					
	109' Fly					
	42.7' - 106.7'	106.8' - 150.9'	151.0' - 197.3'			
Normal Operation	16	13	10			
40%	24	19	15			
70%	31	25	19			
Prohibited	32+	26+	20+			

Notes:

1. Maximum wind speed is based on 3 second gust measured at boom or fly tip.
2. When wind speed for normal operation is exceeded, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle.
3. Allowable wind speed must be reduced for loads with large wind sail area (Frontal Area, $A > 4.9\text{ft}^2$ per 1,000 lb or Wind Coefficient, $C_f > 1.2$). Refer to the Operator's Manual for more information.

Working Range Diagram - Main Boom + 10' Fly



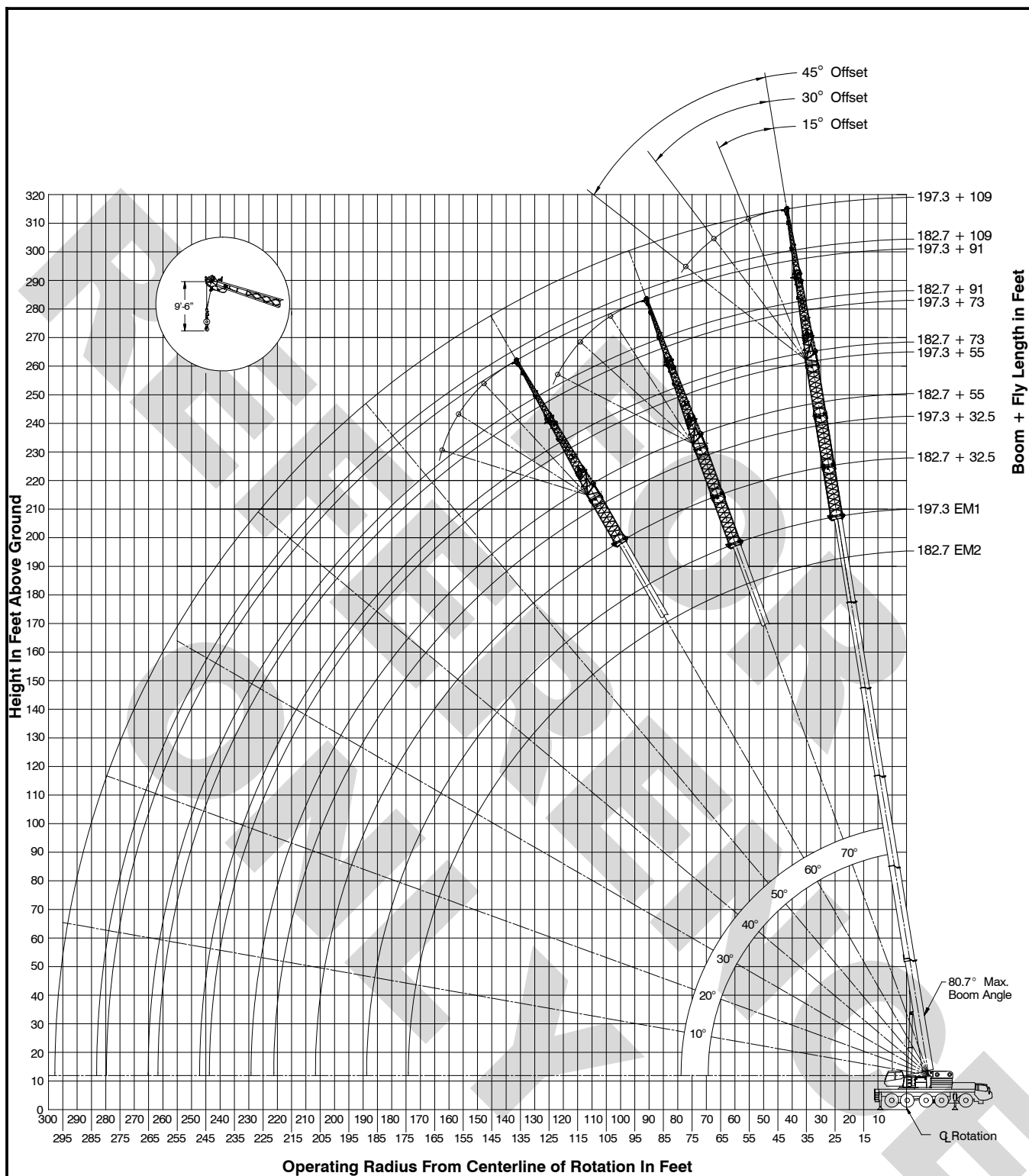
Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.



WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Working Range Diagram - Main Boom + Attachments



Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.



WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Rated Lifting Capacities in Pounds



Full



0 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	219,500	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	195,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	163,200	135,200	167,000	165,800	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	113,700	118,800	119,300	117,600	78,500	110,900	120,100	118,000	72,900	70,300	102,200	104,500
25	69,100	76,800	75,200	73,300	69,500	79,600	76,900	73,700	64,500	62,300	80,100	76,500
30	44,800	52,000	50,600	49,000	55,500	54,400	52,000	49,400	56,900	55,800	54,900	51,700
35		37,800	36,600	35,200	41,100	40,100	38,000	35,600	42,400	41,500	40,600	37,800
40		28,500	27,400	26,100	31,900	31,000	29,100	26,800	33,000	32,200	31,400	28,800
45		22,000	21,000	19,700	25,400	24,500	22,700	20,600	26,500	25,800	25,000	22,500
50					20,400	19,600	17,900	15,900	21,700	21,000	20,200	17,900
55					16,700	15,900	14,200	12,300	18,000	17,300	16,600	14,400
60					13,700	13,000	11,300	9,400	15,000	14,400	13,700	11,500
65								7,100	12,600	12,000	11,200	9,100
70									10,600	9,900	9,200	7,100
75									8,900	8,200	7,500	5,500
80												4,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	32,500	18,200	16,800	15,200	12,100	11,100	9,100	6,800	7,900	7,100	6,300	3,900

1010050

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	72,000	53,600	69,100	79,200	74,600	70,900	53,900	70,200	51,900	77,300	70,800	47,400	50,100
30	48,000	48,100	56,900	54,100	50,100	47,100	48,500	55,900	46,600	52,400	49,000	43,200	50,100
35	34,400	43,200	42,400	39,900	36,400	33,600	43,100	41,500	41,800	38,400	35,300	39,300	42,200
40	25,700	33,700	33,000	30,900	27,600	25,000	33,600	32,200	32,400	29,400	26,600	33,500	32,900
45	19,600	27,300	26,600	24,400	21,300	18,900	27,200	25,900	26,000	23,100	20,400	27,100	26,500
50	15,200	22,400	21,700	19,700	16,700	14,500	22,300	21,100	21,200	18,400	15,900	22,300	21,700
55	11,700	18,700	18,100	16,100	13,300	11,100	18,600	17,400	17,600	15,000	12,500	18,500	18,000
60	8,900	15,800	15,200	13,300	10,500	8,300	15,800	14,600	14,800	12,200	9,800	15,700	15,200
65	6,600	13,500	12,800	11,000	8,300	6,100	13,400	12,300	12,400	9,800	7,500	13,400	12,800
70	4,600	11,400	10,800	9,000	6,300	4,200	11,400	10,300	10,500	7,900	5,700	11,400	10,800
75	3,000	9,700	9,100	7,300	4,700	2,600	9,800	8,600	8,800	6,300	4,100	9,700	9,200
80		8,200	7,600	5,900	3,300		8,300	7,200	7,300	4,900	2,700	8,300	7,800
85		7,000	6,400	4,600	2,100		7,000	5,900	6,100	3,700		7,100	6,600
90		5,900	5,300	3,600			5,900	4,800	5,000	2,600		6,000	5,500
95				2,600			5,000	3,900	4,000	1,700		5,000	4,500
100							4,100	3,000	3,200			4,100	3,600
105							3,300	2,300	2,400			3,400	2,900
110												2,700	2,200
115												2,100	1,600
120												1,500	
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	16.0	0.0	0.0	0.0	27.5	38.5	0.0	0.0	0.0	31.5	43.0	0.0	19.0
Max Rad.	79.3	93.4	93.8	95.1	87.0	77.7	108.8	109.7	109.7	96.1	84.2	124.3	118.9
Capacity	0	5,200	4,600	2,600	0	0	2,800	1,700	1,800	0	0	1,100	0

1010040



Full



0 lbs



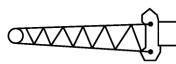
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1
Radius (ft)									
25	57,100	61,400							
30	54,100	51,000	42,400	39,700	46,000	30,000	33,600	35,400	
35	39,900	37,200	40,700	37,000	38,700	30,000	33,600	35,400	26,600
40	30,900	28,400	31,400	31,500	29,800	30,000	30,400	30,500	26,600
45	24,400	22,100	25,100	25,000	23,400	25,900	24,000	24,100	24,900
50	19,700	17,500	20,400	20,200	18,700	21,100	19,300	19,400	20,200
55	16,100	14,100	16,700	16,600	15,300	17,500	15,700	15,800	16,500
60	13,400	11,300	14,000	13,900	12,400	14,700	13,000	13,100	13,900
65	11,000	9,000	11,600	11,500	10,100	12,400	10,700	10,800	11,500
70	9,100	7,100	9,700	9,600	8,200	10,400	8,800	8,800	9,600
75	7,500	5,500	8,100	8,000	6,600	8,800	7,200	7,200	7,900
80	6,100	4,100	6,700	6,600	5,200	7,400	5,800	5,800	6,500
85	4,900	3,000	5,500	5,400	4,100	6,100	4,600	4,600	5,300
90	3,800	1,900	4,400	4,300	3,000	5,100	3,600	3,600	4,300
95	2,900		3,500	3,400	2,100	4,200	2,700	2,700	3,400
100	2,000		2,700	2,600		3,300	1,800	1,900	2,600
105			1,900	1,800		2,600			1,800
110						1,900			
115						1,300			
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600
Min Angle	35.5	45.0	40.5	41.5	47.0	43.5	50.0	50.0	52.0
Max Rad.	104.7	91.9	109.4	108.6	98.7	116.1	103.4	104.0	108.6
Capacity	0	0	0	0	0	0	0	0	0

1010040

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



0 lbs



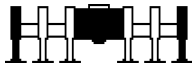
360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	73,800	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	49,500	49,500	53,300	52,200	52,000	52,000	50,600	50,600	54,900	48,700	54,700	53,800
35	35,800	35,800	39,100	39,100	38,000	38,000	36,700	36,700	41,300	41,300	40,400	40,400
40	27,000	27,000	30,100	30,100	29,100	29,100	27,900	27,900	32,000	32,000	31,200	31,200
45			23,700	23,700	22,800	22,800	21,700	21,700	25,600	25,600	24,800	24,800
50			19,100	19,100	18,200	18,200	17,100	17,100	20,800	20,800	20,000	20,000
55			15,600	15,600	14,700	14,700	13,700	13,700	17,100	17,100	16,400	16,400
60									14,300	14,300	13,600	13,600
65									12,000	12,000	11,300	11,300
70									10,100	10,100	9,400	9,400
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	21,900	21,900	13,500	13,500	12,400	12,400	11,200	11,200	9,100	9,100	8,300	8,300

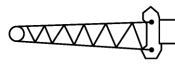
1013120

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	74,400	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	52,400	52,400	49,900	49,900	53,300	48,800	52,100	48,000	54,600	54,600	51,600	51,600
35	38,400	38,400	36,200	36,200	42,000	42,000	41,200	41,200	40,300	40,300	37,600	37,600
40	29,400	29,400	27,400	27,400	32,600	32,600	31,900	31,900	31,200	31,200	28,700	28,700
45	23,100	23,100	21,100	21,100	26,200	26,200	25,500	25,500	24,700	24,700	22,400	22,400
50	18,400	18,400	16,600	16,600	21,400	21,400	20,700	20,700	20,000	20,000	17,800	17,800
55	14,900	14,900	13,200	13,200	17,700	17,700	17,100	17,100	16,300	16,300	14,300	14,300
60	12,100	12,100	10,400	10,400	14,900	14,900	14,300	14,300	13,600	13,600	11,500	11,500
65	9,800	9,800	8,200	8,200	12,500	12,500	11,900	11,900	11,200	11,200	9,200	9,200
70	8,000	8,000	6,300	6,300	10,500	10,500	10,000	10,000	9,300	9,300	7,400	7,400
75			4,800	4,800	8,900	8,900	8,300	8,300	7,700	7,700	5,800	5,800
80					7,500	7,500	7,000	7,000	6,300	6,300	4,400	4,400
85					6,300	6,300	5,800	5,800	5,200	5,200	3,300	3,300
90											2,300	2,300
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	6,600	6,600	4,700	4,700	5,700	5,700	5,100	5,100	4,400	4,400	2,300	2,300

1013120



Full



10 ft Hydraulic Offset Fly



0 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	72,100	56,600	50,900	47,200	64,800	56,100	75,000	56,400	74,000	56,800	70,300	56,900
30	48,000	48,000	45,300	42,600	56,100	52,000	53,500	53,500	49,600	49,600	46,700	46,700
35	34,400	34,400	40,900	38,600	41,700	41,700	39,300	39,300	35,900	35,900	33,200	33,200
40	25,800	25,800	33,100	33,100	32,300	32,300	30,300	30,300	27,100	27,100	24,600	24,600
45	19,700	19,700	26,600	26,600	25,900	25,900	23,900	23,900	20,900	20,900	18,600	18,600
50	15,300	15,300	21,800	21,800	21,100	21,100	19,200	19,200	16,400	16,400	14,300	14,300
55	11,800	11,800	18,100	18,100	17,400	17,400	15,700	15,700	13,000	13,000	10,800	10,800
60	9,100	9,100	15,200	15,200	14,600	14,600	12,800	12,800	10,200	10,200	8,100	8,100
65	6,900	6,900	12,900	12,900	12,300	12,300	10,500	10,500	8,000	8,000	5,900	5,900
70	5,000	5,000	10,900	10,900	10,300	10,300	8,600	8,600	6,100	6,100	4,100	4,100
75	3,500	3,500	9,200	9,200	8,700	8,700	7,000	7,000	4,500	4,500	2,600	2,600
80	2,200	2,200	7,800	7,800	7,300	7,300	5,600	5,600	3,200	3,200		
85			6,600	6,600	6,100	6,100	4,500	4,500	2,100	2,100		
90			5,600	5,600	5,000	5,000	3,400	3,400				
95			4,700	4,700	4,100	4,100	2,500	2,500				
100			3,900	3,900	3,300	3,300	1,800					
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100

Min Angle	27.0	27.0	0.0	0.0	0.0	0.0	9.5	20.5	35.5	35.5	44.0	44.0
Max Rad.	82.0	82.0	103.4	103.4	103.9	103.9	103.1	100.0	87.4	87.4	77.8	77.8
Capacity	0	0	3,400	3,400	2,900	2,900	0	0	0	0	0	0

1013110

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,000	54,400	44,900	42,800	51,500	51,500	48,200	48,200	38,800	38,800
35	41,900	40,000	40,700	40,700	40,400	38,800	37,600	37,600	34,600	34,600	37,500	36,200
40	32,700	32,700	31,500	31,500	31,600	31,600	28,700	28,700	26,000	26,000	32,500	32,500
45	26,300	26,300	25,000	25,000	25,200	25,200	22,400	22,400	19,800	19,800	26,100	26,100
50	21,500	21,500	20,300	20,300	20,400	20,400	17,800	17,800	15,400	15,400	21,300	21,300
55	17,800	17,800	16,600	16,600	16,800	16,800	14,300	14,300	12,000	12,000	17,600	17,600
60	15,000	15,000	13,900	13,900	14,000	14,000	11,500	11,500	9,200	9,200	14,800	14,800
65	12,600	12,600	11,500	11,500	11,700	11,700	9,200	9,200	7,000	7,000	12,400	12,400
70	10,700	10,700	9,600	9,600	9,700	9,700	7,300	7,300	5,200	5,200	10,500	10,500
75	9,000	9,000	7,900	7,900	8,100	8,100	5,800	5,800	3,600	3,600	8,800	8,800
80	7,600	7,600	6,600	6,600	6,700	6,700	4,400	4,400	2,300	2,300	7,400	7,400
85	6,400	6,400	5,400	5,400	5,500	5,500	3,200	3,200			6,200	6,200
90	5,300	5,300	4,300	4,300	4,500	4,500	2,200	2,200			5,100	5,100
95	4,400	4,400	3,400	3,400	3,500	3,500					4,200	4,200
100	3,600	3,600	2,600	2,600	2,700	2,700					3,400	3,400
105	2,900	2,900	1,900	1,900	2,000	2,000					2,700	2,700
110	2,200	2,200			1,400	1,400					2,000	2,000
115	1,700	1,700									1,400	1,400
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800

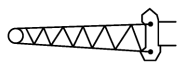
Min Angle	0.0	0.0	24.0	24.0	22.5	22.5	39.0	39.0	48.0	48.0	30.0	30.0
Max Rad.	118.9	118.9	110.0	110.0	111.3	111.3	94.1	94.1	82.4	82.4	117.7	117.7
Capacity	1,300	1,300	0	0	0	0	0	0	0	0	0	0

1013110

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



0 lbs



360°

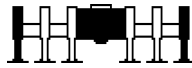
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,000	50,000	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	38,900	38,900	36,200	36,200	35,400	35,400	33,400	33,400	37,500	37,500
40	31,800	31,800	29,900	29,900	27,400	27,400	30,500	30,500	30,300	30,300	28,700	28,700
45	25,500	25,500	23,500	23,500	21,200	21,200	24,000	24,000	23,900	23,900	22,400	22,400
50	20,700	20,700	18,800	18,800	16,600	16,600	19,300	19,300	19,200	19,200	17,700	17,700
55	17,000	17,000	15,400	15,400	13,300	13,300	15,700	15,700	15,800	15,800	14,300	14,300
60	14,300	14,300	12,500	12,500	10,500	10,500	13,000	13,000	12,900	12,900	11,500	11,500
65	11,900	11,900	10,200	10,200	8,200	8,200	10,700	10,700	10,600	10,600	9,200	9,200
70	10,000	10,000	8,300	8,300	6,400	6,400	8,700	8,700	8,600	8,600	7,300	7,300
75	8,300	8,300	6,700	6,700	4,800	4,800	7,100	7,100	7,000	7,000	5,700	5,700
80	6,900	6,900	5,300	5,300	3,400	3,400	5,700	5,700	5,600	5,600	4,400	4,400
85	5,700	5,700	4,100	4,100	2,300	2,300	4,600	4,600	4,500	4,500	3,200	3,200
90	4,700	4,700	3,100	3,100			3,500	3,500	3,400	3,400	2,200	2,200
95	3,700	3,700	2,200	2,200			2,600	2,600	2,500	2,500		
100	2,900	2,900					1,800	1,800	1,700	1,700		
105	2,200	2,200										
110	1,600	1,600										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	33.5	33.5	43.0	43.0	50.0	50.0	47.0	47.0	48.0	48.0	52.5	52.5
Max Rad.	113.1	113.1	100.0	100.0	88.5	88.5	103.6	103.6	102.7	102.7	93.8	93.8
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1013110

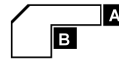
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft	
Ext Mode	EM1		EM2		EM3		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
30	25,600	25,600	28,800	28,800	29,400	29,400		
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
40	25,600	25,600	28,800	28,800	29,300	29,300	22,900	22,900
45	24,700	24,700	22,900	22,900	22,900	22,900	22,900	22,900
50	20,000	20,000	18,200	18,200	18,200	18,200	19,000	19,000
55	16,300	16,300	14,800	14,800	14,900	14,900	15,600	15,600
60	13,600	13,600	12,000	12,000	12,000	12,000	12,700	12,700
65	11,300	11,300	9,700	9,700	9,700	9,700	10,400	10,400
70	9,300	9,300	7,800	7,800	7,800	7,800	8,400	8,400
75	7,700	7,700	6,200	6,200	6,200	6,200	6,800	6,800
80	6,300	6,300	4,800	4,800	4,800	4,800	5,500	5,500
85	5,100	5,100	3,600	3,600	3,700	3,700	4,300	4,300
90	4,100	4,100	2,600	2,600	2,600	2,600	3,200	3,200
95	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300
100	2,300	2,300				1,400	1,500	1,500
105	1,600	1,600						
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
Min Angle	50.0	50.0	55.5	55.0	55.0	55.0	57.0	57.0
Max Rad.	108.2	108.2	96.7	100.0	97.3	100.6	101.6	101.6
Capacity	0	0	0	0	0	0	0	0

1013010

Rated Lifting
Capacities in
Pounds



Full



6,400 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	220,700	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	196,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	168,100	135,200	171,200	170,300	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	120,200	118,800	124,800	123,500	78,500	110,900	120,100	123,900	72,900	70,300	102,200	104,500
25	78,800	85,700	84,400	82,800	69,500	88,100	85,800	83,000	64,500	62,300	88,600	85,400
30	52,500	59,700	58,300	56,800	62,300	62,100	59,800	57,100	57,700	55,800	62,600	59,500
35		43,900	42,600	41,200	47,200	46,200	44,100	41,700	48,300	47,600	46,600	43,800
40		33,500	32,300	31,100	36,800	35,900	34,000	31,700	38,000	37,200	36,300	33,700
45		26,200	25,200	24,000	29,600	28,700	26,900	24,800	30,800	30,000	29,200	26,800
50					24,100	23,300	21,600	19,600	25,400	24,700	23,900	21,600
55					19,900	19,100	17,400	15,600	21,200	20,600	19,800	17,600
60					16,600	15,900	14,200	12,300	17,900	17,200	16,500	14,400
65								9,700	15,200	14,600	13,900	11,700
70									13,000	12,300	11,600	9,500
75									11,100	10,500	9,800	7,700
80												6,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	38,800	22,000	20,500	18,900	14,800	13,800	11,700	9,400	10,000	9,200	8,400	6,000

1020010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	81,600	53,600	69,100	82,900	83,800	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	55,700	48,100	62,600	61,900	57,900	54,700	48,500	63,500	46,600	60,100	56,700	43,200	50,100
35	40,500	43,600	48,300	46,000	42,400	39,600	44,000	47,500	42,300	44,500	41,400	39,300	47,100
40	30,700	38,700	38,000	35,700	32,400	29,900	38,600	37,200	37,400	34,300	31,600	35,900	37,800
45	23,800	31,500	30,800	28,700	25,600	23,100	31,400	30,100	30,300	27,300	24,700	31,300	30,700
50	18,800	26,100	25,400	23,400	20,400	18,100	26,000	24,700	24,900	22,100	19,600	25,900	25,300
55	15,000	22,000	21,300	19,300	16,500	14,300	21,900	20,600	20,800	18,100	15,800	21,800	21,200
60	11,800	18,700	18,000	16,100	13,400	11,200	18,600	17,400	17,600	15,100	12,700	18,500	17,900
65	9,200	16,000	15,500	13,600	10,900	8,800	15,900	14,900	15,000	12,500	10,100	15,800	15,400
70	7,000	13,800	13,200	11,400	8,700	6,600	13,800	12,700	12,900	10,300	8,100	13,800	13,200
75	5,200	11,900	11,300	9,500	6,900	4,900	12,000	10,900	11,000	8,600	6,300	11,900	11,400
80	3,700	10,300	9,700	7,900	5,400	3,300	10,300	9,200	9,400	7,000	4,800	10,400	9,800
85		8,900	8,300	6,500	4,000	2,000	8,900	7,800	8,000	5,600	3,400	9,000	8,500
90		7,600	7,100	5,300	2,800		7,700	6,600	6,800	4,400	2,300	7,800	7,200
95				4,300			6,600	5,600	5,700	3,400		6,700	6,200
100							5,700	4,600	4,800	2,500		5,700	5,200
105							4,800	3,800	3,900	1,600		4,900	4,400
110												4,100	3,600
115												3,400	2,900
120												2,800	2,300
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	13.5	30.0	0.0	0.0	0.0	18.0	36.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	95.0	86.0	108.8	109.7	109.7	106.6	93.2	124.3	124.7
Capacity	3,100	6,900	6,300	4,300	0	0	4,300	3,100	3,300	0	0	2,400	1,800

1020010

Rated Lifting
Capacities in
Pounds



Full

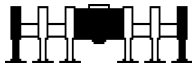


6,400 lbs

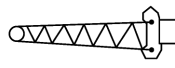


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1
Radius (ft)									
25	57,100	61,400							
30	57,100	58,800	42,400	39,700	46,000	30,000	33,600	35,400	
35	46,000	43,300	42,400	37,000	44,800	30,000	33,600	35,400	26,600
40	35,700	33,200	36,400	33,600	34,500	30,000	33,600	35,300	26,600
45	28,700	26,300	29,400	29,200	27,600	29,700	28,300	28,300	26,600
50	23,400	21,100	24,000	23,900	22,400	24,800	23,000	23,000	23,800
55	19,300	17,100	20,000	19,800	18,400	20,700	18,900	19,000	19,800
60	16,100	14,200	16,700	16,600	15,300	17,400	15,700	15,800	16,500
65	13,700	11,600	14,300	14,200	12,800	15,000	13,300	13,400	14,100
70	11,500	9,500	12,100	12,000	10,600	12,800	11,200	11,200	12,000
75	9,700	7,700	10,300	10,200	8,800	11,000	9,400	9,400	10,100
80	8,200	6,200	8,700	8,600	7,300	9,400	7,800	7,900	8,600
85	6,800	4,900	7,400	7,300	6,000	8,100	6,500	6,600	7,300
90	5,600	3,700	6,200	6,100	4,800	6,900	5,400	5,400	6,100
95	4,600	2,700	5,200	5,100	3,800	5,800	4,300	4,400	5,100
100	3,600	1,800	4,300	4,200	2,900	4,900	3,400	3,500	4,200
105	2,800		3,400	3,300	2,100	4,100	2,600	2,700	3,300
110	2,000		2,700	2,600		3,400	1,900	1,900	2,600
115	1,400		2,000	1,900		2,700			2,000
120			1,400	1,300		2,000			1,300
125						1,500			
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600
Min Angle	25.0	38.5	32.5	33.0	41.5	36.5	45.0	45.0	47.0
Max Rad.	115.7	101.7	121.1	120.5	109.3	128.3	114.5	114.2	121.2
Capacity	0	0	0	0	0	0	0	0	0

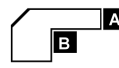
1020010



Full



10 ft Hydraulic Offset Fly



6,400 lbs



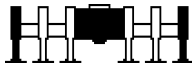
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	57,200	50,300	61,000	52,200	59,800	52,300	58,300	52,400	54,900	48,700	62,400	53,800
35	41,800	41,800	45,200	45,200	44,100	44,100	42,800	42,800	47,400	44,600	46,400	46,400
40	32,000	32,000	35,000	35,000	34,000	34,000	32,800	32,800	37,000	37,000	36,100	36,100
45			28,000	28,000	27,000	27,000	25,900	25,900	29,800	29,800	29,000	29,000
50			22,700	22,700	21,800	21,800	20,800	20,800	24,500	24,500	23,700	23,700
55			18,800	18,800	17,900	17,900	16,900	16,900	20,400	20,400	19,700	19,700
60									17,200	17,200	16,500	16,500
65									14,600	14,600	13,900	13,900
70									12,500	12,500	11,800	11,800
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	26,200	26,200	16,500	16,500	15,300	15,300	14,100	14,100	11,300	11,300	10,500	10,500

1023010

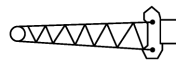
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	60,200	54,000	57,700	54,200	53,300	48,800	52,100	48,000	62,300	54,900	59,300	55,200
35	44,500	44,500	42,200	42,200	47,800	44,600	46,700	43,700	46,400	46,400	43,700	43,700
40	34,300	34,300	32,200	32,200	37,600	37,600	36,900	36,900	36,000	36,000	33,600	33,600
45	27,300	27,300	25,400	25,400	30,400	30,400	29,700	29,700	28,900	28,900	26,600	26,600
50	22,100	22,100	20,300	20,300	25,000	25,000	24,400	24,400	23,600	23,600	21,400	21,400
55	18,100	18,100	16,300	16,300	20,900	20,900	20,300	20,300	19,600	19,600	17,500	17,500
60	15,000	15,000	13,300	13,300	17,700	17,700	17,100	17,100	16,400	16,400	14,400	14,400
65	12,500	12,500	10,800	10,800	15,100	15,100	14,500	14,500	13,900	13,900	11,900	11,900
70	10,400	10,400	8,700	8,700	12,900	12,900	12,400	12,400	11,700	11,700	9,800	9,800
75			7,000	7,000	11,100	11,100	10,600	10,600	9,900	9,900	8,000	8,000
80					9,600	9,600	9,000	9,000	8,400	8,400	6,500	6,500
85					8,300	8,300	7,700	7,700	7,100	7,100	5,200	5,200
90											4,100	4,100
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	8,800	8,800	6,900	6,900	7,500	7,500	6,900	6,900	6,200	6,200	4,000	4,000

1023020

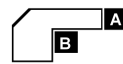
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



6,400 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	55,700	55,400	45,300	42,600	58,300	52,000	61,200	55,300	57,400	55,700	54,300	54,300
35	40,500	40,500	40,900	38,600	47,600	47,600	45,400	45,400	42,000	42,000	39,300	39,300
40	30,800	30,800	37,000	35,200	37,300	37,300	35,100	35,100	32,000	32,000	29,600	29,600
45	23,900	23,900	30,800	30,800	30,200	30,200	28,100	28,100	25,200	25,200	22,800	22,800
50	18,800	18,800	25,400	25,400	24,800	24,800	22,900	22,900	20,000	20,000	17,800	17,800
55	15,100	15,100	21,300	21,300	20,700	20,700	18,800	18,800	16,100	16,100	14,100	14,100
60	12,000	12,000	18,000	18,000	17,400	17,400	15,700	15,700	13,100	13,100	11,000	11,000
65	9,500	9,500	15,500	15,500	14,900	14,900	13,200	13,200	10,600	10,600	8,600	8,600
70	7,400	7,400	13,300	13,300	12,700	12,700	11,000	11,000	8,500	8,500	6,500	6,500
75	5,700	5,700	11,500	11,500	10,900	10,900	9,200	9,200	6,800	6,800	4,800	4,800
80	4,300	4,300	9,900	9,900	9,300	9,300	7,700	7,700	5,300	5,300	3,400	3,400
85	3,000	3,000	8,500	8,500	8,000	8,000	6,400	6,400	4,000	4,000	2,100	2,100
90	1,900	1,900	7,400	7,400	6,800	6,800	5,200	5,200	2,900	2,900		
95			6,300	6,300	5,800	5,800	4,200	4,200	1,900	1,900		
100			5,500	5,500	4,900	4,900	3,300	3,300				
105							2,600	2,600				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	25.0	37.0	37.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	97.1	97.1	86.7	86.7
Capacity	1,600	1,600	5,000	5,000	4,400	4,400	2,600	2,600	0	0	0	0

1023010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



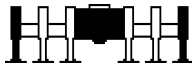
6,400 lbs



Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	59,300	55,400	55,900	55,700	38,800	38,800
35	41,900	40,000	46,700	46,700	40,400	38,800	43,700	43,700	40,700	40,700	37,500	36,200
40	37,700	36,500	36,300	36,300	36,500	35,300	33,500	33,500	30,900	30,900	34,100	33,000
45	30,600	30,600	29,300	29,300	29,400	29,400	26,600	26,600	24,000	24,000	30,300	30,300
50	25,200	25,200	23,900	23,900	24,100	24,100	21,400	21,400	19,000	19,000	24,900	24,900
55	21,000	21,000	19,900	19,900	20,000	20,000	17,400	17,400	15,200	15,200	20,800	20,800
60	17,800	17,800	16,600	16,600	16,800	16,800	14,400	14,400	12,100	12,100	17,600	17,600
65	15,300	15,300	14,100	14,100	14,300	14,300	11,900	11,900	9,600	9,600	15,100	15,100
70	13,100	13,100	12,000	12,000	12,100	12,100	9,700	9,700	7,600	7,600	12,900	12,900
75	11,200	11,200	10,200	10,200	10,300	10,300	8,000	8,000	5,800	5,800	11,000	11,000
80	9,600	9,600	8,600	8,600	8,700	8,700	6,500	6,500	4,400	4,400	9,500	9,500
85	8,300	8,300	7,300	7,300	7,400	7,400	5,100	5,100	3,100	3,100	8,100	8,100
90	7,100	7,100	6,100	6,100	6,200	6,200	4,000	4,000	2,000	2,000	6,900	6,900
95	6,100	6,100	5,100	5,100	5,200	5,200	3,000	3,000			5,900	5,900
100	5,200	5,200	4,200	4,200	4,300	4,300	2,100	2,100			5,000	5,000
105	4,400	4,400	3,400	3,400	3,500	3,500					4,200	4,200
110	3,700	3,700	2,700	2,700	2,800	2,800					3,400	3,400
115	3,000	3,000	2,000	2,000	2,200	2,200					2,800	2,800
120											2,200	2,200
125											1,700	1,700
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	30.5	30.5	42.0	42.0	16.0	16.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	104.8	104.8	91.8	91.8	130.0	130.0
Capacity	2,600	2,600	1,600	1,600	1,700	1,700	0	0	0	0	0	0

1023010

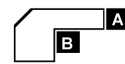
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



6,400 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	44,900	44,900	42,300	42,300	35,400	35,400	33,400	33,400	38,500	38,500
40	36,800	36,800	34,700	34,700	32,200	32,200	35,300	35,300	32,200	31,600	33,400	33,400
45	29,700	29,700	27,700	27,700	25,400	25,400	28,300	28,300	28,100	28,100	26,600	26,600
50	24,400	24,400	22,500	22,500	20,300	20,300	23,000	23,000	22,900	22,900	21,400	21,400
55	20,300	20,300	18,500	18,500	16,300	16,300	18,900	18,900	18,800	18,800	17,400	17,400
60	17,000	17,000	15,400	15,400	13,400	13,400	15,700	15,700	15,600	15,600	14,400	14,400
65	14,500	14,500	12,800	12,800	10,900	10,900	13,300	13,300	13,200	13,200	11,800	11,800
70	12,400	12,400	10,700	10,700	8,800	8,800	11,200	11,200	11,000	11,000	9,700	9,700
75	10,500	10,500	8,900	8,900	7,000	7,000	9,300	9,300	9,200	9,200	7,900	7,900
80	9,000	9,000	7,400	7,400	5,500	5,500	7,800	7,800	7,700	7,700	6,400	6,400
85	7,600	7,600	6,000	6,000	4,200	4,200	6,500	6,500	6,400	6,400	5,100	5,100
90	6,400	6,400	4,900	4,900	3,100	3,100	5,300	5,300	5,200	5,200	4,000	4,000
95	5,400	5,400	3,900	3,900	2,100	2,100	4,300	4,300	4,200	4,200	3,000	3,000
100	4,500	4,500	3,000	3,000			3,400	3,400	3,300	3,300	2,100	2,100
105	3,700	3,700	2,200	2,200			2,600	2,600	2,500	2,500		
110	3,000	3,000	1,500	1,500			1,900	1,900	1,800	1,800		
115	2,300	2,300										
120	1,700	1,700										
125	1,200	1,200										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	22.0	22.0	36.0	36.0	44.5	45.0	41.5	41.5	42.0	42.0	47.5	47.5
Max Rad.	125.7	125.7	111.8	111.8	98.6	100.0	114.9	114.9	114.1	114.1	104.3	104.3
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1023020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



6,400 lbs



Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft	
Ext Mode	EM1		EM2		EM3		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
30	25,600	25,600	28,800	28,800	29,400	29,400		
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
45	25,600	25,600	27,100	27,100	27,100	27,100	22,900	22,900
50	23,600	23,600	21,900	21,900	21,900	21,900	22,600	22,600
55	19,600	19,600	17,900	17,900	17,900	17,900	18,600	18,600
60	16,300	16,300	14,900	14,900	14,900	14,900	15,600	15,600
65	13,900	13,900	12,300	12,300	12,300	12,300	13,000	13,000
70	11,700	11,700	10,200	10,200	10,200	10,200	10,900	10,900
75	9,900	9,900	8,400	8,400	8,400	8,400	9,000	9,000
80	8,400	8,400	6,900	6,900	6,900	6,900	7,500	7,500
85	7,000	7,000	5,500	5,500	5,600	5,600	6,200	6,200
90	5,900	5,900	4,400	4,400	4,400	4,400	5,000	5,000
95	4,800	4,800	3,400	3,400	3,400	3,400	4,000	4,000
100	3,900	3,900	2,500	2,500	2,500	2,500	3,100	3,100
105	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300
110	2,400	2,400					1,600	1,600
115	1,700	1,700						
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
Min Angle	45.0	45.0	51.0	51.0	51.0	51.0	53.0	53.0
Max Rad.	120.0	120.0	107.3	107.3	108.0	108.0	112.1	112.1
Capacity	0	0	0	0	0	0	0	0

1023010

Rated Lifting Capacities in Pounds



Full



10,800 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	221,800	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	197,600	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	169,100	135,200	172,000	171,200	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	123,900	118,800	128,500	127,200	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	84,300	91,300	89,900	88,300	69,500	93,700	91,300	88,600	64,500	62,300	90,300	91,000
30	57,700	64,800	63,500	62,000	62,300	67,300	64,900	62,300	57,700	55,800	67,700	64,600
35		47,900	46,700	45,300	51,200	50,200	48,100	45,800	52,100	50,500	50,600	47,800
40		36,800	35,700	34,400	40,200	39,300	37,300	35,100	41,300	40,500	39,700	37,100
45		29,100	28,000	26,800	32,400	31,600	29,700	27,700	33,500	32,800	32,000	29,600
50					26,600	25,800	24,000	22,000	27,900	27,200	26,400	24,000
55					22,100	21,300	19,600	17,700	23,400	22,700	22,000	19,700
60					18,600	17,800	16,100	14,300	19,800	19,200	18,400	16,300
65								11,500	16,900	16,300	15,600	13,500
70									14,600	14,000	13,200	11,200
75									12,500	11,900	11,200	9,200
80												7,500
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	43,000	24,600	23,100	21,400	16,600	15,600	13,500	11,200	11,400	10,600	9,800	7,300

1030010

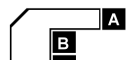
Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	87,200	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	60,900	48,100	62,600	66,900	63,100	59,900	48,500	66,100	46,600	65,200	61,900	43,200	50,100
35	44,500	43,600	52,400	49,900	46,500	43,700	44,000	51,500	42,300	48,400	45,500	39,300	47,100
40	34,000	39,700	41,300	39,100	35,800	33,100	40,200	40,500	38,600	37,600	34,800	35,900	41,200
45	26,700	34,200	33,500	31,500	28,400	25,900	34,100	32,800	33,000	30,200	27,500	32,900	33,400
50	21,200	28,600	27,900	25,800	22,900	20,500	28,500	27,200	27,400	24,600	22,000	28,400	27,800
55	17,100	24,100	23,500	21,500	18,600	16,400	24,000	22,800	23,000	20,300	17,800	24,000	23,400
60	13,700	20,600	20,000	18,100	15,400	13,200	20,500	19,300	19,500	16,900	14,600	20,500	19,900
65	11,000	17,700	17,100	15,400	12,700	10,500	17,700	16,500	16,700	14,200	11,900	17,600	17,100
70	8,700	15,400	14,800	13,000	10,400	8,300	15,500	14,300	14,500	12,000	9,700	15,400	14,900
75	6,700	13,400	12,800	11,000	8,400	6,300	13,500	12,300	12,500	10,000	7,800	13,400	12,900
80	5,100	11,600	11,000	9,300	6,700	4,700	11,700	10,600	10,800	8,400	6,200	11,700	11,200
85		10,100	9,600	7,800	5,300	3,300	10,200	9,100	9,300	6,900	4,700	10,300	9,700
90		8,800	8,300	6,500	4,000	2,000	8,900	7,800	8,000	5,600	3,500	9,000	8,400
95				5,400	2,900		7,800	6,700	6,800	4,500	2,400	7,800	7,300
100							6,700	5,700	5,800	3,500		6,800	6,300
105							5,800	4,800	4,900	2,600		5,900	5,400
110										1,900		5,100	4,600
115												4,300	3,800
120												3,700	3,200
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	22.5	0.0	0.0	0.0	0.0	30.5	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	91.7	108.8	109.7	109.7	111.5	99.1	124.3	124.7
Capacity	4,500	8,100	7,400	5,400	2,500	0	5,300	4,100	4,200	1,600	0	3,200	2,700

1030010

Rated Lifting
Capacities in
Pounds



Full



10,800 lbs



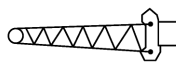
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	49,900	47,300	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	39,000	36,500	39,700	33,600	37,900	30,000	33,600	35,400	26,600	27,900	22,500
45	31,500	29,100	32,000	30,800	30,500	29,700	31,100	31,200	26,600	27,900	22,500
50	25,800	23,600	26,500	26,400	24,800	27,300	25,400	25,500	26,300	24,500	22,500
55	21,500	19,300	22,100	22,000	20,500	22,900	21,100	21,200	21,900	20,200	21,100
60	18,100	16,000	18,700	18,600	17,100	19,400	17,700	17,700	18,500	16,800	17,600
65	15,400	13,400	15,900	15,800	14,500	16,600	15,100	15,200	15,700	14,300	15,100
70	13,100	11,100	13,700	13,600	12,200	14,400	12,800	12,900	13,600	12,000	12,800
75	11,200	9,200	11,800	11,700	10,300	12,500	10,900	10,900	11,600	10,100	10,900
80	9,500	7,600	10,100	10,000	8,700	10,800	9,200	9,300	10,000	8,400	9,200
85	8,100	6,200	8,700	8,600	7,300	9,300	7,800	7,800	8,500	7,000	7,800
90	6,800	4,900	7,400	7,300	6,000	8,100	6,500	6,600	7,300	5,800	6,500
95	5,700	3,800	6,300	6,200	4,900	7,000	5,500	5,500	6,200	4,700	5,400
100	4,700	2,800	5,300	5,200	3,900	6,000	4,500	4,500	5,200	3,800	4,500
105	3,800	1,900	4,400	4,300	3,100	5,100	3,600	3,700	4,300	2,900	3,600
110	3,000		3,600	3,500	2,300	4,300	2,800	2,900	3,600	2,100	2,800
115	2,300		2,900	2,800	1,500	3,600	2,100	2,200	2,900	1,400	2,100
120	1,600		2,200	2,100		2,900	1,500	1,500	2,200		1,500
125			1,600	1,500		2,300			1,600		
130						1,800					
135						1,300					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	13.0	33.5	25.5	27.0	36.0	31.0	40.5	41.0	43.0	50.0	51.5
Max Rad.	123.8	108.3	129.4	128.4	117.0	136.4	121.8	121.7	128.5	116.3	122.2
Capacity	0	0	0	0	0	0	0	0	0	0	0

1030010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



10,800 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	62,400	50,300	66,100	52,200	64,900	52,300	63,500	52,400	54,900	48,700	67,500	53,800
35	45,900	45,900	49,200	49,200	48,100	48,100	46,900	46,900	49,200	44,600	50,400	50,400
40	35,300	35,300	38,300	38,300	37,300	37,300	36,100	36,100	40,300	40,300	39,400	39,400
45			30,800	30,800	29,800	29,800	28,700	28,700	32,500	32,500	31,800	31,800
50			25,200	25,200	24,300	24,300	23,200	23,200	26,900	26,900	26,200	26,200
55			20,900	20,900	20,100	20,100	19,000	19,000	22,600	22,600	21,800	21,800
60									19,100	19,100	18,400	18,400
65									16,300	16,300	15,700	15,700
70									14,100	14,100	13,400	13,400
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	29,100	29,100	18,500	18,500	17,300	17,300	16,000	16,000	12,900	12,900	12,000	12,000

1033050

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	65,300	54,000	62,900	54,200	53,300	48,800	52,100	48,000	67,400	54,900	64,400	55,200
35	48,400	48,400	46,300	46,300	47,800	44,600	46,700	43,700	50,300	50,300	47,600	47,600
40	37,600	37,600	35,600	35,600	40,900	40,700	40,200	39,800	39,400	39,400	36,900	36,900
45	30,100	30,100	28,200	28,200	33,100	33,100	32,500	32,500	31,700	31,700	29,500	29,500
50	24,600	24,600	22,700	22,700	27,500	27,500	26,900	26,900	26,100	26,100	23,900	23,900
55	20,300	20,300	18,500	18,500	23,100	23,100	22,500	22,500	21,800	21,800	19,600	19,600
60	16,900	16,900	15,300	15,300	19,600	19,600	19,000	19,000	18,300	18,300	16,300	16,300
65	14,200	14,200	12,600	12,600	16,800	16,800	16,200	16,200	15,600	15,600	13,600	13,600
70	12,000	12,000	10,300	10,300	14,600	14,600	14,000	14,000	13,300	13,300	11,400	11,400
75			8,500	8,500	12,600	12,600	12,000	12,000	11,400	11,400	9,500	9,500
80					10,900	10,900	10,400	10,400	9,800	9,800	7,900	7,900
85					9,500	9,500	9,000	9,000	8,400	8,400	6,500	6,500
90											5,300	5,300
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	10,300	10,300	8,400	8,400	8,800	8,800	8,100	8,100	7,400	7,400	5,200	5,200

1033050

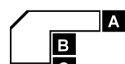
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



10,800 lbs



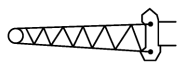
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	60,900	55,400	45,300	42,600	58,300	52,000	66,300	55,300	62,600	55,700	59,500	55,800
35	44,600	44,600	40,900	38,600	51,700	47,600	49,300	49,300	46,000	46,000	43,300	43,300
40	34,000	34,000	37,000	35,200	40,600	40,600	38,500	38,500	35,300	35,300	32,800	32,800
45	26,700	26,700	33,500	32,200	32,900	32,900	31,000	31,000	28,000	28,000	25,600	25,600
50	21,300	21,300	27,900	27,900	27,200	27,200	25,300	25,300	22,500	22,500	20,300	20,300
55	17,100	17,100	23,500	23,500	22,900	22,900	21,000	21,000	18,300	18,300	16,100	16,100
60	13,900	13,900	20,000	20,000	19,400	19,400	17,600	17,600	15,100	15,100	13,000	13,000
65	11,300	11,300	17,100	17,100	16,600	16,600	14,900	14,900	12,400	12,400	10,300	10,300
70	9,100	9,100	14,900	14,900	14,300	14,300	12,600	12,600	10,100	10,100	8,100	8,100
75	7,200	7,200	12,900	12,900	12,400	12,400	10,700	10,700	8,200	8,200	6,300	6,300
80	5,600	5,600	11,300	11,300	10,700	10,700	9,100	9,100	6,600	6,600	4,700	4,700
85	4,300	4,300	9,800	9,800	9,300	9,300	7,600	7,600	5,300	5,300	3,400	3,400
90	3,100	3,100	8,600	8,600	8,000	8,000	6,400	6,400	4,100	4,100	2,200	2,200
95			7,500	7,500	6,900	6,900	5,300	5,300	3,000	3,000		
100			6,500	6,500	6,000	6,000	4,400	4,400	2,100	2,100		
105							3,600	3,600				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	14.0	31.0	31.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	104.0	104.0	92.8	92.8
Capacity	2,800	2,800	6,000	6,000	5,400	5,400	3,600	3,600	0	0	0	0

1033050

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



10,800 lbs



360°

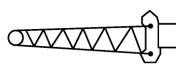
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,100	55,700	38,800	38,800
35	41,900	40,000	50,600	50,200	40,400	38,800	47,600	47,600	44,700	44,700	37,500	36,200
40	38,000	36,500	39,700	39,700	36,600	35,300	36,900	36,900	34,100	34,100	34,100	33,000
45	33,200	33,200	32,000	32,000	32,100	32,100	29,500	29,500	26,900	26,900	31,100	30,300
50	27,600	27,600	26,400	26,400	26,600	26,600	23,900	23,900	21,400	21,400	27,400	27,400
55	23,200	23,200	22,000	22,000	22,200	22,200	19,600	19,600	17,200	17,200	23,000	23,000
60	19,700	19,700	18,600	18,600	18,700	18,700	16,200	16,200	14,100	14,100	19,500	19,500
65	16,900	16,900	15,800	15,800	15,900	15,900	13,600	13,600	11,400	11,400	16,700	16,700
70	14,700	14,700	13,600	13,600	13,700	13,700	11,400	11,400	9,200	9,200	14,500	14,500
75	12,700	12,700	11,600	11,600	11,800	11,800	9,500	9,500	7,300	7,300	12,500	12,500
80	11,000	11,000	10,000	10,000	10,100	10,100	7,800	7,800	5,700	5,700	10,800	10,800
85	9,600	9,600	8,500	8,500	8,700	8,700	6,400	6,400	4,400	4,400	9,400	9,400
90	8,300	8,300	7,300	7,300	7,400	7,400	5,200	5,200	3,200	3,200	8,100	8,100
95	7,200	7,200	6,200	6,200	6,300	6,300	4,100	4,100	2,100	2,100	7,000	7,000
100	6,200	6,200	5,200	5,200	5,400	5,400	3,200	3,200		1,600	6,000	6,000
105	5,400	5,400	4,400	4,400	4,500	4,500	2,400	2,400			5,200	5,200
110	4,600	4,600	3,600	3,600	3,800	3,800	1,600	1,600			4,400	4,400
115	3,900	3,900	3,000	3,000	3,100	3,100					3,700	3,700
120											3,100	3,100
125											2,500	2,500
130											2,000	2,000
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	23.5	23.5	37.5	37.5	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	112.1	112.1	98.2	100.7	134.4	134.4
Capacity	3,500	3,500	2,400	2,400	2,600	2,600	0	0	0	0	1,600	1,600

1033050

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



10,800 lbs



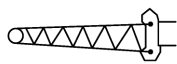
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	46,300	46,300	35,400	35,400	33,400	33,400	38,500	38,500
40	40,100	38,900	38,000	38,000	35,600	35,600	35,400	35,400	32,200	31,600	36,800	36,800
45	32,400	32,400	30,600	30,600	28,300	28,300	31,100	31,100	29,400	29,000	29,400	29,400
50	26,800	26,800	24,900	24,900	22,800	22,800	25,400	25,400	25,300	25,300	23,800	23,800
55	22,400	22,400	20,600	20,600	18,500	18,500	21,100	21,100	21,000	21,000	19,600	19,600
60	19,000	19,000	17,200	17,200	15,300	15,300	17,700	17,700	17,600	17,600	16,200	16,200
65	16,100	16,100	14,600	14,600	12,600	12,600	15,100	15,100	15,000	15,000	13,600	13,600
70	14,000	14,000	12,300	12,300	10,400	10,400	12,800	12,800	12,700	12,700	11,300	11,300
75	12,000	12,000	10,400	10,400	8,500	8,500	10,800	10,800	10,700	10,700	9,400	9,400
80	10,300	10,300	8,700	8,700	6,900	6,900	9,200	9,200	9,100	9,100	7,800	7,800
85	8,900	8,900	7,300	7,300	5,500	5,500	7,700	7,700	7,600	7,600	6,400	6,400
90	7,600	7,600	6,100	6,100	4,300	4,300	6,500	6,500	6,400	6,400	5,200	5,200
95	6,500	6,500	5,000	5,000	3,200	3,200	5,400	5,400	5,300	5,300	4,100	4,100
100	5,600	5,600	4,000	4,000	2,300	2,300	4,500	4,500	4,400	4,400	3,100	3,100
105	4,700	4,700	3,200	3,200			3,600	3,600	3,500	3,500	2,300	2,300
110	3,900	3,900	2,400	2,400			2,800	2,800	2,700	2,700	1,500	1,500
115	3,200	3,200	1,700	1,700			2,100	2,100	2,000	2,000		
120	2,600	2,600					1,500	1,500	1,400	1,400		
125	2,000	2,000										
130	1,500	1,500										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	30.5	30.5	41.0	41.0	37.0	37.0	37.5	37.5	43.5	43.5
Max Rad.	134.8	134.8	119.0	119.0	105.0	105.0	122.5	122.5	121.8	121.8	112.0	112.0
Capacity	1,100	1,100	0	0	0	0	0	0	0	0	0	0

1033040

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



10,800 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	24,300	24,300	24,400	24,400	22,900	22,900	23,300	23,300	19,600	19,600
55	21,700	21,700	20,000	20,000	20,100	20,100	20,800	20,800	19,100	19,100	19,600	19,600
60	18,300	18,300	16,600	16,600	16,700	16,700	17,300	17,300	15,700	15,700	16,400	16,400
65	15,700	15,700	14,100	14,100	14,100	14,100	14,800	14,800	13,200	13,200	13,900	13,900
70	13,400	13,400	11,800	11,800	11,800	11,800	12,500	12,500	10,900	10,900	11,600	11,600
75	11,400	11,400	9,900	9,900	9,900	9,900	10,500	10,500	9,000	9,000	9,700	9,700
80	9,700	9,700	8,200	8,200	8,300	8,300	8,900	8,900	7,400	7,400	8,100	8,100
85	8,300	8,300	6,800	6,800	6,900	6,900	7,500	7,500	6,000	6,000	6,700	6,700
90	7,100	7,100	5,600	5,600	5,600	5,600	6,200	6,200	4,800	4,800	5,400	5,400
95	6,000	6,000	4,500	4,500	4,500	4,500	5,100	5,100	3,700	3,700	4,300	4,300
100	5,000	5,000	3,500	3,500	3,600	3,600	4,200	4,200	2,700	2,700	3,400	3,400
105	4,100	4,100	2,700	2,700	2,700	2,700	3,300	3,300	1,900	1,900	2,500	2,500
110	3,300	3,300	1,900	1,900	2,000	2,000	2,500	2,500			1,800	1,800
115	2,600	2,600					1,800	1,800				
120	2,000	2,000										
125	1,400	1,400										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	41.0	41.0	47.5	47.5	47.5	47.5	50.0	50.0	55.5	55.5	57.0	57.0
Max Rad.	128.1	128.1	115.0	115.0	114.7	114.7	119.7	119.7	108.6	108.6	113.0	113.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1033080

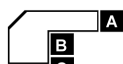
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



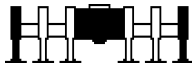
10,800 lbs



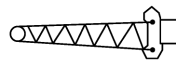
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	24,700	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	21,200	20,000	17,900	16,700	21,100	21,400	19,000	17,100
65	16,900	16,500	16,500		18,300	18,500	17,400	16,500	18,200	18,400	18,500	17,000
70					15,900	16,100	16,700	16,300	15,800	16,000	16,800	16,800
75					14,000	14,100	14,600	15,100	13,900	14,100	14,800	15,500
80					12,300	12,400	12,800	13,200	12,200	12,400	13,000	13,600
85					10,800	10,900	11,200	11,500	10,700	10,900	11,400	11,900
90					9,500	9,600	9,800		9,400	9,600	10,000	10,500
95					8,400	8,500			8,300	8,400	8,800	9,200
100									7,300	7,400	7,800	8,100
105									6,400	6,500	6,800	7,100
110									5,600	5,700	5,900	6,100
115									4,900	5,000	5,200	5,200
120									4,300	4,300	4,400	
125									3,700	3,700		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,200	16,100	16,300	16,300	8,300	8,300	8,400	8,700	3,700	3,700	3,700	3,800

1032010

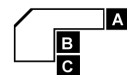
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



10,800 lbs

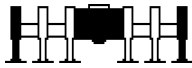


360°

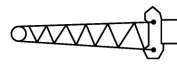


Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	20,200	20,500	19,500	17,100	16,200	16,200	17,300	17,100
65	17,400	17,600	18,600	17,100	16,000	16,200	17,300	17,100
70	15,200	15,400	16,100	17,000	13,800	14,100	15,100	16,000
75	13,100	13,300	14,100	15,000	11,800	12,100	13,000	14,000
80	11,400	11,600	12,300	13,100	10,100	10,400	11,200	12,100
85	10,000	10,100	10,800	11,400	8,700	8,900	9,600	10,500
90	8,700	8,800	9,400	10,000	7,400	7,600	8,300	9,000
95	7,500	7,700	8,200	8,800	6,300	6,500	7,100	7,800
100	6,500	6,700	7,100	7,600	5,300	5,500	6,000	6,700
105	5,600	5,800	6,200	6,600	4,400	4,600	5,100	5,700
110	4,800	4,900	5,300	5,700	3,600	3,800	4,300	4,800
115	4,100	4,200	4,600	4,900	2,900	3,000	3,500	4,000
120	3,500	3,600	3,900	4,200	2,300	2,400	2,800	3,200
125	2,900	3,000	3,200	3,500	1,700	1,800	2,200	2,600
130	2,300	2,400	2,700	2,900		1,200	1,600	2,000
135	1,800	1,900	2,100	2,300				1,400
140	1,400	1,400	1,600	1,700				
145			1,200					
Min Angle	24.0	25.0	24.5	24.5	48.5	48.5	48.5	48.5
Max Rad.	144.8	145.0	147.0	145.8	129.4	130.6	134.8	138.4
Capacity	0	0	0	0	0	0	0	0

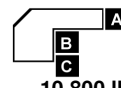
1032010



Full



32.5 ft Hydraulic Offset Fly



10,800 lbs



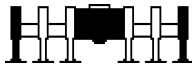
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	24,200	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	20,700	20,900	18,600	17,000
65	16,900	16,500	16,500		17,700	17,700	17,100	16,300	17,800	18,000	18,100	16,800
70					15,400	15,500	15,900	16,300	15,500	15,700	16,300	16,600
75					13,400	13,500	13,800	13,900	13,500	13,700	14,300	15,000
80					11,700	11,800	11,900		11,800	11,900	12,500	13,000
85									10,300	10,400	10,900	11,400
90									9,000	9,100	9,500	9,900
95									7,900	8,000	8,300	8,600
100									6,900	7,000	7,200	7,400
105									6,000	6,100	6,300	
110									5,300	5,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,200	16,100	16,300	16,300	11,400	11,400	11,500	12,000	5,100	5,100	5,200	5,300

1032020

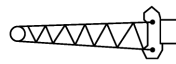
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	27,800	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	23,300	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	19,800	20,100	19,500	17,100	18,300	18,700	19,700	17,100
65	16,900	17,200	18,200	17,100	15,600	15,800	16,900	17,100
70	14,700	14,900	15,600	16,600	13,400	13,600	14,600	15,600
75	12,700	12,900	13,700	14,500	11,400	11,600	12,500	13,600
80	11,000	11,200	11,900	12,600	9,700	9,900	10,800	11,700
85	9,500	9,700	10,300	11,000	8,200	8,400	9,200	10,000
90	8,300	8,400	9,000	9,600	7,000	7,200	7,900	8,600
95	7,100	7,300	7,800	8,300	5,900	6,000	6,700	7,400
100	6,100	6,300	6,700	7,200	4,900	5,000	5,600	6,200
105	5,300	5,400	5,800	6,200	4,000	4,200	4,700	5,300
110	4,500	4,600	4,900	5,300	3,200	3,400	3,800	4,400
115	3,700	3,800	4,200	4,400	2,500	2,600	3,100	3,500
120	3,100	3,200	3,500	3,700	1,900	2,000	2,400	2,800
125	2,500	2,600	2,800	3,000	1,300	1,400	1,800	2,100
130	2,000	2,000	2,200				1,200	1,500
135	1,500	1,600	1,700					
Min Angle	12.0	13.0	10.0	10.0	45.0	45.0	45.0	45.5
Max Rad.	140.0	140.0	140.0	140.0	125.9	127.1	131.0	133.3
Capacity	0	0	0	0	0	0	0	0

1032020

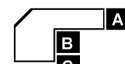
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



10,800 lbs



Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
40	19,300	19,300		
45	19,300	19,300		
50	19,300	19,300	19,700	
55	19,300	19,300	19,700	17,100
60	17,400	17,700	19,100	17,100
65	14,800	15,100	16,100	17,100
70	12,400	12,700	13,800	15,100
75	10,500	10,700	11,700	12,800
80	8,800	9,000	10,000	11,000
85	7,400	7,600	8,400	9,300
90	6,100	6,300	7,100	7,900
95	5,000	5,200	5,900	6,700
100	4,000	4,200	4,900	5,500
105	3,200	3,300	3,900	4,600
110	2,400	2,500	3,100	3,700
115	1,700	1,800	2,300	2,900
120			1,600	2,100
125				1,500
Min Angle	52.5	52.5	53.0	53.0
Max Rad.	118.2	119.5	124.0	127.0
Capacity	0	0	0	0

1032020

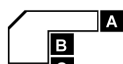
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



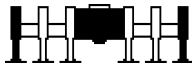
10,800 lbs



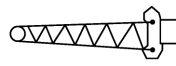
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	9,400	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	8,300	8,500	8,100	7,700
105					7,900	7,900	7,600	7,500	7,400	7,600	8,000	7,600
110					7,100	7,200	7,500	7,400	6,600	6,800	7,300	7,500
115					6,400	6,400	6,500		5,900	6,000	6,500	7,000
120									5,200	5,300	5,800	6,200
125									4,600	4,700	5,100	5,400
130									4,100	4,100	4,500	4,700
135									3,600	3,600	3,900	4,000
140									3,100	3,200	3,300	
145									2,700	2,700	2,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	6,000	6,000	6,100	6,400	2,500	2,500	2,500	2,700

1032030

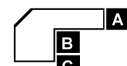
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



10,800 lbs



360°



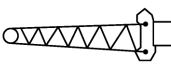
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,000	10,800	9,300	8,300
85	10,900	10,300	9,000	8,100	9,500	9,800	9,200	8,200
90	9,600	9,800	8,800	8,000	8,200	8,500	9,000	8,200
95	8,400	8,600	8,700	7,900	7,100	7,400	8,400	8,100
100	7,400	7,600	8,400	7,900	6,100	6,300	7,300	8,000
105	6,500	6,700	7,500	7,800	5,200	5,400	6,300	7,400
110	5,700	5,900	6,600	7,300	4,400	4,600	5,500	6,400
115	4,900	5,100	5,800	6,500	3,600	3,900	4,700	5,500
120	4,300	4,400	5,000	5,700	3,000	3,200	3,900	4,800
125	3,700	3,800	4,400	4,900	2,400	2,600	3,300	4,000
130	3,100	3,200	3,800	4,300	1,800	2,000	2,700	3,400
135	2,600	2,700	3,200	3,700	1,300	1,500	2,100	2,800
140	2,100	2,300	2,700	3,100			1,600	2,200
145	1,700	1,800	2,200	2,500			1,100	1,700
150	1,300	1,400	1,700	2,000				1,200
155			1,300	1,600				
160				1,100				
Min Angle	32.0	33.0	33.5	33.0	51.0	51.0	51.5	52.0
Max Rad.	155.0	155.0	158.8	160.8	138.1	140.0	146.2	152.0
Capacity	0	0	0	0	0	0	0	0

1032030

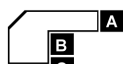
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



10,800 lbs



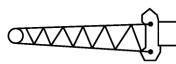
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,200	8,800	8,100	7,700
100					7,800	7,600	7,600		8,200	8,300	7,900	7,600
105									7,300	7,400	7,800	7,500
110									6,500	6,600	7,100	7,500
115									5,700	5,800	6,200	6,600
120									5,100	5,200	5,500	5,700
125									4,500	4,500	4,800	
130									3,900	4,000	4,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	3,600	3,600	3,700	3,900

1032040

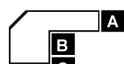
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



10,800 lbs



360°



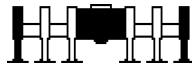
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,400	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	10,700	10,800	9,300	8,300
85	10,600	10,100	8,800	8,000	9,200	9,600	9,100	8,200
90	9,300	9,600	8,700	7,900	7,900	8,200	9,000	8,100
95	8,200	8,400	8,500	7,900	6,800	7,100	8,200	8,000
100	7,200	7,400	8,200	7,800	5,800	6,100	7,100	7,900
105	6,300	6,500	7,200	7,700	4,900	5,100	6,100	7,100
110	5,500	5,600	6,300	7,100	4,100	4,300	5,200	6,100
115	4,700	4,900	5,500	6,200	3,400	3,600	4,400	5,300
120	4,100	4,200	4,800	5,400	2,700	2,900	3,700	4,500
125	3,500	3,600	4,100	4,600	2,100	2,300	3,000	3,700
130	2,900	3,000	3,500	4,000	1,600	1,700	2,400	3,100
135	2,400	2,500	2,900	3,300		1,200	1,800	2,400
140	2,000	2,100	2,400	2,700			1,300	1,900
145	1,500	1,600	1,900	2,200				1,300
150	1,100	1,200	1,500	1,500				
Min Angle	24.5	24.5	25.5	23.5	48.0	48.0	49.0	49.5
Max Rad.	151.7	152.5	155.0	153.1	134.9	137.0	142.8	148.0
Capacity	0	0	0	0	0	0	0	0

1032040

Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
45	13,100	13,100		
50	13,100	12,500	12,500	
55	13,100	12,200	12,200	
60	13,100	12,000	10,100	10,100
65	13,100	11,700	9,900	9,900
70	13,100	11,400	9,700	8,600
75	11,500	11,200	9,600	8,500
80	9,800	10,200	9,400	8,400
85	8,300	8,700	9,200	8,300
90	7,000	7,400	8,700	8,200
95	5,900	6,200	7,400	8,100
100	4,900	5,200	6,300	7,500
105	4,000	4,300	5,300	6,500
110	3,200	3,500	4,400	5,500
115	2,500	2,800	3,600	4,600
120	1,900	2,100	2,900	3,800
125		1,500	2,300	3,100
130			1,700	2,400
135				1,800
140				1,200
Min Angle	55.5	55.5	55.5	56.0
Max Rad.	125.0	127.2	135.0	141.4
Capacity	0	0	0	0

1032040

Rated Lifting
Capacities in
Pounds



Full



15,200 lbs



360°

Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	222,800	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	198,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	169,900	135,200	172,900	172,000	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	127,300	118,800	131,900	130,600	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	89,500	96,400	95,100	93,500	69,500	97,700	96,400	93,800	64,500	62,300	90,300	92,200
30	62,600	69,400	68,200	66,700	62,300	71,700	69,600	67,000	57,700	55,800	72,100	69,300
35		51,600	50,400	49,000	55,000	54,000	51,900	49,500	52,100	50,500	54,400	51,600
40		39,900	38,800	37,500	43,300	42,400	40,400	38,200	44,400	43,600	42,800	40,200
45		31,700	30,700	29,400	35,000	34,100	32,300	30,300	36,100	35,400	34,600	32,100
50					28,900	28,000	26,300	24,300	30,100	29,500	28,700	26,300
55					24,100	23,300	21,600	19,700	25,400	24,800	24,000	21,800
60					20,400	19,600	17,900	16,100	21,600	21,000	20,200	18,100
65								13,100	18,500	17,900	17,200	15,100
70									16,000	15,500	14,700	12,700
75									13,900	13,300	12,600	10,600
80												8,800
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	46,900	26,900	25,400	23,700	18,300	17,300	15,100	12,800	12,700	11,900	11,100	8,600

1040010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	92,400	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	65,600	48,100	62,600	71,400	67,800	64,600	48,500	66,100	46,600	69,800	63,000	43,200	50,100
35	48,200	43,600	56,200	53,700	50,100	47,500	44,000	55,300	42,300	52,200	49,100	39,300	47,100
40	37,100	39,700	44,400	42,200	38,900	36,300	40,200	43,600	38,600	40,700	37,900	35,900	43,400
45	29,300	36,400	36,100	34,000	31,000	28,600	36,700	35,400	35,400	32,700	30,100	32,900	36,000
50	23,500	30,900	30,200	28,100	25,200	22,800	30,800	29,500	29,700	26,900	24,300	30,400	30,100
55	19,100	26,200	25,500	23,500	20,700	18,400	26,100	24,800	25,000	22,300	19,800	26,000	25,400
60	15,500	22,400	21,800	19,900	17,100	15,000	22,300	21,100	21,300	18,700	16,300	22,300	21,700
65	12,600	19,400	18,800	16,900	14,300	12,200	19,300	18,200	18,300	15,800	13,600	19,200	18,700
70	10,200	16,800	16,200	14,500	11,900	9,800	16,800	15,700	15,900	13,500	11,200	16,800	16,200
75	8,100	14,800	14,200	12,400	9,800	7,700	14,800	13,700	13,900	11,400	9,200	14,800	14,300
80	6,300	12,900	12,300	10,600	8,000	6,000	13,000	11,900	12,000	9,600	7,400	13,000	12,500
85		11,300	10,700	9,000	6,500	4,500	11,400	10,300	10,500	8,100	5,900	11,500	10,900
90		10,000	9,400	7,700	5,100	3,200	10,000	8,900	9,100	6,700	4,600	10,100	9,600
95				6,500	4,000		8,800	7,700	7,900	5,600	3,400	8,800	8,300
100							7,700	6,700	6,800	4,500	2,400	7,800	7,300
105							6,800	5,700	5,900	3,600		6,800	6,300
110										2,700		6,000	5,500
115												5,200	4,700
120												4,500	4,000
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	95.0	108.8	109.7	109.7	111.5	104.9	124.3	124.7
Capacity	5,700	9,200	8,500	6,500	3,600	0	6,200	5,000	5,100	2,500	0	4,000	3,400

1040010

Rated Lifting
Capacities in
Pounds



Full

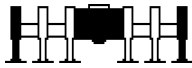


15,200 lbs

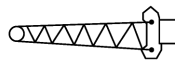


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	53,700	50,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	42,100	39,600	42,400	33,600	41,000	30,000	33,600	35,400	26,600	27,900	22,500
45	34,000	31,600	34,600	30,800	32,900	29,700	32,500	33,600	26,600	27,900	22,500
50	28,100	25,900	28,800	28,400	27,100	27,400	27,700	27,800	26,600	26,800	22,500
55	23,500	21,300	24,200	24,000	22,600	24,900	23,100	23,200	24,000	22,300	22,500
60	19,900	17,800	20,500	20,400	18,900	21,200	19,500	19,600	20,300	18,700	19,500
65	16,900	15,000	17,500	17,400	16,000	18,200	16,600	16,600	17,300	15,700	16,500
70	14,600	12,600	15,200	15,100	13,700	15,700	14,300	14,300	15,100	13,500	14,300
75	12,600	10,600	13,200	13,000	11,700	13,800	12,200	12,300	13,000	11,500	12,200
80	10,800	8,800	11,400	11,300	9,900	12,100	10,500	10,500	11,200	9,700	10,500
85	9,300	7,400	9,900	9,800	8,400	10,500	9,000	9,000	9,700	8,200	9,000
90	7,900	6,000	8,500	8,400	7,100	9,200	7,700	7,700	8,400	6,900	7,700
95	6,700	4,900	7,400	7,300	6,000	8,000	6,500	6,600	7,200	5,800	6,500
100	5,700	3,800	6,300	6,200	4,900	7,000	5,500	5,500	6,200	4,700	5,500
105	4,700	2,900	5,400	5,300	4,000	6,100	4,600	4,600	5,300	3,800	4,600
110	3,900	2,000	4,500	4,400	3,200	5,200	3,700	3,800	4,500	3,000	3,700
115	3,100		3,700	3,600	2,400	4,400	3,000	3,000	3,700	2,300	3,000
120	2,400		3,000	2,900	1,700	3,700	2,300	2,300	3,000	1,600	2,300
125	1,800		2,400	2,300		3,100	1,600	1,700	2,400		1,700
130			1,800	1,700		2,500			1,800		
135			1,300	1,200		2,000			1,300		
140						1,500					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	28.0	16.0	18.5	31.5	24.5	37.0	36.5	39.5	47.5	49.5
Max Rad.	126.5	114.5	136.9	136.0	123.2	144.3	128.6	129.3	136.3	122.0	128.5
Capacity	1,700	0	0	0	0	0	0	0	0	0	0

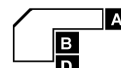
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Full



10 ft Hydraulic Offset Fly



15,200 lbs



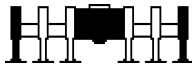
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	67,200	50,300	70,500	52,200	69,400	52,300	68,100	52,400	54,900	48,700	71,700	53,800
35	49,600	49,600	53,000	50,800	51,900	50,900	50,600	50,600	49,200	44,600	54,200	52,300
40	38,400	38,400	41,400	41,400	40,400	40,400	39,200	39,200	43,400	40,900	42,500	42,500
45			33,400	33,400	32,400	32,400	31,400	31,400	35,200	35,200	34,400	34,400
50			27,500	27,500	26,600	26,600	25,500	25,500	29,200	29,200	28,500	28,500
55			23,000	23,000	22,100	22,100	21,100	21,100	24,600	24,600	23,900	23,900
60									20,900	20,900	20,200	20,200
65									18,000	18,000	17,300	17,300
70									15,600	15,600	14,900	14,900
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	31,800	31,800	20,300	20,300	19,100	19,100	17,900	17,900	14,300	14,300	13,400	13,400

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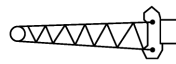
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	69,700	54,000	67,500	54,200	53,300	48,800	52,100	48,000	71,600	54,900	68,900	55,200
35	52,200	52,200	50,000	50,000	47,800	44,600	46,700	43,700	54,100	53,400	51,400	51,400
40	40,700	40,700	38,700	38,700	43,500	40,700	42,400	39,800	42,500	42,500	40,000	40,000
45	32,700	32,700	30,800	30,800	35,800	35,800	35,100	35,100	34,300	34,300	32,000	32,000
50	26,800	26,800	25,000	25,000	29,800	29,800	29,100	29,100	28,400	28,400	26,200	26,200
55	22,300	22,300	20,500	20,500	25,100	25,100	24,500	24,500	23,800	23,800	21,700	21,700
60	18,700	18,700	17,000	17,000	21,400	21,400	20,800	20,800	20,100	20,100	18,100	18,100
65	15,900	15,900	14,200	14,200	18,400	18,400	17,900	17,900	17,200	17,200	15,300	15,300
70	13,500	13,500	11,800	11,800	16,000	16,000	15,500	15,500	14,800	14,800	12,900	12,900
75			9,900	9,900	14,000	14,000	13,400	13,400	12,800	12,800	10,900	10,900
80					12,200	12,200	11,700	11,700	11,000	11,000	9,200	9,200
85					10,700	10,700	10,200	10,200	9,500	9,500	7,700	7,700
90											6,400	6,400
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	11,700	11,700	9,700	9,700	9,900	9,900	9,200	9,200	8,500	8,500	6,300	6,300

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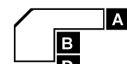
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



15,200 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	65,600	55,400	45,300	42,600	58,300	52,000	70,600	55,300	67,200	55,700	64,200	55,800
35	48,200	48,200	40,900	38,600	52,700	47,600	53,100	53,100	49,700	49,700	47,100	47,100
40	37,100	37,100	37,000	35,200	43,700	43,700	41,600	41,600	38,400	38,400	35,900	35,900
45	29,400	29,400	33,700	32,200	35,500	35,500	33,500	33,500	30,600	30,600	28,300	28,300
50	23,600	23,600	30,200	30,000	29,500	29,500	27,600	27,600	24,800	24,800	22,600	22,600
55	19,100	19,100	25,500	25,500	24,900	24,900	23,000	23,000	20,300	20,300	18,200	18,200
60	15,700	15,700	21,800	21,800	21,200	21,200	19,400	19,400	16,800	16,800	14,800	14,800
65	12,900	12,900	18,800	18,800	18,200	18,200	16,400	16,400	14,000	14,000	12,000	12,000
70	10,600	10,600	16,300	16,300	15,800	15,800	14,100	14,100	11,600	11,600	9,600	9,600
75	8,600	8,600	14,300	14,300	13,800	13,800	12,100	12,100	9,600	9,600	7,700	7,700
80	6,900	6,900	12,500	12,500	12,000	12,000	10,300	10,300	7,900	7,900	6,000	6,000
85	5,500	5,500	11,000	11,000	10,500	10,500	8,800	8,800	6,500	6,500	4,600	4,600
90	4,200	4,200	9,700	9,700	9,100	9,100	7,500	7,500	5,200	5,200	3,300	3,300
95			8,500	8,500	8,000	8,000	6,400	6,400	4,100	4,100	2,200	2,200
100			7,500	7,500	7,000	7,000	5,400	5,400	3,100	3,100		
105							4,500	4,500	2,200	2,200		
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	25.5
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	98.3	100.0
Capacity	3,900	3,900	6,900	6,900	6,300	6,300	4,500	4,500	2,000	2,000	0	0

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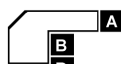
**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



15,200 lbs



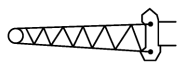
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	54,400	50,200	40,400	38,800	51,300	51,300	48,400	48,400	37,500	36,200
40	38,000	36,500	42,800	42,800	36,600	35,300	40,000	40,000	37,200	37,200	34,100	33,000
45	34,700	33,500	34,600	34,600	33,400	32,400	31,900	31,900	29,500	29,500	31,100	30,300
50	29,900	29,900	28,700	28,700	28,900	28,900	26,200	26,200	23,700	23,700	28,700	28,100
55	25,200	25,200	24,100	24,100	24,200	24,200	21,600	21,600	19,300	19,300	25,000	25,000
60	21,500	21,500	20,400	20,400	20,500	20,500	18,000	18,000	15,800	15,800	21,300	21,300
65	18,500	18,500	17,400	17,400	17,600	17,600	15,300	15,300	13,000	13,000	18,300	18,300
70	16,000	16,000	15,100	15,100	15,200	15,200	12,900	12,900	10,700	10,700	15,800	15,800
75	14,100	14,100	13,000	13,000	13,200	13,200	10,800	10,800	8,700	8,700	13,900	13,900
80	12,300	12,300	11,300	11,300	11,400	11,400	9,100	9,100	7,000	7,000	12,100	12,100
85	10,800	10,800	9,700	9,700	9,900	9,900	7,600	7,600	5,600	5,600	10,600	10,600
90	9,400	9,400	8,400	8,400	8,600	8,600	6,300	6,300	4,300	4,300	9,200	9,200
95	8,300	8,300	7,300	7,300	7,400	7,400	5,200	5,200	3,200	3,200	8,100	8,100
100	7,200	7,200	6,200	6,200	6,400	6,400	4,200	4,200	2,200	2,200	7,000	7,000
105	6,300	6,300	5,300	5,300	5,500	5,500	3,300	3,300			6,100	6,100
110	5,500	5,500	4,500	4,500	4,600	4,600	2,500	2,500			5,300	5,300
115	4,800	4,800	3,800	3,800	3,900	3,900	1,800	1,800			4,500	4,500
120											3,900	3,900
125											3,300	3,300
130											2,700	2,700
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	33.5	33.5	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	118.9	118.9	104.0	104.0	134.4	134.4
Capacity	4,300	4,300	3,200	3,200	3,400	3,400	0	0	0	0	2,300	2,300

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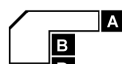
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



15,200 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	49,900	49,900	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	41,100	41,100	38,700	38,700	35,400	35,400	32,200	31,600	38,500	38,500
45	35,000	35,000	33,000	33,000	30,900	30,900	33,500	33,500	29,400	29,000	31,900	31,900
50	29,100	29,100	27,200	27,200	25,000	25,000	27,700	27,700	26,900	26,600	26,100	26,100
55	24,500	24,500	22,600	22,600	20,500	20,500	23,100	23,100	23,000	23,000	21,600	21,600
60	20,800	20,800	19,000	19,000	17,000	17,000	19,500	19,500	19,400	19,400	18,000	18,000
65	17,800	17,800	16,100	16,100	14,300	14,300	16,500	16,500	16,400	16,400	15,200	15,200
70	15,500	15,500	13,800	13,800	11,900	11,900	14,300	14,300	14,200	14,200	12,800	12,800
75	13,400	13,400	11,800	11,800	9,900	9,900	12,200	12,200	12,100	12,100	10,800	10,800
80	11,600	11,600	10,000	10,000	8,100	8,100	10,500	10,500	10,300	10,300	9,100	9,100
85	10,100	10,100	8,500	8,500	6,700	6,700	8,900	8,900	8,800	8,800	7,600	7,600
90	8,800	8,800	7,200	7,200	5,400	5,400	7,600	7,600	7,500	7,500	6,300	6,300
95	7,600	7,600	6,100	6,100	4,300	4,300	6,500	6,500	6,400	6,400	5,100	5,100
100	6,600	6,600	5,000	5,000	3,300	3,300	5,400	5,400	5,300	5,300	4,100	4,100
105	5,600	5,600	4,100	4,100	2,400	2,400	4,500	4,500	4,400	4,400	3,200	3,200
110	4,800	4,800	3,300	3,300	1,600	1,600	3,700	3,700	3,600	3,600	2,400	2,400
115	4,100	4,100	2,600	2,600			3,000	3,000	2,900	2,900	1,700	1,700
120	3,400	3,400	1,900	1,900			2,300	2,300	2,200	2,200		
125	2,800	2,800	1,300	1,300			1,700	1,700	1,600	1,600		
130	2,300	2,300										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	23.5	23.5	37.0	37.0	32.0	32.0	33.5	33.5	40.0	40.0
Max Rad.	134.8	134.8	126.0	126.0	111.4	111.4	130.0	130.0	128.7	128.7	118.3	118.3
Capacity	1,800	1,800	0	0	0	0	0	0	0	0	0	0

1043020

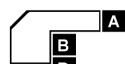
**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



15,200 lbs



360°

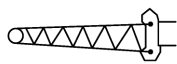
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	26,600	26,600	26,700	26,700	22,900	22,900	24,200	24,200	19,600	19,600
55	23,800	23,700	22,000	22,000	22,100	22,100	22,800	22,800	21,100	21,100	19,600	19,600
60	20,100	20,100	18,400	18,400	18,500	18,500	19,100	19,100	17,500	17,500	18,200	18,200
65	17,100	17,100	15,700	15,700	15,600	15,600	16,200	16,200	14,800	14,800	15,500	15,500
70	14,900	14,900	13,300	13,300	13,300	13,300	14,000	14,000	12,400	12,400	13,100	13,100
75	12,800	12,800	11,200	11,200	11,300	11,300	11,900	11,900	10,400	10,400	11,100	11,100
80	11,000	11,000	9,500	9,500	9,500	9,500	10,200	10,200	8,700	8,700	9,300	9,300
85	9,500	9,500	8,000	8,000	8,000	8,000	8,600	8,600	7,200	7,200	7,800	7,800
90	8,200	8,200	6,700	6,700	6,700	6,700	7,300	7,300	5,900	5,900	6,500	6,500
95	7,000	7,000	5,600	5,600	5,600	5,600	6,200	6,200	4,700	4,700	5,400	5,400
100	6,000	6,000	4,500	4,500	4,600	4,600	5,200	5,200	3,700	3,700	4,400	4,400
105	5,100	5,100	3,600	3,600	3,700	3,700	4,200	4,200	2,800	2,800	3,500	3,500
110	4,200	4,200	2,800	2,800	2,900	2,900	3,400	3,400	2,000	2,000	2,700	2,700
115	3,500	3,500	2,100	2,100	2,100	2,100	2,700	2,700			1,900	1,900
120	2,800	2,800	1,400	1,400	1,500	1,500	2,000	2,000				
125	2,200	2,200					1,400	1,400				
130	1,600	1,600										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	37.0	37.0	44.5	44.5	44.5	44.5	47.5	47.5	53.0	53.0	55.0	55.0
Max Rad.	135.0	135.0	121.4	121.4	122.1	122.1	126.8	126.8	115.0	115.0	120.0	120.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1043010

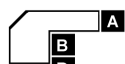
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



15,200 lbs

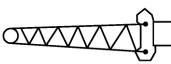


Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	22,900	22,000	19,000	17,100
65	17,000	16,500	16,500		19,900	19,200	17,400	16,500	19,900	20,100	18,500	17,000
70					17,400	17,500	17,100	16,300	17,300	17,500	18,100	16,800
75					15,400	15,500	15,900	16,300	15,300	15,500	16,000	16,600
80					13,500	13,700	14,100	14,500	13,500	13,700	14,200	14,900
85					12,000	12,100	12,400	12,700	11,900	12,100	12,600	13,100
90					10,600	10,700	10,900		10,600	10,700	11,100	11,600
95					9,500	9,500			9,400	9,500	9,900	10,300
100									8,300	8,400	8,700	9,100
105									7,400	7,400	7,700	8,000
110									6,500	6,600	6,800	7,000
115									5,800	5,800	6,000	6,000
120									5,100	5,100	5,200	
125									4,500	4,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	9,400	9,400	9,400	9,800	4,400	4,400	4,500	4,600

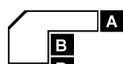
1042010



Full



32.5 ft Hydraulic Offset Fly



15,200 lbs



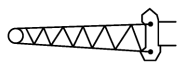
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,100	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	19,000	19,200	19,100	17,100	16,200	16,200	17,300	17,100
70	16,500	16,700	17,600	17,100	15,300	15,600	16,400	17,100
75	14,500	14,700	15,500	16,200	13,200	13,500	14,400	15,400
80	12,700	12,900	13,600	14,400	11,400	11,600	12,500	13,400
85	11,100	11,300	12,000	12,600	9,900	10,100	10,800	11,700
90	9,800	9,900	10,500	11,100	8,500	8,700	9,400	10,200
95	8,600	8,700	9,200	9,800	7,300	7,500	8,100	8,800
100	7,500	7,600	8,100	8,600	6,300	6,400	7,000	7,700
105	6,600	6,700	7,100	7,600	5,400	5,500	6,000	6,600
110	5,700	5,800	6,200	6,600	4,500	4,600	5,200	5,700
115	5,000	5,100	5,400	5,800	3,800	3,900	4,300	4,800
120	4,300	4,400	4,700	5,000	3,100	3,200	3,600	4,100
125	3,600	3,700	4,000	4,300	2,400	2,600	3,000	3,300
130	3,100	3,100	3,400	3,600	1,900	2,000	2,300	2,700
135	2,600	2,600	2,800	3,000	1,400	1,400	1,800	2,100
140	2,100	2,100	2,300	2,400			1,300	1,600
145	1,600	1,700	1,800					
150	1,200	1,300						
Min Angle	13.5	14.0	21.5	7.0	45.0	45.0	45.5	45.5
Max Rad.	153.3	153.8	150.0	149.5	137.8	138.9	141.7	144.9
Capacity	0	0	0	0	0	0	0	0

1042010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



15,200 lbs

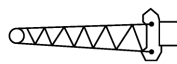


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	22,500	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	19,400	19,600	18,100	16,800
70					16,800	16,900	16,700	16,300	16,900	17,100	17,600	16,600
75					14,800	14,900	15,200	15,300	14,900	15,000	15,700	16,200
80					13,000	13,100	13,200		13,100	13,200	13,800	14,300
85									11,500	11,600	12,100	12,600
90									10,100	10,300	10,700	11,000
95									9,000	9,000	9,400	9,700
100									7,900	8,000	8,200	8,400
105									7,000	7,000	7,200	
110									6,200	6,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	12,700	12,700	12,800	13,300	6,000	6,000	6,100	6,200

1042020



Full



32.5 ft Hydraulic Offset Fly



15,200 lbs



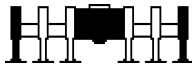
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,400	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	21,600	21,900	19,500	17,100	20,200	20,500	19,700	17,100
65	18,600	18,800	19,000	17,100	17,100	17,400	18,600	17,100
70	16,000	16,300	17,100	17,000	14,900	15,100	15,900	17,100
75	14,100	14,300	15,100	15,800	12,800	13,000	13,900	14,900
80	12,300	12,500	13,200	13,900	11,000	11,200	12,000	13,000
85	10,700	10,900	11,500	12,200	9,400	9,600	10,400	11,200
90	9,400	9,500	10,100	10,700	8,100	8,300	9,000	9,700
95	8,200	8,300	8,800	9,300	6,900	7,100	7,700	8,400
100	7,100	7,300	7,700	8,200	5,900	6,000	6,600	7,200
105	6,200	6,300	6,700	7,100	4,900	5,100	5,600	6,200
110	5,300	5,400	5,800	6,100	4,100	4,200	4,700	5,200
115	4,600	4,700	5,000	5,300	3,400	3,500	3,900	4,400
120	3,900	4,000	4,300	4,500	2,700	2,800	3,200	3,600
125	3,300	3,400	3,600	3,700	2,000	2,200	2,500	2,900
130	2,700	2,800	3,000		1,500	1,600	1,900	2,300
135	2,200	2,300	2,400				1,400	1,600
140	1,800	1,800						
Min Angle	0.0	0.0	0.0	0.0	41.5	42.0	41.5	42.0
Max Rad.	142.3	142.4	142.0	140.1	133.2	134.3	137.9	139.8
Capacity	1,600	1,600	1,600	1,700	0	0	0	0

1042020

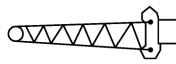
Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
40	19,300	19,300		
45	19,300	19,300		
50	19,300	19,300	19,700	
55	19,300	19,300	19,700	17,100
60	19,200	19,300	19,700	17,100
65	16,200	16,500	17,700	17,100
70	13,900	14,200	15,300	16,300
75	11,900	12,100	13,100	14,200
80	10,100	10,300	11,200	12,200
85	8,600	8,800	9,600	10,500
90	7,200	7,400	8,200	9,000
95	6,100	6,200	6,900	7,700
100	5,000	5,200	5,800	6,500
105	4,100	4,300	4,900	5,500
110	3,300	3,400	4,000	4,500
115	2,500	2,700	3,200	3,700
120	1,800	2,000	2,400	2,900
125		1,300	1,800	2,200
130				1,600
Min Angle	50.0	50.0	50.5	50.5
Max Rad.	124.7	125.9	130.0	134.1
Capacity	0	0	0	0

1042020

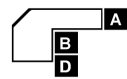
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



15,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,300	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	8,400	8,500	8,000	7,600
110					7,900	7,700	7,500	7,500	7,500	7,600	7,900	7,500
115					7,200	7,300	7,400		6,700	6,800	7,300	7,500
120									6,000	6,100	6,600	7,000
125									5,400	5,500	5,800	6,200
130									4,800	4,900	5,200	5,500
135									4,300	4,300	4,600	4,700
140									3,800	3,800	4,000	
145									3,400	3,400	3,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	6,800	6,800	6,900	7,300	3,100	3,100	3,200	3,300

1042030

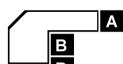
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



15,200 lbs



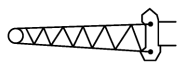
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	10,700	10,500	9,200	8,200
90	10,700	10,000	8,800	8,000	9,300	9,600	9,000	8,200
95	9,500	9,700	8,700	7,900	8,100	8,400	8,900	8,100
100	8,400	8,600	8,500	7,900	7,100	7,300	8,300	8,000
105	7,400	7,600	8,400	7,800	6,100	6,300	7,300	7,900
110	6,600	6,700	7,500	7,700	5,300	5,500	6,300	7,300
115	5,800	5,900	6,600	7,300	4,500	4,700	5,500	6,400
120	5,100	5,200	5,800	6,500	3,800	4,000	4,700	5,600
125	4,400	4,600	5,100	5,700	3,100	3,300	4,000	4,800
130	3,800	4,000	4,500	5,000	2,600	2,700	3,400	4,100
135	3,300	3,400	3,900	4,400	2,000	2,200	2,800	3,500
140	2,800	2,900	3,300	3,800	1,500	1,700	2,300	2,900
145	2,400	2,500	2,800	3,200		1,200	1,800	2,300
150	1,900	2,000	2,400	2,700			1,300	1,800
155	1,600	1,600	1,900	2,200				1,300
160	1,200	1,300	1,500	1,700				
165			1,100					
Min Angle	26.5	27.0	27.5	28.0	49.0	48.5	49.0	49.5
Max Rad.	163.3	163.8	166.7	165.0	145.0	147.1	153.8	158.8
Capacity	0	0	0	0	0	0	0	0

1042030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



15,200 lbs

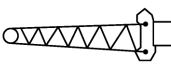


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,200	8,300	7,800	7,500
110									7,300	7,500	7,700	7,500
115									6,600	6,700	7,100	7,500
120									5,900	6,000	6,300	6,500
125									5,200	5,300	5,600	
130									4,700	4,700	4,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	4,300	4,300	4,400	4,600

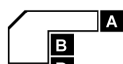
1042040



Full



55 ft Hydraulic Offset Fly



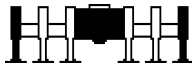
15,200 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,000	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	10,400	10,500	9,100	8,200
90	10,400	9,800	8,700	7,900	9,000	9,400	9,000	8,100
95	9,200	9,500	8,500	7,900	7,800	8,100	8,800	8,000
100	8,200	8,400	8,400	7,800	6,800	7,000	8,100	7,900
105	7,200	7,400	8,100	7,700	5,800	6,100	7,000	7,900
110	6,300	6,500	7,200	7,700	5,000	5,200	6,100	7,000
115	5,600	5,700	6,400	7,000	4,200	4,400	5,200	6,100
120	4,900	5,000	5,600	6,200	3,500	3,700	4,500	5,300
125	4,200	4,400	4,900	5,400	2,900	3,100	3,800	4,500
130	3,700	3,800	4,200	4,700	2,300	2,500	3,100	3,800
135	3,100	3,200	3,600	4,000	1,800	1,900	2,500	3,100
140	2,600	2,700	3,100	3,400	1,300	1,400	2,000	2,500
145	2,200	2,300	2,600	2,800			1,500	2,000
150	1,800	1,800	2,100	2,100				1,500
155	1,400	1,500	1,600					
Min Angle	16.0	17.0	9.5	9.5	45.5	45.5	46.0	46.0
Max Rad.	160.0	160.0	158.6	158.6	142.4	144.3	149.7	155.0
Capacity	0	0	0	0	0	0	0	0

1042040

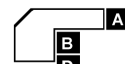
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



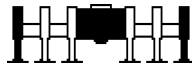
15,200 lbs



Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
45	13,100	13,100		
50	13,100	12,500	12,500	
55	13,100	12,200	12,200	
60	13,100	12,000	10,100	10,100
65	13,100	11,700	9,900	9,900
70	13,100	11,400	9,700	8,600
75	12,900	11,200	9,600	8,500
80	11,100	10,900	9,400	8,400
85	9,500	9,900	9,200	8,300
90	8,200	8,500	9,100	8,200
95	7,000	7,300	8,500	8,100
100	5,900	6,200	7,300	8,000
105	5,000	5,200	6,300	7,400
110	4,100	4,400	5,300	6,400
115	3,400	3,600	4,500	5,500
120	2,700	2,900	3,700	4,600
125	2,000	2,300	3,000	3,900
130	1,500	1,700	2,400	3,200
135			1,800	2,500
140			1,300	1,900
145				1,400
Min Angle	53.0	53.0	53.0	53.5
Max Rad.	132.5	134.7	142.3	148.0
Capacity	0	0	0	0

1042040

Rated Lifting
Capacities in
Pounds



Full



19,600 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	199,600	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	170,800	135,200	173,700	172,900	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	130,500	118,800	134,400	133,200	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	95,100	102,000	100,600	99,000	69,500	97,700	102,000	99,300	64,500	62,300	90,300	92,200
30	67,100	73,600	72,400	71,000	62,300	75,900	73,800	71,400	57,700	55,800	76,300	73,500
35		55,700	54,500	53,100	56,400	58,000	55,900	53,500	52,100	50,500	58,500	55,600
40		43,200	42,100	40,800	46,600	45,700	43,700	41,500	47,600	46,000	46,100	43,500
45		34,500	33,500	32,200	37,800	37,000	35,100	33,100	39,000	38,300	37,400	35,000
50					31,300	30,500	28,800	26,800	32,500	31,800	31,100	28,800
55					26,300	25,500	23,800	21,900	27,600	26,900	26,200	23,900
60					22,300	21,500	19,900	18,000	23,600	22,900	22,200	20,000
65								14,900	20,300	19,700	19,000	16,800
70									17,600	17,000	16,300	14,300
75									15,400	14,800	14,100	12,000
80												10,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	51,200	29,500	27,900	26,200	20,100	19,100	16,900	14,600	14,100	13,300	12,500	9,900

1050010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	70,100	48,100	62,600	74,300	72,000	67,300	48,500	66,100	46,600	74,000	63,000	43,200	50,100
35	52,300	43,600	57,100	57,800	54,200	51,400	44,000	59,400	42,300	56,200	53,200	39,300	47,100
40	40,400	39,700	47,600	45,500	42,200	39,600	40,200	47,000	38,600	44,100	41,200	35,900	43,400
45	32,000	36,400	39,000	36,800	33,700	31,400	36,900	38,200	35,400	35,500	32,800	32,900	38,800
50	26,000	33,200	32,500	30,600	27,600	25,300	33,100	31,800	32,000	29,300	26,800	30,400	32,400
55	21,200	28,300	27,700	25,700	22,800	20,600	28,200	27,000	27,200	24,500	22,000	28,200	27,600
60	17,400	24,400	23,700	21,800	19,000	16,800	24,300	23,100	23,300	20,600	18,200	24,200	23,600
65	14,400	21,200	20,500	18,700	16,000	13,900	21,100	19,900	20,100	17,500	15,300	21,000	20,500
70	11,800	18,400	17,800	16,000	13,500	11,400	18,500	17,300	17,500	15,100	12,800	18,400	17,800
75	9,600	16,200	15,600	13,900	11,300	9,200	16,200	15,200	15,400	12,900	10,700	16,100	15,700
80	7,700	14,300	13,700	11,900	9,400	7,400	14,400	13,300	13,400	11,000	8,800	14,400	13,900
85		12,600	12,000	10,300	7,800	5,800	12,700	11,600	11,700	9,400	7,200	12,700	12,200
90		11,200	10,600	8,900	6,300	4,400	11,200	10,100	10,300	7,900	5,800	11,300	10,800
95				7,600	5,100	3,100	9,900	8,900	9,000	6,700	4,600	10,000	9,500
100							8,800	7,700	7,900	5,600	3,500	8,800	8,300
105							7,800	6,700	6,900	4,600	2,500	7,800	7,300
110										3,700		6,900	6,400
115												6,100	5,600
120												5,400	4,900
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	110.0	124.3	124.7
Capacity	7,100	10,300	9,600	7,600	4,700	2,400	7,100	5,900	6,100	3,500	0	4,800	4,300

1050010

Rated Lifting
Capacities in
Pounds



Full



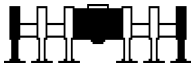
19,600 lbs



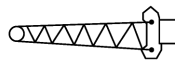
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	45,500	43,000	42,400	33,600	44,300	30,000	33,600	35,400	26,600	27,900	22,500
45	36,800	34,400	37,500	30,800	35,700	29,700	32,500	35,400	26,600	27,900	22,500
50	30,600	28,300	31,200	28,400	29,600	27,400	30,100	30,300	26,600	27,900	22,500
55	25,700	23,500	26,300	26,200	24,700	25,300	25,300	25,400	26,100	24,400	22,500
60	21,800	19,700	22,400	22,300	20,900	23,200	21,500	21,500	22,300	20,600	21,400
65	18,700	16,600	19,300	19,200	17,800	20,000	18,300	18,400	19,100	17,500	18,300
70	16,100	14,200	16,700	16,600	15,300	17,300	15,700	15,800	16,500	15,100	15,700
75	14,000	12,100	14,600	14,500	13,200	15,300	13,700	13,800	14,500	12,900	13,700
80	12,200	10,200	12,800	12,700	11,300	13,400	11,900	11,900	12,600	11,100	11,900
85	10,600	8,600	11,100	11,000	9,700	11,800	10,300	10,300	11,000	9,500	10,300
90	9,100	7,200	9,700	9,600	8,300	10,400	8,900	8,900	9,600	8,100	8,900
95	7,900	6,000	8,500	8,400	7,100	9,100	7,600	7,700	8,400	6,900	7,600
100	6,700	4,900	7,400	7,300	6,000	8,000	6,500	6,600	7,300	5,800	6,500
105	5,700	3,900	6,400	6,300	5,000	7,100	5,600	5,600	6,300	4,800	5,600
110	4,800	3,000	5,500	5,400	4,100	6,200	4,700	4,700	5,400	4,000	4,700
115	4,000	2,200	4,600	4,500	3,300	5,300	3,900	3,900	4,600	3,200	3,900
120	3,300	1,500	3,900	3,800	2,600	4,600	3,100	3,200	3,900	2,500	3,200
125	2,600		3,200	3,100	1,900	3,900	2,500	2,500	3,200	1,800	2,500
130			2,600	2,500	1,300	3,300	1,800	1,900	2,600		1,900
135			2,100	2,000		2,700	1,300	1,300	2,000		1,400
140			1,600	1,500		2,200			1,500		
145						1,700					
150						1,300					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	20.5	0.0	0.0	25.0	12.5	32.0	31.5	35.0	44.0	46.0
Max Rad.	126.5	121.1	141.5	141.5	130.7	153.5	136.1	136.9	144.3	129.5	136.9
Capacity	2,500	0	1,400	1,300	0	0	0	0	0	0	0

1050010

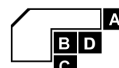
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



19,600 lbs



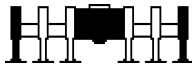
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	74,700	52,200	73,600	52,300	72,300	52,400	54,900	48,700	75,000	53,800
35	53,700	49,800	57,000	50,800	55,900	50,900	54,600	51,000	49,200	44,600	58,200	52,300
40	41,700	41,700	44,800	44,800	43,800	43,800	42,600	42,600	44,800	40,900	45,900	45,900
45			36,200	36,200	35,200	35,200	34,100	34,100	38,000	37,800	37,200	37,200
50			30,000	30,000	29,000	29,000	28,000	28,000	31,700	31,700	30,900	30,900
55			25,100	25,100	24,300	24,300	23,200	23,200	26,800	26,800	26,000	26,000
60									22,900	22,900	22,200	22,200
65									19,700	19,700	19,100	19,100
70									17,200	17,200	16,500	16,500
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	34,700	34,700	22,300	22,300	21,100	21,100	19,800	19,800	15,800	15,800	14,900	14,900

1053010

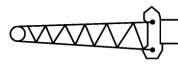
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	73,900	54,000	71,700	54,200	53,300	48,800	52,100	48,000	75,000	54,900	73,100	55,200
35	56,300	52,500	54,000	52,700	47,800	44,600	46,700	43,700	58,200	53,400	55,500	53,700
40	44,100	44,100	42,000	42,000	43,500	40,700	42,400	39,800	45,800	45,800	43,400	43,400
45	35,500	35,500	33,600	33,600	38,600	37,400	37,900	36,600	37,100	37,100	34,800	34,800
50	29,300	29,300	27,500	27,500	32,100	32,100	31,600	31,600	30,900	30,900	28,700	28,700
55	24,500	24,500	22,700	22,700	27,300	27,300	26,700	26,700	26,000	26,000	23,800	23,800
60	20,700	20,700	18,900	18,900	23,400	23,400	22,800	22,800	22,100	22,100	20,000	20,000
65	17,600	17,600	15,900	15,900	20,200	20,200	19,600	19,600	18,900	18,900	17,000	17,000
70	15,100	15,100	13,500	13,500	17,600	17,600	17,000	17,000	16,400	16,400	14,500	14,500
75			11,400	11,400	15,500	15,500	14,900	14,900	14,300	14,300	12,300	12,300
80					13,600	13,600	13,000	13,000	12,400	12,400	10,500	10,500
85					12,000	12,000	11,500	11,500	10,800	10,800	9,000	9,000
90											7,600	7,600
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	13,200	13,200	11,200	11,200	11,100	11,100	10,500	10,500	9,700	9,700	7,500	7,500

1053020

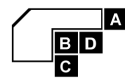
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



19,600 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	69,900	55,400	45,300	42,600	58,300	52,000	71,500	55,300	71,400	55,700	65,800	55,800
35	52,300	52,300	40,900	38,600	52,700	47,600	57,200	54,000	53,700	53,700	51,000	51,000
40	40,400	40,400	37,000	35,200	47,100	44,000	44,900	44,900	41,800	41,800	39,300	39,300
45	32,100	32,100	33,700	32,200	38,300	38,300	36,300	36,300	33,300	33,300	31,100	31,100
50	26,000	26,000	30,900	30,000	31,900	31,900	30,100	30,100	27,200	27,200	25,000	25,000
55	21,300	21,300	27,700	27,700	27,000	27,000	25,200	25,200	22,500	22,500	20,300	20,300
60	17,600	17,600	23,700	23,700	23,100	23,100	21,300	21,300	18,700	18,700	16,600	16,600
65	14,700	14,700	20,500	20,500	20,000	20,000	18,200	18,200	15,800	15,800	13,700	13,700
70	12,200	12,200	17,900	17,900	17,300	17,300	15,700	15,700	13,200	13,200	11,300	11,300
75	10,100	10,100	15,800	15,800	15,200	15,200	13,600	13,600	11,100	11,100	9,200	9,200
80	8,300	8,300	13,900	13,900	13,400	13,400	11,700	11,700	9,300	9,300	7,400	7,400
85	6,800	6,800	12,300	12,300	11,700	11,700	10,100	10,100	7,700	7,700	5,900	5,900
90	5,400	5,400	10,900	10,900	10,300	10,300	8,700	8,700	6,400	6,400	4,500	4,500
95			9,600	9,600	9,100	9,100	7,500	7,500	5,200	5,200	3,400	3,400
100			8,600	8,600	8,000	8,000	6,500	6,500	4,200	4,200	2,300	2,300
105							5,500	5,500	3,200	3,200		
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	104.3	104.3
Capacity	5,000	5,000	8,000	8,000	7,400	7,400	5,500	5,500	3,000	3,000	0	0

1053010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



19,600 lbs

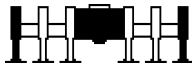


360°

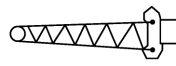
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	55,400	54,200	52,400	52,400	37,500	36,200
40	38,000	36,500	46,100	46,100	36,600	35,300	43,300	43,300	40,600	40,600	34,100	33,000
45	34,700	33,500	37,400	37,400	33,400	32,400	34,800	34,800	32,200	32,200	31,100	30,300
50	31,900	30,900	31,200	31,200	30,600	29,900	28,600	28,600	26,200	26,200	28,700	28,100
55	27,400	27,400	26,200	26,200	26,400	26,400	23,800	23,800	21,400	21,400	26,500	25,900
60	23,500	23,500	22,300	22,300	22,500	22,500	20,000	20,000	17,700	17,700	23,300	23,300
65	20,300	20,300	19,200	19,200	19,300	19,300	16,900	16,900	14,800	14,800	20,100	20,100
70	17,700	17,700	16,600	16,600	16,700	16,700	14,500	14,500	12,300	12,300	17,400	17,400
75	15,600	15,600	14,500	14,500	14,600	14,600	12,300	12,300	10,200	10,200	15,400	15,400
80	13,700	13,700	12,600	12,600	12,800	12,800	10,500	10,500	8,400	8,400	13,500	13,500
85	12,000	12,000	11,000	11,000	11,200	11,200	8,900	8,900	6,800	6,800	11,900	11,900
90	10,600	10,600	9,600	9,600	9,800	9,800	7,500	7,500	5,500	5,500	10,400	10,400
95	9,400	9,400	8,400	8,400	8,500	8,500	6,300	6,300	4,300	4,300	9,200	9,200
100	8,300	8,300	7,300	7,300	7,400	7,400	5,200	5,200	3,200	3,200	8,100	8,100
105	7,300	7,300	6,300	6,300	6,500	6,500	4,300	4,300	2,300	2,300	7,100	7,100
110	6,400	6,400	5,500	5,500	5,600	5,600	3,400	3,400	1,500	1,500	6,200	6,200
115	5,700	5,700	4,700	4,700	4,800	4,800	2,700	2,700			5,400	5,400
120							2,000	2,000			4,700	4,700
125											4,100	4,100
130											3,500	3,500
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	27.5	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	110.5	110.5	134.4	134.4
Capacity	5,200	5,200	4,100	4,100	4,200	4,200	1,900	1,900	0	0	3,100	3,100

1053010

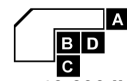
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



19,600 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	44,500	44,500	42,000	42,000	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	35,900	35,900	33,600	33,600	35,400	35,400	29,400	29,000	34,700	34,700
50	31,600	31,600	29,700	29,700	27,500	27,500	30,200	30,200	26,900	26,600	28,600	28,600
55	26,600	26,600	24,800	24,800	22,700	22,700	25,300	25,300	24,700	24,500	23,800	23,800
60	22,700	22,700	21,000	21,000	18,900	18,900	21,400	21,400	21,300	21,300	19,900	19,900
65	19,500	19,500	17,800	17,800	15,900	15,900	18,300	18,300	18,200	18,200	16,800	16,800
70	16,900	16,900	15,400	15,400	13,500	13,500	15,700	15,700	15,800	15,800	14,400	14,400
75	14,900	14,900	13,200	13,200	11,300	11,300	13,700	13,700	13,600	13,600	12,300	12,300
80	13,000	13,000	11,400	11,400	9,500	9,500	11,800	11,800	11,700	11,700	10,400	10,400
85	11,400	11,400	9,800	9,800	8,000	8,000	10,200	10,200	10,100	10,100	8,900	8,900
90	10,000	10,000	8,400	8,400	6,600	6,600	8,800	8,800	8,700	8,700	7,500	7,500
95	8,700	8,700	7,200	7,200	5,400	5,400	7,600	7,600	7,500	7,500	6,300	6,300
100	7,600	7,600	6,100	6,100	4,300	4,300	6,500	6,500	6,400	6,400	5,200	5,200
105	6,600	6,600	5,100	5,100	3,400	3,400	5,500	5,500	5,400	5,400	4,200	4,200
110	5,800	5,800	4,300	4,300	2,500	2,500	4,700	4,700	4,600	4,600	3,400	3,400
115	5,000	5,000	3,500	3,500	1,800	1,800	3,900	3,900	3,800	3,800	2,600	2,600
120	4,300	4,300	2,800	2,800			3,200	3,200	3,100	3,100	1,900	1,900
125	3,600	3,600	2,200	2,200			2,500	2,500	2,400	2,400		
130	3,100	3,100	1,600	1,600			1,900	1,900	1,900	1,900		
135							1,400	1,400	1,300	1,300		
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	11.5	11.5	32.0	32.0	26.0	26.0	27.0	27.0	36.0	36.0
Max Rad.	134.8	134.8	134.1	134.1	118.3	118.3	137.6	137.6	136.5	136.5	124.9	124.9
Capacity	2,600	2,600	0	0	0	0	0	0	0	0	0	0

1053020

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



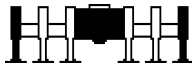
19,600 lbs



Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,100	29,100	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	24,200	24,200	24,300	24,300	22,900	22,900	23,300	23,300	19,600	19,600
60	22,000	21,900	20,400	20,400	20,400	20,400	21,100	21,100	19,500	19,500	19,600	19,600
65	18,900	18,900	17,300	17,300	17,300	17,300	17,900	17,900	16,400	16,400	17,100	17,100
70	16,300	16,300	14,900	14,900	14,900	14,900	15,600	15,600	14,000	14,000	14,700	14,700
75	14,300	14,300	12,700	12,700	12,800	12,800	13,400	13,400	11,900	11,900	12,600	12,600
80	12,400	12,400	10,900	10,900	10,900	10,900	11,500	11,500	10,000	10,000	10,700	10,700
85	10,800	10,800	9,300	9,300	9,300	9,300	9,900	9,900	8,500	8,500	9,100	9,100
90	9,400	9,400	7,900	7,900	7,900	7,900	8,500	8,500	7,100	7,100	7,700	7,700
95	8,100	8,100	6,700	6,700	6,700	6,700	7,300	7,300	5,900	5,900	6,500	6,500
100	7,000	7,000	5,600	5,600	5,600	5,600	6,200	6,200	4,800	4,800	5,400	5,400
105	6,100	6,100	4,600	4,600	4,700	4,700	5,200	5,200	3,800	3,800	4,500	4,500
110	5,200	5,200	3,800	3,800	3,800	3,800	4,400	4,400	3,000	3,000	3,600	3,600
115	4,400	4,400	3,000	3,000	3,000	3,000	3,600	3,600	2,200	2,200	2,800	2,800
120	3,700	3,700	2,300	2,300	2,300	2,300	2,900	2,900	1,500	1,500	2,100	2,100
125	3,000	3,000	1,600	1,600	1,700	1,700	2,200	2,200			1,500	1,500
130	2,400	2,400					1,600	1,600				
135	1,900	1,900										
140	1,400	1,400										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	32.0	32.0	41.0	41.0	41.0	41.0	43.5	43.5	50.5	50.5	52.5	52.5
Max Rad.	143.4	143.4	128.4	128.4	129.1	129.1	134.7	134.7	121.5	121.5	127.2	127.2
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1053010

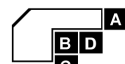
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



19,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,600	21,300	18,500	17,000
70					19,000	18,400	17,100	16,300	18,900	19,100	18,100	16,800
75					16,700	16,900	17,100	16,300	16,700	16,800	17,500	16,600
80					14,900	15,000	15,400	15,800	14,900	15,000	15,600	16,100
85					13,300	13,400	13,700	13,900	13,200	13,300	13,900	14,400
90					11,800	11,900	12,100		11,800	11,900	12,300	12,800
95					10,600	10,600			10,500	10,600	11,000	11,400
100									9,400	9,500	9,800	10,100
105									8,400	8,400	8,700	9,000
110									7,500	7,500	7,800	8,000
115									6,700	6,700	6,900	6,900
120									5,900	6,000	6,100	
125									5,300	5,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	10,500	10,500	10,500	10,900	5,200	5,200	5,300	5,400

1052010



Full



32.5 ft Hydraulic Offset Fly



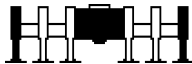
19,600 lbs



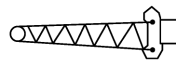
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,800	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	18,100	18,300	18,600	17,100	16,200	16,200	17,300	17,100
75	15,800	16,000	16,800	16,900	14,700	14,900	15,600	16,600
80	14,100	14,300	15,000	15,600	12,800	13,000	13,800	14,800
85	12,400	12,600	13,200	13,900	11,200	11,400	12,100	12,900
90	11,000	11,100	11,700	12,300	9,700	9,900	10,600	11,400
95	9,700	9,800	10,400	10,900	8,500	8,600	9,300	10,000
100	8,600	8,700	9,200	9,700	7,400	7,500	8,100	8,700
105	7,600	7,700	8,100	8,600	6,400	6,500	7,000	7,600
110	6,700	6,800	7,200	7,600	5,500	5,600	6,100	6,600
115	5,900	6,000	6,300	6,700	4,700	4,800	5,300	5,700
120	5,100	5,200	5,500	5,800	3,900	4,100	4,500	4,900
125	4,500	4,600	4,800	5,100	3,300	3,400	3,800	4,200
130	3,900	3,900	4,200	4,400	2,700	2,800	3,100	3,500
135	3,300	3,400	3,600	3,800	2,100	2,200	2,500	2,900
140	2,800	2,900	3,000	3,100	1,600	1,700	2,000	2,300
145	2,300	2,400	2,500		1,100	1,200	1,500	1,700
150	1,900	1,900	2,000					1,200
155	1,500	1,600						
Min Angle	0.0	0.0	0.0	0.0	41.5	41.5	41.5	41.5
Max Rad.	156.9	156.9	156.6	154.6	145.6	146.6	150.0	152.5
Capacity	1,400	1,400	1,500	1,500	0	0	0	0

1052010

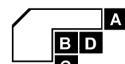
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



19,600 lbs



Bm Length	180.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
45	14,800	14,800		
50	14,800	14,800	15,200	
55	14,800	14,800	15,200	
60	14,800	14,800	15,200	16,900
65	14,800	14,800	15,200	16,900
70	14,800	14,800	15,200	16,900
75	13,800	14,100	15,000	15,900
80	11,900	12,100	13,000	14,000
85	10,300	10,500	11,300	12,200
90	8,900	9,100	9,800	10,600
95	7,600	7,800	8,500	9,300
100	6,500	6,700	7,300	8,000
105	5,500	5,700	6,300	6,900
110	4,600	4,800	5,300	5,900
115	3,800	4,000	4,500	5,000
120	3,100	3,200	3,700	4,200
125	2,400	2,600	3,000	3,500
130	1,800	2,000	2,400	2,800
135	1,300	1,400	1,800	2,200
140			1,200	1,600
Min Angle	50.0	50.5	50.5	50.5
Max Rad.	136.1	137.3	141.6	145.0
Capacity	0	0	0	0

1052010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



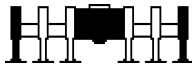
19,600 lbs



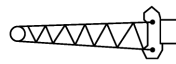
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	21,200	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	18,500	18,700	17,600	16,600
75					16,200	16,300	16,400	16,300	16,200	16,400	17,000	16,400
80					14,400	14,400	14,600		14,400	14,600	15,100	15,700
85									12,800	12,900	13,400	13,800
90									11,300	11,400	11,800	12,200
95									10,100	10,200	10,500	10,800
100									9,000	9,000	9,300	9,400
105									8,000	8,000	8,200	
110									7,100	7,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	14,000	14,000	14,100	14,700	7,000	7,000	7,000	7,200

1052020

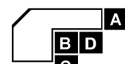
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



19,600 lbs

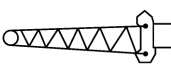


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,600	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	20,300	20,600	19,000	17,100	18,900	19,200	19,300	17,100
70	17,700	17,900	18,500	17,000	16,300	16,500	17,600	17,100
75	15,600	15,700	16,400	16,800	14,300	14,500	15,400	16,200
80	13,700	13,800	14,500	15,300	12,400	12,600	13,400	14,300
85	12,000	12,200	12,800	13,500	10,700	10,900	11,700	12,500
90	10,600	10,700	11,300	11,900	9,300	9,500	10,200	10,900
95	9,300	9,400	10,000	10,500	8,000	8,200	8,900	9,500
100	8,200	8,300	8,800	9,200	6,900	7,100	7,700	8,300
105	7,200	7,300	7,700	8,100	5,900	6,100	6,600	7,200
110	6,300	6,400	6,800	7,100	5,100	5,200	5,700	6,200
115	5,500	5,600	5,900	6,200	4,300	4,400	4,800	5,300
120	4,800	4,900	5,100	5,300	3,500	3,600	4,100	4,500
125	4,100	4,200	4,400	4,600	2,900	3,000	3,400	3,700
130	3,500	3,600	3,800		2,300	2,400	2,700	3,000
135	3,000	3,000	3,100		1,700	1,800	2,100	2,400
140	2,500	2,500			1,200	1,300	1,600	1,800
145								1,300
Min Angle	0.0	0.0	0.0	0.0	37.5	37.5	37.5	37.5
Max Rad.	142.3	142.4	142.0	140.1	140.9	141.9	145.0	147.4
Capacity	2,300	2,300	2,300	2,400	0	0	0	0

1052020



Full



32.5 ft Hydraulic Offset Fly



19,600 lbs



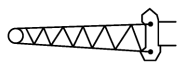
Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
40	19,300	19,300		
45	19,300	19,300		
50	19,300	19,300	19,700	
55	19,300	19,300	19,700	17,100
60	19,300	19,300	19,700	17,100
65	17,900	18,300	19,300	17,100
70	15,500	15,600	16,700	17,100
75	13,300	13,600	14,600	15,600
80	11,500	11,700	12,600	13,600
85	9,800	10,100	10,900	11,800
90	8,400	8,600	9,400	10,200
95	7,200	7,400	8,100	8,800
100	6,100	6,300	6,900	7,600
105	5,100	5,300	5,900	6,500
110	4,200	4,400	4,900	5,500
115	3,400	3,600	4,100	4,600
120	2,700	2,800	3,300	3,800
125	2,000	2,200	2,600	3,000
130	1,400	1,600	2,000	2,400
135			1,400	1,700
140				1,200
Min Angle	47.5	47.5	47.5	47.5
Max Rad.	132.1	133.3	137.4	140.9
Capacity	0	0	0	0

1052020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



19,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,400	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	8,500	8,500	7,900	7,500
115					7,700	7,600	7,500		7,600	7,800	7,800	7,500
120									6,900	7,000	7,400	7,500
125									6,200	6,300	6,700	7,000
130									5,600	5,700	6,000	6,300
135									5,000	5,100	5,400	5,400
140									4,500	4,600	4,800	
145									4,100	4,100	4,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	3,800	3,800	3,900	4,100

1052030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



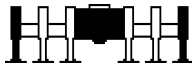
19,600 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	10,500	10,300	9,000	8,200
95	10,600	9,800	8,700	7,900	9,200	9,500	8,900	8,100
100	9,400	9,600	8,500	7,900	8,100	8,400	8,800	8,000
105	8,400	8,600	8,400	7,800	7,100	7,400	8,300	7,900
110	7,500	7,700	8,300	7,700	6,200	6,400	7,300	7,900
115	6,700	6,900	7,500	7,700	5,400	5,600	6,400	7,300
120	5,900	6,100	6,700	7,300	4,600	4,800	5,600	6,400
125	5,300	5,400	6,000	6,500	4,000	4,200	4,900	5,600
130	4,600	4,800	5,300	5,800	3,400	3,500	4,200	4,900
135	4,100	4,200	4,700	5,100	2,800	3,000	3,600	4,200
140	3,500	3,700	4,100	4,500	2,300	2,400	3,000	3,600
145	3,100	3,200	3,500	3,900	1,800	1,900	2,500	3,000
150	2,600	2,700	3,000	3,300	1,400	1,500	2,000	2,500
155	2,200	2,300	2,600	2,800		1,100	1,500	2,000
160	1,800	1,900	2,200	2,300			1,100	1,500
165	1,500	1,500	1,700					1,100
170	1,200	1,200	1,400					
Min Angle	17.5	18.0	18.5	28.5	45.5	45.5	46.5	46.5
Max Rad.	173.3	173.3	173.2	165.0	154.0	156.3	161.3	166.0
Capacity	0	0	0	0	0	0	0	0

1052030

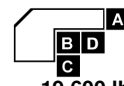
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



19,600 lbs



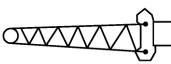
Bm Length	180.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
50	10,600	10,600		
55	10,600	10,600		
60	10,600	10,600		
65	10,600	10,600	11,100	
70	10,600	10,600	9,700	9,700
75	10,600	10,600	9,500	8,500
80	10,600	10,600	9,400	8,400
85	10,600	10,600	9,200	8,300
90	9,600	10,000	9,100	8,200
95	8,400	8,700	9,000	8,100
100	7,300	7,500	8,600	8,100
105	6,300	6,500	7,500	8,000
110	5,400	5,600	6,600	7,600
115	4,500	4,800	5,700	6,700
120	3,800	4,000	4,900	5,800
125	3,100	3,300	4,100	5,000
130	2,500	2,700	3,500	4,300
135	2,000	2,200	2,800	3,600
140	1,500	1,600	2,300	3,000
145		1,100	1,700	2,400
150			1,300	1,800
155				1,300
Min Angle	53.0	53.5	54.0	54.0
Max Rad.	143.6	145.8	151.9	158.8
Capacity	0	0	0	0

1052030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



19,600 lbs



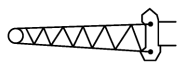
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,300	8,100	7,700	7,500
115									7,500	7,600	7,600	7,500
120									6,700	6,800	7,200	7,400
125									6,100	6,100	6,400	
130									5,500	5,500	5,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	5,100	5,100	5,200	5,500

1052040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



19,600 lbs

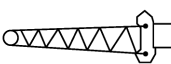


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	11,700	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	10,200	10,300	9,000	8,100
95	10,400	9,500	8,500	7,900	9,000	9,300	8,800	8,000
100	9,200	9,300	8,400	7,800	7,800	8,100	8,700	7,900
105	8,200	8,400	8,200	7,700	6,800	7,100	8,000	7,900
110	7,300	7,500	8,100	7,700	5,900	6,200	7,000	7,800
115	6,500	6,600	7,300	7,600	5,100	5,300	6,100	7,000
120	5,700	5,900	6,500	7,000	4,400	4,600	5,300	6,100
125	5,100	5,200	5,700	6,200	3,700	3,900	4,600	5,300
130	4,400	4,600	5,000	5,500	3,100	3,300	3,900	4,600
135	3,900	4,000	4,400	4,800	2,500	2,700	3,300	3,900
140	3,400	3,500	3,800	4,100	2,000	2,200	2,700	3,300
145	2,900	3,000	3,300	3,500	1,600	1,700	2,200	2,700
150	2,400	2,500	2,800	2,800	1,100	1,200	1,700	2,100
155	2,000	2,100	2,300				1,200	1,600
160	1,700	1,700	1,800					1,200
Min Angle	0.0	0.0	0.0	0.0	42.0	42.0	42.0	42.5
Max Rad.	164.8	164.9	164.1	161.0	150.6	152.4	157.5	162.0
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

1052040



Full



55 ft Hydraulic Offset Fly



19,600 lbs



Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
45	13,100	13,100		
50	13,100	12,500	12,500	
55	13,100	12,200	12,200	
60	13,100	12,000	10,100	10,100
65	13,100	11,700	9,900	9,900
70	13,100	11,400	9,700	8,600
75	13,000	11,200	9,600	8,500
80	12,400	10,900	9,400	8,400
85	10,800	10,700	9,200	8,300
90	9,400	9,700	9,100	8,200
95	8,100	8,400	8,900	8,100
100	7,000	7,300	8,400	8,000
105	6,000	6,200	7,300	7,900
110	5,100	5,300	6,300	7,300
115	4,300	4,500	5,400	6,400
120	3,500	3,800	4,600	5,500
125	2,900	3,100	3,900	4,700
130	2,300	2,500	3,200	4,000
135	1,700	1,900	2,600	3,300
140	1,200	1,400	2,000	2,600
145			1,500	2,100
150				1,500
Min Angle	50.0	50.0	51.0	51.0
Max Rad.	141.1	143.2	149.1	155.0
Capacity	0	0	0	0

1052040

Rated Lifting Capacities in Pounds



Full



24,000 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	200,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	171,700	135,200	174,600	173,700	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	132,800	118,800	136,600	135,500	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	100,200	105,900	104,900	103,600	69,500	97,700	105,900	104,100	64,500	62,300	90,300	92,200
30	71,000	77,500	76,300	74,900	62,300	79,700	77,700	75,300	57,700	55,800	80,000	77,400
35		59,400	58,300	56,900	56,400	61,800	59,700	57,300	52,100	50,500	62,100	59,400
40		46,300	45,200	43,900	49,700	48,700	46,900	44,600	47,600	46,000	49,100	46,600
45		37,100	36,100	34,900	40,500	39,600	37,800	35,700	41,600	40,900	40,100	37,600
50					33,600	32,700	31,000	29,100	34,800	34,100	33,300	31,100
55					28,300	27,500	25,800	23,900	29,600	29,000	28,200	26,000
60					24,100	23,300	21,700	19,800	25,400	24,700	24,000	21,800
65								16,500	22,000	21,300	20,600	18,500
70									19,100	18,500	17,800	15,800
75									16,800	16,100	15,500	13,400
80												11,400
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	55,100	31,900	30,200	28,500	21,800	20,700	18,500	16,200	15,400	14,600	13,800	11,200

1060070

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	74,000	48,100	62,600	74,300	75,900	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	56,100	43,600	57,100	61,500	58,000	55,200	44,000	60,900	42,300	60,000	56,500	39,300	47,100
40	43,500	39,700	50,700	48,500	45,300	42,700	40,200	49,900	38,600	47,200	44,300	35,900	43,400
45	34,700	36,400	41,600	39,500	36,400	33,900	36,900	40,900	35,400	38,100	35,500	32,900	40,100
50	28,300	33,600	34,800	32,800	29,900	27,600	34,100	34,100	32,600	31,600	29,000	30,400	34,700
55	23,300	30,300	29,700	27,700	24,900	22,600	30,300	29,000	29,200	26,500	24,000	28,200	29,600
60	19,200	26,200	25,600	23,600	20,900	18,700	26,100	24,900	25,100	22,400	20,100	26,000	25,500
65	15,900	22,800	22,200	20,300	17,600	15,600	22,700	21,600	21,700	19,200	16,800	22,700	22,100
70	13,300	19,900	19,300	17,500	15,000	12,900	20,000	18,800	19,000	16,500	14,300	19,900	19,300
75	11,000	17,500	16,900	15,200	12,600	10,600	17,600	16,500	16,600	14,300	12,000	17,500	17,000
80	9,000	15,600	15,000	13,200	10,700	8,600	15,600	14,500	14,700	12,300	10,100	15,700	15,100
85		13,800	13,200	11,500	8,900	6,900	13,900	12,800	12,900	10,600	8,400	13,900	13,400
90		12,300	11,700	10,000	7,500	5,500	12,300	11,300	11,400	9,000	6,900	12,400	11,900
95				8,700	6,100	4,200	11,000	9,900	10,100	7,700	5,600	11,000	10,500
100							9,800	8,700	8,900	6,600	4,400	9,800	9,300
105							8,700	7,700	7,800	5,500	3,400	8,800	8,300
110										4,600	2,500	7,800	7,300
115												6,900	6,400
120												6,200	5,700
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	8,300	11,400	10,700	8,600	5,700	3,400	8,000	6,800	6,900	4,300	2,000	5,600	5,000

1060070



Full



24,000 lbs



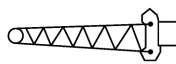
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	48,400	46,100	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	39,400	37,100	40,100	30,800	38,400	29,700	32,500	35,400	26,600	27,900	22,500
50	32,700	30,600	33,400	28,400	31,700	27,400	30,100	32,300	26,600	27,900	22,500
55	27,700	25,500	28,300	26,200	26,700	25,300	27,300	27,400	26,600	26,500	22,500
60	23,600	21,500	24,200	24,100	22,700	23,400	23,300	23,300	24,100	22,400	22,500
65	20,300	18,300	20,900	20,800	19,400	21,600	20,000	20,000	20,700	19,100	19,900
70	17,600	15,700	18,200	18,100	16,700	18,800	17,200	17,300	18,000	16,400	17,200
75	15,400	13,400	15,900	15,700	14,600	16,500	15,100	15,200	15,700	14,300	15,100
80	13,500	11,500	14,000	13,900	12,600	14,700	13,100	13,200	13,900	12,400	13,100
85	11,800	9,800	12,300	12,200	10,900	13,000	11,500	11,500	12,200	10,700	11,400
90	10,200	8,300	10,800	10,700	9,400	11,500	10,000	10,000	10,700	9,200	10,000
95	8,900	7,000	9,500	9,400	8,200	10,200	8,700	8,700	9,400	7,900	8,700
100	7,700	5,900	8,400	8,300	7,000	9,000	7,500	7,600	8,300	6,800	7,500
105	6,700	4,800	7,300	7,200	5,900	8,000	6,500	6,600	7,200	5,800	6,500
110	5,700	3,900	6,300	6,200	5,000	7,000	5,600	5,600	6,300	4,900	5,600
115	4,900	3,000	5,500	5,400	4,100	6,200	4,700	4,800	5,500	4,000	4,700
120	4,100	2,300	4,700	4,600	3,400	5,400	3,900	4,000	4,700	3,300	4,000
125	3,400		4,000	3,900	2,700	4,700	3,200	3,300	4,000	2,600	3,300
130			3,400	3,300	2,000	4,000	2,600	2,600	3,300	1,900	2,700
135			2,800	2,700	1,500	3,400	2,000	2,000	2,700	1,300	2,100
140			2,200	2,100		2,900	1,500	1,500	2,200		1,500
145						2,400			1,700		
150						1,900			1,200		
155						1,500					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	14.5	0.0	0.0	17.0	0.0	26.5	26.0	30.5	41.0	43.0
Max Rad.	126.5	125.0	141.5	141.5	137.5	156.1	143.0	143.9	151.3	135.6	143.7
Capacity	3,200	0	2,100	2,000	0	1,400	0	0	0	0	0

1060010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	57,500	49,800	60,700	50,800	59,700	50,900	58,400	51,000	49,200	44,600	61,800	52,300
40	44,800	44,800	47,800	47,800	46,900	46,900	45,700	45,700	44,800	40,900	48,900	48,900
45			38,800	38,800	37,900	37,900	36,800	36,800	40,600	37,800	39,900	39,900
50			32,200	32,200	31,300	31,300	30,300	30,300	33,900	33,900	33,100	33,100
55			27,200	27,200	26,300	26,300	25,300	25,300	28,800	28,800	28,100	28,100
60									24,700	24,700	24,000	24,000
65									21,400	21,400	20,700	20,700
70									18,700	18,700	18,000	18,000
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	37,400	37,400	24,200	24,200	23,000	23,000	21,700	21,700	17,200	17,200	16,300	16,300

1063040

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	60,000	52,500	57,800	52,700	47,800	44,600	46,700	43,700	61,700	53,400	59,300	53,700
40	47,200	47,200	45,100	45,100	43,500	40,700	42,400	39,800	48,800	48,800	46,500	46,500
45	38,200	38,200	36,200	36,200	39,700	37,400	38,700	36,600	39,800	39,800	37,500	37,500
50	31,600	31,600	29,800	29,800	34,400	34,400	33,800	33,800	33,000	33,000	30,900	30,900
55	26,500	26,500	24,700	24,700	29,300	29,300	28,700	28,700	28,000	28,000	25,900	25,900
60	22,500	22,500	20,800	20,800	25,200	25,200	24,600	24,600	23,900	23,900	21,800	21,800
65	19,200	19,200	17,500	17,500	21,800	21,800	21,300	21,300	20,600	20,600	18,600	18,600
70	16,500	16,500	15,000	15,000	19,100	19,100	18,500	18,500	17,900	17,900	15,900	15,900
75			12,800	12,800	16,800	16,800	16,200	16,200	15,600	15,600	13,700	13,700
80					14,900	14,900	14,300	14,300	13,700	13,700	11,800	11,800
85					13,200	13,200	12,700	12,700	12,000	12,000	10,200	10,200
90											8,700	8,700
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	14,500	14,500	12,600	12,600	12,300	12,300	11,600	11,600	10,800	10,800	8,600	8,600

1063020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



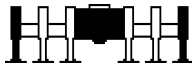
24,000 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	73,800	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	56,100	54,000	40,900	38,600	52,700	47,600	60,800	54,000	57,500	54,500	54,800	54,600
40	43,500	43,500	37,000	35,200	48,000	44,000	47,900	47,900	44,900	44,900	42,400	42,400
45	34,700	34,700	33,700	32,200	41,000	40,800	38,900	38,900	36,000	36,000	33,600	33,600
50	28,300	28,300	30,900	30,000	34,200	34,200	32,200	32,200	29,500	29,500	27,300	27,300
55	23,300	23,300	28,700	27,800	29,100	29,100	27,200	27,200	24,500	24,500	22,300	22,300
60	19,400	19,400	25,500	25,500	24,900	24,900	23,100	23,100	20,500	20,500	18,400	18,400
65	16,200	16,200	22,200	22,200	21,600	21,600	19,900	19,900	17,300	17,300	15,400	15,400
70	13,700	13,700	19,400	19,400	18,800	18,800	17,100	17,100	14,700	14,700	12,800	12,800
75	11,400	11,400	17,100	17,100	16,500	16,500	14,900	14,900	12,500	12,500	10,500	10,500
80	9,600	9,600	15,200	15,200	14,600	14,600	13,000	13,000	10,600	10,600	8,700	8,700
85	7,900	7,900	13,500	13,500	12,900	12,900	11,300	11,300	8,900	8,900	7,000	7,000
90	6,500	6,500	12,000	12,000	11,500	11,500	9,800	9,800	7,500	7,500	5,600	5,600
95			10,700	10,700	10,200	10,200	8,600	8,600	6,200	6,200	4,400	4,400
100			9,600	9,600	9,000	9,000	7,400	7,400	5,100	5,100	3,300	3,300
105							6,500	6,500	4,200	4,200	2,400	2,400
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	6,100	6,100	8,900	8,900	8,300	8,300	6,500	6,500	3,900	3,900	1,800	1,800

1063010

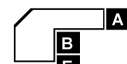
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	59,200	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	49,100	46,500	36,600	35,300	46,400	46,400	43,700	43,700	34,100	33,000
45	34,700	33,500	40,100	40,100	33,400	32,400	37,400	37,400	34,800	34,800	31,100	30,300
50	31,900	30,900	33,300	33,300	30,600	29,900	30,900	30,900	28,500	28,500	28,700	28,100
55	29,400	28,800	28,300	28,300	28,300	27,700	25,800	25,800	23,500	23,500	26,500	25,900
60	25,300	25,300	24,100	24,100	24,300	24,300	21,800	21,800	19,500	19,500	24,500	24,000
65	21,900	21,900	20,800	20,800	21,000	21,000	18,500	18,500	16,300	16,300	21,700	21,700
70	19,200	19,200	18,100	18,100	18,200	18,200	15,800	15,800	13,800	13,800	18,900	18,900
75	16,800	16,800	15,800	15,800	15,900	15,900	13,700	13,700	11,600	11,600	16,600	16,600
80	15,000	15,000	13,900	13,900	14,100	14,100	11,800	11,800	9,700	9,700	14,800	14,800
85	13,200	13,200	12,200	12,200	12,400	12,400	10,100	10,100	8,000	8,000	13,100	13,100
90	11,700	11,700	10,700	10,700	10,900	10,900	8,600	8,600	6,600	6,600	11,600	11,600
95	10,400	10,400	9,400	9,400	9,600	9,600	7,400	7,400	5,300	5,300	10,200	10,200
100	9,300	9,300	8,300	8,300	8,400	8,400	6,200	6,200	4,200	4,200	9,100	9,100
105	8,300	8,300	7,300	7,300	7,400	7,400	5,200	5,200	3,300	3,300	8,000	8,000
110	7,300	7,300	6,400	6,400	6,500	6,500	4,300	4,300	2,400	2,400	7,100	7,100
115	6,500	6,500	5,500	5,500	5,700	5,700	3,500	3,500	1,600	1,600	6,300	6,300
120							2,800	2,800			5,500	5,500
125											4,900	4,900
130											4,300	4,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	20.5	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	116.1	116.1	134.4	134.4
Capacity	6,000	6,000	4,900	4,900	5,000	5,000	2,700	2,700	0	0	3,800	3,800

1063010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



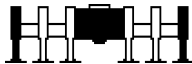
24,000 lbs



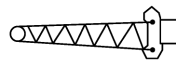
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	45,100	45,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	38,500	38,500	36,200	36,200	35,400	35,400	29,400	29,000	37,300	37,300
50	33,700	33,300	31,800	31,800	29,800	29,800	32,300	32,300	26,900	26,600	30,900	30,900
55	28,600	28,600	26,800	26,800	24,700	24,700	27,300	27,300	24,700	24,500	25,800	25,800
60	24,500	24,500	22,800	22,800	20,700	20,700	23,200	23,200	22,800	22,600	21,700	21,700
65	21,200	21,200	19,500	19,500	17,500	17,500	19,900	19,900	19,800	19,800	18,500	18,500
70	18,400	18,400	16,800	16,800	15,000	15,000	17,200	17,200	17,100	17,100	15,800	15,800
75	16,100	16,100	14,600	14,600	12,700	12,700	15,100	15,100	15,000	15,000	13,700	13,700
80	14,300	14,300	12,700	12,700	10,800	10,800	13,100	13,100	13,000	13,000	11,700	11,700
85	12,600	12,600	11,000	11,000	9,100	9,100	11,400	11,400	11,300	11,300	10,100	10,100
90	11,100	11,100	9,500	9,500	7,700	7,700	9,900	9,900	9,800	9,800	8,600	8,600
95	9,800	9,800	8,200	8,200	6,400	6,400	8,600	8,600	8,500	8,500	7,300	7,300
100	8,600	8,600	7,100	7,100	5,300	5,300	7,500	7,500	7,400	7,400	6,200	6,200
105	7,600	7,600	6,100	6,100	4,300	4,300	6,500	6,500	6,400	6,400	5,200	5,200
110	6,700	6,700	5,200	5,200	3,400	3,400	5,600	5,600	5,500	5,500	4,300	4,300
115	5,800	5,800	4,300	4,300	2,600	2,600	4,700	4,700	4,600	4,600	3,400	3,400
120	5,100	5,100	3,600	3,600	1,900	1,900	4,000	4,000	3,900	3,900	2,700	2,700
125	4,400	4,400	2,900	2,900			3,300	3,300	3,200	3,200	2,000	2,000
130	3,800	3,800	2,300	2,300			2,700	2,700	2,600	2,600	1,400	1,400
135			1,800	1,800			2,100	2,100	2,000	2,000		
140							1,600	1,600	1,500	1,500		
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	27.0	27.0	18.5	18.5	20.0	20.0	32.0	32.0
Max Rad.	134.8	134.8	136.5	136.5	124.1	124.1	145.0	145.0	144.1	144.1	131.5	131.5
Capacity	3,300	3,300	1,700	1,700	0	0	0	0	0	0	0	0

1063020

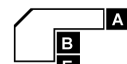
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



24,000 lbs



360°

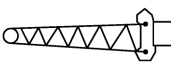
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,200	25,900	26,300	26,300	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	22,200	22,200	22,200	22,200	22,900	22,900	21,300	21,300	19,600	19,600
65	20,300	20,300	18,900	18,900	19,000	19,000	19,600	19,600	18,000	18,000	18,700	18,700
70	17,800	17,800	16,200	16,200	16,200	16,200	16,900	16,900	15,500	15,500	16,000	16,000
75	15,600	15,600	14,100	14,100	14,200	14,200	14,800	14,800	13,300	13,300	13,900	13,900
80	13,700	13,700	12,200	12,200	12,200	12,200	12,800	12,800	11,300	11,300	12,000	12,000
85	12,000	12,000	10,500	10,500	10,500	10,500	11,100	11,100	9,700	9,700	10,300	10,300
90	10,500	10,500	9,000	9,000	9,100	9,100	9,600	9,600	8,200	8,200	8,800	8,800
95	9,200	9,200	7,700	7,700	7,800	7,800	8,300	8,300	6,900	6,900	7,600	7,600
100	8,000	8,000	6,600	6,600	6,600	6,600	7,200	7,200	5,800	5,800	6,400	6,400
105	7,000	7,000	5,600	5,600	5,600	5,600	6,200	6,200	4,800	4,800	5,400	5,400
110	6,100	6,100	4,700	4,700	4,700	4,700	5,300	5,300	3,900	3,900	4,500	4,500
115	5,200	5,200	3,800	3,800	3,900	3,900	4,400	4,400	3,100	3,100	3,700	3,700
120	4,500	4,500	3,100	3,100	3,100	3,100	3,700	3,700	2,300	2,300	2,900	2,900
125	3,800	3,800	2,400	2,400	2,500	2,500	3,000	3,000	1,600	1,600	2,200	2,200
130	3,200	3,200	1,800	1,800	1,800	1,800	2,400	2,400			1,600	1,600
135	2,600	2,600	1,200	1,200	1,300	1,300	1,800	1,800				
140	2,100	2,100					1,300	1,300				
145	1,600	1,600										
150	1,100	1,100										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	26.5	26.5	37.0	37.0	37.5	37.5	41.0	41.0	48.0	48.0	50.0	50.0
Max Rad.	151.0	151.0	135.6	135.6	135.5	135.5	141.0	141.0	127.5	127.5	133.9	133.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1063030

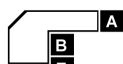
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



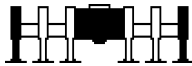
24,000 lbs



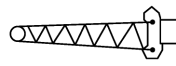
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					18,100	17,700	17,100	16,300	18,100	18,200	17,600	16,600
80					16,100	16,200	16,600	16,300	16,000	16,200	16,800	16,400
85					14,500	14,500	14,900	15,100	14,400	14,500	15,100	15,600
90					13,000	13,000	13,200		12,900	13,000	13,500	13,900
95					11,700	11,700			11,500	11,600	12,000	12,400
100									10,300	10,400	10,800	11,100
105									9,300	9,400	9,700	9,900
110									8,400	8,400	8,700	8,900
115									7,500	7,600	7,800	7,800
120									6,700	6,800	6,900	
125									6,100	6,100		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	11,500	11,500	11,600	12,000	6,000	6,000	6,000	6,200

1062010

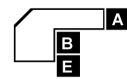
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



24,000 lbs

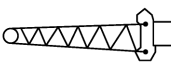


Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	17,200	17,400	17,800	16,900	15,900	16,100	16,600	16,700
80	15,400	15,500	16,100	16,700	14,100	14,300	15,100	15,500
85	13,600	13,800	14,400	15,100	12,300	12,500	13,300	14,100
90	12,100	12,200	12,800	13,400	10,800	11,000	11,700	12,500
95	10,800	10,900	11,400	12,000	9,500	9,700	10,300	11,000
100	9,600	9,700	10,200	10,700	8,300	8,500	9,100	9,700
105	8,500	8,600	9,100	9,500	7,300	7,400	8,000	8,600
110	7,600	7,700	8,100	8,500	6,400	6,500	7,000	7,500
115	6,700	6,800	7,200	7,500	5,500	5,600	6,100	6,600
120	5,900	6,000	6,400	6,700	4,700	4,900	5,300	5,700
125	5,200	5,300	5,600	5,900	4,000	4,100	4,500	4,900
130	4,600	4,700	4,900	5,100	3,400	3,500	3,900	4,200
135	4,000	4,100	4,300	4,500	2,800	2,900	3,200	3,600
140	3,500	3,500	3,700	3,800	2,300	2,400	2,700	3,000
145	3,000	3,000	3,200		1,800	1,900	2,100	2,400
150	2,500	2,600	2,700		1,300	1,400	1,700	1,900
155	2,100	2,200					1,200	1,400
Min Angle	0.0	0.0	0.0	0.0	38.0	38.0	38.5	38.0
Max Rad.	156.9	156.9	156.6	154.6	152.8	153.8	157.0	159.0
Capacity	2,000	2,000	2,100	2,100	0	0	0	0

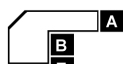
1062010



Full



32.5 ft Hydraulic Offset Fly



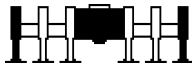
24,000 lbs



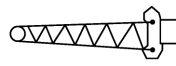
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	13,200	13,400	14,300	15,300	12,300	12,600	13,100	14,400
85	11,500	11,700	12,500	13,400	10,600	10,800	11,700	12,700
90	10,000	10,200	10,900	11,800	9,100	9,300	10,200	11,100
95	8,700	8,800	9,500	10,300	7,800	8,000	8,800	9,600
100	7,500	7,700	8,300	9,000	6,700	6,800	7,600	8,300
105	6,400	6,600	7,200	7,900	5,600	5,800	6,500	7,200
110	5,500	5,700	6,200	6,800	4,700	4,900	5,500	6,100
115	4,700	4,800	5,300	5,900	3,900	4,000	4,600	5,200
120	3,900	4,000	4,500	5,000	3,100	3,300	3,800	4,400
125	3,200	3,300	3,800	4,300	2,400	2,600	3,100	3,600
130	2,600	2,700	3,100	3,500	1,800	1,900	2,400	2,900
135	2,000	2,100	2,500	2,900	1,200	1,300	1,800	2,200
140	1,500	1,600	1,900	2,300				1,600
145			1,400	1,700				
150				1,200				
Min Angle	48.0	48.0	48.0	48.0	55.0	55.0	55.5	55.0
Max Rad.	142.7	143.9	148.0	151.5	135.6	136.9	140.0	144.4
Capacity	0	0	0	0	0	0	0	0

1062010

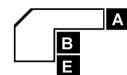
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	22,800	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	20,000	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	17,600	17,800	17,200	16,400
80					15,700	15,700	15,900		15,700	15,800	16,300	16,300
85									14,000	14,100	14,600	15,000
90									12,500	12,600	13,000	13,300
95									11,100	11,200	11,500	11,800
100									10,000	10,000	10,300	10,400
105									8,900	9,000	9,200	
110									8,000	8,000		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	15,300	15,300	15,400	16,000	7,800	7,800	7,900	8,100

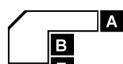
1062020



Full



32.5 ft Hydraulic Offset Fly



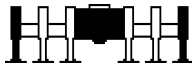
24,000 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,000	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	19,200	19,400	18,500	17,000	17,800	18,000	18,300	17,100
75	16,800	17,000	17,800	16,800	15,600	15,700	16,600	17,100
80	14,900	15,100	15,700	16,400	13,600	13,900	14,700	15,600
85	13,200	13,400	14,000	14,700	11,900	12,100	12,900	13,700
90	11,700	11,800	12,400	13,000	10,400	10,600	11,300	12,000
95	10,400	10,500	11,000	11,500	9,100	9,300	9,900	10,600
100	9,200	9,300	9,800	10,200	7,900	8,100	8,700	9,300
105	8,100	8,200	8,600	9,000	6,900	7,000	7,600	8,100
110	7,200	7,300	7,600	8,000	5,900	6,100	6,600	7,100
115	6,300	6,400	6,700	7,000	5,100	5,200	5,700	6,100
120	5,600	5,700	5,900	6,200	4,300	4,500	4,900	5,300
125	4,900	4,900	5,200	5,300	3,600	3,800	4,100	4,500
130	4,300	4,300	4,500	4,500	3,000	3,100	3,500	3,800
135	3,700	3,700	3,900		2,400	2,500	2,800	3,100
140	3,200	3,200	3,100		1,900	2,000	2,300	2,500
145					1,400	1,500	1,700	1,900
150							1,200	1,400
Min Angle	0.0	0.0	0.0	0.0	33.5	33.5	33.5	33.5
Max Rad.	142.3	142.4	142.0	140.1	148.7	149.6	152.3	153.0
Capacity	3,000	3,000	3,000	3,100	0	0	0	0

1062020

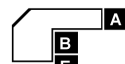
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	16,800	17,100	18,200	17,100	15,700	15,700	16,100	17,100
75	14,700	15,000	15,800	16,900	13,800	14,100	15,200	16,100
80	12,700	13,000	13,900	14,900	11,800	12,100	13,100	14,200
85	11,000	11,200	12,100	13,000	10,100	10,400	11,300	12,300
90	9,500	9,700	10,500	11,300	8,700	8,900	9,700	10,600
95	8,200	8,400	9,100	9,900	7,400	7,600	8,300	9,200
100	7,100	7,200	7,900	8,600	6,200	6,400	7,100	7,900
105	6,000	6,200	6,800	7,400	5,200	5,300	6,000	6,700
110	5,100	5,300	5,800	6,400	4,200	4,400	5,000	5,700
115	4,300	4,400	4,900	5,400	3,400	3,600	4,100	4,800
120	3,500	3,600	4,100	4,600	2,700	2,800	3,300	3,900
125	2,800	2,900	3,400	3,800	2,000	2,100	2,600	3,100
130	2,200	2,300	2,700	3,100	1,300	1,500	1,900	2,400
135	1,600	1,700	2,100	2,400			1,300	1,800
140			1,500	1,800				
145				1,300				
Min Angle	44.5	44.5	44.5	45.0	53.0	53.0	53.0	53.5
Max Rad.	139.2	140.0	144.1	146.2	130.9	132.1	136.6	139.5
Capacity	0	0	0	0	0	0	0	0

1062020

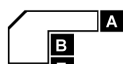
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



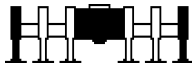
24,000 lbs



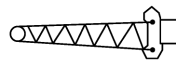
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,500	8,300	7,800	7,500
120									7,700	7,800	7,700	7,500
125									7,000	7,100	7,400	7,000
130									6,300	6,400	6,700	6,100
135									5,700	5,800	6,100	5,400
140									5,200	5,200	5,400	
145									4,700	4,700	4,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	4,500	4,500	4,500	4,700

1062030

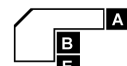
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



24,000 lbs



360°



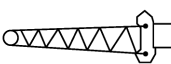
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	10,300	10,100	8,900	8,100
100	10,400	9,600	8,500	7,900	9,100	9,400	8,800	8,000
105	9,400	9,300	8,400	7,800	8,000	8,300	8,600	7,900
110	8,400	8,600	8,300	7,700	7,100	7,300	8,200	7,900
115	7,500	7,700	8,100	7,700	6,200	6,400	7,300	7,800
120	6,700	6,900	7,500	7,600	5,500	5,700	6,400	7,200
125	6,000	6,200	6,700	7,300	4,700	4,900	5,600	6,400
130	5,400	5,500	6,000	6,500	4,100	4,300	4,900	5,600
135	4,800	4,900	5,400	5,800	3,500	3,700	4,300	4,900
140	4,200	4,300	4,800	5,200	3,000	3,100	3,700	4,300
145	3,700	3,800	4,200	4,600	2,500	2,600	3,100	3,700
150	3,300	3,300	3,700	4,000	2,000	2,100	2,600	3,100
155	2,800	2,900	3,200	3,400	1,500	1,700	2,100	2,600
160	2,400	2,500	2,700	2,900	1,100	1,300	1,700	2,100
165	2,000	2,100	2,300	2,300			1,300	1,600
170	1,700	1,800	1,900					1,200
175	1,400	1,400	1,400					
Min Angle	0.0	0.0	0.0	0.0	42.5	42.5	43.0	43.0
Max Rad.	179.4	179.4	178.7	175.4	161.7	163.6	168.8	172.5
Capacity	1,200	1,200	1,200	1,300	0	0	0	0

1062030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



24,000 lbs



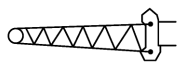
Bm Length	180.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
50	10,600	10,600		
55	10,600	10,600		
60	10,600	10,600		
65	10,600	10,600	11,100	
70	10,600	10,600	9,700	9,700
75	10,600	10,600	9,500	8,500
80	10,600	10,600	9,400	8,400
85	10,600	10,600	9,200	8,300
90	10,600	10,400	9,100	8,200
95	9,400	9,700	9,000	8,100
100	8,200	8,500	8,900	8,100
105	7,200	7,500	8,500	8,000
110	6,200	6,500	7,400	7,900
115	5,400	5,600	6,500	7,500
120	4,600	4,800	5,700	6,600
125	3,900	4,100	4,900	5,800
130	3,300	3,500	4,200	5,000
135	2,700	2,900	3,600	4,300
140	2,100	2,300	3,000	3,600
145	1,600	1,800	2,400	3,000
150	1,200	1,300	1,900	2,500
155			1,400	1,900
160				1,500
Min Angle	50.5	50.5	51.5	51.5
Max Rad.	151.3	153.3	159.1	165.0
Capacity	0	0	0	0

1062030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



24,000 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,300	7,900	7,600	7,500
120									7,500	7,600	7,500	7,500
125									6,800	6,900	7,200	7,000
130									6,200	6,300	6,300	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	5,800	5,800	5,900	6,200

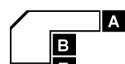
1062040



Full



55 ft Hydraulic Offset Fly



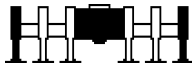
24,000 lbs



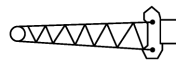
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,400	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	10,000	10,100	8,800	8,000
100	10,200	9,300	8,400	7,800	8,800	9,100	8,700	7,900
105	9,100	9,100	8,200	7,700	7,800	8,000	8,600	7,900
110	8,200	8,400	8,100	7,700	6,800	7,100	7,900	7,800
115	7,300	7,500	8,000	7,600	6,000	6,200	7,000	7,800
120	6,500	6,700	7,300	7,500	5,200	5,400	6,100	6,900
125	5,800	6,000	6,500	7,000	4,500	4,700	5,400	6,100
130	5,200	5,300	5,800	6,200	3,800	4,000	4,700	5,300
135	4,600	4,700	5,100	5,500	3,300	3,400	4,000	4,600
140	4,000	4,100	4,500	4,800	2,700	2,900	3,400	4,000
145	3,500	3,600	3,900	4,200	2,200	2,300	2,800	3,300
150	3,100	3,200	3,400	3,400	1,700	1,900	2,300	2,800
155	2,700	2,700	2,900		1,300	1,400	1,800	2,200
160	2,300	2,300	2,400				1,400	1,700
165								1,300
Min Angle	0.0	0.0	0.0	0.0	38.0	38.5	38.5	39.0
Max Rad.	164.8	164.9	164.1	161.0	158.8	159.9	165.0	168.0
Capacity	2,000	2,000	2,000	2,100	0	0	0	0

1062040

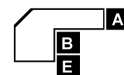
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



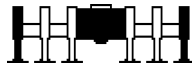
24,000 lbs



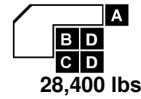
Bm Length	165.0 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)				
45	13,100	13,100		
50	13,100	12,500	12,500	
55	13,100	12,200	12,200	
60	13,100	12,000	10,100	10,100
65	13,100	11,700	9,900	9,900
70	13,100	11,400	9,700	8,600
75	13,000	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400
85	12,000	10,700	9,200	8,300
90	10,500	10,500	9,100	8,200
95	9,100	9,400	8,900	8,100
100	8,000	8,200	8,800	8,000
105	6,900	7,200	8,200	7,900
110	6,000	6,200	7,200	7,900
115	5,100	5,400	6,200	7,200
120	4,300	4,600	5,400	6,300
125	3,600	3,800	4,600	5,500
130	3,000	3,200	3,900	4,700
135	2,400	2,600	3,300	4,000
140	1,900	2,000	2,700	3,300
145	1,400	1,500	2,100	2,700
150			1,600	2,200
155			1,100	1,600
160				1,100
Min Angle	48.0	48.0	48.5	48.5
Max Rad.	148.0	150.0	155.6	161.3
Capacity	0	0	0	0

1062040

Rated Lifting
Capacities in
Pounds



Full



28,400 lbs



360°

Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	201,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	172,600	135,200	175,400	174,600	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	135,200	118,800	139,000	137,900	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	103,200	106,000	107,700	106,500	69,500	97,700	105,900	107,000	64,500	62,300	90,300	92,200
30	75,100	81,600	80,400	79,100	62,300	83,900	81,800	79,500	57,700	55,800	80,800	81,400
35		62,700	61,600	60,300	56,400	65,000	63,200	61,000	52,100	50,500	65,400	62,900
40		49,600	48,500	47,300	51,500	52,100	50,100	47,900	47,600	46,000	52,400	49,800
45		40,000	38,900	37,700	43,300	42,400	40,600	38,500	43,600	42,200	42,900	40,400
50					36,000	35,200	33,400	31,500	37,300	36,600	35,800	33,400
55					30,500	29,700	28,000	26,100	31,700	31,100	30,400	28,100
60					26,100	25,300	23,600	21,800	27,300	26,700	26,000	23,800
65								18,300	23,700	23,100	22,400	20,200
70									20,700	20,100	19,400	17,300
75									18,200	17,600	16,900	14,900
80												12,800
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	34,400	32,700	31,000	23,600	22,500	20,300	17,900	16,800	16,000	15,200	12,600

1070010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	78,200	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	59,900	43,600	57,100	64,700	61,600	59,100	44,000	60,900	42,300	63,300	56,500	39,300	47,100
40	46,800	39,700	52,500	51,800	48,500	46,000	40,200	53,300	38,600	50,400	47,500	35,900	43,400
45	37,500	36,400	44,400	42,300	39,200	36,700	36,900	43,700	35,400	41,000	38,300	32,900	40,100
50	30,700	33,600	37,300	35,200	32,300	30,000	34,100	36,600	32,600	33,900	31,500	30,400	37,100
55	25,400	31,200	31,800	29,900	27,000	24,800	31,600	31,200	30,200	28,700	26,200	28,200	31,600
60	21,200	28,100	27,500	25,600	22,800	20,600	28,100	26,900	27,000	24,400	22,000	26,200	27,400
65	17,700	24,600	23,900	22,100	19,400	17,200	24,500	23,300	23,500	20,900	18,600	24,400	23,900
70	14,900	21,600	20,900	19,100	16,500	14,500	21,600	20,400	20,600	18,100	15,800	21,500	20,900
75	12,400	19,000	18,400	16,600	14,100	12,100	19,100	18,000	18,100	15,800	13,500	19,000	18,500
80	10,400	16,900	16,300	14,600	12,000	10,000	16,900	15,800	16,000	13,700	11,500	16,900	16,400
85		15,100	14,500	12,800	10,200	8,200	15,200	14,100	14,200	11,800	9,700	15,200	14,700
90		13,500	12,900	11,200	8,700	6,700	13,500	12,500	12,600	10,200	8,100	13,600	13,100
95				9,800	7,300	5,300	12,100	11,000	11,200	8,900	6,700	12,200	11,600
100							10,800	9,800	9,900	7,600	5,500	10,900	10,400
105							9,700	8,700	8,800	6,500	4,400	9,800	9,300
110										5,500	3,400	8,700	8,300
115												7,800	7,300
120												7,000	6,500
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	9,700	12,500	11,800	9,700	6,800	4,500	9,000	7,800	7,900	5,300	2,900	6,400	5,900

1070010

Rated Lifting
Capacities in
Pounds



Full

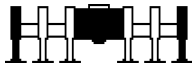


28,400 lbs

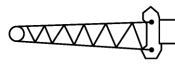


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	51,800	49,200	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	42,300	39,900	42,400	30,800	41,200	29,700	32,500	35,400	26,600	27,900	22,500
50	35,200	32,900	35,800	28,400	34,200	27,400	30,100	34,800	26,600	27,900	22,500
55	29,900	27,700	30,500	26,200	28,900	25,300	27,900	29,600	26,600	27,900	22,500
60	25,600	23,500	26,200	24,300	24,600	23,400	25,200	25,300	25,100	24,400	22,500
65	22,100	20,000	22,700	22,500	21,200	21,800	21,700	21,800	22,500	20,900	21,700
70	19,200	17,200	19,800	19,700	18,300	20,300	18,800	18,900	19,600	18,000	18,800
75	16,800	14,900	17,300	17,200	15,900	18,000	16,400	16,500	17,200	15,600	16,400
80	14,800	12,900	15,400	15,300	14,000	15,900	14,500	14,600	15,300	13,800	14,500
85	13,000	11,100	13,600	13,500	12,200	14,300	12,700	12,800	13,500	12,000	12,700
90	11,400	9,500	12,000	11,900	10,600	12,700	11,200	11,200	11,900	10,400	11,200
95	10,000	8,200	10,700	10,600	9,300	11,300	9,800	9,900	10,500	9,100	9,800
100	8,800	6,900	9,400	9,300	8,100	10,100	8,600	8,600	9,300	7,900	8,600
105	7,700	5,800	8,300	8,200	6,900	9,000	7,500	7,600	8,200	6,800	7,500
110	6,700	4,800	7,300	7,200	5,900	8,000	6,500	6,600	7,300	5,800	6,500
115	5,800	4,000	6,400	6,300	5,100	7,100	5,600	5,700	6,400	4,900	5,600
120	5,000	3,200	5,600	5,500	4,200	6,300	4,800	4,800	5,600	4,100	4,900
125	4,200	2,400	4,800	4,700	3,500	5,500	4,100	4,100	4,800	3,400	4,100
130			4,200	4,100	2,800	4,800	3,400	3,400	4,100	2,700	3,500
135			3,500	3,400	2,200	4,200	2,800	2,800	3,500	2,100	2,800
140			3,000	2,900	1,700	3,600	2,200	2,200	2,900	1,500	2,300
145						3,100	1,700	1,700	2,400		1,700
150						2,600	1,200	1,200	1,900		1,200
155						2,200			1,400		
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	18.5	18.5	24.5	37.5	39.5
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	150.6	151.1	159.6	143.1	151.1
Capacity	4,100	2,100	2,800	2,700	1,400	2,100	0	0	0	0	0

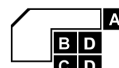
1070010



Full



10 ft Hydraulic Offset Fly



28,400 lbs



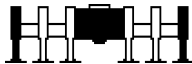
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	61,000	49,800	64,000	50,800	63,100	50,900	61,900	51,000	49,200	44,600	65,100	52,300
40	48,100	48,100	51,200	49,900	50,100	50,000	48,900	48,900	44,800	40,900	52,200	51,100
45			41,700	41,700	40,700	40,700	39,600	39,600	40,800	37,800	42,700	42,700
50			34,600	34,600	33,700	33,700	32,700	32,700	36,300	35,100	35,600	35,600
55			29,300	29,300	28,500	28,500	27,400	27,400	31,000	31,000	30,200	30,200
60									26,600	26,600	25,900	25,900
65									23,200	23,200	22,500	22,500
70									20,300	20,300	19,600	19,600
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	40,300	40,300	26,200	26,200	24,900	24,900	23,600	23,600	18,700	18,700	17,900	17,900

1073010

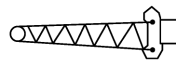
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	63,400	52,500	61,300	52,700	47,800	44,600	46,700	43,700	65,000	53,400	62,600	53,700
40	50,400	50,400	48,400	48,400	43,500	40,700	42,400	39,800	52,100	52,100	49,700	49,700
45	41,000	41,000	39,100	39,100	39,700	37,400	38,700	36,600	42,600	42,600	40,300	40,300
50	34,000	34,000	32,100	32,100	36,400	34,500	35,400	33,800	35,500	35,500	33,300	33,300
55	28,700	28,700	26,900	26,900	31,500	31,500	30,900	30,900	30,200	30,200	28,000	28,000
60	24,400	24,400	22,700	22,700	27,100	27,100	26,500	26,500	25,800	25,800	23,800	23,800
65	21,000	21,000	19,300	19,300	23,600	23,600	23,000	23,000	22,300	22,300	20,400	20,400
70	18,200	18,200	16,500	16,500	20,700	20,700	20,100	20,100	19,500	19,500	17,500	17,500
75			14,200	14,200	18,300	18,300	17,700	17,700	17,100	17,100	15,200	15,200
80					16,200	16,200	15,700	15,700	15,100	15,100	13,200	13,200
85					14,500	14,500	13,900	13,900	13,300	13,300	11,400	11,400
90											9,900	9,900
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	16,000	16,000	14,100	14,100	13,500	13,500	12,800	12,800	12,100	12,100	9,800	9,800

1073020

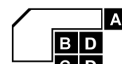
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



28,400 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	59,700	54,000	40,900	38,600	52,700	47,600	64,000	54,000	61,000	54,500	58,600	54,600
40	46,900	46,900	37,000	35,200	48,000	44,000	51,200	51,200	48,100	48,100	45,700	45,700
45	37,500	37,500	33,700	32,200	43,800	40,800	41,800	41,800	38,800	38,800	36,400	36,400
50	30,800	30,800	30,900	30,000	36,600	36,600	34,700	34,700	31,900	31,900	29,800	29,800
55	25,500	25,500	28,700	27,800	31,200	31,200	29,400	29,400	26,700	26,700	24,500	24,500
60	21,400	21,400	26,600	25,800	26,900	26,900	25,100	25,100	22,500	22,500	20,400	20,400
65	18,000	18,000	24,000	24,000	23,400	23,400	21,600	21,600	19,100	19,100	17,000	17,000
70	15,300	15,300	21,000	21,000	20,400	20,400	18,700	18,700	16,200	16,200	14,400	14,400
75	12,900	12,900	18,600	18,600	18,000	18,000	16,300	16,300	14,000	14,000	12,000	12,000
80	10,900	10,900	16,500	16,500	15,900	15,900	14,400	14,400	12,000	12,000	10,000	10,000
85	9,200	9,200	14,800	14,800	14,200	14,200	12,600	12,600	10,200	10,200	8,300	8,300
90	7,700	7,700	13,200	13,200	12,700	12,700	11,000	11,000	8,700	8,700	6,800	6,800
95			11,800	11,800	11,300	11,300	9,700	9,700	7,400	7,400	5,500	5,500
100			10,600	10,600	10,100	10,100	8,500	8,500	6,200	6,200	4,400	4,400
105							7,500	7,500	5,200	5,200	3,400	3,400
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	7,300	7,300	9,900	9,900	9,300	9,300	7,500	7,500	4,900	4,900	2,800	2,800

1073010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



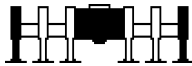
28,400 lbs



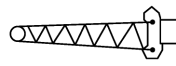
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	62,600	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	49,600	49,600	47,000	47,000	34,100	33,000
45	34,700	33,500	42,900	42,900	33,400	32,400	40,200	40,200	37,700	37,700	31,100	30,300
50	31,900	30,900	35,800	35,800	30,600	29,900	33,200	33,200	30,900	30,900	28,700	28,100
55	29,600	28,800	30,400	30,400	28,300	27,700	28,000	28,000	25,600	25,600	26,500	25,900
60	27,200	26,800	26,100	26,100	26,200	25,600	23,700	23,700	21,500	21,500	24,500	24,000
65	23,700	23,700	22,600	22,600	22,700	22,700	20,300	20,300	18,100	18,100	22,700	22,400
70	20,800	20,800	19,700	19,700	19,800	19,800	17,400	17,400	15,400	15,400	20,600	20,600
75	18,300	18,300	17,200	17,200	17,400	17,400	15,200	15,200	13,000	13,000	18,100	18,100
80	16,200	16,200	15,300	15,300	15,400	15,400	13,100	13,100	11,000	11,000	16,000	16,000
85	14,500	14,500	13,500	13,500	13,600	13,600	11,400	11,400	9,300	9,300	14,300	14,300
90	12,900	12,900	11,900	11,900	12,100	12,100	9,800	9,800	7,800	7,800	12,800	12,800
95	11,600	11,600	10,600	10,600	10,700	10,700	8,500	8,500	6,500	6,500	11,400	11,400
100	10,300	10,300	9,300	9,300	9,500	9,500	7,300	7,300	5,300	5,300	10,100	10,100
105	9,300	9,300	8,300	8,300	8,400	8,400	6,200	6,200	4,300	4,300	9,100	9,100
110	8,300	8,300	7,300	7,300	7,400	7,400	5,300	5,300	3,300	3,300	8,100	8,100
115	7,400	7,400	6,500	6,500	6,600	6,600	4,400	4,400	2,500	2,500	7,200	7,200
120							3,700	3,700	1,700		6,400	6,400
125											5,700	5,700
130											5,000	5,000
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	120.0	134.4	134.4
Capacity	6,900	6,900	5,800	5,800	5,900	5,900	3,500	3,500	1,300	0	4,600	4,600

1073010

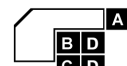
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



28,400 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	41,300	41,300	39,000	39,000	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	34,300	34,300	32,100	32,100	34,800	34,800	26,900	26,600	33,100	33,100
55	30,800	30,800	29,000	29,000	26,900	26,900	29,500	29,500	24,700	24,500	27,900	27,900
60	26,500	26,500	24,700	24,700	22,700	22,700	25,200	25,200	22,800	22,600	23,700	23,700
65	23,000	23,000	21,300	21,300	19,300	19,300	21,700	21,700	21,000	20,900	20,200	20,200
70	20,000	20,000	18,400	18,400	16,400	16,400	18,800	18,800	18,700	18,700	17,400	17,400
75	17,600	17,600	16,000	16,000	14,200	14,200	16,400	16,400	16,300	16,300	15,200	15,200
80	15,600	15,600	14,000	14,000	12,200	12,200	14,500	14,500	14,400	14,400	13,100	13,100
85	13,800	13,800	12,300	12,300	10,400	10,400	12,700	12,700	12,600	12,600	11,300	11,300
90	12,300	12,300	10,700	10,700	8,900	8,900	11,100	11,100	11,000	11,000	9,800	9,800
95	10,900	10,900	9,400	9,400	7,600	7,600	9,800	9,800	9,700	9,700	8,400	8,400
100	9,700	9,700	8,100	8,100	6,400	6,400	8,600	8,600	8,500	8,500	7,200	7,200
105	8,600	8,600	7,100	7,100	5,300	5,300	7,500	7,500	7,400	7,400	6,200	6,200
110	7,600	7,600	6,100	6,100	4,400	4,400	6,500	6,500	6,400	6,400	5,200	5,200
115	6,700	6,700	5,200	5,200	3,500	3,500	5,600	5,600	5,500	5,500	4,400	4,400
120	5,900	5,900	4,500	4,500	2,700	2,700	4,800	4,800	4,800	4,800	3,600	3,600
125	5,200	5,200	3,800	3,800	2,000	2,000	4,100	4,100	4,000	4,000	2,900	2,900
130	4,600	4,600	3,100	3,100	1,400	1,400	3,500	3,500	3,400	3,400	2,200	2,200
135			2,500	2,500			2,900	2,900	2,800	2,800	1,600	1,600
140							2,300	2,300	2,200	2,200		
145							1,800	1,800	1,700	1,700		
150							1,400	1,400	1,300	1,300		
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	19.5	19.5	0.0	0.0	0.0	0.0	26.0	26.0
Max Rad.	134.8	134.8	136.5	136.5	131.1	131.1	151.5	151.5	151.6	151.6	139.0	139.0
Capacity	4,100	4,100	2,400	2,400	0	0	1,300	1,300	1,200	1,200	0	0

1073020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



28,400 lbs



360°

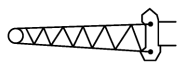
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	28,500	28,500	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,100	24,100	24,200	24,200	22,900	22,900	23,200	23,200	19,600	19,600
65	20,300	20,300	20,700	20,700	20,700	20,700	21,400	21,400	19,800	19,800	19,600	19,600
70	18,800	18,800	17,800	17,800	17,900	17,900	18,500	18,500	16,900	16,900	17,600	17,600
75	16,900	16,900	15,600	15,600	15,600	15,600	16,000	16,000	14,700	14,700	15,400	15,400
80	15,000	15,000	13,500	13,500	13,600	13,600	14,200	14,200	12,700	12,700	13,400	13,400
85	13,200	13,200	11,800	11,800	11,800	11,800	12,400	12,400	10,900	10,900	11,600	11,600
90	11,700	11,700	10,200	10,200	10,300	10,300	10,800	10,800	9,400	9,400	10,000	10,000
95	10,300	10,300	8,900	8,900	8,900	8,900	9,500	9,500	8,000	8,000	8,700	8,700
100	9,100	9,100	7,600	7,600	7,700	7,700	8,300	8,300	6,800	6,800	7,500	7,500
105	8,000	8,000	6,600	6,600	6,600	6,600	7,200	7,200	5,800	5,800	6,400	6,400
110	7,000	7,000	5,600	5,600	5,700	5,700	6,200	6,200	4,800	4,800	5,400	5,400
115	6,100	6,100	4,700	4,700	4,800	4,800	5,300	5,300	4,000	4,000	4,600	4,600
120	5,300	5,300	4,000	4,000	4,000	4,000	4,500	4,500	3,200	3,200	3,800	3,800
125	4,600	4,600	3,200	3,200	3,300	3,300	3,800	3,800	2,500	2,500	3,100	3,100
130	4,000	4,000	2,600	2,600	2,600	2,600	3,200	3,200	1,800	1,800	2,400	2,400
135	3,400	3,400	2,000	2,000	2,000	2,000	2,600	2,600			1,800	1,800
140	2,800	2,800	1,400	1,400	1,500	1,500	2,000	2,000			1,300	1,300
145	2,300	2,300					1,500	1,500				
150	1,800	1,800										
155	1,400	1,400										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	19.0	19.0	32.5	32.5	33.0	33.0	37.0	37.0	45.0	45.0	47.0	47.0
Max Rad.	159.3	159.3	143.0	143.0	143.0	143.0	148.9	148.9	134.5	134.5	141.6	141.6
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1073010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



28,400 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					17,500	17,100	16,700	16,300	17,400	17,400	17,200	16,400
85					15,700	15,800	16,100	16,300	15,700	15,700	16,200	16,300
90					14,200	14,200	14,400		14,100	14,200	14,700	15,100
95					12,800	12,800			12,700	12,800	13,200	13,600
100									11,400	11,500	11,900	12,200
105									10,300	10,400	10,700	10,900
110									9,300	9,400	9,600	9,800
115									8,400	8,500	8,700	8,700
120									7,600	7,700	7,800	
125									6,900	6,900		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	12,600	12,600	12,700	13,100	6,800	6,800	6,900	7,100

1072010



Full



32.5 ft Hydraulic Offset Fly



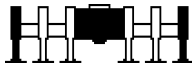
28,400 lbs



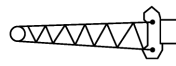
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	16,600	16,700	16,900	16,700	15,300	15,300	15,400	15,500
85	14,900	15,100	15,700	15,800	13,600	13,800	14,400	14,500
90	13,300	13,400	14,000	14,600	12,000	12,200	12,900	13,500
95	11,900	12,000	12,600	13,100	10,600	10,800	11,400	12,100
100	10,600	10,800	11,200	11,700	9,400	9,600	10,100	10,800
105	9,500	9,600	10,100	10,500	8,300	8,400	9,000	9,600
110	8,500	8,600	9,000	9,400	7,300	7,400	7,900	8,500
115	7,600	7,700	8,100	8,400	6,400	6,500	7,000	7,500
120	6,800	6,900	7,200	7,500	5,600	5,700	6,200	6,600
125	6,100	6,200	6,400	6,700	4,900	5,000	5,400	5,800
130	5,400	5,500	5,700	5,900	4,200	4,300	4,700	5,000
135	4,800	4,800	5,100	5,200	3,600	3,700	4,000	4,300
140	4,200	4,300	4,400	4,500	3,000	3,100	3,400	3,700
145	3,700	3,700	3,900		2,500	2,600	2,800	3,100
150	3,200	3,300	3,400		2,000	2,100	2,300	2,600
155	2,800	2,800			1,600	1,600	1,800	2,000
160					1,100	1,200	1,400	1,600
165								1,100
Min Angle	0.0	0.0	0.0	0.0	34.0	34.0	34.0	33.5
Max Rad.	156.9	156.9	156.6	154.6	161.2	162.0	164.8	166.0
Capacity	2,700	2,700	2,700	2,800	0	0	0	0

1072010

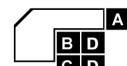
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



28,400 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,600	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	12,700	13,000	13,800	14,700	11,900	12,100	13,000	14,000
90	11,200	11,400	12,100	13,000	10,300	10,500	11,400	12,300
95	9,800	10,000	10,700	11,400	8,900	9,100	9,900	10,700
100	8,500	8,700	9,400	10,100	7,700	7,900	8,600	9,400
105	7,500	7,600	8,200	8,900	6,600	6,800	7,500	8,200
110	6,500	6,600	7,200	7,800	5,700	5,800	6,400	7,100
115	5,600	5,700	6,200	6,800	4,800	4,900	5,500	6,100
120	4,800	4,900	5,400	5,900	4,000	4,100	4,700	5,200
125	4,000	4,200	4,600	5,100	3,200	3,400	3,900	4,400
130	3,400	3,500	3,900	4,300	2,600	2,700	3,200	3,700
135	2,800	2,900	3,300	3,600	2,000	2,100	2,500	3,000
140	2,200	2,300	2,700	3,000	1,400	1,500	1,900	2,300
145	1,700	1,800	2,100	2,400			1,400	1,800
150	1,200	1,300	1,600	1,900				1,200
155				1,400				
Min Angle	45.0	45.0	45.0	45.0	53.0	53.0	53.0	53.0
Max Rad.	151.5	151.5	155.0	158.4	141.8	143.0	147.5	151.6
Capacity	0	0	0	0	0	0	0	0

1072010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



28,400 lbs



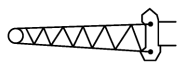
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	21,600	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	19,100	19,100	17,200	16,400
80					16,800	16,500	16,400		17,000	17,100	17,100	16,300
85									15,300	15,400	15,800	16,200
90									13,700	13,800	14,200	14,500
95									12,300	12,300	12,700	13,000
100									11,000	11,100	11,300	11,500
105									9,900	10,000	10,200	
110									9,000	9,000		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,600	16,500	16,400	16,300	8,800	8,800	8,800	9,100

1072020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



28,400 lbs

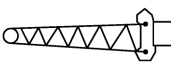


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	18,300	18,500	18,100	16,800	16,900	17,000	17,100	17,100
80	16,200	16,300	17,000	16,600	15,000	15,200	15,900	16,000
85	14,500	14,600	15,300	15,800	13,200	13,400	14,200	14,900
90	12,900	13,000	13,600	14,200	11,600	11,800	12,500	13,200
95	11,500	11,600	12,100	12,600	10,200	10,400	11,000	11,700
100	10,200	10,400	10,800	11,300	9,000	9,100	9,700	10,300
105	9,100	9,200	9,700	10,000	7,900	8,000	8,600	9,100
110	8,100	8,200	8,600	8,900	6,900	7,000	7,500	8,000
115	7,300	7,300	7,700	7,900	6,000	6,100	6,600	7,000
120	6,400	6,500	6,800	7,000	5,200	5,300	5,700	6,100
125	5,700	5,800	6,000	6,200	4,500	4,600	5,000	5,300
130	5,000	5,100	5,300	5,300	3,800	3,900	4,200	4,600
135	4,400	4,500	4,600		3,200	3,300	3,600	3,900
140	3,900	3,900	3,900		2,600	2,700	3,000	3,200
145					2,100	2,200	2,400	2,600
150					1,600	1,700	1,900	2,100
155					1,200	1,200	1,400	1,500
Min Angle	0.0	0.0	0.0	0.0	28.0	28.0	28.0	28.5
Max Rad.	142.3	142.4	142.0	140.1	156.8	157.5	159.2	159.1
Capacity	3,700	3,700	3,700	3,800	0	0	0	0

1072020



Full



32.5 ft Hydraulic Offset Fly



28,400 lbs



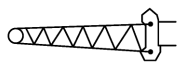
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	18,400	18,700	19,000	17,100	15,700	15,700	16,100	17,100
75	16,000	16,200	17,200	17,100	15,300	15,600	16,100	17,100
80	14,100	14,400	15,300	16,000	13,200	13,500	14,500	15,500
85	12,300	12,500	13,400	14,300	11,400	11,700	12,600	13,600
90	10,700	10,900	11,700	12,500	9,900	10,100	10,900	11,800
95	9,400	9,500	10,200	11,000	8,500	8,700	9,500	10,300
100	8,100	8,300	9,000	9,600	7,300	7,500	8,200	8,900
105	7,000	7,200	7,800	8,400	6,200	6,400	7,000	7,700
110	6,100	6,200	6,800	7,300	5,200	5,400	6,000	6,600
115	5,200	5,300	5,800	6,400	4,300	4,500	5,100	5,700
120	4,400	4,500	5,000	5,500	3,500	3,700	4,200	4,800
125	3,600	3,800	4,200	4,600	2,800	2,900	3,400	4,000
130	3,000	3,100	3,500	3,900	2,100	2,300	2,700	3,200
135	2,400	2,500	2,800	3,200	1,500	1,700	2,100	2,500
140	1,800	1,900	2,200	2,600			1,500	1,900
145	1,300	1,400	1,700	2,000				1,300
150				1,400				
Min Angle	41.0	41.0	42.0	41.5	50.5	51.0	50.5	51.0
Max Rad.	146.9	148.0	150.0	153.2	137.9	139.1	143.4	146.0
Capacity	0	0	0	0	0	0	0	0

1072020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



28,400 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,600	8,100	7,700	7,500
125									7,800	7,900	7,600	7,500
130									7,100	7,200	7,500	7,500
135									6,500	6,600	6,800	6,900
140									5,900	6,000	6,200	
145									5,400	5,400	5,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	5,100	5,100	5,200	5,400

1072030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



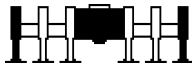
28,400 lbs



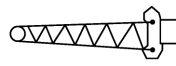
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	10,200	9,900	8,800	8,000
105	10,400	9,300	8,400	7,800	9,100	9,300	8,600	7,900
110	9,300	9,100	8,300	7,700	8,000	8,300	8,500	7,900
115	8,400	8,600	8,100	7,700	7,100	7,400	8,200	7,800
120	7,600	7,800	8,000	7,600	6,300	6,500	7,300	7,800
125	6,900	7,000	7,600	7,500	5,600	5,800	6,500	7,200
130	6,200	6,300	6,800	7,300	4,900	5,100	5,700	6,400
135	5,500	5,700	6,100	6,600	4,300	4,400	5,000	5,700
140	5,000	5,100	5,500	5,900	3,700	3,800	4,400	5,000
145	4,400	4,500	4,900	5,300	3,200	3,300	3,800	4,400
150	3,900	4,000	4,400	4,700	2,700	2,800	3,300	3,800
155	3,500	3,600	3,800	4,100	2,200	2,300	2,800	3,200
160	3,100	3,100	3,400	3,500	1,800	1,900	2,300	2,700
165	2,700	2,700	2,900	2,900	1,400	1,500	1,900	2,200
170	2,300	2,300	2,500			1,100	1,500	1,800
175	2,000	2,000	2,000				1,100	1,400
Min Angle	0.0	0.0	0.0	0.0	39.5	39.0	39.5	40.0
Max Rad.	179.4	179.4	178.7	175.4	170.0	171.7	176.3	179.0
Capacity	1,800	1,800	1,800	1,900	0	0	0	0

1072030

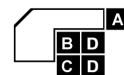
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



28,400 lbs



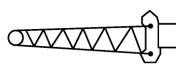
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	9,300	9,600	8,900	8,100	8,500	8,800	8,900	8,100
105	8,200	8,500	8,700	8,000	7,400	7,600	8,800	8,000
110	7,200	7,400	8,400	7,900	6,400	6,600	7,700	8,000
115	6,300	6,500	7,400	7,900	5,500	5,700	6,700	7,800
120	5,500	5,700	6,500	7,500	4,700	4,900	5,800	6,800
125	4,700	4,900	5,700	6,600	3,900	4,100	5,000	6,000
130	4,100	4,300	5,000	5,800	3,200	3,500	4,300	5,200
135	3,400	3,600	4,300	5,000	2,600	2,800	3,600	4,400
140	2,900	3,000	3,700	4,400	2,100	2,200	3,000	3,700
145	2,300	2,500	3,100	3,700	1,500	1,700	2,400	3,100
150	1,800	2,000	2,600	3,100			1,900	2,500
155	1,400	1,500	2,100	2,600			1,400	2,000
160		1,100	1,600	2,100				1,500
165			1,200	1,600				
170				1,200				
Min Angle	48.5	48.5	48.5	49.0	55.5	56.0	56.0	56.0
Max Rad.	158.6	160.6	167.0	172.0	149.6	150.0	158.0	165.0
Capacity	0	0	0	0	0	0	0	0

1072030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



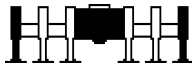
28,400 lbs



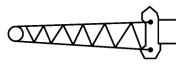
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,700	7,700	7,500	7,500
130									7,000	7,100	7,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	6,600	6,600	6,700	7,000

1072040

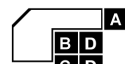
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



28,400 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,100	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	9,900	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	8,800	9,000	8,600	7,900
110	9,100	8,900	8,100	7,700	7,800	8,000	8,400	7,800
115	8,200	8,400	8,000	7,600	6,900	7,100	7,900	7,800
120	7,400	7,600	7,900	7,500	6,100	6,300	7,000	7,700
125	6,700	6,800	7,300	7,500	5,300	5,500	6,200	6,900
130	6,000	6,100	6,600	7,000	4,600	4,800	5,400	6,100
135	5,300	5,500	5,900	6,300	4,000	4,200	4,800	5,400
140	4,800	4,900	5,200	5,500	3,400	3,600	4,100	4,700
145	4,200	4,300	4,600	4,900	2,900	3,000	3,500	4,100
150	3,800	3,800	4,100	4,100	2,400	2,500	3,000	3,500
155	3,300	3,400	3,600		2,000	2,100	2,500	2,900
160	2,900	2,900	3,000		1,500	1,600	2,000	2,400
165					1,100	1,200	1,600	1,900
170							1,200	1,400
Min Angle	0.0	0.0	0.0	0.0	34.5	34.5	34.5	35.0
Max Rad.	164.8	164.9	164.1	161.0	166.7	168.3	172.5	174.0
Capacity	2,600	2,600	2,600	2,800	0	0	0	0

1072040



Full



55 ft Hydraulic Offset Fly



28,400 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	11,700	10,500	9,100	8,200	10,700	10,600	9,200	8,200
95	10,300	10,300	8,900	8,100	9,400	9,700	9,000	8,100
100	9,000	9,300	8,800	8,000	8,100	8,400	8,900	8,100
105	7,900	8,200	8,700	7,900	7,000	7,300	8,400	8,000
110	6,900	7,200	8,100	7,900	6,000	6,300	7,400	7,900
115	6,000	6,300	7,200	7,800	5,100	5,400	6,400	7,500
120	5,200	5,400	6,300	7,200	4,300	4,600	5,500	6,500
125	4,500	4,700	5,500	6,300	3,600	3,800	4,700	5,600
130	3,800	4,000	4,700	5,500	2,900	3,100	4,000	4,800
135	3,200	3,400	4,000	4,700	2,300	2,500	3,300	4,100
140	2,600	2,800	3,400	4,100	1,700	1,900	2,700	3,400
145	2,100	2,200	2,800	3,400		1,400	2,100	2,800
150	1,600	1,700	2,300	2,800			1,500	2,200
155	1,100	1,300	1,800	2,300				1,600
160			1,300	1,800				1,100
165				1,300				
Min Angle	45.0	45.0	45.5	45.5	53.5	53.5	53.5	54.0
Max Rad.	155.9	157.8	163.0	168.0	145.0	147.5	155.0	160.5
Capacity	0	0	0	0	0	0	0	0

1072040

Rated Lifting Capacities in Pounds



Full



32,800 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	202,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	173,400	135,200	176,200	175,300	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	137,400	118,800	141,200	140,100	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	105,900	106,000	110,400	109,200	69,500	97,700	105,900	109,700	64,500	62,300	90,300	92,200
30	79,000	85,500	84,300	82,900	62,300	87,200	85,700	83,300	57,700	55,800	80,800	82,500
35		65,800	64,700	63,500	56,400	68,200	66,200	64,000	52,100	50,500	68,500	65,900
40		52,600	51,600	50,300	51,500	55,000	53,200	51,000	47,600	46,000	55,400	52,900
45		42,600	41,600	40,300	45,900	45,100	43,200	41,200	43,600	42,200	45,500	43,100
50					38,300	37,500	35,700	33,700	39,600	38,900	38,100	35,700
55					32,500	31,700	30,000	28,100	33,700	33,100	32,300	30,200
60					27,900	27,100	25,500	23,600	29,100	28,500	27,800	25,600
65								19,900	25,400	24,700	24,000	21,900
70									22,200	21,600	20,900	18,800
75									19,600	19,000	18,300	16,200
80												14,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	36,800	35,100	33,300	25,300	24,200	22,000	19,500	18,100	17,300	16,400	13,800

1080010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	82,000	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	63,000	43,600	57,100	67,100	64,600	60,000	44,000	60,900	42,300	66,400	56,500	39,300	47,100
40	49,800	39,700	52,500	54,800	51,600	49,000	40,200	55,900	38,600	53,500	50,600	35,900	43,400
45	40,100	36,400	47,100	44,900	41,800	39,400	36,900	46,300	35,400	43,600	40,900	32,900	40,100
50	32,900	33,600	39,500	37,500	34,500	32,200	34,100	38,800	32,600	36,200	33,700	30,400	37,200
55	27,500	31,200	33,800	31,800	29,100	26,800	31,600	33,100	30,200	30,700	28,200	28,200	33,600
60	23,000	29,000	29,300	27,400	24,600	22,400	29,500	28,700	28,000	26,200	23,800	26,200	29,200
65	19,300	26,200	25,600	23,700	21,000	18,900	26,100	25,000	25,100	22,600	20,200	24,400	25,500
70	16,300	23,000	22,400	20,600	18,000	15,900	23,100	21,900	22,100	19,600	17,300	22,800	22,400
75	13,800	20,400	19,800	18,000	15,500	13,400	20,500	19,300	19,500	17,000	14,900	20,400	19,900
80	11,600	18,200	17,600	15,800	13,300	11,300	18,200	17,100	17,200	14,900	12,700	18,200	17,700
85		16,200	15,700	14,000	11,400	9,400	16,300	15,300	15,400	13,000	10,900	16,300	15,800
90		14,600	14,000	12,300	9,800	7,800	14,600	13,600	13,700	11,400	9,200	14,700	14,200
95				10,800	8,300	6,400	13,200	12,100	12,200	9,900	7,800	13,200	12,700
100							11,800	10,800	10,900	8,600	6,500	11,900	11,400
105							10,700	9,600	9,800	7,500	5,400	10,700	10,200
110										6,400	4,300	9,600	9,100
115												8,700	8,200
120												7,800	7,300
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	10,900	13,600	12,900	10,800	7,800	5,500	9,900	8,700	8,800	6,200	3,700	7,200	6,600

1080010



Full



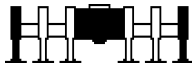
32,800 lbs



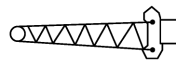
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	54,700	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	44,900	42,500	42,400	30,800	43,800	29,700	32,500	35,400	26,600	27,900	22,500
50	37,500	35,200	38,100	28,400	36,400	27,400	30,100	35,400	26,600	27,900	22,500
55	31,800	29,700	32,400	26,200	30,900	25,300	27,900	31,400	26,600	27,900	22,500
60	27,400	25,300	28,000	24,300	26,500	23,400	26,000	27,100	25,100	26,200	22,500
65	23,700	21,700	24,300	22,500	22,800	21,800	23,400	23,400	23,400	22,500	22,500
70	20,700	18,700	21,300	21,000	19,800	20,300	20,300	20,400	21,100	19,500	20,300
75	18,200	16,200	18,700	18,600	17,300	18,900	17,800	17,800	18,500	17,000	17,700
80	16,000	14,200	16,500	16,400	15,300	17,200	15,600	15,700	16,400	15,000	15,600
85	14,200	12,300	14,800	14,700	13,400	15,500	13,900	14,000	14,700	13,200	13,900
90	12,600	10,700	13,200	13,100	11,800	13,800	12,300	12,300	13,000	11,500	12,300
95	11,100	9,200	11,700	11,600	10,300	12,400	10,900	10,900	11,600	10,100	10,800
100	9,800	7,900	10,400	10,300	9,000	11,100	9,600	9,600	10,300	8,800	9,600
105	8,600	6,800	9,200	9,100	7,900	9,900	8,400	8,500	9,200	7,700	8,400
110	7,600	5,700	8,200	8,100	6,800	8,900	7,400	7,500	8,100	6,700	7,400
115	6,600	4,800	7,200	7,100	5,900	7,900	6,500	6,500	7,200	5,800	6,500
120	5,800	4,000	6,400	6,300	5,000	7,100	5,600	5,700	6,400	4,900	5,700
125	5,000	3,200	5,600	5,500	4,300	6,300	4,800	4,900	5,600	4,200	4,900
130			4,900	4,800	3,600	5,600	4,100	4,200	4,900	3,500	4,200
135			4,200	4,100	2,900	4,900	3,500	3,500	4,200	2,800	3,500
140			3,700	3,600	2,300	4,300	2,900	2,900	3,600	2,200	2,900
145						3,700	2,300	2,400	3,000	1,700	2,400
150						3,200	1,800	1,900	2,500		1,900
155						2,800	1,300	1,400	2,000		1,400
160									1,600		
165									1,200		
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	33.5	36.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	167.3	149.8	157.9
Capacity	4,800	2,800	3,500	3,400	2,100	2,700	1,200	1,200	0	0	0

1080010

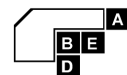
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,100	50,800	66,100	50,900	64,900	51,000	49,200	44,600	68,200	52,300
40	51,300	49,800	54,100	49,900	53,200	50,000	52,100	50,000	44,800	40,900	55,100	51,100
45			44,300	44,300	43,300	43,300	42,200	42,200	40,800	37,800	45,300	45,300
50			36,900	36,900	36,000	36,000	35,000	35,000	37,500	35,100	37,900	37,900
55			31,400	31,400	30,500	30,500	29,500	29,500	32,900	32,800	32,200	32,200
60									28,500	28,500	27,700	27,700
65									24,800	24,800	24,100	24,100
70									21,800	21,800	21,100	21,100
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	43,000	43,000	28,000	28,000	26,800	26,800	25,400	25,400	20,200	20,200	19,300	19,300

1083010

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	66,400	52,500	64,400	52,700	47,800	44,600	46,700	43,700	68,100	53,400	65,600	53,700
40	53,400	51,300	51,500	51,400	43,500	40,700	42,400	39,800	55,000	52,200	52,700	52,400
45	43,600	43,600	41,700	41,700	39,700	37,400	38,700	36,600	45,200	45,200	42,900	42,900
50	36,300	36,300	34,400	34,400	36,400	34,500	35,400	33,800	37,800	37,800	35,600	35,600
55	30,700	30,700	28,900	28,900	33,400	32,100	32,700	31,300	32,100	32,100	30,100	30,100
60	26,200	26,200	24,500	24,500	28,900	28,900	28,300	28,300	27,700	27,700	25,600	25,600
65	22,600	22,600	20,900	20,900	25,200	25,200	24,700	24,700	24,000	24,000	22,000	22,000
70	19,700	19,700	18,000	18,000	22,200	22,200	21,600	21,600	21,000	21,000	19,000	19,000
75			15,600	15,600	19,600	19,600	19,100	19,100	18,400	18,400	16,500	16,500
80					17,500	17,500	16,900	16,900	16,300	16,300	14,500	14,500
85					15,700	15,700	15,100	15,100	14,500	14,500	12,600	12,600
90											11,100	11,100
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	17,400	17,400	15,400	15,400	14,600	14,600	13,900	13,900	13,200	13,200	10,900	10,900

1083020

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



32,800 lbs



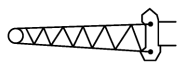
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	62,900	54,000	40,900	38,600	52,700	47,600	64,200	54,000	64,000	54,500	58,700	54,600
40	49,900	49,900	37,000	35,200	48,000	44,000	54,200	52,800	51,200	51,200	48,700	48,700
45	40,200	40,200	33,700	32,200	44,200	40,800	44,400	44,400	41,400	41,400	39,100	39,100
50	33,000	33,000	30,900	30,000	38,900	37,900	37,000	37,000	34,200	34,200	31,900	31,900
55	27,500	27,500	28,700	27,800	33,100	33,100	31,400	31,400	28,700	28,700	26,500	26,500
60	23,200	23,200	26,600	25,800	28,700	28,700	26,900	26,900	24,300	24,300	22,200	22,200
65	19,600	19,600	24,700	24,100	25,000	25,000	23,300	23,300	20,700	20,700	18,700	18,700
70	16,700	16,700	22,500	22,500	21,900	21,900	20,200	20,200	17,700	17,700	15,800	15,800
75	14,300	14,300	19,900	19,900	19,400	19,400	17,700	17,700	15,400	15,400	13,400	13,400
80	12,200	12,200	17,800	17,800	17,200	17,200	15,600	15,600	13,200	13,200	11,300	11,300
85	10,400	10,400	15,900	15,900	15,400	15,400	13,800	13,800	11,400	11,400	9,500	9,500
90	8,900	8,900	14,300	14,300	13,800	13,800	12,200	12,200	9,800	9,800	8,000	8,000
95			12,900	12,900	12,300	12,300	10,700	10,700	8,400	8,400	6,600	6,600
100			11,600	11,600	11,100	11,100	9,500	9,500	7,200	7,200	5,400	5,400
105							8,400	8,400	6,100	6,100	4,300	4,300
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	8,400	8,400	10,900	10,900	10,300	10,300	8,400	8,400	5,800	5,800	3,700	3,700

1083010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



32,800 lbs



360°

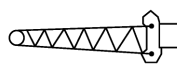
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	52,600	52,600	49,600	49,600	34,100	33,000
45	34,700	33,500	45,500	43,500	33,400	32,400	42,900	42,900	40,300	40,300	31,100	30,300
50	31,900	30,900	38,000	38,000	30,600	29,900	35,500	35,500	33,100	33,100	28,700	28,100
55	29,600	28,800	32,300	32,300	28,300	27,700	30,000	30,000	27,700	27,700	26,500	25,900
60	27,500	26,800	27,900	27,900	26,200	25,600	25,600	25,600	23,300	23,300	24,500	24,000
65	25,300	25,000	24,200	24,200	24,300	23,800	21,900	21,900	19,700	19,700	22,700	22,400
70	22,300	22,300	21,200	21,200	21,300	21,300	18,900	18,900	16,800	16,800	21,100	20,800
75	19,700	19,700	18,600	18,600	18,800	18,800	16,400	16,400	14,400	14,400	19,500	19,500
80	17,500	17,500	16,400	16,400	16,600	16,600	14,400	14,400	12,300	12,300	17,300	17,300
85	15,700	15,700	14,700	14,700	14,800	14,800	12,600	12,600	10,500	10,500	15,500	15,500
90	14,100	14,100	13,000	13,000	13,200	13,200	10,900	10,900	8,900	8,900	13,900	13,900
95	12,600	12,600	11,600	11,600	11,700	11,700	9,500	9,500	7,500	7,500	12,400	12,400
100	11,300	11,300	10,300	10,300	10,500	10,500	8,300	8,300	6,300	6,300	11,100	11,100
105	10,200	10,200	9,200	9,200	9,300	9,300	7,200	7,200	5,200	5,200	10,000	10,000
110	9,200	9,200	8,200	8,200	8,300	8,300	6,200	6,200	4,200	4,200	9,000	9,000
115	8,300	8,300	7,300	7,300	7,400	7,400	5,300	5,300	3,300	3,300	8,000	8,000
120							4,500	4,500	2,500	2,500	7,200	7,200
125											6,500	6,500
130											5,800	5,800
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	7,700	7,700	6,600	6,600	6,700	6,700	4,300	4,300	2,100	2,100	5,300	5,300

1083010

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



32,800 lbs



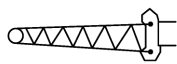
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	44,000	44,000	41,700	41,700	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	36,600	36,600	34,400	34,400	35,400	35,300	26,900	26,600	35,400	35,400
55	32,300	31,000	31,000	31,000	28,900	28,900	31,500	31,500	24,700	24,500	30,000	30,000
60	28,300	28,300	26,500	26,500	24,500	24,500	27,000	27,000	22,800	22,600	25,500	25,500
65	24,600	24,600	22,900	22,900	20,900	20,900	23,300	23,300	21,000	20,900	21,900	21,900
70	21,500	21,500	19,900	19,900	17,900	17,900	20,300	20,300	19,500	19,400	18,900	18,900
75	19,000	19,000	17,300	17,300	15,600	15,600	17,800	17,800	17,700	17,700	16,400	16,400
80	16,800	16,800	15,300	15,300	13,500	13,500	15,800	15,800	15,700	15,700	14,400	14,400
85	15,000	15,000	13,500	13,500	11,600	11,600	13,900	13,900	13,800	13,800	12,500	12,500
90	13,400	13,400	11,800	11,800	10,000	10,000	12,300	12,300	12,200	12,200	10,900	10,900
95	11,900	11,900	10,400	10,400	8,600	8,600	10,800	10,800	10,700	10,700	9,500	9,500
100	10,700	10,700	9,100	9,100	7,400	7,400	9,500	9,500	9,400	9,400	8,200	8,200
105	9,500	9,500	8,000	8,000	6,200	6,200	8,400	8,400	8,300	8,300	7,100	7,100
110	8,500	8,500	7,000	7,000	5,300	5,300	7,400	7,400	7,300	7,300	6,100	6,100
115	7,600	7,600	6,100	6,100	4,400	4,400	6,500	6,500	6,400	6,400	5,200	5,200
120	6,800	6,800	5,300	5,300	3,500	3,500	5,600	5,600	5,600	5,600	4,400	4,400
125	6,000	6,000	4,500	4,500	2,800	2,800	4,900	4,900	4,800	4,800	3,600	3,600
130	5,300	5,300	3,900	3,900	2,100	2,100	4,200	4,200	4,100	4,100	3,000	3,000
135			3,300	3,300	1,500	1,500	3,600	3,600	3,500	3,500	2,300	2,300
140							3,000	3,000	2,900	2,900	1,800	1,800
145							2,500	2,500	2,400	2,400	1,200	1,200
150							2,000	2,000	1,900	1,900		
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	18.5
Max Rad. Capacity	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	145.7	145.7
	4,800	4,800	3,100	3,100	1,300	1,300	1,900	1,900	1,800	1,800	0	0

1083020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



32,800 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	26,000	26,000	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,300	22,300	22,400	22,400	21,900	21,600	21,400	21,400	19,600	19,600
70	18,800	18,800	19,300	19,300	19,400	19,400	20,000	20,000	18,400	18,400	19,100	19,100
75	17,400	17,400	16,800	16,800	16,800	16,800	17,400	17,400	15,900	15,900	16,600	16,600
80	16,100	16,100	14,800	14,800	14,900	14,900	15,500	15,500	14,000	14,000	14,600	14,600
85	14,400	14,400	12,900	12,900	13,000	13,000	13,600	13,600	12,100	12,100	12,800	12,800
90	12,800	12,800	11,300	11,300	11,400	11,400	12,000	12,000	10,500	10,500	11,200	11,200
95	11,400	11,400	9,900	9,900	9,900	9,900	10,500	10,500	9,100	9,100	9,700	9,700
100	10,100	10,100	8,600	8,600	8,700	8,700	9,300	9,300	7,800	7,800	8,500	8,500
105	8,900	8,900	7,500	7,500	7,500	7,500	8,100	8,100	6,700	6,700	7,300	7,300
110	7,900	7,900	6,500	6,500	6,500	6,500	7,100	7,100	5,700	5,700	6,300	6,300
115	7,000	7,000	5,600	5,600	5,600	5,600	6,200	6,200	4,800	4,800	5,400	5,400
120	6,200	6,200	4,800	4,800	4,800	4,800	5,400	5,400	4,000	4,000	4,600	4,600
125	5,400	5,400	4,000	4,000	4,100	4,100	4,600	4,600	3,200	3,200	3,800	3,800
130	4,700	4,700	3,300	3,300	3,400	3,400	3,900	3,900	2,600	2,600	3,200	3,200
135	4,100	4,100	2,700	2,700	2,700	2,700	3,300	3,300	1,900	1,900	2,500	2,500
140	3,500	3,500	2,100	2,100	2,200	2,200	2,700	2,700	1,300	1,300	1,900	1,900
145	2,900	2,900	1,600	1,600	1,600	1,600	2,200	2,200			1,400	1,400
150	2,400	2,400					1,700	1,700				
155	2,000	2,000					1,200	1,200				
160	1,600	1,600										
165	1,200	1,200										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	28.5	28.5	28.5	28.5	33.0	33.0	42.5	42.5	44.5	44.5
Max Rad.	166.1	166.1	149.4	149.4	150.0	150.0	155.9	155.9	141.1	141.1	147.6	147.6
Capacity	1,200	1,200	0	0	0	0	0	0	0	0	0	0

1083010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



32,800 lbs



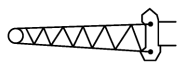
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					16,900	16,900	16,400	16,300	16,700	16,600	16,400	16,300
90					15,300	15,300	15,500		15,200	15,300	15,500	15,400
95					13,800	13,900			13,700	13,800	14,200	14,600
100									12,400	12,500	12,800	13,200
105									11,200	11,300	11,600	11,900
110									10,200	10,300	10,500	10,700
115									9,300	9,300	9,500	9,500
120									8,400	8,500	8,600	
125									7,700	7,700		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	13,700	13,700	13,800	14,200	7,600	7,600	7,600	7,800

1082010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,400	14,600	14,800	14,800	13,200	13,300	13,400	13,500
95	12,900	13,100	13,600	14,000	11,700	11,900	12,500	12,600
100	11,600	11,800	12,200	12,700	10,400	10,500	11,100	11,800
105	10,500	10,600	11,000	11,400	9,200	9,400	9,900	10,500
110	9,400	9,500	9,900	10,300	8,200	8,300	8,800	9,400
115	8,500	8,600	8,900	9,300	7,300	7,400	7,900	8,300
120	7,600	7,700	8,000	8,300	6,400	6,500	7,000	7,400
125	6,800	6,900	7,200	7,500	5,600	5,700	6,100	6,500
130	6,100	6,200	6,500	6,700	4,900	5,000	5,400	5,800
135	5,500	5,500	5,800	5,900	4,300	4,400	4,700	5,000
140	4,900	4,900	5,100	5,200	3,700	3,800	4,100	4,400
145	4,300	4,400	4,500		3,100	3,200	3,500	3,800
150	3,900	3,900	4,000		2,600	2,700	3,000	3,200
155	3,400	3,400			2,200	2,200	2,500	2,600
160					1,700	1,800	2,000	2,100
165					1,300	1,400	1,500	1,700
170							1,100	1,200
Min Angle	0.0	0.0	0.0	0.0	29.0	29.0	29.5	29.0
Max Rad.	156.9	156.9	156.6	154.6	168.8	170.0	171.7	172.0
Capacity	3,300	3,300	3,300	3,400	0	0	0	0

1082010



Full



32.5 ft Hydraulic Offset Fly



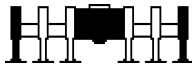
32,800 lbs



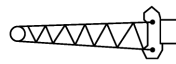
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	13,900	14,200	15,000	15,400	12,700	12,700	13,100	14,400
90	12,300	12,500	13,200	14,100	11,400	11,700	12,500	13,400
95	10,800	11,000	11,700	12,500	10,000	10,200	11,000	11,800
100	9,500	9,700	10,400	11,100	8,700	8,900	9,600	10,400
105	8,400	8,500	9,200	9,800	7,600	7,700	8,400	9,100
110	7,400	7,500	8,100	8,700	6,500	6,700	7,300	8,000
115	6,400	6,600	7,100	7,600	5,600	5,800	6,300	7,000
120	5,600	5,700	6,200	6,700	4,800	4,900	5,500	6,000
125	4,800	4,900	5,400	5,800	4,000	4,200	4,700	5,200
130	4,100	4,200	4,600	5,100	3,300	3,400	3,900	4,400
135	3,500	3,600	4,000	4,400	2,700	2,800	3,200	3,700
140	2,900	3,000	3,300	3,700	2,100	2,200	2,600	3,000
145	2,300	2,400	2,800	3,100	1,500	1,600	2,000	2,400
150	1,800	1,900	2,200	2,500			1,500	1,800
155	1,300	1,400	1,700	2,000				1,300
160			1,200	1,500				
Min Angle	42.0	42.0	42.5	42.0	50.5	51.0	51.0	51.0
Max Rad.	158.6	158.6	162.1	164.9	149.2	150.0	153.3	157.1
Capacity	0	0	0	0	0	0	0	0

1082010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	20,500	19,100	17,200	16,400
80					16,800	16,500	16,400		18,300	18,400	17,100	16,300
85									16,300	16,500	16,900	16,300
90									14,800	14,900	15,300	15,700
95									13,300	13,400	13,700	14,000
100									12,000	12,100	12,300	12,500
105									10,900	10,900	11,100	
110									9,900	9,900		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	9,700	9,600	9,700	10,000

1082020



Full



32.5 ft Hydraulic Offset Fly



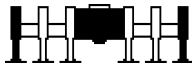
32,800 lbs



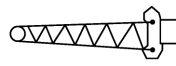
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,400	17,600	17,600	16,600	15,800	15,800	15,900	16,000
85	15,700	15,700	16,300	16,500	14,400	14,600	14,800	14,900
90	14,000	14,200	14,700	15,300	12,700	12,900	13,600	13,900
95	12,500	12,700	13,200	13,700	11,300	11,400	12,100	12,800
100	11,200	11,400	11,800	12,300	10,000	10,100	10,700	11,300
105	10,100	10,200	10,600	11,000	8,800	9,000	9,500	10,100
110	9,000	9,100	9,500	9,800	7,800	7,900	8,400	8,900
115	8,100	8,200	8,500	8,800	6,900	7,000	7,400	7,900
120	7,200	7,300	7,600	7,800	6,000	6,100	6,500	7,000
125	6,500	6,500	6,800	6,900	5,200	5,300	5,700	6,100
130	5,800	5,800	6,000	6,000	4,500	4,600	5,000	5,300
135	5,200	5,200	5,300		3,900	4,000	4,300	4,600
140	4,600	4,600	4,500		3,300	3,400	3,700	3,900
145					2,800	2,800	3,100	3,300
150					2,300	2,300	2,500	2,700
155					1,800	1,800	2,000	2,100
160					1,400	1,400	1,600	
165							1,100	
Min Angle	0.0	0.0	0.0	0.0	21.5	22.0	22.0	21.5
Max Rad.	142.3	142.4	142.0	140.1	164.5	164.6	166.0	164.6
Capacity	4,400	4,400	4,400	4,500	0	0	0	0

1082020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	17,400	17,600	18,000	17,100	15,700	15,700	16,100	17,100
80	15,400	15,600	16,300	16,800	14,500	14,700	15,500	16,600
85	13,500	13,700	14,600	15,500	12,600	12,800	13,800	14,800
90	11,800	12,100	12,800	13,700	11,000	11,200	12,000	12,900
95	10,400	10,600	11,300	12,100	9,500	9,700	10,500	11,300
100	9,100	9,300	9,900	10,600	8,300	8,400	9,200	9,900
105	8,000	8,100	8,700	9,400	7,100	7,300	8,000	8,700
110	6,900	7,100	7,700	8,200	6,100	6,300	6,900	7,500
115	6,000	6,200	6,700	7,200	5,200	5,300	5,900	6,500
120	5,200	5,300	5,800	6,300	4,300	4,500	5,000	5,600
125	4,400	4,500	5,000	5,400	3,600	3,700	4,200	4,700
130	3,700	3,800	4,200	4,600	2,900	3,000	3,500	3,900
135	3,100	3,200	3,600	3,900	2,200	2,400	2,800	3,200
140	2,500	2,600	2,900	3,200	1,700	1,800	2,200	2,600
145	1,900	2,000	2,300	2,600		1,200	1,600	2,000
150	1,400	1,500	1,800	2,100				1,400
155			1,300	1,500				
Min Angle	38.5	38.5	38.5	38.5	48.0	48.5	49.0	48.5
Max Rad.	153.1	154.1	157.3	159.6	144.6	145.8	148.6	152.2
Capacity	0	0	0	0	0	0	0	0

1082020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



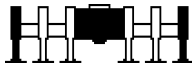
32,800 lbs



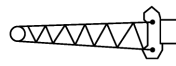
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									7,900	7,800	7,500	7,500
135									7,200	7,300	7,500	7,500
140									6,600	6,700	6,800	
145									6,100	6,100	6,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	5,800	5,800	5,800	6,100

1082030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



32,800 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,200	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,000	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	8,900	9,200	8,500	7,900
115	9,300	9,000	8,100	7,700	8,000	8,200	8,400	7,800
120	8,400	8,600	8,000	7,600	7,100	7,300	8,100	7,800
125	7,600	7,800	7,900	7,500	6,300	6,500	7,200	7,700
130	6,900	7,000	7,500	7,500	5,600	5,800	6,500	7,200
135	6,200	6,400	6,800	7,300	5,000	5,100	5,700	6,400
140	5,600	5,800	6,200	6,600	4,400	4,500	5,100	5,700
145	5,100	5,200	5,600	5,900	3,800	4,000	4,500	5,000
150	4,600	4,700	5,000	5,300	3,300	3,400	3,900	4,400
155	4,100	4,200	4,500	4,700	2,800	2,900	3,400	3,800
160	3,600	3,700	4,000	4,100	2,400	2,500	2,900	3,300
165	3,200	3,300	3,500	3,500	1,900	2,100	2,400	2,800
170	2,800	2,900	3,000		1,600	1,700	2,000	2,300
175	2,500	2,500	2,500		1,200	1,300	1,600	1,900
180							1,200	1,500
Min Angle	0.0	0.0	0.0	0.0	35.5	36.0	36.5	36.5
Max Rad.	179.4	179.4	178.7	175.4	178.3	178.8	183.3	185.0
Capacity	2,300	2,300	2,300	2,400	0	0	0	0

1082030



Full



55 ft Hydraulic Offset Fly



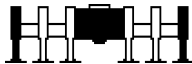
32,800 lbs



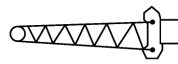
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,300	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	9,100	9,400	8,700	8,000	8,300	8,600	8,800	8,000
110	8,100	8,300	8,600	7,900	7,200	7,500	8,600	8,000
115	7,100	7,400	8,300	7,900	6,300	6,600	7,500	7,900
120	6,300	6,500	7,300	7,800	5,500	5,700	6,600	7,600
125	5,500	5,700	6,500	7,400	4,700	4,900	5,800	6,700
130	4,800	5,000	5,700	6,500	4,000	4,200	5,000	5,900
135	4,100	4,300	5,000	5,800	3,300	3,500	4,300	5,100
140	3,500	3,700	4,400	5,000	2,700	2,900	3,600	4,400
145	3,000	3,100	3,800	4,400	2,200	2,400	3,000	3,800
150	2,500	2,600	3,200	3,800	1,700	1,800	2,500	3,200
155	2,000	2,100	2,700	3,200	1,200	1,400	2,000	2,600
160	1,600	1,700	2,200	2,700			1,500	2,100
165	1,100	1,300	1,700	2,200				1,600
170			1,300	1,700				1,100
175				1,300				
Min Angle	46.0	46.0	46.0	46.5	53.5	53.5	54.0	54.0
Max Rad. Capacity	166.3 0	167.6 0	173.8 0	178.0 0	156.4 0	158.5 0	164.4 0	171.3 0

1082030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



32,800 lbs

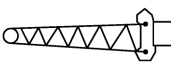


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,300	7,300	7,400	7,500

1082040



Full



55 ft Hydraulic Offset Fly



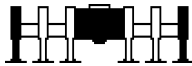
32,800 lbs



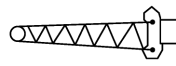
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	10,900	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	9,700	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	8,700	8,900	8,400	7,800
115	9,100	8,700	8,000	7,600	7,700	7,900	8,300	7,800
120	8,200	8,400	7,900	7,500	6,900	7,100	7,800	7,700
125	7,400	7,600	7,800	7,500	6,100	6,300	7,000	7,600
130	6,700	6,800	7,300	7,400	5,400	5,500	6,200	6,900
135	6,100	6,200	6,600	7,000	4,700	4,900	5,500	6,100
140	5,500	5,500	5,900	6,200	4,100	4,300	4,800	5,400
145	4,900	5,000	5,300	5,500	3,600	3,700	4,200	4,700
150	4,400	4,500	4,700	4,800	3,000	3,200	3,600	4,100
155	3,900	4,000	4,200		2,600	2,700	3,100	3,500
160	3,500	3,500	3,600		2,100	2,200	2,600	3,000
165					1,700	1,800	2,200	2,500
170					1,300	1,400	1,700	2,000
175						1,100	1,300	1,400
Min Angle	0.0	0.0	0.0	0.0	30.0	29.5	31.0	30.0
Max Rad.	164.8	164.9	164.1	161.0	175.0	176.3	178.8	179.0
Capacity	3,200	3,200	3,200	3,400	0	0	0	0

1082040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



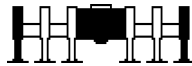
32,800 lbs



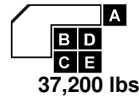
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,300	10,300	8,900	8,100	10,400	10,400	9,000	8,100
100	10,000	10,100	8,800	8,000	9,100	9,400	8,900	8,100
105	8,800	9,100	8,700	7,900	8,000	8,300	8,800	8,000
110	7,800	8,100	8,600	7,900	6,900	7,200	8,300	7,900
115	6,900	7,100	8,000	7,800	6,000	6,200	7,200	7,900
120	6,000	6,200	7,100	7,800	5,100	5,400	6,300	7,300
125	5,200	5,400	6,200	7,100	4,400	4,600	5,500	6,400
130	4,500	4,700	5,400	6,200	3,700	3,900	4,700	5,600
135	3,900	4,100	4,700	5,400	3,000	3,200	4,000	4,800
140	3,300	3,500	4,100	4,700	2,400	2,600	3,300	4,100
145	2,700	2,900	3,500	4,100	1,900	2,100	2,700	3,400
150	2,200	2,400	2,900	3,500	1,400	1,500	2,200	2,800
155	1,700	1,900	2,400	2,900			1,600	2,200
160	1,300	1,400	1,900	2,300			1,200	1,700
165			1,400	1,800				1,200
170				1,400				
Min Angle	42.0	42.0	42.5	43.0	51.0	51.5	51.5	51.5
Max Rad.	163.3	165.0	169.9	174.0	153.1	153.7	161.0	167.0
Capacity	0	0	0	0	0	0	0	0

1082040

Rated Lifting
Capacities in
Pounds



Full



37,200 lbs



360°

Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	203,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	174,300	135,200	177,100	176,200	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	139,400	118,800	142,600	141,700	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	108,800	106,000	112,900	111,800	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	83,200	89,700	88,500	87,100	62,300	87,200	89,900	87,500	57,700	55,800	80,800	82,500
35		69,200	68,100	66,800	56,400	71,500	69,600	67,400	52,100	50,500	71,900	69,300
40		55,400	54,400	53,200	51,500	57,800	56,000	53,900	47,600	46,000	58,200	55,800
45		45,400	44,400	43,200	46,800	47,800	46,100	44,000	43,600	42,200	48,300	45,900
50					40,800	39,900	38,200	36,200	40,300	39,000	40,500	38,200
55					34,600	33,800	32,100	30,300	35,900	35,200	34,500	32,200
60					29,800	29,100	27,400	25,500	31,100	30,500	29,700	27,500
65								21,700	27,100	26,500	25,800	23,600
70									23,800	23,200	22,500	20,400
75									21,100	20,500	19,800	17,700
80												15,500
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	39,300	37,600	35,800	27,100	26,000	23,700	21,300	19,500	18,700	17,800	15,200

1090010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	66,300	43,600	57,100	67,100	68,000	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	52,900	39,700	52,500	57,600	54,600	52,200	40,200	55,900	38,600	56,300	51,000	35,900	43,400
45	43,000	36,400	48,500	47,700	44,700	42,200	36,900	49,000	35,400	46,400	43,800	32,900	40,100
50	35,400	33,600	42,000	40,000	37,000	34,700	34,100	41,300	32,600	38,700	36,100	30,400	37,200
55	29,600	31,200	35,900	34,000	31,200	29,000	31,600	35,300	30,200	32,700	30,400	28,200	34,700
60	24,900	29,000	31,300	29,400	26,600	24,400	29,500	30,600	28,000	28,200	25,800	26,200	31,200
65	21,100	27,100	27,300	25,500	22,800	20,600	27,500	26,700	26,100	24,300	22,000	24,400	27,300
70	17,900	24,700	24,000	22,200	19,600	17,500	24,700	23,500	23,700	21,200	18,900	22,800	24,000
75	15,300	21,900	21,300	19,500	16,900	14,900	21,900	20,800	21,000	18,500	16,300	21,400	21,300
80	13,000	19,500	18,900	17,200	14,700	12,700	19,600	18,500	18,600	16,200	14,100	19,600	19,000
85		17,500	16,900	15,200	12,700	10,700	17,500	16,400	16,600	14,300	12,100	17,600	17,000
90		15,800	15,200	13,500	11,000	9,000	15,800	14,800	14,900	12,600	10,400	15,800	15,400
95				12,000	9,500	7,500	14,300	13,200	13,400	11,000	8,900	14,300	13,800
100							12,900	11,800	12,000	9,700	7,600	12,900	12,400
105							11,700	10,600	10,800	8,500	6,400	11,700	11,200
110										7,400	5,300	10,600	10,100
115												9,600	9,100
120												8,700	8,200
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	12,200	14,700	14,000	11,900	8,900	6,600	10,800	9,600	9,700	7,100	4,700	8,000	7,500

1090010

Rated Lifting
Capacities in
Pounds



Full

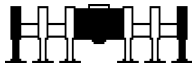


37,200 lbs

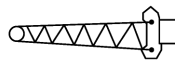


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	47,600	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	39,900	37,700	39,800	28,400	38,900	27,400	30,100	35,400	26,600	27,900	22,500
55	33,900	31,800	34,500	26,200	32,900	25,300	27,900	33,600	26,600	27,900	22,500
60	29,300	27,200	30,000	24,300	28,400	23,400	26,000	29,000	25,100	27,500	22,500
65	25,500	23,400	26,100	22,500	24,600	21,800	24,300	25,200	23,400	24,300	22,500
70	22,300	20,300	22,900	21,000	21,400	20,300	21,900	22,000	21,900	21,100	21,900
75	19,600	17,600	20,200	19,500	18,700	18,900	19,300	19,300	20,000	18,500	19,200
80	17,400	15,500	17,900	17,800	16,500	17,700	17,000	17,000	17,700	16,200	16,900
85	15,500	13,600	15,900	15,800	14,700	16,600	15,200	15,300	15,800	14,400	15,200
90	13,800	11,900	14,400	14,300	13,000	15,000	13,500	13,500	14,200	12,700	13,500
95	12,200	10,300	12,800	12,700	11,500	13,500	12,000	12,000	12,700	11,200	12,000
100	10,800	9,000	11,500	11,400	10,100	12,100	10,600	10,700	11,400	9,900	10,600
105	9,600	7,800	10,200	10,100	8,900	10,900	9,500	9,500	10,200	8,700	9,400
110	8,500	6,700	9,100	9,000	7,800	9,800	8,400	8,400	9,100	7,700	8,400
115	7,500	5,700	8,100	8,000	6,800	8,800	7,400	7,400	8,100	6,700	7,400
120	6,600	4,800	7,200	7,100	5,900	7,900	6,500	6,500	7,200	5,800	6,500
125	5,800	4,000	6,400	6,300	5,100	7,100	5,700	5,700	6,400	5,000	5,700
130			5,700	5,600	4,400	6,400	4,900	5,000	5,600	4,300	5,000
135			5,000	4,900	3,700	5,700	4,200	4,300	5,000	3,600	4,300
140			4,400	4,300	3,100	5,000	3,600	3,600	4,300	2,900	3,700
145						4,400	3,000	3,100	3,700	2,400	3,100
150						3,900	2,500	2,500	3,200	1,800	2,500
155						3,400	2,000	2,000	2,700	1,300	2,000
160									2,200		1,600
165									1,800		1,100
170									1,400		
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	32.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	157.2	165.7
Capacity	5,600	3,600	4,200	4,100	2,800	3,300	1,900	1,800	1,300	0	0

1090010



Full



10 ft Hydraulic Offset Fly



37,200 lbs



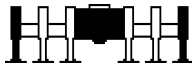
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	69,500	50,900	68,300	51,000	49,200	44,600	71,600	52,300
40	54,100	49,800	56,900	49,900	56,000	50,000	54,900	50,000	44,800	40,900	57,900	51,100
45			47,100	47,100	46,200	46,200	45,100	45,100	40,800	37,800	48,100	48,100
50			39,400	39,400	38,500	38,500	37,400	37,400	37,500	35,100	40,300	40,300
55			33,500	33,500	32,600	32,600	31,600	31,600	34,200	32,800	34,400	34,400
60									30,400	30,400	29,700	29,700
65									26,600	26,600	25,900	25,900
70									23,400	23,400	22,700	22,700
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	45,900	45,900	30,000	30,000	28,800	28,800	27,400	27,400	21,700	21,700	20,800	20,800

1093120

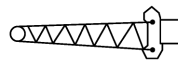
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	69,800	52,500	67,700	52,700	47,800	44,600	46,700	43,700	68,800	53,400	69,000	53,700
40	56,200	51,300	54,300	51,400	43,500	40,700	42,400	39,800	57,800	52,200	55,500	52,400
45	46,500	46,500	44,500	44,500	39,700	37,400	38,700	36,600	48,000	48,000	45,800	45,800
50	38,700	38,700	36,900	36,900	36,400	34,500	35,400	33,800	40,200	40,200	38,000	38,000
55	32,800	32,800	31,100	31,100	33,600	32,100	32,700	31,300	34,200	34,200	32,100	32,100
60	28,200	28,200	26,500	26,500	30,900	30,000	30,300	29,400	29,600	29,600	27,600	27,600
65	24,400	24,400	22,700	22,700	27,000	27,000	26,400	26,400	25,800	25,800	23,800	23,800
70	21,300	21,300	19,600	19,600	23,800	23,800	23,200	23,200	22,600	22,600	20,600	20,600
75			17,100	17,100	21,100	21,100	20,600	20,600	19,900	19,900	18,000	18,000
80					18,800	18,800	18,300	18,300	17,700	17,700	15,800	15,800
85					16,900	16,900	16,400	16,400	15,800	15,800	13,900	13,900
90											12,300	12,300
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	18,900	18,900	16,900	16,900	15,800	15,800	15,200	15,200	14,400	14,400	12,100	12,100

1093120

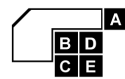
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



37,200 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	66,100	54,000	40,900	38,600	52,700	47,600	64,200	54,000	67,400	54,500	58,700	54,600
40	52,800	52,700	37,000	35,200	48,000	44,000	57,000	52,800	54,000	53,300	51,700	51,700
45	43,000	43,000	33,700	32,200	44,200	40,800	47,200	47,200	44,300	44,300	41,900	41,900
50	35,400	35,400	30,900	30,000	40,800	37,900	39,400	39,400	36,600	36,600	34,400	34,400
55	29,700	29,700	28,700	27,800	35,300	35,300	33,500	33,500	30,900	30,900	28,700	28,700
60	25,100	25,100	26,600	25,800	30,700	30,700	28,900	28,900	26,200	26,200	24,100	24,100
65	21,400	21,400	24,700	24,100	26,800	26,800	25,000	25,000	22,500	22,500	20,400	20,400
70	18,300	18,300	23,100	22,500	23,600	23,600	21,900	21,900	19,300	19,300	17,400	17,400
75	15,800	15,800	21,400	21,100	20,900	20,900	19,200	19,200	16,700	16,700	14,900	14,900
80	13,600	13,600	19,100	19,100	18,600	18,600	16,900	16,900	14,600	14,600	12,700	12,700
85	11,700	11,700	17,200	17,200	16,600	16,600	15,100	15,100	12,700	12,700	10,800	10,800
90	10,100	10,100	15,500	15,500	15,000	15,000	13,400	13,400	11,000	11,000	9,200	9,200
95			14,000	14,000	13,500	13,500	11,900	11,900	9,500	9,500	7,700	7,700
100			12,700	12,700	12,100	12,100	10,600	10,600	8,300	8,300	6,400	6,400
105							9,400	9,400	7,100	7,100	5,300	5,300
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	9,500	9,500	11,900	11,900	11,300	11,300	9,400	9,400	6,800	6,800	4,700	4,700

1093110

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



37,200 lbs



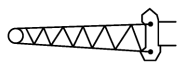
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	55,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	45,700	45,700	43,100	43,100	31,100	30,300
50	31,900	30,900	40,500	40,500	30,600	29,900	38,000	38,000	35,500	35,500	28,700	28,100
55	29,600	28,800	34,500	34,500	28,300	27,700	32,100	32,100	29,800	29,800	26,500	25,900
60	27,500	26,800	29,900	29,900	26,200	25,600	27,500	27,500	25,200	25,200	24,500	24,000
65	25,500	25,000	26,000	26,000	24,300	23,800	23,700	23,700	21,500	21,500	22,700	22,400
70	23,800	23,400	22,800	22,800	22,600	22,200	20,600	20,600	18,400	18,400	21,100	20,800
75	21,200	21,200	20,100	20,100	20,200	20,200	17,900	17,900	15,800	15,800	19,700	19,500
80	18,900	18,900	17,800	17,800	18,000	18,000	15,800	15,800	13,700	13,700	18,400	18,200
85	16,900	16,900	15,800	15,800	16,000	16,000	13,800	13,800	11,800	11,800	16,700	16,700
90	15,300	15,300	14,200	14,200	14,400	14,400	12,100	12,100	10,100	10,100	15,100	15,100
95	13,700	13,700	12,700	12,700	12,900	12,900	10,700	10,700	8,600	8,600	13,500	13,500
100	12,400	12,400	11,400	11,400	11,500	11,500	9,300	9,300	7,400	7,400	12,200	12,200
105	11,200	11,200	10,200	10,200	10,300	10,300	8,200	8,200	6,200	6,200	11,000	11,000
110	10,100	10,100	9,200	9,200	9,300	9,300	7,100	7,100	5,200	5,200	9,900	9,900
115	9,200	9,200	8,200	8,200	8,300	8,300	6,200	6,200	4,200	4,200	9,000	9,000
120							5,400	5,400	3,400	3,400	8,100	8,100
125											7,300	7,300
130											6,600	6,600
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	8,600	8,600	7,500	7,500	7,600	7,600	5,200	5,200	3,000	3,000	6,100	6,100

1093110

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



37,200 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	39,000	39,000	36,800	36,800	35,400	35,300	26,900	26,600	37,900	37,900
55	32,300	31,000	33,000	33,000	31,100	31,100	33,500	33,100	24,700	24,500	32,000	32,000
60	30,100	29,100	28,500	28,500	26,400	26,400	29,000	29,000	22,800	22,600	27,400	27,400
65	26,400	26,400	24,700	24,700	22,700	22,700	25,100	25,100	21,000	20,900	23,600	23,600
70	23,100	23,100	21,500	21,500	19,500	19,500	21,900	21,900	19,500	19,400	20,500	20,500
75	20,400	20,400	18,800	18,800	16,900	16,900	19,200	19,200	18,000	18,000	17,800	17,800
80	18,200	18,200	16,500	16,500	14,800	14,800	17,000	17,000	16,800	16,800	15,800	15,800
85	16,200	16,200	14,700	14,700	12,900	12,900	15,200	15,200	15,100	15,100	13,800	13,800
90	14,600	14,600	13,000	13,000	11,200	11,200	13,400	13,400	13,300	13,300	12,100	12,100
95	13,100	13,100	11,500	11,500	9,700	9,700	11,900	11,900	11,800	11,800	10,600	10,600
100	11,700	11,700	10,200	10,200	8,400	8,400	10,600	10,600	10,500	10,500	9,300	9,300
105	10,500	10,500	9,000	9,000	7,300	7,300	9,400	9,400	9,300	9,300	8,100	8,100
110	9,500	9,500	8,000	8,000	6,200	6,200	8,300	8,300	8,300	8,300	7,100	7,100
115	8,500	8,500	7,000	7,000	5,300	5,300	7,400	7,400	7,300	7,300	6,100	6,100
120	7,600	7,600	6,100	6,100	4,400	4,400	6,500	6,500	6,400	6,400	5,200	5,200
125	6,800	6,800	5,400	5,400	3,600	3,600	5,700	5,700	5,600	5,600	4,500	4,500
130	6,100	6,100	4,700	4,700	2,900	2,900	5,000	5,000	4,900	4,900	3,700	3,700
135			4,000	4,000	2,300	2,300	4,300	4,300	4,300	4,300	3,100	3,100
140							3,700	3,700	3,600	3,600	2,500	2,500
145							3,200	3,200	3,100	3,100	1,900	1,900
150							2,700	2,700	2,600	2,600	1,500	1,500
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	5,500	5,500	3,900	3,900	2,000	2,000	2,600	2,600	2,500	2,500	1,300	1,300

1093110

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



37,200 lbs



360°

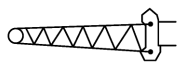
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	27,900	27,900	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	24,100	24,100	21,900	21,600	23,200	23,200	19,600	19,600
70	18,800	18,800	20,900	20,900	21,000	21,000	20,400	20,200	20,000	20,000	19,600	19,600
75	17,400	17,400	18,300	18,300	18,300	18,300	18,900	18,800	17,400	17,400	18,100	18,100
80	16,200	16,200	16,000	16,000	16,000	16,000	16,600	16,600	15,400	15,400	15,800	15,800
85	15,100	15,100	14,200	14,200	14,300	14,300	14,900	14,900	13,400	13,400	14,100	14,100
90	14,000	14,000	12,500	12,500	12,600	12,600	13,200	13,200	11,700	11,700	12,400	12,400
95	12,500	12,500	11,000	11,000	11,100	11,100	11,700	11,700	10,200	10,200	10,900	10,900
100	11,100	11,100	9,700	9,700	9,700	9,700	10,300	10,300	8,900	8,900	9,500	9,500
105	9,900	9,900	8,500	8,500	8,600	8,600	9,100	9,100	7,700	7,700	8,400	8,400
110	8,900	8,900	7,500	7,500	7,500	7,500	8,100	8,100	6,700	6,700	7,300	7,300
115	7,900	7,900	6,500	6,500	6,500	6,500	7,100	7,100	5,700	5,700	6,300	6,300
120	7,000	7,000	5,600	5,600	5,700	5,700	6,200	6,200	4,800	4,800	5,500	5,500
125	6,200	6,200	4,800	4,800	4,900	4,900	5,400	5,400	4,100	4,100	4,700	4,700
130	5,500	5,500	4,100	4,100	4,200	4,200	4,700	4,700	3,300	3,300	3,900	3,900
135	4,800	4,800	3,500	3,500	3,500	3,500	4,000	4,000	2,700	2,700	3,300	3,300
140	4,200	4,200	2,900	2,900	2,900	2,900	3,400	3,400	2,100	2,100	2,700	2,700
145	3,600	3,600	2,300	2,300	2,300	2,300	2,900	2,900	1,500	1,500	2,100	2,100
150	3,100	3,100	1,800	1,800	1,800	1,800	2,300	2,300			1,600	1,600
155	2,600	2,600	1,300	1,300	1,300	1,300	1,800	1,800				
160	2,200	2,200					1,400	1,400				
165	1,800	1,800										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	21.0	21.0	21.5	21.5	27.5	27.5	39.0	39.0	41.5	41.5
Max Rad.	166.1	166.1	157.4	157.4	157.8	157.8	164.3	164.3	148.2	148.2	154.6	154.6
Capacity	1,800	1,800	0	0	0	0	0	0	0	0	0	0

1093010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



37,200 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					16,400	16,500	16,400		15,900	15,700	15,500	15,400
95					15,000	15,000			14,800	14,800	14,700	14,600
100									13,500	13,600	13,900	13,800
105									12,200	12,300	12,600	12,900
110									11,100	11,200	11,500	11,700
115									10,200	10,200	10,400	10,400
120									9,300	9,300	9,500	
125									8,500	8,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	14,800	14,800	14,900	15,400	8,400	8,400	8,500	8,700

1092010



Full



32.5 ft Hydraulic Offset Fly



37,200 lbs



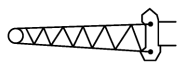
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	12,700	12,800	13,100	13,100	11,500	11,500	11,700	11,800
105	11,500	11,600	12,000	12,400	10,200	10,400	10,900	11,000
110	10,400	10,500	10,900	11,300	9,100	9,300	9,800	10,300
115	9,400	9,500	9,800	10,200	8,200	8,300	8,800	9,200
120	8,500	8,600	8,900	9,200	7,300	7,400	7,800	8,300
125	7,700	7,700	8,000	8,300	6,500	6,600	7,000	7,400
130	6,900	7,000	7,200	7,500	5,700	5,800	6,200	6,600
135	6,200	6,300	6,500	6,700	5,000	5,100	5,500	5,800
140	5,600	5,700	5,900	5,900	4,400	4,500	4,800	5,100
145	5,100	5,100	5,200		3,800	3,900	4,200	4,500
150	4,500	4,600	4,700		3,300	3,400	3,600	3,900
155	4,100	4,100			2,800	2,900	3,100	3,300
160					2,400	2,400	2,600	2,800
165					1,900	2,000	2,200	2,300
170					1,500	1,600	1,700	1,800
175					1,200	1,200	1,300	
Min Angle	0.0	0.0	0.0	0.0	22.5	22.5	23.5	22.5
Max Rad.	156.9	156.9	156.6	154.6	177.5	178.3	178.8	178.0
Capacity	3,900	3,900	4,000	4,100	0	0	0	0

1092010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



37,200 lbs



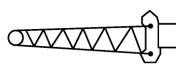
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	13,500	13,700	14,400	14,400	12,600	12,700	13,100	14,400
95	12,000	12,100	12,800	13,600	11,100	11,300	12,100	12,900
100	10,600	10,800	11,400	12,100	9,800	10,000	10,700	11,400
105	9,400	9,600	10,200	10,800	8,600	8,700	9,400	10,100
110	8,300	8,500	9,000	9,600	7,500	7,700	8,300	8,900
115	7,300	7,500	8,000	8,500	6,500	6,700	7,300	7,900
120	6,400	6,600	7,100	7,600	5,600	5,800	6,300	6,900
125	5,600	5,800	6,200	6,700	4,800	5,000	5,500	6,000
130	4,900	5,000	5,400	5,900	4,100	4,200	4,700	5,200
135	4,200	4,300	4,700	5,100	3,400	3,600	4,000	4,400
140	3,600	3,700	4,100	4,400	2,800	2,900	3,300	3,800
145	3,000	3,100	3,500	3,800	2,200	2,300	2,700	3,100
150	2,500	2,600	2,900	3,200	1,700	1,800	2,200	2,500
155	2,000	2,100	2,400	2,600	1,200	1,300	1,700	2,000
160	1,500	1,600	1,900	2,100				1,500
165		1,200	1,400	1,600				
170				1,200				
Min Angle	39.0	39.0	39.0	39.0	48.5	48.0	49.0	49.0
Max Rad.	165.0	166.3	169.5	171.8	156.3	157.5	160.0	163.7
Capacity	0	0	0	0	0	0	0	0

1092010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



37,200 lbs



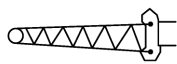
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,600	18,400	17,100	16,300
85									17,600	17,700	17,000	16,300
90									15,900	16,000	16,400	16,300
95									14,400	14,500	14,800	15,100
100									13,100	13,100	13,400	13,500
105									11,900	11,900	12,100	
110									10,800	10,800		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	10,600	10,600	10,700	11,000

1092020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



37,200 lbs



360°

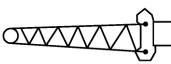


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,800	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,200	15,300	15,700	15,600	13,600	13,700	13,800	13,900
95	13,700	13,800	14,300	14,700	12,400	12,600	12,900	13,000
100	12,300	12,400	12,900	13,300	11,000	11,200	11,800	12,100
105	11,100	11,200	11,600	12,000	9,800	10,000	10,500	11,100
110	10,000	10,100	10,400	10,800	8,700	8,900	9,400	9,900
115	9,000	9,100	9,400	9,700	7,800	7,900	8,300	8,800
120	8,100	8,200	8,500	8,700	6,900	7,000	7,400	7,800
125	7,300	7,400	7,600	7,800	6,100	6,200	6,600	6,900
130	6,600	6,600	6,800	6,800	5,300	5,400	5,800	6,100
135	5,900	6,000	6,100		4,700	4,700	5,100	5,300
140	5,300	5,300	5,300		4,000	4,100	4,400	4,600
145					3,500	3,500	3,800	4,000
150					2,900	3,000	3,200	3,400
155					2,400	2,500	2,700	2,800
160					2,000	2,000	2,200	
165					1,600	1,600	1,700	
Min Angle	0.0	0.0	0.0	0.0	15.0	16.0	17.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	170.0	170.0	170.0	171.7
Capacity	5,100	5,100	5,100	5,300	0	0	0	1,000

1092020



Full



32.5 ft Hydraulic Offset Fly



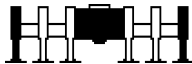
37,200 lbs



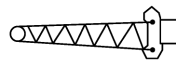
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	16,500	16,800	16,900	16,800	15,600	15,700	16,100	17,000
85	14,800	15,000	15,600	15,800	13,900	14,100	15,000	15,800
90	13,000	13,300	14,000	14,800	12,200	12,400	13,200	14,100
95	11,500	11,700	12,400	13,200	10,700	10,900	11,600	12,500
100	10,200	10,400	11,000	11,700	9,300	9,500	10,200	11,000
105	9,000	9,100	9,700	10,400	8,100	8,300	9,000	9,700
110	7,900	8,000	8,600	9,200	7,000	7,200	7,800	8,500
115	6,900	7,100	7,600	8,100	6,100	6,200	6,800	7,400
120	6,000	6,200	6,600	7,100	5,200	5,300	5,900	6,400
125	5,200	5,400	5,800	6,200	4,400	4,500	5,000	5,600
130	4,500	4,600	5,000	5,400	3,700	3,800	4,300	4,700
135	3,800	3,900	4,300	4,700	3,000	3,100	3,600	4,000
140	3,200	3,300	3,700	4,000	2,400	2,500	2,900	3,300
145	2,600	2,700	3,000	3,300	1,800	1,900	2,300	2,700
150	2,100	2,200	2,500	2,700	1,300	1,400	1,700	2,100
155	1,600	1,700	2,000	2,200			1,200	1,500
160	1,200	1,200	1,500	1,600				
165				1,100				
Min Angle	34.0	34.5	34.5	34.5	46.0	46.0	46.0	46.0
Max Rad.	160.6	161.5	164.3	165.8	151.1	152.2	156.1	159.3
Capacity	0	0	0	0	0	0	0	0

1092020

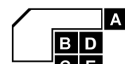
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



37,200 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,300	7,400	7,500	
145									6,800	6,800	6,900	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	6,500	6,500	6,500	6,800

1092030



Full



55 ft Hydraulic Offset Fly



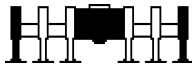
37,200 lbs



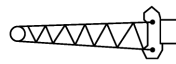
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	8,900	9,100	8,400	7,800
120	9,300	8,800	8,000	7,600	8,000	8,200	8,300	7,800
125	8,500	8,600	7,900	7,500	7,200	7,400	8,100	7,700
130	7,700	7,800	7,900	7,500	6,400	6,600	7,300	7,600
135	7,000	7,100	7,600	7,400	5,700	5,900	6,500	7,200
140	6,400	6,500	6,900	7,300	5,100	5,200	5,800	6,400
145	5,800	5,900	6,300	6,600	4,500	4,700	5,200	5,700
150	5,200	5,300	5,700	6,000	4,000	4,100	4,600	5,100
155	4,700	4,800	5,100	5,400	3,500	3,600	4,000	4,500
160	4,300	4,300	4,600	4,700	3,000	3,100	3,500	3,900
165	3,800	3,900	4,100	4,100	2,600	2,700	3,100	3,400
170	3,400	3,500	3,600		2,200	2,300	2,600	2,900
175	3,100	3,100	3,100		1,800	1,900	2,200	2,500
180					1,400	1,500	1,800	2,000
185					1,100	1,200	1,400	1,600
190							1,100	1,100
Min Angle	0.0	0.0	0.0	0.0	31.0	31.5	31.5	32.0
Max Rad.	179.4	179.4	178.7	175.4	186.7	187.5	191.3	191.0
Capacity	2,800	2,800	2,900	3,000	0	0	0	0

1092030

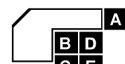
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



37,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,100	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	9,000	9,300	8,600	7,900	8,200	8,500	8,700	8,000
115	8,000	8,300	8,500	7,900	7,200	7,500	8,500	7,900
120	7,200	7,400	8,200	7,800	6,300	6,600	7,500	7,900
125	6,300	6,500	7,300	7,700	5,500	5,700	6,600	7,600
130	5,600	5,800	6,500	7,300	4,800	5,000	5,800	6,700
135	4,900	5,100	5,800	6,500	4,100	4,300	5,100	5,900
140	4,300	4,400	5,100	5,800	3,500	3,700	4,400	5,100
145	3,700	3,900	4,500	5,100	2,900	3,100	3,700	4,500
150	3,200	3,300	3,900	4,500	2,300	2,500	3,200	3,800
155	2,600	2,800	3,300	3,900	1,800	2,000	2,600	3,200
160	2,200	2,300	2,800	3,300	1,400	1,500	2,100	2,700
165	1,700	1,900	2,300	2,800			1,600	2,200
170	1,300	1,500	1,900	2,300			1,200	1,700
175			1,500	1,800				1,200
180			1,100	1,400				
Min Angle	43.0	43.5	43.5	44.0	52.0	51.5	52.0	52.0
Max Rad.	175.0	175.0	181.3	185.0	162.9	165.0	172.2	177.1
Capacity	0	0	0	0	0	0	0	0

1092030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



37,200 lbs



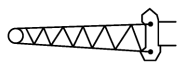
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1092040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



37,200 lbs

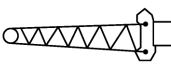


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,700	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	9,600	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	8,600	8,800	8,300	7,800
120	9,100	8,500	7,900	7,500	7,700	7,900	8,200	7,700
125	8,300	8,300	7,800	7,500	6,900	7,100	7,800	7,600
130	7,500	7,600	7,700	7,400	6,200	6,300	7,000	7,500
135	6,800	6,900	7,300	7,400	5,500	5,600	6,200	6,800
140	6,200	6,300	6,600	7,000	4,800	5,000	5,500	6,100
145	5,600	5,700	6,000	6,200	4,300	4,400	4,900	5,400
150	5,100	5,100	5,400	5,400	3,700	3,900	4,300	4,800
155	4,600	4,600	4,800		3,200	3,300	3,800	4,200
160	4,100	4,200	4,200		2,800	2,900	3,200	3,600
165					2,300	2,400	2,800	3,100
170					1,900	2,000	2,300	2,600
175					1,500	1,600	1,900	2,000
180					1,200	1,300	1,500	1,500
185							1,100	
Min Angle	0.0	0.0	0.0	0.0	24.0	24.5	24.5	25.5
Max Rad.	164.8	164.9	164.1	161.0	183.3	183.8	186.3	182.4
Capacity	3,800	3,800	3,800	4,000	0	0	0	0

1092040



Full



55 ft Hydraulic Offset Fly



37,200 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,100	10,100	8,800	8,000	10,200	10,200	8,900	8,100
105	9,900	9,900	8,700	7,900	9,000	9,300	8,800	8,000
110	8,800	9,000	8,600	7,900	7,900	8,200	8,700	7,900
115	7,800	8,000	8,400	7,800	6,900	7,200	8,100	7,900
120	6,900	7,100	7,900	7,800	6,000	6,300	7,200	7,800
125	6,100	6,300	7,100	7,700	5,200	5,400	6,300	7,200
130	5,300	5,500	6,200	7,000	4,500	4,700	5,500	6,400
135	4,600	4,800	5,500	6,200	3,800	4,000	4,700	5,600
140	4,000	4,200	4,800	5,500	3,200	3,300	4,100	4,800
145	3,400	3,600	4,200	4,800	2,600	2,800	3,400	4,100
150	2,900	3,000	3,600	4,100	2,000	2,200	2,800	3,500
155	2,400	2,500	3,000	3,500	1,500	1,700	2,300	2,900
160	1,900	2,100	2,500	3,000		1,200	1,800	2,300
165	1,500	1,600	2,000	2,500			1,300	1,800
170	1,100	1,200	1,600	2,000				1,300
175			1,200	1,500				
Min Angle	39.0	39.0	39.5	40.0	49.5	49.0	49.5	49.5
Max Rad.	171.3	172.5	177.3	180.0	159.1	161.1	168.0	173.8
Capacity	0	0	0	0	0	0	0	0

1092040

Rated Lifting
Capacities in
Pounds



Full



41,600 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	204,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	175,200	135,200	177,900	177,100	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	140,100	118,800	143,300	142,400	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	111,000	106,000	114,800	113,700	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	87,200	93,200	92,200	91,000	62,300	87,200	93,600	91,500	57,700	55,800	80,800	82,500
35		72,400	71,300	70,000	56,400	74,800	72,800	70,600	52,100	50,500	73,000	72,500
40		58,100	57,100	55,900	51,500	60,500	58,700	56,600	47,600	46,000	60,900	58,500
45		47,800	46,900	45,700	46,800	50,100	48,400	46,500	43,600	42,200	50,700	48,400
50					42,600	42,300	40,600	38,600	40,300	39,000	42,900	40,500
55					36,700	35,900	34,200	32,300	37,400	36,200	36,600	34,300
60					31,700	30,900	29,300	27,400	32,900	32,200	31,600	29,400
65								23,400	28,800	28,200	27,500	25,300
70									25,400	24,800	24,100	22,000
75									22,500	21,900	21,200	19,100
80												16,800
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	41,700	40,000	38,200	28,900	27,800	25,400	23,000	20,900	20,100	19,200	16,500

1100010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	69,500	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	55,600	39,700	52,500	60,300	57,300	53,900	40,200	55,900	38,600	59,000	51,000	35,900	43,400
45	45,700	36,400	48,500	50,100	47,300	44,900	36,900	51,400	35,400	48,800	46,300	32,900	40,100
50	37,700	33,600	44,400	42,300	39,400	37,000	34,100	43,700	32,600	41,000	38,500	30,400	37,200
55	31,700	31,200	38,000	36,100	33,200	31,100	31,600	37,400	30,200	34,800	32,400	28,200	34,700
60	26,800	29,000	33,000	31,200	28,400	26,200	29,500	32,400	28,000	30,000	27,600	26,200	32,400
65	22,800	27,100	29,000	27,200	24,500	22,300	27,500	28,400	26,100	26,000	23,700	24,400	29,000
70	19,500	25,500	25,600	23,800	21,100	19,000	25,800	25,100	24,500	22,700	20,400	22,800	25,600
75	16,700	23,300	22,700	20,900	18,300	16,300	23,400	22,200	22,400	19,900	17,700	21,400	22,800
80	14,300	20,800	20,300	18,500	15,900	14,000	20,900	19,800	19,900	17,500	15,400	20,100	20,400
85		18,700	18,100	16,400	13,900	11,900	18,800	17,700	17,800	15,500	13,400	18,800	18,300
90		16,900	16,300	14,600	12,100	10,100	16,900	15,800	16,000	13,700	11,600	16,900	16,400
95				13,000	10,500	8,600	15,400	14,300	14,400	12,100	10,000	15,400	14,900
100							13,900	12,900	13,000	10,700	8,600	14,000	13,500
105							12,600	11,600	11,700	9,400	7,300	12,700	12,200
110										8,300	6,200	11,500	11,000
115												10,500	10,000
120												9,500	9,000
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	13,500	15,800	15,100	13,000	10,000	7,600	11,800	10,500	10,700	8,000	5,500	8,800	8,300

1100010

Rated Lifting
Capacities in
Pounds



Full



41,600 lbs



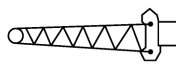
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	50,000	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	42,300	40,000	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	36,000	33,800	36,600	26,200	35,000	25,300	27,900	35,400	26,600	27,900	22,500
60	31,200	29,100	31,700	24,300	30,300	23,400	26,000	30,900	25,100	27,500	22,500
65	27,200	25,100	27,800	22,500	26,300	21,800	24,300	26,900	23,400	25,800	22,500
70	23,900	21,800	24,400	21,000	23,000	20,300	22,700	23,500	21,900	22,700	22,500
75	21,100	19,100	21,600	19,500	20,200	18,900	20,700	20,800	20,500	19,900	20,600
80	18,700	16,700	19,200	18,300	17,800	17,700	18,300	18,400	19,100	17,500	18,300
85	16,600	14,800	17,200	17,100	15,700	16,600	16,300	16,300	17,000	15,700	16,200
90	14,900	13,000	15,500	15,400	14,100	15,600	14,600	14,700	15,400	13,900	14,600
95	13,300	11,400	13,900	13,800	12,500	14,600	13,100	13,100	13,800	12,300	13,100
100	11,900	10,000	12,500	12,400	11,100	13,200	11,700	11,700	12,400	10,900	11,700
105	10,600	8,700	11,200	11,100	9,800	11,900	10,400	10,500	11,100	9,700	10,400
110	9,400	7,600	10,100	10,000	8,700	10,800	9,300	9,300	10,000	8,600	9,300
115	8,400	6,600	9,000	8,900	7,700	9,700	8,200	8,300	9,000	7,600	8,300
120	7,500	5,700	8,100	8,000	6,700	8,800	7,300	7,400	8,100	6,600	7,400
125	6,600	4,800	7,200	7,100	5,900	7,900	6,400	6,500	7,200	5,800	6,500
130			6,400	6,300	5,100	7,100	5,700	5,700	6,400	5,000	5,700
135			5,700	5,600	4,400	6,400	5,000	5,000	5,700	4,300	5,000
140			5,100	5,000	3,800	5,700	4,300	4,300	5,000	3,600	4,400
145						5,100	3,700	3,700	4,400	3,000	3,800
150						4,600	3,100	3,200	3,800	2,500	3,200
155						4,000	2,600	2,700	3,300	2,000	2,700
160									2,800	1,500	2,200
165									2,400		1,700
170									2,000		1,300
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	27.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	163.8	173.1
Capacity	6,400	4,400	4,900	4,800	3,500	4,000	2,500	2,500	1,900	0	0

1100010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



41,600 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	72,700	50,900	71,500	51,000	49,200	44,600	71,900	52,300
40	56,800	49,800	59,600	49,900	58,700	50,000	57,600	50,000	44,800	40,900	60,600	51,100
45			49,500	49,500	48,600	48,600	47,600	47,600	40,800	37,800	50,400	50,200
50			41,800	41,800	40,800	40,800	39,800	39,800	37,500	35,100	42,700	42,700
55			35,600	35,600	34,700	34,700	33,700	33,700	34,200	32,800	36,400	36,400
60									31,500	30,500	31,600	31,600
65									28,300	28,300	27,600	27,600
70									25,000	25,000	24,300	24,300
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	31,900	31,900	30,700	30,700	29,300	29,300	23,100	23,100	22,200	22,200

1103010

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	73,000	52,500	71,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	58,900	51,300	57,000	51,400	43,500	40,700	42,400	39,800	60,500	52,200	58,200	52,400
45	48,800	48,800	47,100	47,100	39,700	37,400	38,700	36,600	50,300	50,300	48,100	48,100
50	41,100	41,100	39,200	39,200	36,400	34,500	35,400	33,800	42,600	42,600	40,400	40,400
55	34,900	34,900	33,100	33,100	33,600	32,100	32,700	31,300	36,300	36,300	34,200	34,200
60	30,100	30,100	28,300	28,300	31,100	30,000	30,300	29,400	31,500	31,500	29,400	29,400
65	26,100	26,100	24,400	24,400	28,700	28,300	28,100	27,500	27,400	27,400	25,500	25,500
70	22,800	22,800	21,200	21,200	25,400	25,400	24,800	24,800	24,100	24,100	22,200	22,200
75			18,500	18,500	22,600	22,600	22,000	22,000	21,300	21,300	19,400	19,400
80					20,200	20,200	19,600	19,600	19,000	19,000	17,100	17,100
85					18,100	18,100	17,600	17,600	17,000	17,000	15,100	15,100
90											13,400	13,400
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	20,300	20,300	18,300	18,300	17,000	17,000	16,300	16,300	15,500	15,500	13,300	13,300

1103020

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



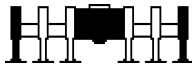
41,600 lbs



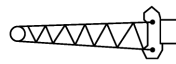
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	69,300	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	55,500	52,700	37,000	35,200	48,000	44,000	58,400	52,800	56,700	53,300	52,600	52,400
45	45,700	45,700	33,700	32,200	44,200	40,800	49,500	49,500	46,800	46,800	44,600	44,600
50	37,800	37,800	30,900	30,000	40,800	37,900	41,800	41,800	39,000	39,000	36,700	36,700
55	31,700	31,700	28,700	27,800	37,400	35,400	35,600	35,600	32,800	32,800	30,800	30,800
60	27,000	27,000	26,600	25,800	32,400	32,400	30,700	30,700	28,100	28,100	26,000	26,000
65	23,100	23,100	24,700	24,100	28,500	28,500	26,700	26,700	24,200	24,200	22,100	22,100
70	19,900	19,900	23,100	22,500	25,100	25,100	23,400	23,400	20,900	20,900	18,900	18,900
75	17,100	17,100	21,600	21,100	22,300	22,300	20,600	20,600	18,200	18,200	16,200	16,200
80	14,900	14,900	20,200	19,900	19,900	19,900	18,200	18,200	15,800	15,800	14,000	14,000
85	12,900	12,900	18,400	18,400	17,800	17,800	16,200	16,200	13,900	13,900	12,000	12,000
90	11,200	11,200	16,600	16,600	16,000	16,000	14,500	14,500	12,200	12,200	10,300	10,300
95			15,100	15,100	14,500	14,500	13,000	13,000	10,600	10,600	8,800	8,800
100			13,700	13,700	13,200	13,200	11,600	11,600	9,300	9,300	7,400	7,400
105							10,400	10,400	8,100	8,100	6,300	6,300
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	10,700	10,700	12,900	12,900	12,300	12,300	10,400	10,400	7,700	7,700	5,600	5,600

1103010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



41,600 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	58,100	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	48,000	48,000	45,000	45,000	31,100	30,300
50	31,900	30,900	42,900	40,700	30,600	29,900	40,300	40,300	37,900	37,900	28,700	28,100
55	29,600	28,800	36,600	36,600	28,300	27,700	34,100	34,100	31,800	31,800	26,500	25,900
60	27,500	26,800	31,600	31,600	26,200	25,600	29,400	29,400	27,100	27,100	24,500	24,000
65	25,500	25,000	27,700	27,700	24,300	23,800	25,400	25,400	23,200	23,200	22,700	22,400
70	23,800	23,400	24,300	24,300	22,600	22,200	22,100	22,100	19,900	19,900	21,100	20,800
75	22,200	21,900	21,500	21,500	21,100	20,800	19,300	19,300	17,200	17,200	19,700	19,500
80	20,200	20,200	19,100	19,100	19,300	19,300	17,000	17,000	15,000	15,000	18,400	18,200
85	18,100	18,100	17,100	17,100	17,200	17,200	15,100	15,100	13,000	13,000	17,200	17,100
90	16,300	16,300	15,400	15,400	15,500	15,500	13,300	13,300	11,300	11,300	16,100	16,100
95	14,800	14,800	13,800	13,800	14,000	14,000	11,700	11,700	9,700	9,700	14,600	14,600
100	13,400	13,400	12,400	12,400	12,600	12,600	10,400	10,400	8,400	8,400	13,200	13,200
105	12,200	12,200	11,200	11,200	11,300	11,300	9,100	9,100	7,200	7,200	12,000	12,000
110	11,000	11,000	10,100	10,100	10,200	10,200	8,000	8,000	6,100	6,100	10,800	10,800
115	10,100	10,100	9,100	9,100	9,200	9,200	7,100	7,100	5,100	5,100	9,800	9,800
120							6,200	6,200	4,200	4,200	8,900	8,900
125											8,100	8,100
130											7,300	7,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	9,400	9,400	8,300	8,300	8,400	8,400	6,000	6,000	3,800	3,800	6,800	6,800

1103010

Rated Lifting Capacities in Pounds



Full



10 ft Hydraulic Offset Fly



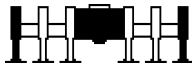
41,600 lbs



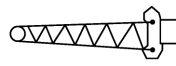
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	41,400	41,400	39,200	39,200	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	35,100	35,100	33,000	33,000	34,900	33,100	24,700	24,500	34,000	34,000
60	30,100	29,100	30,400	30,400	28,300	28,300	30,800	30,800	22,800	22,600	29,300	29,300
65	28,000	27,300	26,300	26,300	24,400	24,400	26,800	26,800	21,000	20,900	25,300	25,300
70	24,700	24,700	23,000	23,000	21,100	21,100	23,500	23,500	19,500	19,400	22,000	22,000
75	21,900	21,900	20,200	20,200	18,300	18,300	20,700	20,700	18,000	18,000	19,300	19,300
80	19,500	19,500	17,900	17,900	16,000	16,000	18,300	18,300	16,800	16,800	16,900	16,900
85	17,400	17,400	15,800	15,800	14,100	14,100	16,200	16,200	15,600	15,600	15,000	15,000
90	15,700	15,700	14,200	14,200	12,400	12,400	14,600	14,600	14,500	14,500	13,300	13,300
95	14,100	14,100	12,600	12,600	10,800	10,800	13,000	13,000	12,900	12,900	11,700	11,700
100	12,700	12,700	11,200	11,200	9,400	9,400	11,600	11,600	11,500	11,500	10,300	10,300
105	11,500	11,500	10,000	10,000	8,200	8,200	10,400	10,400	10,300	10,300	9,100	9,100
110	10,400	10,400	8,900	8,900	7,100	7,100	9,300	9,300	9,200	9,200	8,000	8,000
115	9,400	9,400	7,900	7,900	6,100	6,100	8,300	8,300	8,200	8,200	7,000	7,000
120	8,400	8,400	7,000	7,000	5,200	5,200	7,300	7,300	7,300	7,300	6,100	6,100
125	7,600	7,600	6,200	6,200	4,400	4,400	6,500	6,500	6,400	6,400	5,300	5,300
130	6,900	6,900	5,400	5,400	3,700	3,700	5,800	5,800	5,700	5,700	4,500	4,500
135			4,700	4,700	3,000	3,000	5,100	5,100	5,000	5,000	3,800	3,800
140							4,400	4,400	4,300	4,300	3,200	3,200
145							3,900	3,900	3,800	3,800	2,600	2,600
150							3,300	3,300	3,300	3,200	2,100	2,100
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad. Capacity	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
	6,300	6,300	4,600	4,600	2,700	2,700	3,200	3,200	3,100	3,100	1,900	1,900

1103020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



41,600 lbs



360°

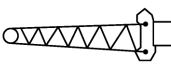
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	25,800	25,800	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	22,500	22,500	20,400	20,200	21,600	21,600	19,600	19,600
75	17,400	17,400	19,700	19,500	19,700	19,700	19,000	18,800	18,800	18,800	19,500	19,500
80	16,200	16,200	17,300	17,300	17,400	17,400	17,700	17,600	16,500	16,500	17,100	17,100
85	15,100	15,100	15,500	15,500	15,500	15,500	15,900	15,900	14,600	14,600	15,300	15,300
90	14,300	14,300	13,700	13,700	13,700	13,700	14,300	14,300	12,900	12,900	13,500	13,500
95	13,300	13,300	12,100	12,100	12,100	12,100	12,700	12,700	11,300	11,300	11,900	11,900
100	12,200	12,200	10,700	10,700	10,800	10,800	11,300	11,300	9,900	9,900	10,600	10,600
105	10,900	10,900	9,500	9,500	9,500	9,500	10,100	10,100	8,700	8,700	9,300	9,300
110	9,800	9,800	8,400	8,400	8,400	8,400	9,000	9,000	7,600	7,600	8,200	8,200
115	8,800	8,800	7,400	7,400	7,400	7,400	8,000	8,000	6,600	6,600	7,200	7,200
120	7,900	7,900	6,500	6,500	6,500	6,500	7,100	7,100	5,700	5,700	6,300	6,300
125	7,000	7,000	5,600	5,600	5,700	5,700	6,200	6,200	4,900	4,900	5,500	5,500
130	6,300	6,300	4,900	4,900	4,900	4,900	5,500	5,500	4,100	4,100	4,700	4,700
135	5,600	5,600	4,200	4,200	4,200	4,200	4,800	4,800	3,400	3,400	4,000	4,000
140	4,900	4,900	3,600	3,600	3,600	3,600	4,100	4,100	2,800	2,800	3,400	3,400
145	4,300	4,300	3,000	3,000	3,000	3,000	3,500	3,500	2,200	2,200	2,800	2,800
150	3,800	3,800	2,400	2,400	2,500	2,500	3,000	3,000	1,700	1,700	2,200	2,200
155	3,300	3,300	1,900	1,900	2,000	2,000	2,500	2,500			1,700	1,700
160	2,800	2,800	1,500	1,500	1,500	1,500	2,000	2,000			1,300	1,300
165	2,400	2,400					1,600	1,600				
170							1,200	1,200				
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	11.0	10.5	12.5	12.5	22.0	22.0	35.5	35.5	38.5	38.5
Max Rad.	166.1	166.1	164.7	164.7	165.0	165.0	171.6	171.6	154.7	154.7	162.1	162.1
Capacity	2,300	2,300	0	0	0	0	0	0	0	0	0	0

1103010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



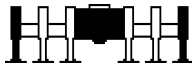
41,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,000	16,000			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,200	13,200	13,200	13,100
110									12,100	12,100	12,400	12,500
115									11,000	11,100	11,300	11,300
120									10,100	10,200	10,300	
125									9,300	9,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	15,900	15,800	16,000	16,300	9,200	9,200	9,300	9,500

1102010

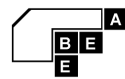
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



41,600 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,300	11,400	11,700	11,700	10,000	10,000	10,200	10,300
115	10,200	10,300	10,700	11,000	9,000	9,200	9,500	9,600
120	9,300	9,400	9,700	10,000	8,100	8,200	8,700	9,000
125	8,500	8,500	8,800	9,100	7,300	7,400	7,800	8,200
130	7,700	7,800	8,000	8,200	6,500	6,600	7,000	7,300
135	7,000	7,000	7,300	7,400	5,800	5,900	6,200	6,500
140	6,300	6,400	6,600	6,600	5,100	5,200	5,500	5,800
145	5,700	5,800	5,900		4,500	4,600	4,900	5,100
150	5,200	5,200	5,300		4,000	4,000	4,300	4,500
155	4,700	4,700			3,400	3,500	3,700	3,900
160					3,000	3,000	3,200	3,400
165					2,500	2,600	2,700	2,900
170					2,100	2,100	2,300	2,300
175					1,700	1,800	1,900	
180					1,400	1,400	1,500	
Min Angle	0.0	0.0	0.0	0.0	14.5	15.5	14.5	19.5
Max Rad.	156.9	156.9	156.6	154.6	185.0	185.0	185.0	180.0
Capacity	4,600	4,600	4,600	4,700	0	0	0	0

1102010



Full



32.5 ft Hydraulic Offset Fly



41,600 lbs



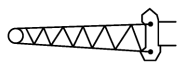
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,000	13,200	13,500	13,600	12,200	12,400	13,100	14,000
100	11,600	11,800	12,400	12,700	10,800	11,000	11,700	12,500
105	10,400	10,500	11,100	11,800	9,500	9,700	10,400	11,100
110	9,200	9,400	9,900	10,500	8,400	8,600	9,200	9,900
115	8,200	8,300	8,900	9,400	7,400	7,600	8,100	8,700
120	7,300	7,400	7,900	8,400	6,500	6,600	7,200	7,700
125	6,400	6,600	7,000	7,500	5,600	5,800	6,300	6,800
130	5,700	5,800	6,200	6,600	4,900	5,000	5,500	6,000
135	5,000	5,100	5,500	5,800	4,200	4,300	4,700	5,200
140	4,300	4,400	4,800	5,100	3,500	3,600	4,000	4,500
145	3,700	3,800	4,100	4,500	2,900	3,000	3,400	3,800
150	3,100	3,200	3,500	3,800	2,400	2,500	2,800	3,200
155	2,600	2,700	3,000	3,300	1,800	1,900	2,300	2,600
160	2,200	2,200	2,500	2,700	1,400	1,500	1,800	2,100
165	1,700	1,800	2,000	2,200			1,300	1,600
170	1,300	1,300	1,600	1,700				
175			1,100	1,300				
Min Angle	35.0	35.0	35.5	35.5	46.0	46.0	46.5	46.5
Max Rad.	173.4	174.3	176.3	177.8	163.2	164.3	166.8	170.0
Capacity	0	0	0	0	0	0	0	0

1102010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



41,600 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,000	17,100	16,700	16,300
95									15,500	15,600	15,800	16,100
100									14,100	14,200	14,400	14,600
105									12,800	12,900	13,100	
110									11,700	11,800		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	11,500	11,500	11,600	11,900

1102020



Full



32.5 ft Hydraulic Offset Fly



41,600 lbs



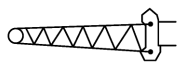
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,700	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	13,300	13,400	13,900	13,900	11,900	11,900	12,000	12,100
105	12,000	12,200	12,600	13,000	10,800	10,900	11,200	11,300
110	10,900	11,000	11,400	11,700	9,700	9,800	10,300	10,600
115	9,900	10,000	10,300	10,600	8,600	8,800	9,200	9,700
120	8,900	9,000	9,300	9,500	7,700	7,800	8,200	8,700
125	8,100	8,200	8,400	8,600	6,900	7,000	7,400	7,700
130	7,300	7,400	7,600	7,600	6,100	6,200	6,500	6,900
135	6,600	6,700	6,800		5,400	5,500	5,800	6,100
140	6,000	6,000	6,000		4,700	4,800	5,100	5,300
145					4,100	4,200	4,500	4,700
150					3,600	3,700	3,900	4,000
155					3,100	3,100	3,300	3,400
160					2,600	2,600	2,800	
165					2,200	2,200	2,300	
170					1,800	1,800	1,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	5,800	5,800	5,800	6,000	1,500	1,500	1,500	1,600

1102020

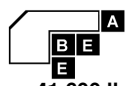
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



41,600 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,800	15,800	15,800	15,800	15,100	15,400	16,000	16,500
90	14,200	14,400	14,800	14,800	13,300	13,500	14,400	15,300
95	12,600	12,800	13,500	13,900	11,700	11,900	12,700	13,600
100	11,200	11,400	12,000	12,700	10,300	10,500	11,200	12,000
105	9,900	10,100	10,700	11,300	9,100	9,300	9,900	10,600
110	8,800	9,000	9,500	10,100	8,000	8,100	8,700	9,400
115	7,800	7,900	8,500	9,000	7,000	7,100	7,700	8,300
120	6,900	7,000	7,500	8,000	6,000	6,200	6,700	7,300
125	6,000	6,200	6,600	7,000	5,200	5,300	5,800	6,300
130	5,300	5,400	5,800	6,200	4,400	4,600	5,000	5,500
135	4,600	4,700	5,000	5,400	3,700	3,900	4,300	4,700
140	3,900	4,000	4,400	4,700	3,100	3,200	3,600	4,000
145	3,300	3,400	3,700	4,000	2,500	2,600	3,000	3,300
150	2,800	2,800	3,100	3,400	1,900	2,000	2,400	2,700
155	2,300	2,300	2,600	2,800	1,400	1,500	1,800	2,100
160	1,800	1,800	2,100	2,200			1,300	1,600
165	1,300	1,400	1,600	1,700				
170			1,100	1,200				
Min Angle	30.0	30.0	30.0	29.5	43.0	43.0	43.5	43.5
Max Rad.	168.1	168.9	171.2	171.4	158.4	159.5	161.9	164.8
Capacity	0	0	0	0	0	0	0	0

1102020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



41,600 lbs



360°



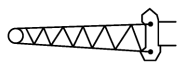
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,400	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,100	7,100	7,200	7,500

1102030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



41,600 lbs



360°



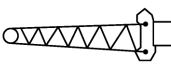
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,200	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,500	8,500	7,900	7,500	7,200	7,400	7,800	7,600
135	7,700	7,900	7,800	7,400	6,500	6,600	7,200	7,500
140	7,100	7,200	7,600	7,400	5,800	6,000	6,500	7,100
145	6,500	6,600	6,900	7,300	5,200	5,300	5,900	6,400
150	5,900	6,000	6,300	6,600	4,600	4,800	5,200	5,700
155	5,400	5,400	5,700	6,000	4,100	4,200	4,700	5,100
160	4,900	4,900	5,200	5,300	3,600	3,700	4,100	4,600
165	4,400	4,500	4,700	4,600	3,100	3,300	3,600	4,000
170	4,000	4,100	4,200		2,700	2,800	3,200	3,500
175	3,600	3,700	3,600		2,300	2,400	2,700	3,000
180					2,000	2,000	2,300	2,600
185					1,600	1,700	1,900	2,100
190					1,300	1,300	1,600	1,600
195							1,200	1,100
Min Angle	0.0	0.0	0.0	0.0	26.0	27.0	27.0	26.0
Max Rad.	179.4	179.4	178.7	175.4	195.0	195.0	198.3	196.0
Capacity	3,400	3,400	3,400	3,600	0	0	0	0

1102030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



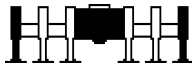
41,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,000	9,700	8,600	7,900	9,100	9,200	8,700	8,000
115	8,900	9,200	8,500	7,900	8,100	8,300	8,600	7,900
120	8,000	8,200	8,400	7,800	7,200	7,400	8,300	7,900
125	7,100	7,300	8,100	7,700	6,300	6,500	7,400	7,800
130	6,400	6,500	7,300	7,700	5,500	5,800	6,600	7,400
135	5,600	5,800	6,500	7,200	4,800	5,000	5,800	6,600
140	5,000	5,100	5,800	6,500	4,200	4,400	5,100	5,900
145	4,400	4,500	5,100	5,800	3,600	3,700	4,400	5,100
150	3,800	4,000	4,500	5,100	3,000	3,200	3,800	4,500
155	3,300	3,400	4,000	4,500	2,500	2,600	3,200	3,900
160	2,800	2,900	3,400	3,900	2,000	2,100	2,700	3,300
165	2,300	2,500	2,900	3,400	1,500	1,700	2,200	2,800
170	1,900	2,000	2,500	2,900	1,100	1,300	1,800	2,300
175	1,500	1,600	2,000	2,400			1,300	1,800
180	1,100	1,200	1,600	1,900				1,300
185			1,200	1,500				
190				1,100				
Min Angle	40.5	40.0	40.5	41.0	49.0	49.5	50.0	50.0
Max Rad.	181.7	183.3	188.3	191.3	170.9	172.8	178.2	183.8
Capacity	0	0	0	0	0	0	0	0

1102030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



41,600 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1102040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



41,600 lbs



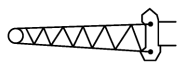
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,600	8,800	8,200	7,700
125	9,000	8,300	7,800	7,500	7,700	7,900	8,100	7,600
130	8,300	8,200	7,700	7,400	6,900	7,100	7,700	7,500
135	7,500	7,700	7,600	7,400	6,200	6,400	7,000	7,500
140	6,900	7,000	7,300	7,400	5,500	5,700	6,200	6,800
145	6,300	6,400	6,700	6,900	4,900	5,100	5,600	6,100
150	5,700	5,800	6,000	6,100	4,400	4,500	5,000	5,400
155	5,200	5,300	5,400		3,900	4,000	4,400	4,800
160	4,700	4,800	4,800		3,400	3,500	3,900	4,200
165					2,900	3,000	3,400	3,600
170					2,500	2,600	2,900	3,100
175					2,100	2,200	2,400	2,600
180					1,700	1,800	2,000	2,000
185					1,400	1,400	1,600	
190					1,100	1,100		
Min Angle	0.0	0.0	0.0	0.0	15.5	16.5	20.0	7.0
Max Rad.	164.8	164.9	164.1	161.0	191.7	191.7	190.0	182.9
Capacity	4,400	4,400	4,400	4,600	0	0	0	0

1102040

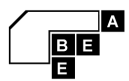
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



41,600 lbs



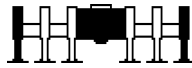
360°



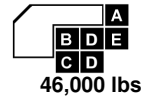
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,200	10,200	8,900	8,100
105	10,800	9,900	8,700	7,900	9,900	10,000	8,800	8,000
110	9,700	9,700	8,600	7,900	8,800	9,100	8,700	7,900
115	8,600	8,900	8,400	7,800	7,800	8,000	8,600	7,900
120	7,700	7,900	8,300	7,800	6,800	7,100	8,000	7,800
125	6,900	7,100	7,800	7,700	6,000	6,200	7,100	7,800
130	6,100	6,300	7,000	7,600	5,200	5,400	6,200	7,100
135	5,400	5,600	6,200	6,900	4,500	4,700	5,500	6,300
140	4,700	4,900	5,500	6,200	3,900	4,000	4,800	5,500
145	4,100	4,300	4,900	5,500	3,300	3,400	4,100	4,800
150	3,500	3,700	4,200	4,800	2,700	2,900	3,500	4,100
155	3,000	3,200	3,700	4,200	2,200	2,300	2,900	3,500
160	2,500	2,700	3,100	3,600	1,700	1,800	2,400	2,900
165	2,100	2,200	2,600	3,000	1,200	1,400	1,900	2,400
170	1,700	1,800	2,200	2,500			1,400	1,900
175	1,300	1,400	1,700	2,000				1,400
180			1,300	1,600				
185				1,100				
Min Angle	35.0	35.5	36.0	36.0	47.0	47.0	47.0	47.0
Max Rad.	178.8	180.0	183.8	186.0	166.3	168.2	174.7	180.0
Capacity	0	0	0	0	0	0	0	0

1102040

Rated Lifting
Capacities in
Pounds



Full



46,000 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	205,500	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	176,000	135,200	178,800	177,900	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	140,900	118,800	143,900	143,200	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	112,900	106,000	116,700	115,700	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	90,100	95,600	94,500	93,300	62,300	87,200	94,700	93,900	57,700	55,800	80,800	82,500
35		75,800	74,700	73,400	56,400	78,100	76,200	74,000	52,100	50,500	73,000	74,400
40		60,900	59,900	58,700	51,500	63,300	61,500	59,400	47,600	46,000	63,600	61,300
45		50,200	49,200	48,100	46,800	52,500	50,800	48,800	43,600	42,200	53,100	50,800
50					42,600	44,500	42,800	40,900	40,300	39,000	45,100	42,900
55					38,900	38,100	36,400	34,500	37,400	36,200	38,800	36,500
60					33,600	32,800	31,200	29,400	34,800	33,500	33,500	31,300
65								25,100	30,600	30,000	29,200	27,100
70									27,000	26,400	25,700	23,600
75									24,000	23,400	22,700	20,600
80												18,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	30,700	29,600	27,200	24,700	22,300	21,500	20,600	17,900

1110010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	72,800	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	58,400	39,700	52,500	61,100	60,100	53,900	40,200	55,900	38,600	61,800	51,000	35,900	43,400
45	48,000	36,400	48,500	52,500	49,600	47,400	36,900	51,400	35,400	51,200	46,300	32,900	40,100
50	40,200	33,600	45,100	44,700	41,800	39,500	34,100	45,900	32,600	43,400	40,900	30,400	37,200
55	33,800	31,200	40,200	38,300	35,400	33,100	31,600	39,500	30,200	37,000	34,500	28,200	34,700
60	28,700	29,000	35,000	33,100	30,400	28,200	29,500	34,300	28,000	31,800	29,600	26,200	32,400
65	24,600	27,100	30,800	29,000	26,200	24,100	27,500	30,200	26,100	27,800	25,500	24,400	30,400
70	21,100	25,500	27,200	25,400	22,800	20,700	25,800	26,700	24,500	24,300	22,100	22,800	27,200
75	18,200	24,000	24,200	22,400	19,800	17,800	24,300	23,700	22,900	21,400	19,200	21,400	24,300
80	15,700	22,200	21,600	19,900	17,300	15,400	22,300	21,200	21,300	18,900	16,700	20,100	21,700
85		20,000	19,400	17,700	15,200	13,200	20,000	19,000	19,100	16,700	14,700	19,000	19,600
90		18,100	17,500	15,800	13,300	11,300	18,100	17,000	17,200	14,900	12,800	17,900	17,600
95				14,200	11,700	9,700	16,400	15,400	15,600	13,200	11,100	16,400	15,900
100							15,000	13,900	14,100	11,800	9,600	15,000	14,500
105							13,600	12,600	12,700	10,400	8,300	13,700	13,200
110										9,200	7,200	12,500	12,000
115												11,400	10,900
120												10,400	9,900
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	14,900	17,000	16,300	14,100	11,100	8,700	12,700	11,500	11,600	8,900	6,500	9,700	9,100

1110010

Rated Lifting
Capacities in
Pounds



Full



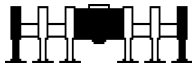
46,000 lbs



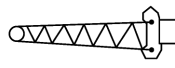
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	52,400	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	44,600	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	38,200	36,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	33,000	31,000	33,600	24,300	32,000	23,400	26,000	32,700	25,100	27,500	22,500
65	29,000	26,900	29,500	22,500	28,000	21,800	24,300	28,600	23,400	25,800	22,500
70	25,500	23,500	26,100	21,000	24,600	20,300	22,700	25,200	21,900	24,300	22,500
75	22,600	20,600	23,100	19,500	21,700	18,900	21,300	22,200	20,500	21,400	22,000
80	20,100	18,100	20,600	18,300	19,200	17,700	19,700	19,700	19,300	18,900	19,600
85	17,900	16,000	18,400	17,100	17,000	16,600	17,500	17,600	18,100	16,800	17,500
90	16,000	14,200	16,600	16,000	15,300	15,600	15,700	15,700	16,400	15,100	15,600
95	14,400	12,500	15,100	15,000	13,700	14,700	14,200	14,200	14,900	13,400	14,200
100	12,900	11,100	13,600	13,500	12,200	13,800	12,700	12,800	13,500	12,000	12,700
105	11,600	9,700	12,200	12,100	10,900	12,900	11,400	11,500	12,100	10,700	11,400
110	10,400	8,600	11,000	10,900	9,700	11,700	10,200	10,300	11,000	9,500	10,200
115	9,300	7,500	9,900	9,800	8,600	10,600	9,100	9,200	9,900	8,500	9,200
120	8,300	6,500	8,900	8,800	7,600	9,600	8,200	8,200	8,900	7,500	8,200
125	7,500	5,600	8,100	8,000	6,700	8,700	7,300	7,300	8,000	6,600	7,400
130			7,200	7,100	5,900	7,900	6,500	6,500	7,200	5,800	6,500
135			6,500	6,400	5,200	7,200	5,700	5,800	6,400	5,100	5,800
140			5,800	5,700	4,500	6,500	5,000	5,100	5,800	4,400	5,100
145						5,800	4,400	4,400	5,100	3,700	4,500
150						5,200	3,800	3,900	4,500	3,200	3,900
155						4,700	3,300	3,300	4,000	2,600	3,300
160									3,500	2,100	2,800
165									3,000	1,600	2,300
170									2,600		1,900
175											1,500
180											1,100
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	20.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	170.0	181.1
Capacity	7,200	5,200	5,600	5,500	4,200	4,600	3,200	3,100	2,500	0	0

1110010

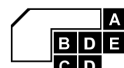
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



46,000 lbs



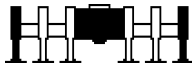
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	59,600	49,800	61,100	49,900	61,500	50,000	60,400	50,000	44,800	40,900	63,400	51,100
45			51,900	49,600	51,000	49,600	49,900	49,600	40,800	37,800	52,800	50,200
50			44,000	44,000	43,200	43,200	42,200	42,200	37,500	35,100	44,900	44,900
55			37,800	37,800	36,900	36,900	35,800	35,800	34,200	32,800	38,600	38,600
60									31,500	30,500	33,400	33,400
65									29,300	28,700	29,300	29,300
70									26,600	26,600	25,900	25,900
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	33,900	33,900	32,600	32,600	31,300	31,300	24,700	24,700	23,700	23,700

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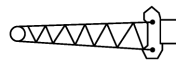
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	74,300	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	61,700	51,300	59,800	51,400	43,500	40,700	42,400	39,800	62,400	52,200	61,000	52,400
45	51,200	50,300	49,400	49,400	39,700	37,400	38,700	36,600	52,700	51,100	50,500	50,500
50	43,400	43,400	41,700	41,700	36,400	34,500	35,400	33,800	44,800	44,800	42,800	42,800
55	37,100	37,100	35,300	35,300	33,600	32,100	32,700	31,300	38,500	38,500	36,400	36,400
60	31,900	31,900	30,300	30,300	31,100	30,000	30,300	29,400	33,300	33,300	31,400	31,400
65	27,800	27,800	26,200	26,200	29,200	28,300	28,100	27,500	29,200	29,200	27,200	27,200
70	24,400	24,400	22,800	22,800	27,000	26,600	26,000	25,600	25,700	25,700	23,800	23,800
75			20,000	20,000	24,000	24,000	23,500	23,500	22,800	22,800	20,900	20,900
80					21,500	21,500	21,000	21,000	20,400	20,400	18,500	18,500
85					19,400	19,400	18,900	18,900	18,200	18,200	16,400	16,400
90											14,600	14,600
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	21,800	21,800	19,800	19,800	18,200	18,200	17,500	17,500	16,700	16,700	14,500	14,500

1113020

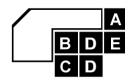
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



46,000 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	72,700	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	58,300	52,700	37,000	35,200	48,000	44,000	58,400	52,800	59,600	53,300	52,600	52,400
45	48,000	48,000	33,700	32,200	44,200	40,800	51,900	51,500	49,100	49,100	47,000	47,000
50	40,300	40,300	30,900	30,000	40,800	37,900	44,100	44,100	41,400	41,400	39,200	39,200
55	33,900	33,900	28,700	27,800	37,800	35,400	37,700	37,700	35,000	35,000	32,900	32,900
60	28,900	28,900	26,600	25,800	34,400	33,200	32,600	32,600	30,000	30,000	28,000	28,000
65	24,800	24,800	24,700	24,100	30,200	30,200	28,500	28,500	25,900	25,900	23,900	23,900
70	21,500	21,500	23,100	22,500	26,700	26,700	25,000	25,000	22,500	22,500	20,500	20,500
75	18,600	18,600	21,600	21,100	23,800	23,800	22,100	22,100	19,600	19,600	17,700	17,700
80	16,200	16,200	20,200	19,900	21,300	21,300	19,600	19,600	17,200	17,200	15,400	15,400
85	14,200	14,200	19,000	18,800	19,100	19,100	17,500	17,500	15,200	15,200	13,300	13,300
90	12,400	12,400	17,800	17,800	17,200	17,200	15,700	15,700	13,400	13,400	11,500	11,500
95			16,100	16,100	15,700	15,700	14,100	14,100	11,800	11,800	9,900	9,900
100			14,800	14,800	14,200	14,200	12,600	12,600	10,300	10,300	8,500	8,500
105							11,400	11,400	9,100	9,100	7,300	7,300
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	11,800	11,800	13,900	13,900	13,300	13,300	11,400	11,400	8,700	8,700	6,600	6,600

1113010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



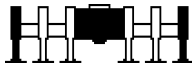
46,000 lbs



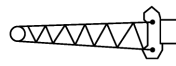
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	50,400	50,400	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	42,700	42,700	40,300	40,300	28,700	28,100
55	29,600	28,800	38,700	38,200	28,300	27,700	36,300	36,300	34,000	34,000	26,500	25,900
60	27,500	26,800	33,500	33,500	26,200	25,600	31,300	31,300	29,000	29,000	24,500	24,000
65	25,500	25,000	29,400	29,400	24,300	23,800	27,200	27,200	24,900	24,900	22,700	22,400
70	23,800	23,400	26,000	26,000	22,600	22,200	23,700	23,700	21,500	21,500	21,100	20,800
75	22,200	21,900	23,000	23,000	21,100	20,800	20,800	20,800	18,700	18,700	19,700	19,500
80	20,900	20,600	20,500	20,500	19,700	19,500	18,400	18,400	16,300	16,300	18,400	18,200
85	19,400	19,400	18,400	18,400	18,500	18,300	16,200	16,200	14,300	14,300	17,200	17,100
90	17,500	17,500	16,500	16,500	16,600	16,600	14,500	14,500	12,500	12,500	16,200	16,100
95	15,800	15,800	14,900	14,900	15,100	15,100	12,900	12,900	10,900	10,900	15,200	15,100
100	14,500	14,500	13,500	13,500	13,600	13,600	11,400	11,400	9,400	9,400	14,300	14,300
105	13,200	13,200	12,200	12,200	12,300	12,300	10,100	10,100	8,200	8,200	13,000	13,000
110	12,000	12,000	11,000	11,000	11,200	11,200	9,000	9,000	7,000	7,000	11,800	11,800
115	11,000	11,000	10,000	10,000	10,100	10,100	8,000	8,000	6,000	6,000	10,700	10,700
120							7,100	7,100	5,100	5,100	9,800	9,800
125											8,900	8,900
130											8,100	8,100
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	10,300	10,300	9,200	9,200	9,300	9,300	6,800	6,800	4,600	4,600	7,600	7,600

1113010

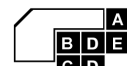
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



46,000 lbs



360°

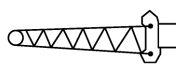
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	43,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	37,300	37,300	35,200	35,200	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	32,100	32,100	30,300	30,300	32,600	31,000	22,800	22,600	31,300	31,300
65	28,200	27,300	28,100	28,100	26,100	26,100	28,600	28,600	21,000	20,900	27,100	27,100
70	26,300	25,600	24,600	24,600	22,700	22,700	25,100	25,100	19,500	19,400	23,700	23,700
75	23,400	23,400	21,700	21,700	19,800	19,800	22,200	22,200	18,000	18,000	20,800	20,800
80	20,800	20,800	19,200	19,200	17,400	17,400	19,700	19,700	16,800	16,800	18,300	18,300
85	18,700	18,700	17,100	17,100	15,400	15,400	17,500	17,500	15,600	15,600	16,200	16,200
90	16,800	16,800	15,400	15,400	13,600	13,600	15,600	15,600	14,700	14,700	14,500	14,500
95	15,300	15,300	13,700	13,700	11,900	11,900	14,200	14,200	13,700	13,700	12,800	12,800
100	13,800	13,800	12,300	12,300	10,500	10,500	12,700	12,700	12,600	12,600	11,400	11,400
105	12,500	12,500	11,000	11,000	9,200	9,200	11,400	11,400	11,300	11,300	10,100	10,100
110	11,300	11,300	9,800	9,800	8,100	8,100	10,200	10,200	10,100	10,100	8,900	8,900
115	10,300	10,300	8,800	8,800	7,000	7,000	9,200	9,200	9,100	9,100	7,900	7,900
120	9,300	9,300	7,800	7,800	6,100	6,100	8,200	8,200	8,100	8,100	6,900	6,900
125	8,500	8,500	7,000	7,000	5,300	5,300	7,300	7,300	7,300	7,300	6,100	6,100
130	7,700	7,700	6,200	6,200	4,500	4,500	6,600	6,600	6,500	6,500	5,300	5,300
135			5,500	5,500	3,800	3,800	5,800	5,800	5,700	5,700	4,600	4,600
140							5,200	5,200	5,100	5,100	3,900	3,900
145							4,600	4,600	4,500	4,500	3,300	3,300
150							4,000	4,000	3,900	3,900	2,800	2,800
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	7,000	7,000	5,400	5,400	3,500	3,500	3,900	3,900	3,800	3,800	2,600	2,600

1113020

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



46,000 lbs



360°

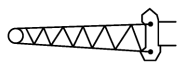
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	27,600	27,600	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	24,100	24,100	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	21,200	21,200	19,000	18,800	20,300	20,300	19,600	19,600
80	16,200	16,200	18,400	18,200	18,700	18,700	17,700	17,600	17,800	17,800	18,500	18,500
85	15,100	15,100	16,600	16,600	16,600	16,600	16,600	16,500	15,700	15,700	16,300	16,300
90	14,300	14,300	14,900	14,900	14,900	14,900	15,500	15,500	14,100	14,100	14,700	14,700
95	13,300	13,300	13,200	13,200	13,300	13,300	13,900	13,900	12,400	12,400	13,100	13,100
100	12,400	12,400	11,800	11,800	11,800	11,800	12,400	12,400	11,000	11,000	11,600	11,600
105	11,600	11,600	10,500	10,500	10,500	10,500	11,100	11,100	9,700	9,700	10,300	10,300
110	10,700	10,700	9,300	9,300	9,400	9,400	9,900	9,900	8,500	8,500	9,200	9,200
115	9,700	9,700	8,300	8,300	8,300	8,300	8,900	8,900	7,500	7,500	8,100	8,100
120	8,700	8,700	7,300	7,300	7,400	7,400	7,900	7,900	6,500	6,500	7,200	7,200
125	7,800	7,800	6,500	6,500	6,500	6,500	7,000	7,000	5,700	5,700	6,300	6,300
130	7,000	7,000	5,700	5,700	5,700	5,700	6,300	6,300	4,900	4,900	5,500	5,500
135	6,300	6,300	5,000	5,000	5,000	5,000	5,500	5,500	4,200	4,200	4,800	4,800
140	5,600	5,600	4,300	4,300	4,300	4,300	4,900	4,900	3,500	3,500	4,100	4,100
145	5,000	5,000	3,700	3,700	3,700	3,700	4,200	4,200	2,900	2,900	3,500	3,500
150	4,500	4,500	3,100	3,100	3,100	3,100	3,700	3,700	2,300	2,300	2,900	2,900
155	3,900	3,900	2,600	2,600	2,600	2,600	3,100	3,100	1,800	1,800	2,400	2,400
160	3,400	3,400	2,100	2,100	2,100	2,100	2,600	2,600	1,300	1,300	1,900	1,900
165	3,000	3,000	1,700	1,700	1,700	1,700	2,200	2,200			1,400	1,400
170							1,800	1,800				
175							1,400	1,400				
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	10.5	10.0	31.0	31.0	35.0	35.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	180.0	179.9	162.3	162.3	168.9	168.9
Capacity	3,000	3,000	1,600	1,600	1,500	1,500	0	0	0	0	0	0

1113010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,000	11,000	11,200	
125									10,100	10,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,000	10,000	10,100	10,300

1112010



Full



32.5 ft Hydraulic Offset Fly



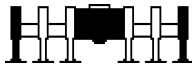
46,000 lbs



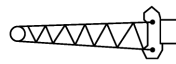
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,200	10,300	10,400	10,400	8,700	8,800	8,900	9,000
125	9,300	9,400	9,700	9,800	8,100	8,200	8,300	8,400
130	8,500	8,600	8,800	9,000	7,300	7,400	7,700	7,900
135	7,700	7,800	8,000	8,200	6,500	6,600	7,000	7,300
140	7,100	7,100	7,300	7,400	5,900	5,900	6,200	6,500
145	6,400	6,500	6,600		5,200	5,300	5,600	5,800
150	5,900	5,900	6,000		4,600	4,700	5,000	5,200
155	5,300	5,400			4,100	4,200	4,400	4,600
160					3,600	3,700	3,900	4,000
165					3,100	3,200	3,400	3,500
170					2,700	2,700	2,900	2,900
175					2,300	2,300	2,400	
180					1,900	1,900	2,000	
185					1,600	1,600	1,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	5,200	5,200	5,200	5,300	1,400	1,400	1,400	1,400

1112010

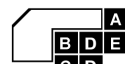
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



46,000 lbs



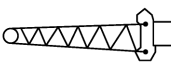
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	11,900	12,000	12,800	13,500
105	11,400	11,500	11,900	12,000	10,500	10,700	11,400	12,100
110	10,200	10,300	10,900	11,300	9,400	9,500	10,100	10,800
115	9,100	9,300	9,800	10,300	8,300	8,500	9,000	9,600
120	8,100	8,300	8,800	9,300	7,300	7,500	8,000	8,600
125	7,300	7,400	7,800	8,300	6,500	6,600	7,100	7,600
130	6,500	6,600	7,000	7,400	5,700	5,800	6,300	6,700
135	5,700	5,800	6,200	6,600	4,900	5,000	5,500	5,900
140	5,000	5,100	5,500	5,900	4,200	4,400	4,800	5,200
145	4,400	4,500	4,800	5,200	3,600	3,700	4,100	4,500
150	3,800	3,900	4,200	4,500	3,000	3,100	3,500	3,900
155	3,300	3,400	3,700	3,900	2,500	2,600	2,900	3,300
160	2,800	2,900	3,100	3,300	2,000	2,100	2,400	2,700
165	2,300	2,400	2,600	2,800	1,500	1,600	1,900	2,200
170	1,900	1,900	2,200	2,300		1,200	1,400	1,700
175	1,500	1,500	1,700	1,900				1,200
180	1,100	1,100	1,300	1,400				
Min Angle	30.5	31.0	31.0	31.0	43.5	43.5	44.0	43.5
Max Rad.	181.3	181.4	183.8	184.0	169.7	170.7	174.3	177.2
Capacity	0	0	0	0	0	0	0	0

1112010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



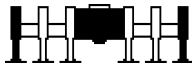
46,000 lbs



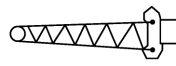
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,200	15,200	15,400	15,400
105									13,800	13,900	14,100	
110									12,700	12,700		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	12,400	12,400	12,500	12,900

1112020

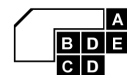
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,000	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	11,900	12,000	12,300	12,400	10,300	10,400	10,500	10,600
115	10,800	10,900	11,200	11,500	9,500	9,700	9,800	9,900
120	9,800	9,900	10,200	10,400	8,600	8,700	9,100	9,300
125	8,900	9,000	9,200	9,400	7,700	7,800	8,200	8,500
130	8,100	8,200	8,400	8,400	6,900	7,000	7,300	7,700
135	7,400	7,400	7,600		6,100	6,200	6,600	6,800
140	6,700	6,800	6,700		5,500	5,500	5,800	6,100
145					4,800	4,900	5,200	5,400
150					4,300	4,300	4,500	4,700
155					3,700	3,800	4,000	4,100
160					3,200	3,300	3,400	
165					2,800	2,800	2,900	
170					2,400	2,400	2,400	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	6,500	6,500	6,500	6,700	2,100	2,100	2,100	2,200

1112020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



46,000 lbs



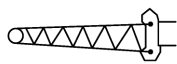
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	14,500	14,700	15,500	15,600
95	13,700	13,900	13,900	13,900	12,900	13,100	13,800	14,700
100	12,300	12,400	13,100	13,100	11,400	11,600	12,300	13,100
105	10,900	11,100	11,700	12,300	10,100	10,300	10,900	11,600
110	9,800	9,900	10,500	11,100	8,900	9,100	9,700	10,400
115	8,700	8,800	9,400	9,900	7,900	8,000	8,600	9,200
120	7,700	7,900	8,300	8,800	6,900	7,000	7,600	8,100
125	6,900	7,000	7,400	7,900	6,000	6,200	6,700	7,200
130	6,100	6,200	6,600	7,000	5,200	5,400	5,800	6,300
135	5,300	5,400	5,800	6,200	4,500	4,600	5,000	5,500
140	4,600	4,700	5,100	5,400	3,800	3,900	4,300	4,700
145	4,000	4,100	4,400	4,700	3,200	3,300	3,700	4,000
150	3,400	3,500	3,800	4,100	2,600	2,700	3,100	3,400
155	2,900	3,000	3,200	3,500	2,100	2,200	2,500	2,800
160	2,400	2,500	2,700	2,900	1,600	1,700	2,000	2,200
165	1,900	2,000	2,200	2,300		1,200	1,500	1,700
170	1,500	1,600	1,700	1,800				1,200
175	1,100	1,200	1,300					
Min Angle	25.0	25.0	24.5	24.0	40.5	40.5	40.5	41.0
Max Rad.	175.7	176.4	178.2	176.9	165.0	166.3	168.6	171.1
Capacity	0	0	0	0	0	0	0	0

1112020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1112030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



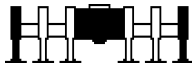
46,000 lbs



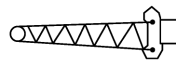
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	7,800	7,900	7,700	7,400	6,500	6,600	6,800	7,100
145	7,200	7,300	7,600	7,400	5,900	6,000	6,400	6,600
150	6,600	6,700	7,000	7,300	5,300	5,400	5,900	6,200
155	6,000	6,100	6,400	6,600	4,700	4,900	5,300	5,800
160	5,500	5,600	5,800	6,000	4,200	4,400	4,800	5,200
165	5,000	5,100	5,300	5,300	3,800	3,900	4,300	4,600
170	4,600	4,600	4,800		3,300	3,400	3,800	4,100
175	4,200	4,200	4,200		2,900	3,000	3,300	3,600
180					2,500	2,600	2,900	3,100
185					2,100	2,200	2,500	2,600
190					1,800	1,900	2,100	2,100
195					1,500	1,500	1,700	1,600
200					1,200	1,200	1,400	
Min Angle	0.0	0.0	0.0	0.0	19.5	20.0	19.0	21.0
Max Rad.	179.4	179.4	178.7	175.4	203.3	203.3	205.0	197.0
Capacity	3,900	3,900	4,000	4,100	0	0	0	0

1112030

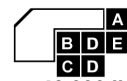
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



46,000 lbs



360°



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	9,800	9,600	8,500	7,900	9,000	9,200	8,600	7,900
120	8,900	9,100	8,400	7,800	8,000	8,300	8,500	7,900
125	8,000	8,200	8,300	7,700	7,100	7,400	8,200	7,800
130	7,100	7,300	8,100	7,700	6,300	6,500	7,400	7,700
135	6,400	6,600	7,300	7,600	5,600	5,800	6,600	7,400
140	5,700	5,900	6,500	7,200	4,900	5,100	5,800	6,600
145	5,100	5,200	5,800	6,500	4,300	4,400	5,100	5,800
150	4,500	4,600	5,200	5,800	3,700	3,800	4,500	5,200
155	3,900	4,100	4,600	5,100	3,100	3,300	3,900	4,500
160	3,400	3,600	4,100	4,500	2,600	2,800	3,300	3,900
165	2,900	3,100	3,500	4,000	2,200	2,300	2,800	3,400
170	2,500	2,600	3,000	3,500	1,700	1,800	2,300	2,800
175	2,100	2,200	2,600	3,000	1,300	1,400	1,900	2,400
180	1,700	1,800	2,200	2,500			1,500	1,900
185	1,300	1,400	1,800	2,100				1,400
190		1,100	1,400	1,600				
195				1,200				
Min Angle	37.0	37.0	37.5	37.5	47.0	47.5	48.0	48.0
Max Rad.	190.0	191.3	195.0	197.5	178.4	180.0	185.0	190.0
Capacity	0	0	0	0	0	0	0	0

1112030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



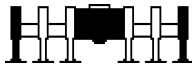
46,000 lbs



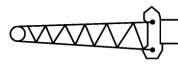
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1112040

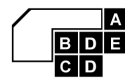
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,700	7,900	8,000	7,500
135	8,300	8,000	7,600	7,400	7,000	7,100	7,600	7,500
140	7,600	7,700	7,500	7,400	6,300	6,400	7,000	7,300
145	7,000	7,100	7,400	7,400	5,600	5,800	6,300	6,800
150	6,400	6,500	6,700	6,800	5,100	5,200	5,600	6,100
155	5,900	5,900	6,100		4,500	4,600	5,000	5,400
160	5,400	5,400	5,400		4,000	4,100	4,500	4,800
165					3,500	3,600	4,000	4,300
170					3,100	3,200	3,500	3,700
175					2,700	2,700	3,000	3,100
180					2,300	2,400	2,600	2,500
185					1,900	2,000	2,200	
190					1,600	1,600	1,700	
195					1,300	1,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	5,000	5,000	5,000	5,200	1,300	1,300	1,300	1,400

1112040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



46,000 lbs



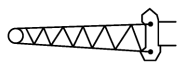
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	10,900	10,000	8,800	8,000
110	10,600	9,700	8,600	7,900	9,700	9,800	8,700	7,900
115	9,600	9,500	8,400	7,800	8,700	8,900	8,600	7,900
120	8,600	8,800	8,300	7,800	7,700	8,000	8,500	7,800
125	7,700	7,900	8,200	7,700	6,800	7,100	7,900	7,800
130	6,900	7,100	7,800	7,600	6,000	6,200	7,000	7,700
135	6,100	6,300	7,000	7,600	5,300	5,500	6,200	7,000
140	5,400	5,600	6,200	6,900	4,600	4,800	5,500	6,200
145	4,800	5,000	5,600	6,200	4,000	4,100	4,800	5,500
150	4,200	4,400	4,900	5,500	3,400	3,500	4,200	4,800
155	3,700	3,800	4,300	4,800	2,800	3,000	3,600	4,200
160	3,200	3,300	3,800	4,200	2,300	2,500	3,000	3,600
165	2,700	2,800	3,200	3,600	1,900	2,000	2,500	3,000
170	2,300	2,400	2,800	3,100	1,400	1,500	2,000	2,500
175	1,800	1,900	2,300	2,600		1,100	1,600	2,000
180	1,500	1,500	1,900	2,100			1,100	1,500
185	1,100	1,200	1,500	1,600				1,100
190			1,100	1,100				
Min Angle	31.5	31.5	31.5	32.0	44.0	44.5	44.5	44.5
Max Rad.	186.4	187.5	191.3	191.0	174.5	176.3	181.1	185.9
Capacity	0	0	0	0	0	0	0	0

1112040

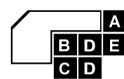
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



46,000 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1112050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



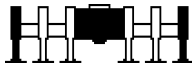
46,000 lbs



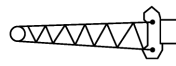
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,700	4,800	5,100	5,300
160	5,500	5,300	5,100	5,100	4,200	4,300	4,700	4,900
165	5,000	5,100	5,000	5,000	3,700	3,800	4,300	4,600
170	4,600	4,600	4,900	4,900	3,300	3,400	3,800	4,200
175	4,100	4,200	4,400	4,600	2,900	3,000	3,300	3,700
180	3,700	3,800	4,000	4,000	2,500	2,600	2,900	3,200
185	3,400	3,400	3,600		2,100	2,200	2,500	2,800
190	3,000	3,100	3,200		1,700	1,800	2,100	2,400
195	2,700	2,800	2,800		1,400	1,500	1,700	2,000
200					1,100	1,200	1,400	1,600
205							1,100	1,100
Min Angle	0.0	0.0	0.0	0.0	32.5	32.5	33.0	33.5
Max Rad.	197.4	197.4	196.6	193.2	201.7	203.3	206.7	206.3
Capacity	2,600	2,700	2,700	2,800	0	0	0	0

1112050

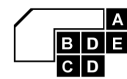
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



46,000 lbs



360°



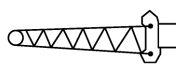
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,100	6,800	6,200	5,900	6,300	6,600	6,300	6,000
135	6,400	6,600	6,100	5,800	5,600	5,800	6,200	5,900
140	5,700	5,900	6,000	5,700	4,900	5,100	5,800	5,800
145	5,100	5,200	5,900	5,600	4,300	4,400	5,200	5,700
150	4,500	4,600	5,200	5,500	3,700	3,800	4,500	5,200
155	3,900	4,100	4,600	5,200	3,100	3,300	3,900	4,600
160	3,400	3,500	4,100	4,600	2,600	2,800	3,400	4,000
165	2,900	3,100	3,600	4,100	2,100	2,300	2,800	3,400
170	2,500	2,600	3,100	3,500	1,700	1,800	2,400	2,900
175	2,000	2,200	2,600	3,100	1,300	1,400	1,900	2,400
180	1,700	1,800	2,200	2,600			1,500	2,000
185	1,300	1,400	1,800	2,100			1,100	1,500
190			1,400	1,700				1,100
195				1,300				
Min Angle	44.0	44.0	44.5	44.5	52.5	52.5	52.0	52.5
Max Rad.	188.8	190.0	195.0	200.0	176.8	178.9	186.0	191.3
Capacity	0	0	0	0	0	0	0	0

1112050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



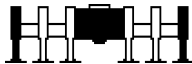
46,000 lbs



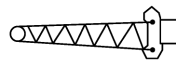
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1112060

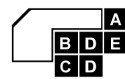
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



46,000 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,700	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,100	5,200	5,500	5,300
155	5,400	5,200	5,000	5,000	4,600	4,700	5,200	5,200
160	5,300	5,000	4,900	4,900	4,000	4,200	4,600	5,000
165	4,900	4,900	4,800	4,800	3,600	3,700	4,100	4,500
170	4,500	4,500	4,700	4,600	3,100	3,200	3,600	3,900
175	4,100	4,100	4,200		2,700	2,800	3,100	3,400
180	3,700	3,700	3,800		2,300	2,400	2,700	3,000
185					1,900	2,000	2,300	2,500
190					1,600	1,700	1,900	2,000
195					1,300	1,300	1,500	1,500
200							1,200	
Min Angle	0.0	0.0	0.0	0.0	25.0	26.0	26.0	25.5
Max Rad.	182.8	182.9	182.1	178.8	200.0	200.0	202.5	200.0
Capacity	3,600	3,600	3,600	3,700	0	0	0	0

1112060



Full



73 ft Hydraulic Offset Fly



46,000 lbs



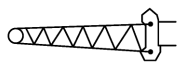
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	7,800	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	6,900	7,000	6,400	6,000
130	7,000	6,700	6,100	5,800	6,100	6,300	6,300	5,900
135	6,200	6,400	6,000	5,700	5,300	5,600	6,100	5,800
140	5,500	5,700	5,900	5,600	4,700	4,900	5,600	5,700
145	4,900	5,000	5,700	5,500	4,000	4,200	4,900	5,600
150	4,300	4,400	5,000	5,400	3,400	3,600	4,300	5,000
155	3,700	3,900	4,400	5,000	2,900	3,000	3,700	4,300
160	3,200	3,400	3,900	4,400	2,400	2,500	3,100	3,700
165	2,700	2,900	3,400	3,800	1,900	2,000	2,600	3,200
170	2,300	2,400	2,900	3,300	1,400	1,600	2,100	2,600
175	1,900	2,000	2,400	2,800		1,200	1,700	2,100
180	1,500	1,600	2,000	2,300			1,200	1,700
185	1,100	1,200	1,600	1,900				1,200
190			1,200	1,500				
195				1,100				
Min Angle	39.5	39.5	39.5	40.0	49.5	49.5	49.5	50.0
Max Rad.	186.7	188.3	192.5	196.0	174.8	176.8	182.1	187.5
Capacity	0	0	0	0	0	0	0	0

1112060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



46,000 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1112070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



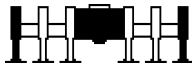
46,000 lbs



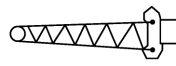
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,800	2,900	3,200	3,500
180	3,400	3,200	3,200	3,200	2,400	2,500	2,900	3,200
185	3,200	3,100	3,000	3,000	2,000	2,100	2,500	2,800
190	2,900	3,000	2,900	2,900	1,600	1,700	2,100	2,400
195	2,600	2,600	2,800	2,900	1,300	1,400	1,700	2,000
200	2,300	2,300	2,500	2,400		1,100	1,400	1,600
205	2,000	2,000	2,100					1,300
210	1,700	1,800	1,700					
215	1,500	1,500						
Min Angle	0.0	0.0	0.0	0.0	41.0	41.0	42.0	41.5
Max Rad.	215.4	215.4	214.6	211.0	200.0	201.7	205.0	208.8
Capacity	1,500	1,500	1,500	1,600	0	0	0	0

1112070

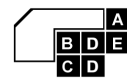
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



46,000 lbs



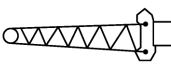
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	4,800	5,000	4,700	4,500
145	5,000	4,700	4,400	4,300	4,200	4,400	4,600	4,400
150	4,400	4,600	4,300	4,200	3,600	3,800	4,400	4,300
155	3,800	4,000	4,200	4,100	3,000	3,200	3,900	4,200
160	3,300	3,500	4,100	4,000	2,500	2,700	3,300	4,000
165	2,800	3,000	3,500	3,900	2,000	2,200	2,800	3,400
170	2,400	2,500	3,000	3,600	1,600	1,700	2,300	2,900
175	2,000	2,100	2,600	3,100	1,200	1,300	1,900	2,400
180	1,600	1,700	2,100	2,600			1,400	2,000
185	1,200	1,300	1,700	2,200				1,500
190			1,400	1,700				1,100
195				1,400				
Min Angle	49.5	50.0	50.0	50.0	56.5	56.5	56.5	57.0
Max Rad.	187.4	188.8	195.0	200.0	175.9	178.1	185.0	190.9
Capacity	0	0	0	0	0	0	0	0

1112070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



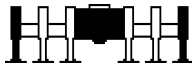
46,000 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1112080

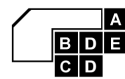
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,000	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,500	3,700	3,700	3,700
170	3,300	3,200	3,100	3,100	3,100	3,200	3,600	3,600
175	3,200	3,100	3,000	3,000	2,700	2,800	3,200	3,500
180	3,000	3,000	2,900	2,900	2,300	2,400	2,700	3,100
185	2,900	2,800	2,800	2,800	1,900	2,000	2,300	2,600
190	2,800	2,700	2,700		1,500	1,600	1,900	2,200
195	2,600	2,600	2,600		1,200	1,300	1,600	1,800
200	2,300	2,300					1,200	1,400
Min Angle	0.0	0.0	0.0	0.0	36.0	36.0	36.5	36.5
Max Rad.	200.8	200.9	200.0	196.6	198.3	200.0	203.3	205.0
Capacity	2,300	2,300	2,300	2,400	0	0	0	0

1112080



Full



91 ft Hydraulic Offset Fly



46,000 lbs



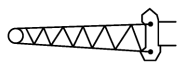
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,400	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	4,700	4,900	4,600	4,400
145	4,900	4,600	4,300	4,200	4,000	4,200	4,500	4,300
150	4,300	4,400	4,200	4,100	3,400	3,600	4,300	4,200
155	3,700	3,900	4,100	4,000	2,900	3,000	3,700	4,100
160	3,200	3,400	3,900	3,900	2,400	2,500	3,100	3,800
165	2,700	2,900	3,400	3,800	1,900	2,000	2,600	3,200
170	2,300	2,400	2,900	3,400	1,400	1,600	2,100	2,700
175	1,800	2,000	2,400	2,900		1,100	1,700	2,200
180	1,500	1,600	2,000	2,400			1,200	1,700
185	1,100	1,200	1,600	2,000				1,300
190			1,200	1,600				
195				1,200				
Min Angle	46.0	45.5	46.0	46.0	54.0	53.5	54.0	54.0
Max Rad.	185.6	187.4	192.5	197.5	173.9	176.0	182.5	188.3
Capacity	0	0	0	0	0	0	0	0

1112080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1112090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



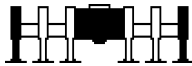
46,000 lbs



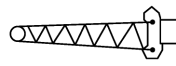
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,800	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,500	1,600	1,900	2,200
195	1,800	1,700	1,700	1,700	1,100	1,200	1,600	1,900
200	1,700	1,600	1,600	1,600			1,300	1,600
205	1,600	1,500	1,500	1,500				1,200
210	1,500	1,400	1,400	1,400				
215	1,300	1,300	1,400	1,400				
220		1,100	1,200					
Min Angle	25.0	24.0	24.0	24.5	47.5	47.5	48.0	48.5
Max Rad.	220.0	221.7	223.3	219.2	196.7	198.3	203.8	208.3
Capacity	0	0	0	0	0	0	0	0

1112090

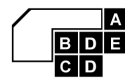
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



46,000 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,500	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	2,900	3,100	3,300	3,200
160	3,200	3,200	3,000	3,000	2,400	2,600	3,200	3,100
165	2,700	2,900	2,900	2,900	1,900	2,100	2,700	3,000
170	2,300	2,400	2,800	2,800	1,500	1,600	2,200	2,900
175	1,800	2,000	2,500	2,700		1,200	1,800	2,400
180	1,400	1,600	2,100	2,600			1,300	1,900
185	1,100	1,200	1,700	2,100				1,500
190			1,300	1,700				1,100
195				1,300				
Min Angle	54.0	54.0	54.5	55.0	60.0	60.0	60.5	60.5
Max Rad.	185.9	187.5	193.5	198.8	174.8	177.0	183.0	190.7
Capacity	0	0	0	0	0	0	0	0

1112090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



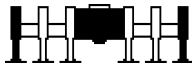
46,000 lbs



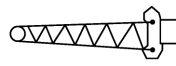
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1112100

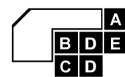
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



46,000 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,200	2,300	2,300	2,300
185	1,700	1,700	1,700	1,700	1,800	1,900	2,200	2,200
190	1,600	1,600	1,600	1,600	1,400	1,500	1,900	2,100
195	1,500	1,500	1,500	1,500	1,100	1,200	1,500	1,800
200	1,400	1,400	1,400	1,400			1,200	1,500
205	1,300	1,300	1,300					1,100
210	1,200	1,200	1,200					
215	1,100	1,100	1,100					
Min Angle	0.0	0.0	0.0	0.0	43.5	43.0	43.5	44.0
Max Rad.	218.8	218.8	218.0	214.4	196.7	198.3	203.3	206.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1112100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



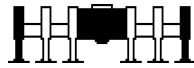
46,000 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,400	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	2,800	3,000	3,200	3,100
160	3,100	3,000	2,900	2,900	2,300	2,500	3,100	3,000
165	2,700	2,800	2,800	2,800	1,800	2,000	2,600	2,900
170	2,200	2,300	2,700	2,700	1,400	1,500	2,100	2,700
175	1,800	1,900	2,400	2,600			1,600	2,200
180	1,400	1,500	2,000	2,500			1,200	1,800
185		1,100	1,600	2,000				1,300
190			1,200	1,600				
195				1,200				
Min Angle	50.5	50.5	51.0	51.0	58.0	57.5	58.0	58.0
Max Rad.	184.5	186.5	192.5	197.5	172.2	174.4	182.2	188.8
Capacity	0	0	0	0	0	0	0	0

1112100

Rated Lifting
Capacities in
Pounds



Full



54,800 lbs



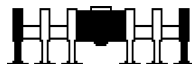
Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	207,400	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	177,700	135,200	180,500	179,600	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	142,300	118,800	145,300	144,500	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	116,600	106,000	120,500	119,400	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	94,500	95,900	98,400	97,300	62,300	87,200	94,700	97,800	57,700	55,800	80,800	82,500
35		82,200	81,100	79,800	56,400	78,800	82,600	80,400	52,100	50,500	73,000	74,400
40		66,300	65,200	64,000	51,500	68,600	66,800	64,800	47,600	46,000	66,500	66,600
45		54,900	53,900	52,700	46,800	57,100	55,400	53,500	43,600	42,200	57,700	55,400
50					42,600	48,500	46,900	45,000	40,300	39,000	49,100	47,000
55					39,100	41,800	40,200	38,300	37,400	36,200	42,400	40,300
60					36,200	36,400	34,800	33,000	34,900	33,500	37,000	34,900
65								28,500	32,700	31,000	32,500	30,500
70									30,100	28,900	28,800	26,700
75									26,900	26,300	25,600	23,500
80												20,800
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	32,900	32,000	30,000	28,000	25,000	24,200	23,200	20,500

1120010

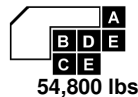
Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	76,300	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	63,700	39,700	52,500	61,100	63,900	53,900	40,200	55,900	38,600	62,100	51,000	35,900	43,400
45	52,700	36,400	48,500	56,000	54,300	48,800	36,900	51,400	35,400	55,900	46,300	32,900	40,100
50	44,400	33,600	45,100	48,600	45,900	43,700	34,100	47,400	32,600	47,500	42,200	30,400	37,200
55	37,700	31,200	42,100	42,100	39,300	37,200	31,600	43,300	30,200	40,900	38,500	28,200	34,700
60	32,400	29,000	38,500	36,700	34,000	31,800	29,500	37,900	28,000	35,600	33,200	26,200	32,400
65	28,000	27,100	34,000	32,200	29,700	27,500	27,500	33,500	26,100	31,200	28,900	24,400	30,400
70	24,200	25,500	30,300	28,500	25,900	23,800	25,800	29,800	24,500	27,400	25,200	22,800	28,600
75	21,000	24,000	27,100	25,300	22,700	20,600	24,300	26,600	22,900	24,300	22,000	21,400	27,000
80	18,300	22,600	24,300	22,500	20,000	17,900	22,900	23,800	21,600	21,600	19,400	20,100	24,400
85		21,300	21,900	20,200	17,600	15,700	21,600	21,400	20,300	19,200	17,000	19,000	22,000
90		20,100	19,800	18,100	15,600	13,700	20,400	19,300	19,200	17,100	15,100	17,900	19,900
95				16,300	13,800	11,900	18,600	17,500	17,700	15,400	13,300	16,900	18,100
100							17,000	15,900	16,100	13,800	11,700	16,000	16,500
105							15,600	14,500	14,700	12,400	10,300	15,200	15,100
110										11,100	9,000	14,300	13,800
115												13,100	12,600
120												12,100	11,600
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	17,400	19,200	18,500	16,300	13,200	10,800	14,600	13,300	13,500	10,700	8,300	11,300	10,700

1120010

Rated Lifting
Capacities in
Pounds



Full



54,800 lbs



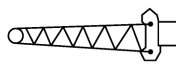
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	53,700	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	48,500	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	42,000	38,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	36,700	34,700	35,000	24,300	34,400	23,400	26,000	32,900	25,100	27,500	22,500
65	32,200	30,300	32,800	22,500	31,400	21,800	24,300	30,500	23,400	25,800	22,500
70	28,600	26,600	29,200	21,000	27,700	20,300	22,700	28,300	21,900	24,300	22,500
75	25,400	23,400	26,000	19,500	24,500	18,900	21,300	25,100	20,500	22,800	22,000
80	22,700	20,700	23,300	18,300	21,800	17,700	20,000	22,400	19,300	21,600	20,700
85	20,400	18,400	20,900	17,100	19,500	16,600	18,800	20,100	18,100	19,200	19,600
90	18,300	16,400	18,900	16,000	17,500	15,600	17,700	18,000	17,100	17,200	17,900
95	16,500	14,700	17,100	15,000	15,700	14,700	16,200	16,200	16,100	15,600	16,100
100	15,000	13,100	15,600	14,200	14,200	13,800	14,800	14,800	15,200	14,000	14,800
105	13,500	11,700	14,200	13,300	12,800	13,000	13,400	13,400	14,100	12,600	13,400
110	12,200	10,400	12,900	12,600	11,500	12,300	12,100	12,100	12,800	11,400	12,100
115	11,100	9,200	11,700	11,600	10,300	11,600	10,900	10,900	11,700	10,200	10,900
120	10,000	8,200	10,600	10,500	9,300	10,900	9,800	9,900	10,600	9,200	9,900
125	9,100	7,200	9,600	9,500	8,300	10,300	8,900	8,900	9,600	8,200	8,900
130			8,800	8,700	7,400	9,400	8,000	8,000	8,700	7,300	8,100
135			8,000	7,900	6,600	8,600	7,200	7,200	7,900	6,500	7,300
140			7,200	7,100	5,900	7,900	6,400	6,500	7,200	5,800	6,500
145						7,200	5,800	5,800	6,500	5,100	5,800
150						6,500	5,100	5,200	5,800	4,500	5,200
155						6,000	4,500	4,600	5,200	3,900	4,600
160									4,700	3,300	4,000
165									4,200	2,800	3,500
170									3,700	2,300	3,000
175											2,600
180											2,200
185											1,800
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	174.2	188.7
Capacity	8,800	6,800	7,000	6,900	5,600	5,900	4,400	4,300	3,600	2,000	1,500

1120010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



54,800 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	60,000	49,800	61,100	49,900	66,800	50,000	65,700	50,000	44,800	40,900	65,100	51,100
45			56,100	49,600	55,600	49,600	54,600	49,600	40,800	37,800	57,500	50,200
50			48,000	48,000	47,200	47,200	46,200	46,200	37,500	35,100	48,900	48,900
55			41,500	41,500	40,600	40,600	39,700	39,700	34,200	32,800	42,400	42,400
60									31,500	30,500	37,000	37,000
65									29,300	28,700	32,700	32,700
70									27,200	26,900	29,000	29,000
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	35,800	35,800	34,700	34,700	33,600	33,600	26,000	26,000	26,700	26,700

1123010

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	75,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	67,100	51,300	65,200	51,400	43,500	40,700	42,400	39,800	62,400	52,200	64,200	52,400
45	55,900	50,300	54,100	50,400	39,700	37,400	38,700	36,600	57,100	51,100	55,200	51,400
50	47,500	47,500	45,700	45,700	36,400	34,500	35,400	33,800	48,800	48,800	46,800	46,800
55	40,900	40,900	39,200	39,200	33,600	32,100	32,700	31,300	42,200	42,200	40,200	40,200
60	35,600	35,600	34,000	34,000	31,100	30,000	30,300	29,400	36,900	36,900	35,000	35,000
65	31,300	31,300	29,600	29,600	29,200	28,300	28,100	27,500	32,500	32,500	30,600	30,600
70	27,500	27,500	25,900	25,900	27,300	26,600	26,000	25,600	28,800	28,800	26,900	26,900
75			22,900	22,900	25,600	25,100	24,200	23,900	25,700	25,700	23,800	23,800
80					24,100	23,700	22,600	22,400	23,000	23,000	21,100	21,100
85					21,900	21,900	21,200	21,000	20,700	20,700	18,800	18,800
90											16,900	16,900
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	24,700	24,700	22,600	22,600	20,600	20,600	19,900	19,900	19,100	19,100	16,700	16,700

1123020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



54,800 lbs

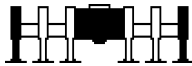


360°

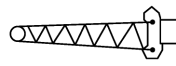
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	74,800	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	63,600	52,700	37,000	35,200	48,000	44,000	58,400	52,800	62,400	53,300	52,600	52,400
45	52,600	51,600	33,700	32,200	44,200	40,800	53,300	51,500	53,800	52,200	47,400	47,400
50	44,400	44,400	30,900	30,000	40,800	37,900	48,000	47,500	45,500	45,500	43,200	43,200
55	37,800	37,800	28,700	27,800	37,800	35,400	41,500	41,500	38,900	38,900	36,900	36,900
60	32,600	32,600	26,600	25,800	35,200	33,200	36,200	36,200	33,700	33,700	31,600	31,600
65	28,200	28,200	24,700	24,100	32,900	31,200	31,800	31,800	29,300	29,300	27,300	27,300
70	24,600	24,600	23,100	22,500	29,800	29,700	28,100	28,100	25,600	25,600	23,600	23,600
75	21,500	21,500	21,600	21,100	26,600	26,600	25,000	25,000	22,500	22,500	20,600	20,600
80	18,900	18,900	20,200	19,900	23,900	23,900	22,300	22,300	19,900	19,900	17,900	17,900
85	16,600	16,600	19,000	18,800	21,600	21,600	20,000	20,000	17,600	17,600	15,800	15,800
90	14,700	14,700	17,900	17,800	19,600	19,600	17,900	17,900	15,700	15,700	13,800	13,800
95			16,800	16,700	17,800	17,800	16,200	16,200	13,900	13,900	12,100	12,100
100			15,800	15,800	16,200	16,200	14,700	14,700	12,400	12,400	10,600	10,600
105							13,300	13,300	11,000	11,000	9,200	9,200
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	14,100	14,100	15,300	15,300	15,200	15,200	13,300	13,300	10,600	10,600	8,500	8,500

1123010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



54,800 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	55,100	52,200	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	46,800	46,800	41,000	41,000	28,700	28,100
55	29,600	28,800	41,600	38,200	28,300	27,700	40,200	40,200	37,400	37,400	26,500	25,900
60	27,500	26,800	37,100	36,000	26,200	25,600	34,900	34,900	32,700	32,700	24,500	24,000
65	25,500	25,000	32,700	32,700	24,300	23,800	30,600	30,600	28,300	28,300	22,700	22,400
70	23,800	23,400	29,100	29,100	22,600	22,200	26,800	26,800	24,700	24,700	21,100	20,800
75	22,200	21,900	25,900	25,900	21,100	20,800	23,700	23,700	21,600	21,600	19,700	19,500
80	20,900	20,600	23,200	23,200	19,700	19,500	21,000	21,000	18,900	18,900	18,400	18,200
85	19,600	19,400	20,800	20,800	18,500	18,300	18,700	18,700	16,600	16,600	17,200	17,100
90	18,500	18,300	18,800	18,800	17,300	17,200	16,700	16,700	14,800	14,800	16,200	16,100
95	17,400	17,300	17,000	17,000	16,300	16,200	15,000	15,000	13,000	13,000	15,200	15,100
100	16,400	16,400	15,500	15,500	15,400	15,300	13,500	13,500	11,500	11,500	14,500	14,400
105	15,100	15,100	14,100	14,100	14,300	14,300	12,100	12,100	10,100	10,100	13,600	13,600
110	13,800	13,800	12,900	12,900	13,000	13,000	10,800	10,800	8,900	8,900	12,900	12,800
115	12,700	12,700	11,700	11,700	11,900	11,900	9,700	9,700	7,800	7,800	12,200	12,200
120							8,700	8,700	6,800	6,800	11,400	11,400
125											10,500	10,500
130											9,700	9,700
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	12,000	12,000	10,800	10,800	11,000	11,000	8,500	8,500	6,200	6,200	9,000	9,000

1123010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



54,800 lbs



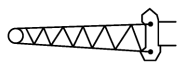
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	46,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	41,100	40,400	36,700	36,700	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	35,800	35,800	33,700	33,700	32,600	31,000	22,800	22,600	33,000	33,000
65	28,200	27,300	31,500	31,500	29,500	29,500	30,600	29,300	21,000	20,900	30,400	30,400
70	26,400	25,600	27,800	27,800	25,800	25,800	28,200	27,700	19,500	19,400	26,800	26,800
75	24,800	24,100	24,600	24,600	22,700	22,700	25,000	25,000	18,000	18,000	23,600	23,600
80	23,400	22,800	21,900	21,900	20,000	20,000	22,300	22,300	16,800	16,800	20,900	20,900
85	21,200	21,200	19,600	19,600	17,700	17,700	20,000	20,000	15,600	15,600	18,600	18,600
90	19,100	19,100	17,600	17,600	15,700	15,700	18,000	18,000	14,700	14,700	16,600	16,600
95	17,300	17,300	15,800	15,800	14,100	14,100	16,200	16,200	13,700	13,700	15,000	15,000
100	15,700	15,700	14,300	14,300	12,600	12,600	14,700	14,700	12,800	12,800	13,400	13,400
105	14,400	14,400	12,900	12,900	11,200	11,200	13,300	13,300	11,900	11,900	12,000	12,000
110	13,200	13,200	11,700	11,700	9,900	9,900	12,100	12,100	11,200	11,200	10,800	10,800
115	12,000	12,000	10,500	10,500	8,800	8,800	10,900	10,900	10,500	10,500	9,600	9,600
120	11,000	11,000	9,500	9,500	7,800	7,800	9,900	9,900	9,800	9,800	8,600	8,600
125	10,000	10,000	8,600	8,600	6,900	6,900	8,900	8,900	8,800	8,800	7,700	7,700
130	9,200	9,200	7,700	7,700	6,000	6,000	8,100	8,100	8,000	8,000	6,800	6,800
135			7,000	7,000	5,300	5,300	7,300	7,300	7,200	7,200	6,100	6,100
140							6,600	6,600	6,500	6,500	5,300	5,300
145							5,900	5,900	5,800	5,800	4,700	4,700
150							5,300	5,300	5,200	5,200	4,100	4,100
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad. Capacity	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
	8,500	8,500	6,800	6,800	4,900	4,900	5,200	5,200	5,100	5,100	3,900	3,900

1123020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



54,800 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	29,300	29,300	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	27,200	27,200	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	24,100	24,100	19,000	18,800	21,200	20,800	19,600	19,600
80	16,200	16,200	18,400	18,200	21,400	21,400	17,700	17,600	19,900	19,600	19,100	18,900
85	15,100	15,100	17,200	17,100	19,100	19,100	16,600	16,500	18,200	18,200	18,000	17,800
90	14,300	14,300	16,100	16,000	17,000	17,000	15,500	15,500	16,200	16,200	16,800	16,700
95	13,300	13,300	15,100	15,000	15,400	15,400	14,700	14,700	14,600	14,600	15,200	15,200
100	12,400	12,400	13,800	13,800	13,900	13,900	13,800	13,800	13,000	13,000	13,700	13,700
105	11,600	11,600	12,400	12,400	12,500	12,500	12,900	12,900	11,600	11,600	12,300	12,300
110	10,900	10,900	11,200	11,200	11,200	11,200	11,800	11,800	10,400	10,400	11,000	11,000
115	10,200	10,200	10,000	10,000	10,100	10,100	10,600	10,600	9,200	9,200	9,900	9,900
120	9,500	9,500	9,000	9,000	9,000	9,000	9,600	9,600	8,200	8,200	8,800	8,800
125	8,900	8,900	8,100	8,100	8,100	8,100	8,600	8,600	7,300	7,300	7,900	7,900
130	8,400	8,400	7,200	7,200	7,200	7,200	7,800	7,800	6,400	6,400	7,000	7,000
135	7,800	7,800	6,400	6,400	6,500	6,500	7,000	7,000	5,600	5,600	6,200	6,200
140	7,100	7,100	5,700	5,700	5,700	5,700	6,300	6,300	4,900	4,900	5,500	5,500
145	6,400	6,400	5,000	5,000	5,100	5,100	5,600	5,600	4,300	4,300	4,800	4,800
150	5,800	5,800	4,400	4,400	4,500	4,500	5,000	5,000	3,600	3,600	4,200	4,200
155	5,200	5,200	3,800	3,800	3,900	3,900	4,400	4,400	3,100	3,100	3,600	3,600
160	4,700	4,700	3,300	3,300	3,400	3,400	3,900	3,900	2,500	2,500	3,100	3,100
165	4,200	4,200	2,900	2,800	2,900	2,900	3,400	3,400	2,000	2,000	2,600	2,600
170							2,900	2,900	1,600	1,600	2,100	2,100
175							2,500	2,500	1,200	1,200	1,700	1,700
180							2,100	2,100			1,300	1,300
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	21.0	26.0	26.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	181.5	181.5	175.7	175.7	183.5	183.5
Capacity	4,100	4,100	2,800	2,800	2,700	2,700	2,000	2,000	0	0	0	0

1123010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



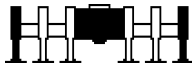
54,800 lbs



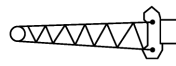
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,200	11,200	11,200	
125									10,600	10,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,600	10,600	10,600	10,900

1122010

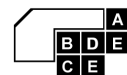
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



54,800 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,300	10,400	10,400	10,400	8,700	8,800	8,900	9,000
125	9,800	9,800	9,800	9,800	8,100	8,200	8,300	8,400
130	9,200	9,200	9,300	9,300	7,600	7,600	7,800	7,900
135	8,700	8,700	8,800	8,800	7,100	7,100	7,300	7,400
140	8,200	8,200	8,300	8,300	6,600	6,700	6,800	6,900
145	7,800	7,800	7,800		6,200	6,200	6,300	6,400
150	7,200	7,200	7,300		5,800	5,800	5,900	6,000
155	6,600	6,600	6,700		5,400	5,400	5,500	5,600
160					4,800	4,900	5,100	5,200
165					4,300	4,400	4,500	4,600
170					3,800	3,900	4,000	4,100
175					3,400	3,400	3,600	
180					3,000	3,000	3,100	
185					2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	6,400	6,400	6,500	6,600	2,400	2,400	2,400	2,500

1122010



Full



32.5 ft Hydraulic Offset Fly



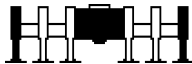
54,800 lbs



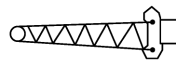
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	12,700	12,700	13,100	13,600
105	11,800	11,800	11,900	12,000	12,500	12,700	12,800	12,800
110	11,100	11,100	11,200	11,300	11,200	11,400	12,000	12,100
115	10,400	10,400	10,500	10,600	10,100	10,200	10,800	11,400
120	9,800	9,800	9,900	10,000	9,000	9,200	9,700	10,300
125	8,900	9,000	9,300	9,400	8,100	8,200	8,700	9,200
130	8,000	8,100	8,500	8,800	7,200	7,300	7,800	8,300
135	7,200	7,300	7,700	8,100	6,400	6,500	7,000	7,400
140	6,400	6,500	6,900	7,300	5,700	5,800	6,200	6,600
145	5,800	5,900	6,200	6,500	5,000	5,100	5,500	5,900
150	5,100	5,200	5,500	5,800	4,300	4,400	4,800	5,200
155	4,500	4,600	4,900	5,200	3,800	3,900	4,200	4,500
160	4,000	4,100	4,300	4,600	3,200	3,300	3,600	3,900
165	3,500	3,600	3,800	4,000	2,700	2,800	3,100	3,400
170	3,000	3,100	3,300	3,500	2,200	2,300	2,600	2,800
175	2,600	2,600	2,800	3,000	1,800	1,900	2,100	2,300
180	2,200	2,200	2,400	2,500	1,400	1,400	1,700	1,900
185	1,800	1,800	2,000	2,000			1,300	1,400
190	1,400	1,400	1,600					
195	1,100	1,100	1,200					
Min Angle	19.0	19.5	19.0	19.5	38.0	38.0	38.0	38.0
Max Rad.	196.6	196.7	197.5	195.0	183.9	184.8	187.8	189.8
Capacity	0	0	0	0	0	0	0	0

1122010

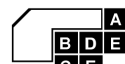
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



54,800 lbs

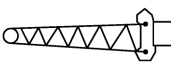


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,500	15,400	15,400	15,400
105									14,600	14,600	14,500	
110									13,800	13,800	13,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	13,700	13,600	13,700	14,200

1122020



Full



32.5 ft Hydraulic Offset Fly



54,800 lbs



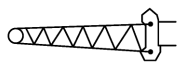
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,200	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	12,400	12,400	12,400	12,400	10,300	10,400	10,500	10,600
115	11,700	11,700	11,700	11,700	9,600	9,700	9,800	9,900
120	11,100	11,100	11,100	11,100	9,000	9,000	9,200	9,300
125	10,400	10,400	10,500	10,500	8,400	8,500	8,600	8,700
130	9,700	9,700	9,800	9,800	7,900	7,900	8,000	8,100
135	8,900	8,900	9,000		7,400	7,400	7,500	7,600
140	8,200	8,200	8,100		6,900	6,900	7,000	7,100
145					6,200	6,300	6,500	6,600
150					5,600	5,600	5,900	6,000
155					5,000	5,000	5,200	5,300
160					4,500	4,500	4,700	
165					4,000	4,000	4,100	
170					3,500	3,500	3,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	7,900	7,900	7,900	8,100	3,200	3,200	3,200	3,300

1122020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	15,700	15,700	15,700	15,600
95	13,900	13,900	13,900	13,900	15,000	14,900	14,800	14,800
100	13,000	13,000	13,100	13,100	13,400	13,600	14,000	14,000
105	12,200	12,200	12,300	12,300	12,000	12,200	12,900	13,200
110	11,400	11,500	11,500	11,600	10,800	10,900	11,500	12,200
115	10,500	10,600	10,800	10,900	9,600	9,800	10,300	10,900
120	9,400	9,500	10,000	10,300	8,600	8,700	9,300	9,800
125	8,500	8,600	9,000	9,500	7,600	7,800	8,300	8,800
130	7,600	7,700	8,100	8,500	6,800	6,900	7,300	7,800
135	6,800	6,900	7,300	7,600	6,000	6,100	6,500	6,900
140	6,100	6,200	6,500	6,800	5,200	5,300	5,700	6,100
145	5,400	5,500	5,800	6,100	4,600	4,700	5,000	5,400
150	4,700	4,800	5,100	5,400	3,900	4,000	4,400	4,700
155	4,200	4,200	4,500	4,700	3,300	3,400	3,800	4,000
160	3,600	3,700	3,900	4,100	2,800	2,900	3,200	3,400
165	3,100	3,200	3,400	3,500	2,300	2,400	2,600	2,900
170	2,700	2,700	2,900	2,900	1,800	1,900	2,100	2,300
175	2,200	2,300	2,400		1,400	1,500	1,700	1,800
180	1,800	1,800	2,000				1,200	1,300
185	1,400	1,500	1,500					
Min Angle	0.0	0.0	0.0	0.0	34.0	34.5	34.0	34.0
Max Rad.	189.0	189.1	188.7	186.6	178.5	179.4	182.1	183.1
Capacity	1,200	1,200	1,200	1,300	0	0	0	0

1122020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



54,800 lbs



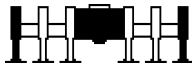
360°



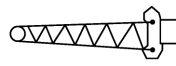
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1122030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



54,800 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	8,000	8,000	7,700	7,400	6,600	6,600	6,800	7,100
145	7,500	7,600	7,600	7,400	6,100	6,200	6,400	6,600
150	7,200	7,200	7,200	7,300	5,700	5,800	6,000	6,200
155	6,700	6,800	6,900	6,900	5,300	5,400	5,600	5,800
160	6,400	6,400	6,500	6,500	5,000	5,000	5,200	5,400
165	6,000	6,000	6,100	6,100	4,600	4,700	4,800	5,000
170	5,700	5,700	5,700		4,300	4,300	4,500	4,700
175	5,300	5,300	5,300		4,000	4,000	4,200	4,300
180					3,600	3,700	3,900	4,000
185					3,200	3,300	3,500	3,700
190					2,800	2,900	3,100	3,200
195					2,500	2,500	2,700	2,600
200					2,100	2,200	2,300	
205					1,800	1,900	1,900	
210					1,600	1,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	179.4	179.4	178.7	175.4	211.1	211.2	210.4	206.9
Capacity	5,000	5,000	5,100	5,300	1,600	1,600	1,600	1,700

1122030



Full



55 ft Hydraulic Offset Fly



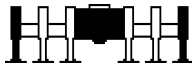
54,800 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	10,100	9,600	8,500	7,900	9,200	9,200	8,600	7,900
120	9,500	9,400	8,400	7,800	9,200	9,200	8,500	7,900
125	8,900	8,900	8,300	7,700	8,700	9,000	8,400	7,800
130	8,400	8,400	8,200	7,700	7,900	8,100	8,300	7,700
135	7,800	7,900	8,100	7,600	7,100	7,300	8,000	7,700
140	7,100	7,300	7,600	7,500	6,300	6,500	7,200	7,600
145	6,400	6,600	7,100	7,300	5,600	5,800	6,500	7,200
150	5,800	5,900	6,500	6,900	5,000	5,200	5,800	6,500
155	5,200	5,300	5,900	6,400	4,400	4,600	5,200	5,800
160	4,600	4,800	5,300	5,800	3,800	4,000	4,600	5,100
165	4,100	4,300	4,700	5,200	3,300	3,500	4,000	4,500
170	3,600	3,800	4,200	4,600	2,800	3,000	3,500	4,000
175	3,200	3,300	3,700	4,100	2,400	2,500	3,000	3,500
180	2,800	2,900	3,200	3,600	2,000	2,100	2,500	3,000
185	2,400	2,500	2,800	3,100	1,600	1,700	2,100	2,500
190	2,000	2,100	2,400	2,600	1,200	1,300	1,700	2,000
195	1,600	1,700	2,000	2,200			1,300	1,600
200	1,300	1,400	1,600	1,800				1,200
205		1,100	1,300	1,300				
Min Angle	29.5	29.0	30.0	29.5	42.5	42.5	43.0	43.0
Max Rad.	205.0	206.7	208.8	208.0	192.5	194.2	198.8	202.5
Capacity	0	0	0	0	0	0	0	0

1122030

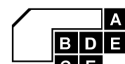
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1122040



Full



55 ft Hydraulic Offset Fly



54,800 lbs



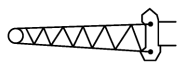
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,800	7,900	8,000	7,500
135	8,600	8,000	7,600	7,400	7,300	7,400	7,600	7,500
140	8,400	7,900	7,500	7,400	6,800	6,900	7,100	7,300
145	8,000	7,800	7,500	7,400	6,400	6,400	6,600	6,800
150	7,600	7,600	7,500	7,400	6,000	6,000	6,200	6,400
155	7,100	7,200	7,300		5,600	5,600	5,800	6,000
160	6,600	6,600	6,700		5,200	5,300	5,400	5,600
165					4,700	4,800	5,100	5,200
170					4,200	4,300	4,600	4,800
175					3,800	3,900	4,100	4,200
180					3,400	3,400	3,600	3,600
185					3,000	3,000	3,200	
190					2,600	2,700	2,700	
195					2,300	2,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	6,200	6,200	6,200	6,500	2,200	2,200	2,300	2,400

1122040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	11,300	10,000	8,800	8,000
110	11,000	9,700	8,600	7,900	11,200	9,800	8,700	7,900
115	10,400	9,500	8,400	7,800	10,400	9,700	8,600	7,900
120	9,800	9,300	8,300	7,800	9,400	9,500	8,500	7,800
125	9,200	9,200	8,200	7,700	8,400	8,600	8,400	7,800
130	8,400	8,600	8,100	7,600	7,500	7,800	8,300	7,700
135	7,600	7,800	8,100	7,600	6,700	6,900	7,700	7,600
140	6,900	7,000	7,700	7,500	6,000	6,200	6,900	7,600
145	6,200	6,300	6,900	7,500	5,300	5,500	6,200	6,900
150	5,500	5,700	6,200	6,800	4,700	4,800	5,500	6,100
155	4,900	5,100	5,600	6,100	4,100	4,200	4,800	5,400
160	4,400	4,500	5,000	5,400	3,500	3,700	4,200	4,800
165	3,900	4,000	4,400	4,800	3,000	3,200	3,700	4,200
170	3,400	3,500	3,900	4,300	2,600	2,700	3,200	3,600
175	2,900	3,000	3,400	3,700	2,100	2,200	2,700	3,100
180	2,500	2,600	2,900	3,200	1,700	1,800	2,200	2,600
185	2,100	2,200	2,500	2,700	1,300	1,400	1,800	2,100
190	1,800	1,800	2,100	2,200			1,400	1,700
195	1,400	1,500	1,700	1,600				1,200
200	1,100	1,100	1,300					
Min Angle	21.5	22.0	21.0	24.5	39.0	39.0	39.0	39.0
Max Rad.	201.7	201.7	203.8	197.3	188.2	189.8	194.9	197.5
Capacity	0	0	0	0	0	0	0	0

1122040

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



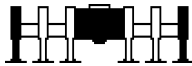
54,800 lbs



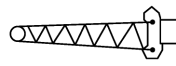
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1122050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,800	4,800	5,100	5,300
160	5,600	5,300	5,100	5,100	4,400	4,500	4,700	4,900
165	5,300	5,200	5,000	5,000	4,100	4,100	4,400	4,600
170	5,000	5,000	4,900	4,900	3,800	3,800	4,000	4,200
175	4,700	4,700	4,800	4,800	3,500	3,500	3,700	3,900
180	4,400	4,400	4,500	4,500	3,200	3,200	3,400	3,600
185	4,100	4,100	4,200		2,900	3,000	3,100	3,300
190	3,900	3,900	3,900		2,600	2,700	2,900	3,000
195	3,600	3,600	3,700		2,400	2,400	2,600	2,700
200					2,100	2,100	2,300	2,400
205					1,700	1,800	2,000	2,100
210					1,400	1,500	1,700	1,600
215					1,200	1,200	1,400	
Min Angle	0.0	0.0	0.0	0.0	22.5	23.5	23.5	17.0
Max Rad.	197.4	197.4	196.6	193.2	218.3	218.3	220.0	215.0
Capacity	3,600	3,600	3,600	3,700	0	0	0	0

1122050



Full



73 ft Hydraulic Offset Fly



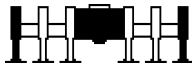
54,800 lbs



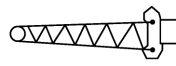
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,500	6,800	6,200	5,900	7,000	6,900	6,300	6,000
135	7,200	6,600	6,100	5,800	7,000	6,800	6,200	5,900
140	6,700	6,500	6,000	5,700	6,300	6,500	6,100	5,800
145	6,300	6,300	5,900	5,600	5,600	5,800	6,000	5,700
150	5,800	5,900	5,700	5,500	5,000	5,100	5,800	5,600
155	5,200	5,300	5,600	5,400	4,400	4,500	5,200	5,500
160	4,600	4,800	5,300	5,400	3,800	4,000	4,600	5,200
165	4,100	4,200	4,700	5,200	3,300	3,500	4,000	4,600
170	3,600	3,700	4,200	4,700	2,800	3,000	3,500	4,100
175	3,200	3,300	3,700	4,200	2,400	2,500	3,000	3,500
180	2,700	2,800	3,300	3,700	1,900	2,100	2,500	3,000
185	2,300	2,400	2,800	3,200	1,500	1,700	2,100	2,600
190	1,900	2,000	2,400	2,700	1,200	1,300	1,700	2,100
195	1,600	1,700	2,000	2,300			1,300	1,700
200	1,300	1,300	1,600	1,900				1,300
205			1,300	1,500				
210				1,200				
Min Angle	38.5	38.5	38.5	38.5	48.5	48.0	48.5	48.5
Max Rad.	203.8	205.0	210.0	212.5	191.7	193.6	198.8	203.8
Capacity	0	0	0	0	0	0	0	0

1122050

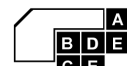
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1122060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



54,800 lbs



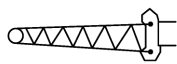
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,800	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,400	5,500	5,500	5,300
155	5,400	5,200	5,000	5,000	5,000	5,100	5,300	5,200
160	5,300	5,000	4,900	4,900	4,700	4,700	4,900	5,100
165	5,100	4,900	4,800	4,800	4,300	4,400	4,600	4,800
170	5,000	4,800	4,800	4,800	4,000	4,100	4,300	4,400
175	4,800	4,700	4,700		3,700	3,800	3,900	4,100
180	4,600	4,600	4,600		3,400	3,500	3,600	3,800
185					3,000	3,100	3,300	3,400
190					2,600	2,700	2,900	3,000
195					2,200	2,300	2,500	2,500
200					1,900	2,000	2,100	
205					1,600	1,700	1,800	
210					1,300	1,400	1,300	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	182.8	182.9	182.1	178.8	214.6	214.6	213.8	210.3
Capacity	4,600	4,600	4,600	4,700	1,100	1,100	1,200	1,200

1122060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	8,000	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	7,800	7,000	6,400	6,000
130	7,400	6,700	6,100	5,800	7,600	6,900	6,300	5,900
135	7,200	6,600	6,000	5,700	6,800	6,700	6,100	5,800
140	6,900	6,400	5,900	5,600	6,100	6,300	6,000	5,700
145	6,200	6,200	5,800	5,500	5,400	5,600	5,900	5,600
150	5,600	5,700	5,600	5,400	4,700	4,900	5,600	5,500
155	5,000	5,100	5,500	5,400	4,100	4,300	4,900	5,500
160	4,400	4,600	5,100	5,300	3,600	3,700	4,300	4,900
165	3,900	4,000	4,500	5,000	3,100	3,200	3,800	4,300
170	3,400	3,600	4,000	4,400	2,600	2,700	3,300	3,800
175	3,000	3,100	3,500	3,900	2,100	2,300	2,800	3,200
180	2,600	2,700	3,000	3,400	1,700	1,800	2,300	2,700
185	2,200	2,300	2,600	2,900	1,300	1,400	1,900	2,300
190	1,800	1,900	2,200	2,500			1,400	1,800
195	1,400	1,500	1,800	2,000			1,100	1,400
200	1,100	1,200	1,400	1,600				
205			1,100	1,200				
Min Angle	32.5	33.0	33.0	32.5	45.0	45.0	45.0	45.5
Max Rad.	201.7	202.5	206.3	207.0	188.3	190.0	196.1	200.0
Capacity	0	0	0	0	0	0	0	0

1122060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



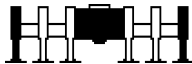
54,800 lbs



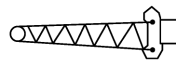
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1122070

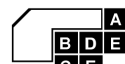
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



54,800 lbs



360°

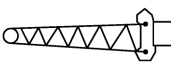


Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,900	3,000	3,200	3,500
180	3,400	3,200	3,200	3,200	2,700	2,700	2,900	3,200
185	3,200	3,100	3,000	3,000	2,400	2,400	2,700	2,900
190	3,100	3,000	2,900	2,900	2,100	2,200	2,400	2,600
195	3,000	2,900	2,900	2,900	1,900	1,900	2,100	2,300
200	2,800	2,800	2,800	2,800	1,700	1,700	1,900	2,000
205	2,500	2,600	2,600		1,400	1,500	1,600	1,800
210	2,300	2,400	2,400		1,200	1,300	1,400	1,500
215	2,200	2,200				1,100	1,200	1,300
Min Angle	0.0	0.0	0.0	0.0	35.0	35.0	35.5	36.0
Max Rad.	215.4	215.4	214.6	211.0	215.0	216.7	220.0	220.0
Capacity	2,200	2,200	2,200	2,300	0	0	0	0

1122070



Full



91 ft Hydraulic Offset Fly



54,800 lbs



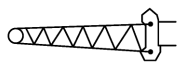
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	5,200	5,000	4,700	4,500
145	5,100	4,700	4,400	4,300	5,200	4,900	4,600	4,400
150	5,000	4,600	4,300	4,200	4,900	4,700	4,400	4,300
155	4,800	4,500	4,200	4,100	4,300	4,500	4,300	4,200
160	4,500	4,400	4,100	4,000	3,700	3,900	4,200	4,100
165	4,000	4,200	4,000	3,900	3,200	3,400	4,000	4,000
170	3,500	3,700	3,900	3,800	2,700	2,900	3,500	3,900
175	3,100	3,200	3,700	3,700	2,300	2,400	3,000	3,500
180	2,600	2,800	3,200	3,700	1,800	2,000	2,500	3,000
185	2,200	2,400	2,800	3,200	1,400	1,600	2,100	2,600
190	1,900	2,000	2,400	2,800	1,100	1,200	1,700	2,100
195	1,500	1,600	2,000	2,300			1,300	1,700
200	1,200	1,200	1,600	1,900				1,300
205			1,300	1,600				
210				1,200				
Min Angle	45.0	45.0	45.5	45.5	52.5	52.5	53.5	53.5
Max Rad.	202.5	203.3	208.8	212.5	190.9	192.5	198.3	203.8
Capacity	0	0	0	0	0	0	0	0

1122070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1122080



Full



91 ft Hydraulic Offset Fly



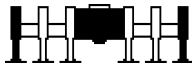
54,800 lbs



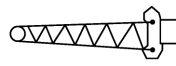
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,200	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,800	3,900	3,700	3,700
170	3,300	3,200	3,100	3,100	3,500	3,600	3,600	3,600
175	3,200	3,100	3,000	3,000	3,200	3,300	3,500	3,500
180	3,000	3,000	2,900	2,900	2,900	3,000	3,200	3,400
185	2,900	2,800	2,800	2,800	2,600	2,700	2,900	3,000
190	2,800	2,700	2,700		2,400	2,400	2,600	2,800
195	2,700	2,600	2,600		2,100	2,200	2,300	2,500
200	2,500	2,500			1,900	1,900	2,100	2,200
205					1,500	1,600	1,800	1,900
210					1,200	1,300	1,500	1,500
215							1,200	1,100
Min Angle	0.0	0.0	0.0	0.0	27.0	28.0	27.5	27.0
Max Rad.	200.8	200.9	200.0	196.6	215.0	215.0	218.3	216.0
Capacity	2,500	2,500	2,600	2,700	0	0	0	0

1122080

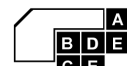
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,500	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	5,400	4,900	4,600	4,400
145	5,000	4,600	4,300	4,200	5,200	4,800	4,500	4,300
150	4,800	4,500	4,200	4,100	4,700	4,700	4,400	4,200
155	4,700	4,400	4,100	4,000	4,100	4,300	4,300	4,100
160	4,400	4,200	4,000	3,900	3,600	3,700	4,200	4,000
165	3,900	4,000	3,900	3,800	3,100	3,200	3,800	3,900
170	3,400	3,500	3,800	3,700	2,600	2,700	3,300	3,900
175	3,000	3,100	3,500	3,600	2,100	2,300	2,800	3,300
180	2,500	2,600	3,100	3,500	1,700	1,800	2,300	2,800
185	2,100	2,200	2,600	3,000	1,300	1,400	1,900	2,300
190	1,700	1,800	2,200	2,600			1,500	1,900
195	1,400	1,500	1,800	2,100			1,100	1,500
200		1,100	1,500	1,700				1,100
205			1,100	1,400				
Min Angle	41.0	41.0	41.0	41.0	50.0	50.0	50.5	50.5
Max Rad.	200.0	201.7	206.7	210.0	187.7	189.6	196.3	201.3
Capacity	0	0	0	0	0	0	0	0

1122080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



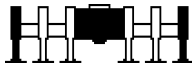
54,800 lbs



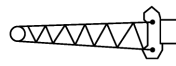
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1122090

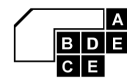
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



54,800 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,900	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,600	1,700	1,900	2,200
195	1,800	1,700	1,700	1,700	1,400	1,400	1,700	1,900
200	1,700	1,600	1,600	1,600	1,200	1,200	1,400	1,600
205	1,600	1,500	1,500	1,500			1,200	1,400
210	1,500	1,400	1,400	1,400				1,100
215	1,400	1,400	1,400	1,400				
220	1,300	1,300	1,300					
225	1,200	1,200	1,200					
230	1,000	1,000	1,100					
Min Angle	0.0	0.0	0.0	0.0	46.0	46.0	46.5	47.0
Max Rad.	233.4	233.4	232.5	228.9	203.3	205.0	210.0	212.5
Capacity	1,000	1,000	1,000	1,000	0	0	0	0

1122090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



54,800 lbs



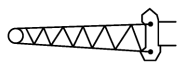
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,800	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	3,600	3,400	3,300	3,200
160	3,400	3,200	3,000	3,000	3,500	3,300	3,200	3,100
165	3,200	3,100	2,900	2,900	3,100	3,200	3,100	3,000
170	3,100	3,000	2,800	2,800	2,600	2,800	3,000	2,900
175	2,900	2,800	2,700	2,700	2,200	2,300	2,900	2,800
180	2,500	2,600	2,600	2,600	1,700	1,900	2,400	2,700
185	2,100	2,200	2,500	2,500	1,300	1,500	2,000	2,500
190	1,700	1,800	2,300	2,400			1,600	2,100
195	1,400	1,500	1,900	2,300			1,200	1,600
200		1,100	1,500	1,900				1,300
205			1,200	1,500				
210				1,200				
Min Angle	51.0	51.0	51.0	51.0	57.5	58.0	58.0	58.0
Max Rad.	200.0	201.7	207.5	212.5	188.8	189.5	197.2	203.8
Capacity	0	0	0	0	0	0	0	0

1122090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



54,800 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1122100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



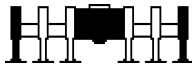
54,800 lbs



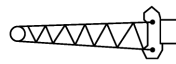
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,400	2,400	2,300	2,300
185	1,700	1,700	1,700	1,700	2,100	2,200	2,200	2,200
190	1,600	1,600	1,600	1,600	1,900	1,900	2,100	2,100
195	1,500	1,500	1,500	1,500	1,600	1,700	1,900	2,000
200	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,800
205	1,300	1,300	1,300		1,200	1,200	1,400	1,600
210	1,200	1,200	1,200				1,200	1,300
215	1,100	1,100	1,100					1,100
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.5
Max Rad.	218.8	218.8	218.0	214.4	210.0	210.0	215.0	216.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1122100

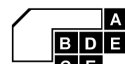
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



54,800 lbs



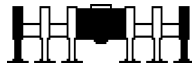
360°



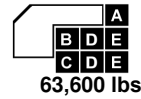
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,700	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	3,600	3,300	3,200	3,100
160	3,200	3,000	2,900	2,900	3,400	3,200	3,100	3,000
165	3,100	2,900	2,800	2,800	3,000	3,100	3,000	2,900
170	3,000	2,800	2,700	2,700	2,500	2,700	2,900	2,800
175	2,800	2,700	2,600	2,600	2,000	2,200	2,800	2,700
180	2,400	2,600	2,500	2,500	1,600	1,800	2,300	2,600
185	2,000	2,200	2,400	2,400	1,200	1,300	1,800	2,400
190	1,700	1,800	2,200	2,300			1,400	1,900
195	1,300	1,400	1,800	2,200				1,500
200		1,100	1,400	1,800				1,100
205			1,100	1,400				
Min Angle	46.5	46.5	47.0	47.5	54.0	54.5	55.0	55.0
Max Rad.	199.2	201.0	206.3	210.0	187.5	187.9	195.0	201.3
Capacity	0	0	0	0	0	0	0	0

1122100

Rated Lifting
Capacities in
Pounds



Full



63,600 lbs



360°

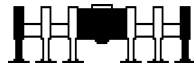
Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	209,400	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	179,500	135,200	182,200	181,300	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	143,700	118,800	146,800	145,900	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	119,000	106,000	122,000	121,100	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	97,700	95,900	101,600	100,500	62,300	87,200	94,700	99,000	57,700	55,800	80,800	82,500
35		86,100	85,200	84,100	56,400	78,800	85,700	84,700	52,100	50,500	73,000	74,400
40		71,800	70,700	69,500	51,500	71,700	72,300	70,300	47,600	46,000	66,500	67,700
45		59,600	58,600	57,400	46,800	61,900	60,100	58,200	43,600	42,200	61,000	60,100
50					42,600	52,600	51,000	49,100	40,300	39,000	53,200	51,000
55					39,100	45,500	43,900	42,000	37,400	36,200	46,100	43,900
60					36,200	39,700	38,100	36,300	34,900	33,500	40,300	38,200
65								31,700	32,700	31,000	35,600	33,500
70									30,800	28,900	31,700	29,700
75									29,100	27,000	28,300	26,300
80												23,500
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	32,900	32,000	30,000	28,000	25,900	25,200	24,400	22,000

1130010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	76,300	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	68,600	39,700	52,500	61,100	63,900	53,900	40,200	55,900	38,600	62,100	51,000	35,900	43,400
45	57,400	36,400	48,500	56,000	58,100	48,800	36,900	51,400	35,400	56,600	46,300	32,900	40,100
50	48,400	33,600	45,100	51,600	49,900	44,400	34,100	47,400	32,600	51,500	42,200	30,400	37,200
55	41,400	31,200	42,100	45,800	43,000	40,500	31,600	44,000	30,200	44,600	38,600	28,200	34,700
60	35,700	29,000	39,400	40,000	37,300	35,200	29,500	41,000	28,000	38,900	35,500	26,200	32,400
65	31,100	27,100	37,000	35,300	32,700	30,700	27,500	36,500	26,100	34,200	32,000	24,400	30,400
70	27,200	25,500	33,100	31,400	28,900	26,800	25,800	32,600	24,500	30,400	28,300	22,800	28,600
75	23,900	24,000	29,800	28,100	25,500	23,500	24,300	29,300	22,900	27,100	25,000	21,400	27,000
80	21,000	22,600	26,900	25,200	22,600	20,600	22,900	26,400	21,600	24,200	22,000	20,100	25,600
85		21,300	24,400	22,700	20,100	18,100	21,600	23,900	20,300	21,700	19,500	19,000	24,200
90		20,100	22,200	20,400	17,900	15,900	20,500	21,700	19,200	19,500	17,300	17,900	22,300
95				18,500	16,000	14,100	19,400	19,700	18,200	17,500	15,500	16,900	20,300
100							18,500	18,000	17,200	15,900	13,800	16,000	18,500
105							17,500	16,400	16,300	14,300	12,200	15,200	17,000
110										13,000	10,900	14,400	15,700
115												13,700	14,400
120												13,100	13,300
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	19,200	19,400	20,300	18,300	15,300	12,900	16,500	15,200	15,300	12,600	10,100	12,600	12,300

1130010

Rated Lifting
Capacities in
Pounds



Full

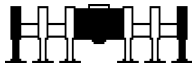


63,600 lbs

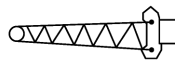


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	53,700	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	49,400	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	45,700	38,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	40,000	35,000	35,000	24,300	34,400	23,400	26,000	32,900	25,100	27,500	22,500
65	35,300	32,400	32,900	22,500	31,900	21,800	24,300	30,500	23,400	25,800	22,500
70	31,600	29,600	31,100	21,000	29,600	20,300	22,700	28,500	21,900	24,300	22,500
75	28,300	26,300	28,800	19,500	27,400	18,900	21,300	26,600	20,500	22,800	22,000
80	25,400	23,400	26,000	18,300	24,500	17,700	20,000	24,800	19,300	21,600	20,700
85	22,900	20,900	23,400	17,100	22,000	16,600	18,800	22,600	18,100	20,400	19,600
90	20,600	18,700	21,200	16,000	19,800	15,600	17,700	20,400	17,100	19,300	18,500
95	18,700	16,800	19,300	15,000	17,900	14,700	16,600	18,500	16,100	17,600	17,500
100	16,900	15,200	17,500	14,200	16,200	13,800	15,700	16,700	15,200	15,900	16,500
105	15,500	13,600	16,000	13,300	14,800	13,000	14,800	15,400	14,400	14,600	15,300
110	14,100	12,300	14,700	12,600	13,400	12,300	13,900	14,000	13,600	13,200	13,900
115	12,800	11,000	13,500	11,900	12,100	11,600	12,700	12,700	12,900	12,000	12,700
120	11,700	9,900	12,300	11,200	11,000	10,900	11,500	11,600	12,200	10,900	11,600
125	10,700	8,900	11,300	10,600	9,900	10,300	10,500	10,500	11,200	9,800	10,600
130			10,300	10,000	9,000	9,800	9,500	9,600	10,300	8,900	9,600
135			9,400	9,300	8,100	9,300	8,700	8,700	9,400	8,000	8,700
140			8,700	8,600	7,300	8,800	7,900	7,900	8,600	7,200	7,900
145						8,300	7,100	7,200	7,900	6,500	7,200
150						7,900	6,400	6,500	7,200	5,800	6,500
155						7,200	5,800	5,900	6,500	5,200	5,900
160									5,900	4,600	5,300
165									5,400	4,000	4,700
170									4,900	3,500	4,200
175											3,700
180											3,300
185											2,800
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	174.2	188.7
Capacity	10,400	8,300	8,500	8,300	7,000	7,100	5,700	5,600	4,800	3,100	2,600

1130010



Full



10 ft Hydraulic Offset Fly



63,600 lbs



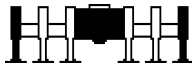
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	60,000	49,800	61,100	49,900	68,700	50,000	69,000	50,000	44,800	40,900	65,100	51,100
45			56,100	49,600	60,300	49,600	59,300	49,600	40,800	37,800	59,500	50,200
50			51,700	48,000	51,300	49,600	50,300	49,600	37,500	35,100	53,000	49,600
55			45,200	45,200	44,300	44,300	43,300	43,300	34,200	32,800	46,000	46,000
60									31,500	30,500	40,300	40,300
65									29,300	28,700	35,700	35,700
70									27,200	26,900	31,800	31,800
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	35,800	35,800	34,700	34,700	33,600	33,600	26,000	26,000	27,500	27,500

1133020

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	75,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	72,100	51,300	70,700	51,400	43,500	40,700	42,400	39,800	62,400	52,200	64,200	52,400
45	60,600	50,300	58,800	50,400	39,700	37,400	38,700	36,600	57,100	51,100	58,700	51,400
50	51,500	49,600	49,800	49,700	36,400	34,500	35,400	33,800	52,500	50,300	50,900	50,500
55	44,500	44,500	42,900	42,900	33,600	32,100	32,700	31,300	45,900	45,900	43,900	43,900
60	38,900	38,900	37,300	37,300	31,100	30,000	30,300	29,400	40,200	40,200	38,300	38,300
65	34,300	34,300	32,700	32,700	29,200	28,300	28,100	27,500	35,600	35,600	33,700	33,700
70	30,500	30,500	28,900	28,900	27,300	26,600	26,000	25,600	31,700	31,700	29,900	29,900
75			25,700	24,300	25,600	25,100	24,200	23,900	28,500	28,500	26,700	26,700
80					24,100	23,700	22,600	22,400	25,700	25,700	23,800	23,800
85					22,800	22,600	21,200	21,000	23,200	23,200	21,400	21,400
90											19,200	19,200
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	25,800	25,800	24,000	24,000	22,100	22,100	20,200	20,200	21,000	21,000	18,900	18,900

1133020

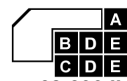
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	74,800	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	67,100	52,700	37,000	35,200	48,000	44,000	58,400	52,800	62,400	53,300	52,600	52,400
45	57,300	51,600	33,700	32,200	44,200	40,800	53,300	51,500	56,800	52,200	47,400	47,400
50	48,400	48,400	30,900	30,000	40,800	37,900	48,900	47,500	49,500	49,500	43,200	43,200
55	41,500	41,500	28,700	27,800	37,800	35,400	45,100	44,200	42,600	42,600	39,300	39,300
60	35,900	35,900	26,600	25,800	35,200	33,200	39,500	39,500	37,000	37,000	35,000	35,000
65	31,500	31,500	24,700	24,100	32,900	31,200	34,800	34,800	32,400	32,400	30,600	30,600
70	27,400	27,700	23,100	22,500	30,900	29,700	31,100	31,100	28,700	28,700	26,800	26,800
75	24,400	24,400	21,600	21,100	29,200	28,100	27,800	27,800	25,400	25,400	23,500	23,500
80	21,600	21,600	20,200	19,900	26,600	26,600	25,000	25,000	22,500	22,500	20,600	20,600
85	19,100	19,100	19,000	18,800	24,100	24,100	22,500	22,500	20,100	20,100	18,200	18,200
90	17,000	17,000	17,900	17,800	21,900	21,900	20,300	20,300	17,900	17,900	16,100	16,100
95			16,800	16,700	20,000	20,000	18,400	18,400	16,100	16,100	14,300	14,300
100			15,800	15,800	18,300	18,300	16,700	16,700	14,500	14,500	12,600	12,600
105							15,300	15,300	13,000	13,000	11,200	11,200
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	16,400	16,400	15,300	15,300	17,200	17,200	15,300	15,300	12,500	12,500	10,400	10,400

1133030

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



63,600 lbs

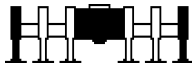


360°

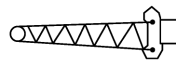
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	55,100	52,200	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	50,300	50,300	41,000	41,000	28,700	28,100
55	29,600	28,800	41,600	38,200	28,300	27,700	43,800	43,800	37,400	37,400	26,500	25,900
60	27,500	26,800	38,800	36,000	26,200	25,600	38,200	38,200	34,300	34,300	24,500	24,000
65	25,500	25,000	35,700	34,000	24,300	23,800	33,600	33,600	31,500	31,500	22,700	22,400
70	23,800	23,400	31,900	31,900	22,600	22,200	29,800	29,800	27,700	27,700	21,100	20,800
75	22,200	21,900	28,700	28,700	21,100	20,800	26,600	26,600	24,500	24,500	19,700	19,500
80	20,900	20,600	25,900	25,900	19,700	19,500	23,700	23,700	21,600	21,600	18,400	18,200
85	19,600	19,400	23,300	23,300	18,500	18,300	21,200	21,200	19,100	19,100	17,200	17,100
90	18,500	18,300	21,100	21,100	17,300	17,200	19,000	19,000	17,000	17,000	16,200	16,100
95	17,400	17,300	19,200	19,200	16,300	16,200	17,100	17,100	15,200	15,200	15,200	15,100
100	16,500	16,400	17,500	17,500	15,400	15,300	15,600	15,600	13,600	13,600	14,500	14,400
105	15,600	15,500	16,000	16,000	14,600	14,600	14,100	14,100	12,100	12,100	13,600	13,600
110	14,900	14,900	14,700	14,700	13,700	13,700	12,700	12,700	10,700	10,700	12,900	12,800
115	14,200	14,200	13,500	13,500	12,900	12,900	11,500	11,500	9,600	9,600	12,200	12,200
120							10,400	10,400	8,500	8,500	11,500	11,500
125											10,900	10,900
130											10,300	10,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	13,700	13,700	12,500	12,500	12,200	12,200	10,200	10,200	7,900	7,900	9,800	9,800

1133020

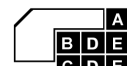
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



63,600 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	46,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	44,200	40,400	36,700	36,700	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	39,100	38,200	33,700	33,700	32,600	31,000	22,800	22,600	33,000	33,000
65	28,200	27,300	34,400	34,400	31,000	31,000	30,600	29,300	21,000	20,900	30,400	30,400
70	26,400	25,600	30,700	30,700	28,800	28,800	28,800	27,700	19,500	19,400	28,400	28,400
75	24,800	24,100	27,400	27,400	25,600	25,600	27,200	26,100	18,000	18,000	26,400	26,400
80	23,400	22,800	24,600	24,600	22,700	22,700	25,000	24,800	16,800	16,800	23,600	23,600
85	22,000	21,500	22,100	22,100	20,200	20,200	22,500	22,500	15,600	15,600	21,100	21,100
90	20,800	20,400	19,900	19,900	18,100	18,100	20,300	20,300	14,700	14,700	19,000	19,000
95	19,500	19,400	18,000	18,000	16,200	16,200	18,400	18,400	13,700	13,700	17,000	17,000
100	17,800	17,800	16,300	16,300	14,600	14,600	16,700	16,700	12,800	12,800	15,500	15,500
105	16,300	16,300	14,900	14,900	13,100	13,100	15,300	15,300	11,900	11,900	14,000	14,000
110	15,000	15,000	13,500	13,500	11,800	11,800	13,900	13,900	11,200	11,200	12,600	12,600
115	13,800	13,800	12,300	12,300	10,600	10,600	12,700	12,700	10,500	10,500	11,400	11,400
120	12,700	12,700	11,200	11,200	9,500	9,500	11,600	11,600	9,800	9,800	10,300	10,300
125	11,700	11,700	10,200	10,200	8,500	8,500	10,600	10,600	9,200	9,200	9,300	9,300
130	10,800	10,800	9,300	9,300	7,600	7,600	9,600	9,600	8,600	8,600	8,400	8,400
135			8,500	8,500	6,800	6,800	8,800	8,800	8,100	8,100	7,500	7,500
140							8,000	8,000	7,600	7,600	6,800	6,800
145							7,300	7,300	7,100	7,100	6,100	6,100
150							6,700	6,700	6,600	6,600	5,400	5,400
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	10,000	10,000	8,300	8,300	6,400	6,400	6,500	6,500	6,400	6,400	5,200	5,200

1133020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



63,600 lbs

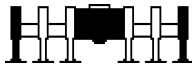


360°

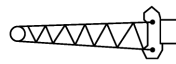
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	29,300	29,300	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	27,200	27,200	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	25,300	25,300	19,000	18,800	21,200	20,800	19,600	19,600
80	16,200	16,200	18,400	18,200	23,600	23,600	17,700	17,600	19,900	19,600	19,100	18,900
85	15,100	15,100	17,200	17,100	21,600	21,600	16,600	16,500	18,700	18,400	18,000	17,800
90	14,300	14,300	16,100	16,000	19,400	19,400	15,500	15,500	17,600	17,400	16,900	16,700
95	13,300	13,300	15,100	15,000	17,500	17,500	14,700	14,700	16,600	16,400	15,900	15,800
100	12,400	12,400	14,200	14,200	15,800	15,800	13,800	13,800	15,100	15,100	15,000	15,000
105	11,600	11,600	13,300	13,300	14,400	14,400	12,900	12,900	13,600	13,600	14,200	14,100
110	10,900	10,900	12,600	12,600	13,100	13,100	12,200	12,200	12,200	12,200	12,900	12,900
115	10,200	10,200	11,800	11,800	11,800	11,800	11,500	11,500	11,000	11,000	11,600	11,600
120	9,500	9,500	10,700	10,700	10,700	10,700	10,800	10,800	9,900	9,900	10,500	10,500
125	8,900	8,900	9,700	9,700	9,700	9,700	10,200	10,200	8,900	8,900	9,500	9,500
130	8,400	8,400	8,800	8,800	8,800	8,800	9,300	9,300	8,000	8,000	8,600	8,600
135	7,900	7,900	7,900	7,900	7,900	7,900	8,500	8,500	7,100	7,100	7,700	7,700
140	7,400	7,400	7,100	7,100	7,200	7,200	7,700	7,700	6,400	6,400	6,900	6,900
145	6,900	6,900	6,400	6,400	6,400	6,400	7,000	7,000	5,600	5,600	6,200	6,200
150	6,500	6,500	5,700	5,700	5,800	5,800	6,300	6,300	5,000	5,000	5,500	5,500
155	6,100	6,100	5,100	5,100	5,200	5,200	5,700	5,700	4,300	4,300	4,900	4,900
160	5,700	5,700	4,600	4,600	4,600	4,600	5,100	5,100	3,800	3,800	4,300	4,300
165	5,400	5,300	4,100	4,000	4,100	4,100	4,600	4,600	3,200	3,200	3,800	3,800
170							4,100	4,100	2,700	2,700	3,300	3,300
175							3,600	3,600	2,300	2,300	2,800	2,800
180							3,200	3,200	1,900	1,900	2,400	2,400
185											2,000	2,000
190											1,600	1,600
195											1,200	1,200
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	181.5	181.5	184.2	184.2	198.8	198.8
Capacity	5,300	5,300	3,900	3,900	3,900	3,900	3,100	3,100	1,600	1,600	1,000	1,000

1133010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,200	11,200	11,200	
125									10,600	10,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,600	10,600	10,600	10,900

1132010



Full



32.5 ft Hydraulic Offset Fly



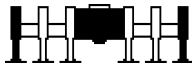
63,600 lbs



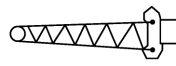
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,300	10,400	10,400	10,400	8,700	8,800	8,900	9,000
125	9,800	9,800	9,800	9,800	8,100	8,200	8,300	8,400
130	9,200	9,200	9,300	9,300	7,600	7,600	7,800	7,900
135	8,700	8,700	8,800	8,800	7,100	7,100	7,300	7,400
140	8,200	8,200	8,300	8,300	6,600	6,700	6,800	6,900
145	7,800	7,800	7,800		6,200	6,200	6,300	6,400
150	7,300	7,300	7,300		5,800	5,800	5,900	6,000
155	6,900	6,900	6,900		5,400	5,400	5,500	5,600
160					5,000	5,000	5,100	5,200
165					4,600	4,700	4,700	4,800
170					4,300	4,300	4,400	4,400
175					4,000	4,000	4,100	
180					3,700	3,700	3,800	
185					3,400	3,400	3,400	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	6,800	6,800	6,800	7,000	3,300	3,300	3,300	3,400

1132010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	12,700	12,700	13,100	13,600
105	11,800	11,800	11,900	12,000	12,700	12,700	12,800	12,800
110	11,100	11,100	11,200	11,300	12,100	12,100	12,100	12,100
115	10,400	10,400	10,500	10,600	11,400	11,400	11,500	11,500
120	9,800	9,800	9,900	10,000	10,700	10,800	10,800	10,800
125	9,200	9,200	9,300	9,400	9,700	9,800	10,200	10,200
130	8,600	8,600	8,700	8,800	8,700	8,900	9,300	9,700
135	8,100	8,100	8,200	8,300	7,900	8,000	8,400	8,900
140	7,600	7,600	7,700	7,800	7,100	7,200	7,600	8,000
145	7,100	7,100	7,200	7,300	6,400	6,500	6,800	7,200
150	6,500	6,500	6,800	6,900	5,700	5,800	6,100	6,500
155	5,800	5,900	6,200	6,400	5,000	5,100	5,500	5,800
160	5,200	5,300	5,600	5,800	4,500	4,500	4,900	5,200
165	4,700	4,800	5,000	5,200	3,900	4,000	4,300	4,500
170	4,200	4,200	4,500	4,600	3,400	3,500	3,700	4,000
175	3,700	3,800	3,900	4,100	2,900	3,000	3,200	3,400
180	3,300	3,300	3,500	3,600	2,500	2,500	2,800	2,900
185	2,800	2,900	3,000	3,000	2,000	2,100	2,300	2,500
190	2,400	2,500	2,600		1,600	1,700	1,900	2,000
195	2,100	2,100	2,200		1,300	1,300	1,500	1,600
200	1,700	1,800	1,700				1,100	1,100
Min Angle	0.0	0.0	0.0	0.0	31.0	31.0	30.5	31.0
Max Rad.	204.0	204.1	203.7	201.6	198.6	199.4	201.3	201.3
Capacity	1,500	1,500	1,500	1,600	0	0	0	0

1132010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



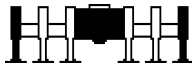
63,600 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,500	15,400	15,400	15,400
105									14,600	14,600	14,500	
110									13,800	13,800	13,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	13,700	13,600	13,700	14,200

1132020

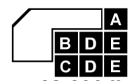
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



63,600 lbs

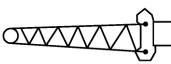


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,200	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	12,400	12,400	12,400	12,400	10,300	10,400	10,500	10,600
115	11,700	11,700	11,700	11,700	9,600	9,700	9,800	9,900
120	11,100	11,100	11,100	11,100	9,000	9,000	9,200	9,300
125	10,400	10,400	10,500	10,500	8,400	8,500	8,600	8,700
130	9,800	9,800	9,800	9,800	7,900	7,900	8,000	8,100
135	9,200	9,200	9,300		7,400	7,400	7,500	7,600
140	8,700	8,700	8,700		6,900	6,900	7,000	7,100
145					6,400	6,400	6,500	6,600
150					6,000	6,000	6,100	6,200
155					5,600	5,600	5,700	5,700
160					5,200	5,200	5,300	5,300
165					4,900	4,900	4,900	
170					4,500	4,500	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	8,500	8,500	8,600	8,700	4,300	4,300	4,400	4,400

1132020



Full



32.5 ft Hydraulic Offset Fly



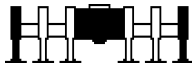
63,600 lbs



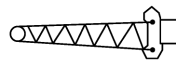
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	15,700	15,700	15,700	15,600
95	13,900	13,900	13,900	13,900	15,000	14,900	14,800	14,800
100	13,000	13,000	13,100	13,100	14,100	14,100	14,000	14,000
105	12,200	12,200	12,300	12,300	13,300	13,300	13,200	13,200
110	11,400	11,500	11,500	11,600	12,600	12,500	12,500	12,500
115	10,700	10,800	10,800	10,900	11,400	11,500	11,800	11,800
120	10,100	10,100	10,200	10,300	10,300	10,400	10,900	11,200
125	9,500	9,500	9,600	9,700	9,200	9,400	9,900	10,400
130	8,900	8,900	9,000	9,100	8,300	8,400	8,900	9,400
135	8,300	8,400	8,500	8,500	7,400	7,600	8,000	8,400
140	7,500	7,600	7,900	8,000	6,700	6,800	7,200	7,600
145	6,800	6,800	7,200	7,400	5,900	6,000	6,400	6,800
150	6,100	6,200	6,400	6,700	5,300	5,300	5,700	6,000
155	5,400	5,500	5,800	6,000	4,600	4,700	5,000	5,300
160	4,900	4,900	5,200	5,300	4,000	4,100	4,400	4,700
165	4,300	4,400	4,600	4,700	3,500	3,600	3,800	4,100
170	3,800	3,900	4,000	4,100	3,000	3,100	3,300	3,500
175	3,300	3,400	3,500		2,500	2,600	2,800	3,000
180	2,900	2,900	3,000		2,100	2,100	2,300	2,400
185	2,500	2,500	2,500		1,600	1,700	1,900	1,900
190					1,300	1,300	1,400	1,400
Min Angle	0.0	0.0	0.0	0.0	25.0	25.0	25.5	25.0
Max Rad.	189.0	189.1	188.7	186.6	192.9	193.5	195.0	193.8
Capacity	2,200	2,200	2,300	2,300	0	0	0	0

1132020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1132030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



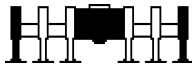
63,600 lbs



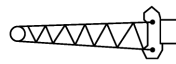
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	8,000	8,000	7,700	7,400	6,600	6,600	6,800	7,100
145	7,500	7,600	7,600	7,400	6,100	6,200	6,400	6,600
150	7,200	7,200	7,200	7,300	5,700	5,800	6,000	6,200
155	6,700	6,800	6,900	6,900	5,300	5,400	5,600	5,800
160	6,400	6,400	6,500	6,500	5,000	5,000	5,200	5,400
165	6,000	6,000	6,100	6,100	4,600	4,700	4,800	5,000
170	5,700	5,700	5,700		4,300	4,300	4,500	4,700
175	5,400	5,400	5,400		4,000	4,000	4,200	4,300
180					3,700	3,700	3,900	4,000
185					3,400	3,500	3,600	3,700
190					3,200	3,200	3,300	3,300
195					2,900	3,000	3,000	3,000
200					2,700	2,700	2,800	
205					2,500	2,500	2,500	
210					2,300	2,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	179.4	179.4	178.7	175.4	211.1	211.2	210.4	206.9
Capacity	5,100	5,200	5,200	5,400	2,300	2,300	2,300	2,400

1132030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	10,100	9,600	8,500	7,900	9,200	9,200	8,600	7,900
120	9,500	9,400	8,400	7,800	9,200	9,200	8,500	7,900
125	8,900	8,900	8,300	7,700	9,200	9,200	8,400	7,800
130	8,400	8,400	8,200	7,700	9,200	9,200	8,300	7,700
135	7,800	7,900	8,100	7,600	8,500	8,700	8,200	7,700
140	7,400	7,400	7,600	7,500	7,700	7,900	8,200	7,600
145	6,900	7,000	7,100	7,300	7,000	7,200	7,900	7,500
150	6,500	6,500	6,700	6,900	6,300	6,500	7,100	7,500
155	6,100	6,100	6,300	6,500	5,700	5,800	6,400	7,100
160	5,700	5,800	5,900	6,100	5,100	5,200	5,800	6,400
165	5,300	5,400	5,600	5,700	4,500	4,700	5,200	5,700
170	4,800	4,900	5,200	5,400	4,000	4,100	4,600	5,100
175	4,300	4,400	4,800	5,000	3,500	3,700	4,100	4,600
180	3,900	4,000	4,300	4,700	3,100	3,200	3,600	4,000
185	3,400	3,500	3,900	4,200	2,600	2,800	3,200	3,500
190	3,000	3,100	3,400	3,700	2,200	2,300	2,700	3,100
195	2,600	2,700	3,000	3,200	1,900	2,000	2,300	2,600
200	2,300	2,400	2,600	2,700	1,500	1,600	1,900	2,200
205	2,000	2,000	2,200	2,200	1,200	1,200	1,500	1,800
210	1,600	1,700	1,900	1,800			1,200	1,400
215	1,300	1,400	1,500					
220	1,100	1,100						
Min Angle	16.0	17.0	19.5	14.5	36.5	37.0	37.0	36.5
Max Rad.	221.7	221.7	220.0	212.3	207.5	208.3	212.5	215.0
Capacity	0	0	0	0	0	0	0	0

1132030

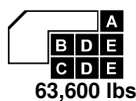
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



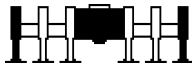
63,600 lbs



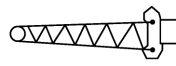
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1132040

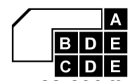
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



63,600 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,800	7,900	8,000	7,500
135	8,600	8,000	7,600	7,400	7,300	7,400	7,600	7,500
140	8,400	7,900	7,500	7,400	6,800	6,900	7,100	7,300
145	8,000	7,800	7,500	7,400	6,400	6,400	6,600	6,800
150	7,600	7,600	7,500	7,400	6,000	6,000	6,200	6,400
155	7,200	7,200	7,300		5,600	5,600	5,800	6,000
160	6,800	6,800	6,800		5,200	5,300	5,400	5,600
165					4,900	4,900	5,100	5,200
170					4,500	4,600	4,700	4,800
175					4,200	4,300	4,400	4,400
180					3,900	4,000	4,100	4,100
185					3,700	3,700	3,800	
190					3,400	3,400	3,500	
195					3,200	3,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	6,500	6,500	6,600	6,800	3,200	3,200	3,200	3,300

1132040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



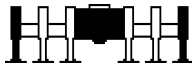
63,600 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	11,300	10,000	8,800	8,000
110	11,000	9,700	8,600	7,900	11,200	9,800	8,700	7,900
115	10,400	9,500	8,400	7,800	11,000	9,700	8,600	7,900
120	9,800	9,300	8,300	7,800	10,700	9,500	8,500	7,800
125	9,200	9,200	8,200	7,700	10,000	9,400	8,400	7,800
130	8,700	8,700	8,100	7,600	9,100	9,200	8,300	7,700
135	8,200	8,200	8,100	7,600	8,200	8,400	8,200	7,600
140	7,700	7,700	7,900	7,500	7,400	7,600	8,100	7,600
145	7,200	7,300	7,400	7,500	6,700	6,900	7,500	7,500
150	6,800	6,800	7,000	7,100	6,000	6,200	6,800	7,500
155	6,200	6,400	6,600	6,700	5,400	5,500	6,100	6,700
160	5,600	5,800	6,200	6,300	4,800	4,900	5,500	6,000
165	5,100	5,200	5,600	5,900	4,200	4,400	4,900	5,400
170	4,600	4,700	5,100	5,400	3,700	3,800	4,300	4,800
175	4,100	4,200	4,500	4,800	3,200	3,400	3,800	4,200
180	3,600	3,700	4,000	4,300	2,800	2,900	3,300	3,700
185	3,200	3,300	3,600	3,700	2,300	2,500	2,800	3,200
190	2,800	2,900	3,100	3,200	1,900	2,000	2,400	2,700
195	2,400	2,500	2,700	2,600	1,600	1,700	2,000	2,200
200	2,100	2,100	2,300		1,200	1,300	1,600	1,800
205	1,700	1,800	1,800				1,200	1,300
210	1,500	1,500						
Min Angle	0.0	0.0	0.0	0.0	32.0	32.5	32.5	32.0
Max Rad.	211.5	211.6	210.7	207.2	203.0	204.3	207.5	208.0
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

1132040

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1132050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



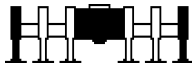
63,600 lbs



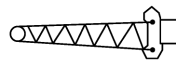
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,800	4,800	5,100	5,300
160	5,600	5,300	5,100	5,100	4,400	4,500	4,700	4,900
165	5,300	5,200	5,000	5,000	4,100	4,100	4,400	4,600
170	5,000	5,000	4,900	4,900	3,800	3,800	4,000	4,200
175	4,700	4,700	4,800	4,800	3,500	3,500	3,700	3,900
180	4,400	4,400	4,500	4,500	3,200	3,200	3,400	3,600
185	4,100	4,100	4,200		2,900	3,000	3,100	3,300
190	3,900	3,900	3,900		2,600	2,700	2,900	3,000
195	3,600	3,600	3,700		2,400	2,400	2,600	2,700
200					2,200	2,200	2,300	2,400
205					1,900	2,000	2,100	2,100
210					1,700	1,800	1,900	1,900
215					1,500	1,600	1,600	
220					1,400	1,400	1,400	
225					1,200	1,200	1,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	197.4	197.4	196.6	193.2	229.1	229.2	228.3	224.7
Capacity	3,600	3,600	3,600	3,700	1,100	1,100	1,100	1,200

1132050

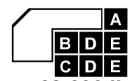
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,500	6,800	6,200	5,900	7,000	6,900	6,300	6,000
135	7,200	6,600	6,100	5,800	7,000	6,800	6,200	5,900
140	6,700	6,500	6,000	5,700	7,000	6,600	6,100	5,800
145	6,300	6,300	5,900	5,600	7,000	6,500	6,000	5,700
150	5,900	5,900	5,700	5,500	6,300	6,400	5,800	5,600
155	5,500	5,500	5,600	5,400	5,700	5,800	5,800	5,500
160	5,100	5,200	5,400	5,400	5,100	5,200	5,700	5,400
165	4,800	4,800	5,000	5,200	4,500	4,600	5,200	5,400
170	4,400	4,500	4,700	4,900	4,000	4,100	4,700	5,200
175	4,100	4,200	4,300	4,500	3,500	3,600	4,100	4,600
180	3,800	3,900	4,000	4,200	3,000	3,200	3,600	4,100
185	3,400	3,500	3,700	3,900	2,600	2,700	3,200	3,600
190	3,000	3,100	3,400	3,600	2,200	2,300	2,700	3,100
195	2,600	2,700	3,000	3,300	1,800	1,900	2,300	2,700
200	2,200	2,300	2,600	2,900	1,400	1,500	1,900	2,300
205	1,900	2,000	2,200	2,500	1,100	1,200	1,500	1,900
210	1,600	1,600	1,900	2,100			1,200	1,500
215	1,300	1,300	1,500	1,700				1,100
220			1,200	1,300				
Min Angle	31.5	32.0	32.0	31.0	43.5	43.5	44.0	44.5
Max Rad.	220.0	220.0	223.3	223.8	206.7	208.3	212.5	216.3
Capacity	0	0	0	0	0	0	0	0

1132050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



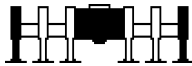
63,600 lbs



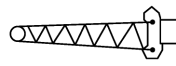
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1132060

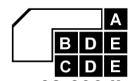
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



63,600 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,800	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,400	5,500	5,500	5,300
155	5,400	5,200	5,000	5,000	5,000	5,100	5,300	5,200
160	5,300	5,000	4,900	4,900	4,700	4,700	4,900	5,100
165	5,100	4,900	4,800	4,800	4,300	4,400	4,600	4,800
170	5,000	4,800	4,800	4,800	4,000	4,100	4,300	4,400
175	4,800	4,700	4,700		3,700	3,800	3,900	4,100
180	4,600	4,600	4,600		3,400	3,500	3,600	3,800
185					3,100	3,200	3,300	3,400
190					2,900	2,900	3,100	3,100
195					2,600	2,700	2,800	2,800
200					2,400	2,400	2,500	
205					2,200	2,200	2,300	
210					2,000	2,000	2,000	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	182.8	182.9	182.1	178.8	214.6	214.6	213.8	210.3
Capacity	4,600	4,600	4,600	4,700	1,900	1,900	1,900	2,000

1132060



Full



73 ft Hydraulic Offset Fly



63,600 lbs



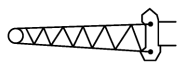
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	8,000	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	7,800	7,000	6,400	6,000
130	7,400	6,700	6,100	5,800	7,700	6,900	6,300	5,900
135	7,200	6,600	6,000	5,700	7,500	6,700	6,100	5,800
140	7,000	6,400	5,900	5,600	7,300	6,600	6,000	5,700
145	6,600	6,200	5,800	5,500	6,700	6,400	5,900	5,600
150	6,200	6,100	5,600	5,400	6,100	6,200	5,800	5,500
155	5,800	5,800	5,500	5,400	5,400	5,600	5,700	5,500
160	5,400	5,400	5,400	5,300	4,800	5,000	5,600	5,400
165	5,000	5,100	5,300	5,200	4,300	4,400	5,000	5,300
170	4,600	4,700	4,900	5,100	3,700	3,900	4,400	4,900
175	4,100	4,200	4,600	4,700	3,300	3,400	3,900	4,400
180	3,600	3,800	4,100	4,400	2,800	2,900	3,400	3,800
185	3,200	3,300	3,700	4,000	2,400	2,500	2,900	3,300
190	2,800	2,900	3,200	3,500	2,000	2,100	2,500	2,800
195	2,400	2,500	2,800	3,000	1,600	1,700	2,100	2,400
200	2,100	2,100	2,400	2,600	1,200	1,300	1,700	2,000
205	1,700	1,800	2,000	2,100			1,300	1,600
210	1,400	1,500	1,700	1,600				1,200
215	1,100	1,200	1,300					
Min Angle	23.5	23.5	23.5	25.0	40.0	40.0	40.0	40.0
Max Rad.	216.7	218.3	220.0	215.0	203.0	204.6	208.8	212.5
Capacity	0	0	0	0	0	0	0	0

1132060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



63,600 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1132070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



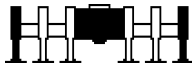
63,600 lbs



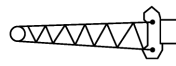
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,900	3,000	3,200	3,500
180	3,400	3,200	3,200	3,200	2,700	2,700	2,900	3,200
185	3,200	3,100	3,000	3,000	2,400	2,400	2,700	2,900
190	3,100	3,000	2,900	2,900	2,100	2,200	2,400	2,600
195	3,000	2,900	2,900	2,900	1,900	1,900	2,100	2,300
200	2,800	2,800	2,800	2,800	1,700	1,700	1,900	2,000
205	2,500	2,600	2,600		1,400	1,500	1,600	1,800
210	2,300	2,400	2,400		1,200	1,300	1,400	1,500
215	2,200	2,200				1,100	1,200	1,300
Min Angle	0.0	0.0	0.0	0.0	35.0	34.5	35.5	36.0
Max Rad.	215.4	215.4	214.6	211.0	215.0	217.5	220.0	220.0
Capacity	2,200	2,200	2,200	2,300	0	0	0	0

1132070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



63,600 lbs



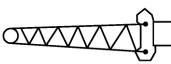
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	5,200	5,000	4,700	4,500
145	5,100	4,700	4,400	4,300	5,200	4,900	4,600	4,400
150	5,000	4,600	4,300	4,200	5,100	4,700	4,400	4,300
155	4,800	4,500	4,200	4,100	5,000	4,600	4,300	4,200
160	4,500	4,400	4,100	4,000	4,900	4,500	4,200	4,100
165	4,200	4,200	4,000	3,900	4,400	4,400	4,100	4,000
170	3,800	3,900	3,900	3,800	3,900	4,000	4,000	3,900
175	3,500	3,600	3,800	3,700	3,400	3,500	3,900	3,900
180	3,200	3,300	3,500	3,700	2,900	3,100	3,600	3,800
185	2,900	3,000	3,200	3,400	2,500	2,600	3,100	3,600
190	2,700	2,700	2,900	3,100	2,100	2,200	2,700	3,100
195	2,400	2,500	2,700	2,800	1,700	1,800	2,300	2,700
200	2,100	2,200	2,400	2,600	1,300	1,500	1,900	2,300
205	1,800	1,900	2,200	2,300		1,100	1,500	1,900
210	1,400	1,500	1,800	2,100			1,100	1,500
215	1,100	1,200	1,500	1,800				1,100
220			1,200	1,400				
225				1,100				
Min Angle	40.5	40.0	40.0	40.0	49.5	49.5	50.0	50.0
Max Rad.	216.7	218.3	223.3	226.3	205.0	206.7	211.7	216.7
Capacity	0	0	0	0	0	0	0	0

1132070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



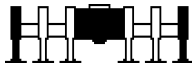
63,600 lbs



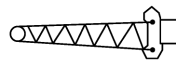
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1132080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,200	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,800	3,900	3,700	3,700
170	3,300	3,200	3,100	3,100	3,500	3,600	3,600	3,600
175	3,200	3,100	3,000	3,000	3,200	3,300	3,500	3,500
180	3,000	3,000	2,900	2,900	2,900	3,000	3,200	3,400
185	2,900	2,800	2,800	2,800	2,600	2,700	2,900	3,000
190	2,800	2,700	2,700		2,400	2,400	2,600	2,800
195	2,700	2,600	2,600		2,100	2,200	2,300	2,500
200	2,500	2,500			1,900	1,900	2,100	2,200
205					1,700	1,700	1,900	1,900
210					1,500	1,500	1,600	1,600
215					1,300	1,300	1,400	1,400
220					1,100	1,100	1,200	
Min Angle	0.0	0.0	0.0	0.0	22.0	22.5	21.0	16.5
Max Rad.	200.8	200.9	200.0	196.6	222.5	222.5	225.0	218.4
Capacity	2,500	2,500	2,600	2,700	0	0	0	0

1132080



Full



91 ft Hydraulic Offset Fly



63,600 lbs



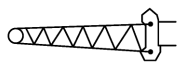
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,500	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	5,400	4,900	4,600	4,400
145	5,000	4,600	4,300	4,200	5,200	4,800	4,500	4,300
150	4,800	4,500	4,200	4,100	5,100	4,700	4,400	4,200
155	4,700	4,400	4,100	4,000	4,900	4,500	4,300	4,100
160	4,500	4,200	4,000	3,900	4,800	4,400	4,200	4,000
165	4,400	4,100	3,900	3,800	4,200	4,300	4,000	3,900
170	4,100	4,000	3,800	3,700	3,700	3,900	3,900	3,900
175	3,800	3,800	3,700	3,600	3,200	3,400	3,800	3,800
180	3,500	3,500	3,600	3,500	2,800	2,900	3,400	3,700
185	3,200	3,300	3,400	3,500	2,300	2,500	2,900	3,400
190	2,800	2,900	3,200	3,300	1,900	2,000	2,500	2,900
195	2,400	2,500	2,800	3,100	1,500	1,700	2,100	2,500
200	2,000	2,100	2,400	2,700	1,200	1,300	1,700	2,000
205	1,700	1,800	2,100	2,300			1,300	1,600
210	1,300	1,400	1,700	1,900				1,200
215		1,100	1,400	1,500				
220				1,100				
Min Angle	35.0	34.5	35.5	35.0	46.0	46.0	46.5	46.5
Max Rad.	215.0	216.7	220.0	221.3	202.0	203.8	208.8	213.3
Capacity	0	0	0	0	0	0	0	0

1132080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1132090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



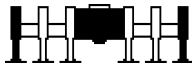
63,600 lbs



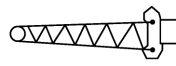
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,900	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,600	1,700	1,900	2,200
195	1,800	1,700	1,700	1,700	1,400	1,400	1,700	1,900
200	1,700	1,600	1,600	1,600	1,200	1,200	1,400	1,600
205	1,600	1,500	1,500	1,500			1,200	1,400
210	1,500	1,400	1,400	1,400				1,100
215	1,400	1,400	1,400	1,400				
220	1,300	1,300	1,300					
225	1,200	1,200	1,200					
230	1,000	1,000	1,100					
Min Angle	0.0	0.0	0.0	0.0	46.0	46.0	46.5	47.0
Max Rad.	233.4	233.4	232.5	228.9	203.3	205.0	210.0	212.5
Capacity	1,000	1,000	1,000	1,000	0	0	0	0

1132090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,800	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	3,600	3,400	3,300	3,200
160	3,400	3,200	3,000	3,000	3,500	3,300	3,200	3,100
165	3,200	3,100	2,900	2,900	3,400	3,200	3,100	3,000
170	3,100	3,000	2,800	2,800	3,300	3,100	3,000	2,900
175	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
180	2,700	2,700	2,600	2,600	2,800	2,900	2,800	2,700
185	2,400	2,500	2,500	2,500	2,400	2,500	2,700	2,600
190	2,100	2,200	2,400	2,400	2,000	2,100	2,600	2,600
195	1,900	1,900	2,200	2,300	1,600	1,700	2,200	2,500
200	1,600	1,700	1,900	2,100	1,200	1,300	1,800	2,200
205	1,400	1,500	1,700	1,900			1,400	1,800
210	1,200	1,200	1,400	1,600				1,400
215			1,200	1,400				1,100
220				1,200				
Min Angle	47.0	47.5	48.0	48.0	54.0	54.0	54.5	54.5
Max Rad.	215.0	215.0	220.0	223.3	203.3	205.0	210.0	216.3
Capacity	0	0	0	0	0	0	0	0

1132090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



63,600 lbs



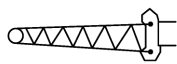
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1132100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



63,600 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,400	2,400	2,300	2,300
185	1,700	1,700	1,700	1,700	2,100	2,200	2,200	2,200
190	1,600	1,600	1,600	1,600	1,900	1,900	2,100	2,100
195	1,500	1,500	1,500	1,500	1,600	1,700	1,900	2,000
200	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,800
205	1,300	1,300	1,300		1,200	1,200	1,400	1,600
210	1,200	1,200	1,200				1,200	1,300
215	1,100	1,100	1,100					1,100
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.5
Max Rad.	218.8	218.8	218.0	214.4	210.0	210.0	215.0	216.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1132100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,700	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	3,600	3,300	3,200	3,100
160	3,200	3,000	2,900	2,900	3,400	3,200	3,100	3,000
165	3,100	2,900	2,800	2,800	3,300	3,100	3,000	2,900
170	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
175	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
180	2,700	2,600	2,500	2,500	2,700	2,800	2,700	2,600
185	2,600	2,500	2,400	2,400	2,300	2,400	2,600	2,500
190	2,400	2,400	2,300	2,300	1,800	2,000	2,500	2,400
195	2,100	2,200	2,200	2,200	1,500	1,600	2,000	2,400
200	1,900	2,000	2,100	2,100	1,100	1,200	1,600	2,100
205	1,600	1,700	1,900	2,000			1,300	1,700
210	1,200	1,300	1,700	1,800				1,300
215			1,300	1,600				
220				1,200				
Min Angle	42.5	42.5	42.5	43.0	51.5	51.5	51.5	52.0
Max Rad.	213.3	215.0	220.0	223.3	200.5	202.5	208.8	213.8
Capacity	0	0	0	0	0	0	0	0

1132100

**Rated Lifting
Capacities in
Pounds**



Full



72,400 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	223,100	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	211,400	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	181,200	135,200	183,800	183,000	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	145,100	118,800	148,200	147,300	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	120,200	106,000	123,200	122,300	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	100,900	95,900	104,700	103,700	62,300	87,200	94,700	99,000	57,700	55,800	80,800	82,500
35		87,700	87,900	86,900	56,400	78,800	85,700	87,400	52,100	50,500	73,000	74,400
40		76,100	75,100	74,000	51,500	71,700	76,500	74,600	47,600	46,000	66,500	67,700
45		64,200	63,300	62,100	46,800	65,900	64,700	62,900	43,600	42,200	61,000	62,000
50					42,600	56,700	55,000	53,100	40,300	39,000	56,300	55,100
55					39,100	49,000	47,500	45,600	37,400	36,200	49,600	47,600
60					36,200	43,000	41,400	39,600	34,900	33,500	43,600	41,500
65								34,600	32,700	31,000	38,500	36,500
70									30,800	28,900	34,300	32,300
75									29,100	27,000	30,900	28,900
80												25,800
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	32,900	32,000	30,000	28,000	25,900	25,200	24,400	22,000

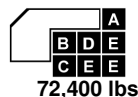
1140010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	76,300	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	68,600	39,700	52,500	61,100	63,900	53,900	40,200	55,900	38,600	62,100	51,000	35,900	43,400
45	62,100	36,400	48,500	56,000	58,100	48,800	36,900	51,400	35,400	56,600	46,300	32,900	40,100
50	52,500	33,600	45,100	51,600	53,100	44,400	34,100	47,400	32,600	51,800	42,200	30,400	37,200
55	45,000	31,200	42,100	47,800	46,600	40,500	31,600	44,000	30,200	47,800	38,600	28,200	34,700
60	39,000	29,000	39,400	43,300	40,600	37,100	29,500	41,000	28,000	42,100	35,500	26,200	32,400
65	34,000	27,100	37,100	38,200	35,600	33,600	27,500	38,300	26,100	37,200	32,800	24,400	30,400
70	30,000	25,500	35,000	34,000	31,600	29,600	25,800	35,300	24,500	33,000	30,300	22,800	28,600
75	26,500	24,000	32,200	30,600	28,100	26,100	24,300	31,700	22,900	29,600	27,500	21,400	27,000
80	23,500	22,600	29,200	27,500	25,000	23,100	22,900	28,800	21,600	26,600	24,500	20,100	25,600
85		21,300	26,600	24,900	22,400	20,500	21,600	26,100	20,300	24,000	21,900	19,000	24,200
90		20,100	24,300	22,600	20,200	18,200	20,500	23,800	19,200	21,700	19,600	17,900	23,000
95				20,600	18,200	16,200	19,400	21,800	18,200	19,600	17,600	16,900	21,900
100							18,500	20,000	17,200	17,800	15,800	16,000	20,500
105							17,600	18,400	16,300	16,200	14,200	15,200	18,900
110										14,800	12,700	14,400	17,400
115												13,700	16,100
120												13,100	14,900
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	19,200	19,400	20,300	18,300	15,300	13,000	16,600	15,500	15,500	13,000	10,500	12,600	12,900

1140010



Full



72,400 lbs



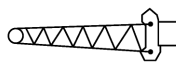
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	53,700	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	49,400	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	45,700	38,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	42,300	35,000	35,000	24,300	34,400	23,400	26,000	32,900	25,100	27,500	22,500
65	38,300	32,400	32,900	22,500	31,900	21,800	24,300	30,500	23,400	25,800	22,500
70	34,200	30,000	31,100	21,000	29,600	20,300	22,700	28,500	21,900	24,300	22,500
75	30,800	27,900	29,500	19,500	27,600	18,900	21,300	26,600	20,500	22,800	22,000
80	27,800	25,900	28,000	18,300	25,800	17,700	20,000	24,800	19,300	21,600	20,700
85	25,100	23,200	25,700	17,100	24,100	16,600	18,800	23,300	18,100	20,400	19,600
90	22,800	20,900	23,400	16,000	22,000	15,600	17,700	21,800	17,100	19,300	18,500
95	20,800	18,900	21,400	15,000	20,000	14,700	16,600	20,500	16,100	18,200	17,500
100	19,000	17,100	19,500	14,200	18,200	13,800	15,700	18,800	15,200	17,100	16,500
105	17,300	15,600	17,900	13,300	16,600	13,000	14,800	17,200	14,400	16,100	15,700
110	15,900	14,100	16,400	12,600	15,200	12,300	14,000	15,700	13,600	15,100	14,900
115	14,600	12,800	15,200	11,900	13,900	11,600	13,300	14,500	12,900	13,800	14,200
120	13,400	11,600	14,000	11,200	12,600	10,900	12,600	13,300	12,200	12,500	13,300
125	12,300	10,500	12,900	10,600	11,500	10,300	12,000	12,100	11,600	11,400	12,200
130			11,800	10,000	10,500	9,800	11,100	11,100	11,000	10,400	11,200
135			10,900	9,500	9,600	9,300	10,100	10,200	10,500	9,500	10,200
140			10,100	9,000	8,700	8,800	9,300	9,300	10,000	8,600	9,400
145						8,300	8,500	8,500	9,200	7,800	8,600
150						7,900	7,800	7,800	8,500	7,100	7,800
155						7,500	7,100	7,100	7,800	6,400	7,100
160									7,100	5,800	6,500
165									6,600	5,200	5,900
170									6,000	4,600	5,300
175											4,800
180											4,300
185											3,900
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	174.2	188.7
Capacity	11,100	9,000	9,200	8,800	7,800	7,400	6,400	6,400	5,500	3,900	3,300

1140010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	60,000	49,800	61,100	49,900	68,700	50,000	69,000	50,000	44,800	40,900	65,100	51,100
45			56,100	49,600	64,600	49,600	63,900	49,600	40,800	37,800	59,500	50,200
50			51,700	48,000	55,400	49,600	54,400	49,600	37,500	35,100	54,700	49,600
55			48,000	46,000	47,900	47,900	47,000	47,000	34,200	32,800	49,600	48,600
60									31,500	30,500	43,600	43,600
65									29,300	28,700	38,700	38,700
70									27,200	26,900	34,600	34,600
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	35,800	35,800	34,700	34,700	33,600	33,600	26,000	26,000	27,500	27,500

1143020

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	75,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	72,100	51,300	75,000	51,400	43,500	40,700	42,400	39,800	62,400	52,200	64,200	52,400
45	65,100	50,300	63,400	50,400	39,700	37,400	38,700	36,600	57,100	51,100	58,700	51,400
50	55,600	49,600	53,900	49,700	36,400	34,500	35,400	33,800	52,500	50,300	53,800	50,500
55	48,100	48,100	46,500	46,500	33,600	32,100	32,700	31,300	48,500	46,900	47,500	47,500
60	42,200	42,200	40,500	40,500	31,100	30,000	30,300	29,400	43,500	43,500	41,500	41,500
65	37,300	37,300	35,600	35,600	29,200	28,300	28,100	27,500	38,500	38,500	36,600	36,600
70	33,200	33,200	31,600	31,600	27,300	26,600	26,000	25,600	34,400	34,400	32,500	32,500
75			28,200	24,300	25,600	25,100	24,200	23,900	31,000	31,000	29,200	29,200
80					24,100	23,700	22,600	22,400	28,000	28,000	26,200	26,200
85					22,800	22,600	21,200	21,000	25,400	25,400	23,600	23,600
90											21,400	21,400
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	25,800	25,800	24,000	24,000	22,100	22,100	20,200	20,200	21,000	21,000	18,900	18,900

1143020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



72,400 lbs

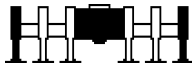


360°

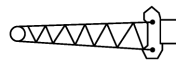
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	74,800	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	67,100	52,700	37,000	35,200	48,000	44,000	58,400	52,800	62,400	53,300	52,600	52,400
45	60,600	51,600	33,700	32,200	44,200	40,800	53,300	51,500	56,800	52,200	47,400	47,400
50	52,500	50,700	30,900	30,000	40,800	37,900	48,900	47,500	51,800	51,300	43,200	43,200
55	45,100	45,100	28,700	27,800	37,800	35,400	45,100	44,200	46,200	46,200	39,300	39,300
60	39,200	39,200	26,600	25,800	35,200	33,200	42,000	41,100	40,200	40,200	35,900	35,900
65	34,300	34,300	24,700	24,100	32,900	31,200	37,800	37,800	35,400	35,400	33,000	33,000
70	30,400	30,400	23,100	22,500	30,900	29,700	33,700	33,700	31,400	31,400	29,500	29,500
75	27,000	27,000	21,600	21,100	29,200	28,100	30,300	30,300	27,900	27,900	26,100	26,100
80	24,000	24,000	20,200	19,900	27,600	26,700	27,300	27,300	25,000	25,000	23,100	23,100
85	21,500	21,500	19,000	18,800	26,100	25,400	24,800	24,800	22,400	22,400	20,600	20,600
90	19,300	19,300	17,900	17,800	24,100	24,100	22,500	22,500	20,200	20,200	18,400	18,400
95			16,800	16,700	22,000	22,000	20,500	20,500	18,200	18,200	16,400	16,400
100			15,800	15,800	20,300	20,300	18,700	18,700	16,500	16,500	14,700	14,700
105							17,200	17,200	14,900	14,900	13,100	13,100
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	16,400	16,400	15,300	15,300	17,500	17,500	15,700	15,700	13,000	13,000	10,900	10,900

1143030

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



72,400 lbs



360°

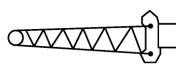
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	55,100	52,200	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	50,300	50,300	41,000	41,000	28,700	28,100
55	29,600	28,800	41,600	38,200	28,300	27,700	46,200	46,200	37,400	37,400	26,500	25,900
60	27,500	26,800	38,800	36,000	26,200	25,600	41,400	41,400	34,300	34,300	24,500	24,000
65	25,500	25,000	36,100	34,000	24,300	23,800	36,500	36,500	31,500	31,500	22,700	22,400
70	23,800	23,400	33,800	32,200	22,600	22,200	32,400	32,400	29,200	29,200	21,100	20,800
75	22,200	21,900	31,200	30,600	21,100	20,800	29,100	29,100	27,000	27,000	19,700	19,500
80	20,900	20,600	28,200	28,200	19,700	19,500	26,100	26,100	24,100	24,100	18,400	18,200
85	19,600	19,400	25,600	25,600	18,500	18,300	23,500	23,500	21,500	21,500	17,200	17,100
90	18,500	18,300	23,300	23,300	17,300	17,200	21,300	21,300	19,300	19,300	16,200	16,100
95	17,400	17,300	21,300	21,300	16,300	16,200	19,300	19,300	17,300	17,300	15,200	15,100
100	16,500	16,400	19,600	19,600	15,400	15,300	17,500	17,500	15,600	15,600	14,500	14,400
105	15,600	15,500	18,000	18,000	14,600	14,600	15,900	15,900	14,000	14,000	13,600	13,600
110	14,900	14,900	16,500	16,500	13,700	13,700	14,600	14,600	12,600	12,600	12,900	12,800
115	14,200	14,200	15,300	15,300	12,900	12,900	13,300	13,300	11,300	11,300	12,200	12,200
120							12,100	12,100	10,200	10,200	11,500	11,500
125											10,900	10,900
130											10,300	10,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	13,700	13,700	13,200	13,200	12,200	12,200	10,900	10,900	8,600	8,600	9,800	9,800

1143020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



72,400 lbs



360°

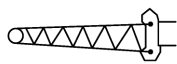
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	46,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	44,200	40,400	36,700	36,700	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	40,800	38,200	33,700	33,700	32,600	31,000	22,800	22,600	33,000	33,000
65	28,200	27,300	37,400	36,300	31,000	31,000	30,600	29,300	21,000	20,900	30,400	30,400
70	26,400	25,600	33,300	33,300	28,800	28,800	28,800	27,700	19,500	19,400	28,400	28,400
75	24,800	24,100	30,000	30,000	26,700	26,700	27,200	26,100	18,000	18,000	26,400	26,400
80	23,400	22,800	27,000	27,000	24,800	24,800	25,700	24,800	16,800	16,800	24,500	24,500
85	22,000	21,500	24,400	24,400	22,600	22,600	24,300	23,500	15,600	15,600	22,800	22,800
90	20,800	20,400	22,100	22,100	20,300	20,300	22,500	22,300	14,700	14,700	21,200	21,200
95	19,700	19,400	20,100	20,100	18,400	18,400	20,500	20,500	13,700	13,700	19,200	19,200
100	18,700	18,400	18,300	18,300	16,600	16,600	18,700	18,700	12,800	12,800	17,400	17,400
105	17,800	17,500	16,700	16,700	15,100	15,100	17,100	17,100	11,900	11,900	15,800	15,800
110	16,800	16,700	15,400	15,400	13,600	13,600	15,700	15,700	11,200	11,200	14,500	14,500
115	15,600	15,600	14,100	14,100	12,300	12,300	14,500	14,500	10,500	10,500	13,200	13,200
120	14,400	14,400	12,900	12,900	11,200	11,200	13,300	13,300	9,800	9,800	12,000	12,000
125	13,300	13,300	11,800	11,800	10,100	10,100	12,200	12,200	9,200	9,200	10,900	10,900
130	12,300	12,300	10,800	10,800	9,100	9,100	11,200	11,200	8,600	8,600	9,900	9,900
135			9,900	9,900	8,200	8,200	10,300	10,300	8,100	8,100	9,000	9,000
140							9,400	9,400	7,600	7,600	8,200	8,200
145							8,700	8,700	7,100	7,100	7,400	7,400
150							8,000	8,000	6,700	6,700	6,700	6,700
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	10,800	10,800	9,100	9,100	7,200	7,200	7,400	7,400	6,600	6,600	6,000	6,000

1143020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	29,300	29,300	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	27,200	27,200	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	25,300	25,300	19,000	18,800	21,200	20,800	19,600	19,600
80	16,200	16,200	18,400	18,200	23,600	23,600	17,700	17,600	19,900	19,600	19,100	18,900
85	15,100	15,100	17,200	17,100	22,000	22,000	16,600	16,500	18,700	18,400	18,000	17,800
90	14,300	14,300	16,100	16,000	20,500	20,500	15,500	15,500	17,600	17,400	16,900	16,700
95	13,300	13,300	15,100	15,000	19,200	19,200	14,700	14,700	16,600	16,400	15,900	15,800
100	12,400	12,400	14,200	14,200	17,800	17,800	13,800	13,800	15,600	15,500	15,000	15,000
105	11,600	11,600	13,300	13,300	16,200	16,200	12,900	12,900	14,700	14,600	14,200	14,100
110	10,900	10,900	12,600	12,600	14,900	14,900	12,200	12,200	13,900	13,800	13,400	13,400
115	10,200	10,200	11,800	11,800	13,600	13,600	11,500	11,500	12,800	12,800	12,700	12,700
120	9,500	9,500	11,100	11,100	12,400	12,400	10,800	10,800	11,600	11,600	12,000	12,000
125	8,900	8,900	10,500	10,500	11,300	11,300	10,200	10,200	10,500	10,500	11,100	11,100
130	8,400	8,400	9,900	9,900	10,300	10,300	9,600	9,600	9,500	9,500	10,100	10,100
135	7,900	7,900	9,300	9,300	9,400	9,400	9,000	9,000	8,600	8,600	9,200	9,200
140	7,400	7,400	8,500	8,500	8,600	8,600	8,500	8,500	7,800	7,800	8,400	8,400
145	6,900	6,900	7,800	7,800	7,800	7,800	8,000	8,000	7,000	7,000	7,600	7,600
150	6,500	6,500	7,100	7,100	7,100	7,100	7,600	7,600	6,300	6,300	6,900	6,900
155	6,100	6,100	6,400	6,400	6,400	6,400	6,900	6,900	5,600	5,600	6,200	6,200
160	5,700	5,700	5,800	5,800	5,800	5,800	6,300	6,300	5,000	5,000	5,600	5,600
165	5,400	5,300	5,200	5,200	5,300	5,300	5,700	5,700	4,400	4,400	5,000	5,000
170							5,200	5,200	3,900	3,900	4,400	4,400
175							4,700	4,700	3,400	3,400	3,900	3,900
180							4,300	4,200	2,900	2,900	3,500	3,500
185											3,000	3,000
190											2,600	2,600
195											2,200	2,200
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	181.5	181.5	184.2	184.2	198.8	198.8
Capacity	5,300	5,300	4,700	4,700	4,700	4,700	3,900	3,900	2,300	2,300	1,700	1,700

1143020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



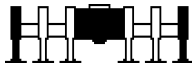
72,400 lbs



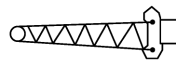
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,200	11,200	11,200	
125									10,600	10,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,600	10,600	10,600	10,900

1142010

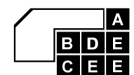
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,300	10,400	10,400	10,400	8,700	8,800	8,900	9,000
125	9,800	9,800	9,800	9,800	8,100	8,200	8,300	8,400
130	9,200	9,200	9,300	9,300	7,600	7,600	7,800	7,900
135	8,700	8,700	8,800	8,800	7,100	7,100	7,300	7,400
140	8,200	8,200	8,300	8,300	6,600	6,700	6,800	6,900
145	7,800	7,800	7,800		6,200	6,200	6,300	6,400
150	7,300	7,300	7,300		5,800	5,800	5,900	6,000
155	6,900	6,900	6,900		5,400	5,400	5,500	5,600
160					5,000	5,000	5,100	5,200
165					4,600	4,700	4,700	4,800
170					4,300	4,300	4,400	4,400
175					4,000	4,000	4,100	
180					3,700	3,700	3,800	
185					3,400	3,400	3,400	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	6,800	6,800	6,800	7,000	3,300	3,300	3,300	3,400

1142010



Full



32.5 ft Hydraulic Offset Fly



72,400 lbs



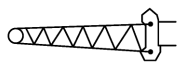
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	12,700	12,700	13,100	13,600
105	11,800	11,800	11,900	12,000	12,700	12,700	12,800	12,800
110	11,100	11,100	11,200	11,300	12,100	12,100	12,100	12,100
115	10,400	10,400	10,500	10,600	11,400	11,400	11,500	11,500
120	9,800	9,800	9,900	10,000	10,800	10,800	10,800	10,800
125	9,200	9,200	9,300	9,400	10,200	10,200	10,200	10,200
130	8,600	8,600	8,700	8,800	9,600	9,600	9,600	9,700
135	8,100	8,100	8,200	8,300	9,100	9,100	9,100	9,200
140	7,600	7,600	7,700	7,800	8,500	8,600	8,600	8,700
145	7,100	7,100	7,200	7,300	7,700	7,800	8,100	8,200
150	6,700	6,700	6,800	6,900	7,000	7,100	7,400	7,700
155	6,300	6,300	6,400	6,400	6,300	6,400	6,700	7,100
160	5,900	5,900	6,000	6,000	5,700	5,800	6,100	6,400
165	5,500	5,500	5,600	5,700	5,100	5,200	5,500	5,700
170	5,100	5,200	5,200	5,300	4,500	4,600	4,900	5,100
175	4,800	4,800	4,900	4,900	4,000	4,100	4,300	4,600
180	4,300	4,400	4,500	4,600	3,500	3,600	3,800	4,000
185	3,900	3,900	4,100	4,100	3,100	3,100	3,400	3,500
190	3,500	3,500	3,600		2,700	2,700	2,900	3,000
195	3,100	3,100	3,200		2,300	2,300	2,500	2,600
200	2,700	2,700	2,700		1,900	1,900	2,100	2,100
205					1,500	1,600	1,700	
210					1,200	1,200	1,300	
Min Angle	0.0	0.0	0.0	0.0	20.5	21.0	21.5	23.0
Max Rad.	204.0	204.1	203.7	201.6	213.3	213.3	213.8	210.0
Capacity	2,200	2,200	2,200	2,200	0	0	0	0

1142010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,500	15,400	15,400	15,400
105									14,600	14,600	14,500	
110									13,800	13,800	13,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	13,700	13,600	13,700	14,200

1142020



Full



32.5 ft Hydraulic Offset Fly



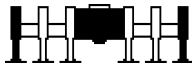
72,400 lbs



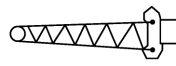
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,200	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	12,400	12,400	12,400	12,400	10,300	10,400	10,500	10,600
115	11,700	11,700	11,700	11,700	9,600	9,700	9,800	9,900
120	11,100	11,100	11,100	11,100	9,000	9,000	9,200	9,300
125	10,400	10,400	10,500	10,500	8,400	8,500	8,600	8,700
130	9,800	9,800	9,800	9,800	7,900	7,900	8,000	8,100
135	9,200	9,200	9,300		7,400	7,400	7,500	7,600
140	8,700	8,700	8,700		6,900	6,900	7,000	7,100
145					6,400	6,400	6,500	6,600
150					6,000	6,000	6,100	6,200
155					5,600	5,600	5,700	5,700
160					5,200	5,200	5,300	5,300
165					4,900	4,900	4,900	
170					4,500	4,500	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	8,500	8,500	8,600	8,700	4,300	4,300	4,400	4,500

1142020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	15,700	15,700	15,700	15,600
95	13,900	13,900	13,900	13,900	15,000	14,900	14,800	14,800
100	13,000	13,000	13,100	13,100	14,100	14,100	14,000	14,000
105	12,200	12,200	12,300	12,300	13,300	13,300	13,200	13,200
110	11,400	11,500	11,500	11,600	12,600	12,500	12,500	12,500
115	10,700	10,800	10,800	10,900	11,800	11,800	11,800	11,800
120	10,100	10,100	10,200	10,300	11,200	11,200	11,200	11,200
125	9,500	9,500	9,600	9,700	10,600	10,600	10,600	10,600
130	8,900	8,900	9,000	9,100	9,800	10,000	10,000	10,000
135	8,400	8,400	8,500	8,500	8,900	9,000	9,500	9,500
140	7,900	7,900	8,000	8,000	8,100	8,200	8,600	9,000
145	7,400	7,400	7,500	7,600	7,300	7,400	7,800	8,100
150	6,900	7,000	7,000	7,100	6,600	6,700	7,000	7,300
155	6,500	6,500	6,600	6,700	5,900	6,000	6,300	6,600
160	6,100	6,100	6,200	6,300	5,300	5,300	5,600	5,900
165	5,500	5,600	5,800	5,900	4,700	4,800	5,000	5,300
170	5,000	5,000	5,200	5,200	4,100	4,200	4,400	4,600
175	4,500	4,500	4,600		3,600	3,700	3,900	4,100
180	4,000	4,000	4,100		3,100	3,200	3,400	3,500
185	3,500	3,600	3,600		2,700	2,700	2,900	3,000
190					2,300	2,300	2,500	2,400
195					1,900	1,900	2,000	
200					1,500	1,500		
Min Angle	0.0	0.0	0.0	0.0	12.0	12.5	20.5	8.5
Max Rad.	189.0	189.1	188.7	186.6	205.0	205.0	200.0	199.1
Capacity	2,900	2,900	3,000	3,000	0	0	0	0

1142020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



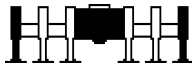
72,400 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1142030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	8,000	8,000	7,700	7,400	6,600	6,600	6,800	7,100
145	7,500	7,600	7,600	7,400	6,100	6,200	6,400	6,600
150	7,200	7,200	7,200	7,300	5,700	5,800	6,000	6,200
155	6,700	6,800	6,900	6,900	5,300	5,400	5,600	5,800
160	6,400	6,400	6,500	6,500	5,000	5,000	5,200	5,400
165	6,000	6,000	6,100	6,100	4,600	4,700	4,800	5,000
170	5,700	5,700	5,700		4,300	4,300	4,500	4,700
175	5,400	5,400	5,400		4,000	4,000	4,200	4,300
180					3,700	3,700	3,900	4,000
185					3,400	3,500	3,600	3,700
190					3,200	3,200	3,300	3,300
195					2,900	3,000	3,000	3,000
200					2,700	2,700	2,800	
205					2,500	2,500	2,500	
210					2,300	2,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	179.4	179.4	178.7	175.4	211.1	211.2	210.4	206.9
Capacity	5,100	5,200	5,200	5,400	2,300	2,300	2,300	2,400

1142030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



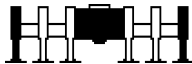
72,400 lbs



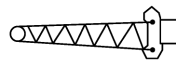
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	10,100	9,600	8,500	7,900	9,200	9,200	8,600	7,900
120	9,500	9,400	8,400	7,800	9,200	9,200	8,500	7,900
125	8,900	8,900	8,300	7,700	9,200	9,200	8,400	7,800
130	8,400	8,400	8,200	7,700	9,200	9,200	8,300	7,700
135	7,800	7,900	8,100	7,600	8,700	8,700	8,200	7,700
140	7,400	7,400	7,600	7,500	8,200	8,200	8,200	7,600
145	6,900	7,000	7,100	7,300	7,700	7,800	7,900	7,500
150	6,500	6,500	6,700	6,900	7,300	7,300	7,500	7,500
155	6,100	6,100	6,300	6,500	6,900	6,900	7,000	7,200
160	5,700	5,800	5,900	6,100	6,300	6,500	6,700	6,800
165	5,400	5,400	5,600	5,700	5,700	5,900	6,300	6,400
170	5,000	5,100	5,200	5,400	5,200	5,300	5,800	6,100
175	4,700	4,700	4,900	5,000	4,600	4,800	5,200	5,700
180	4,400	4,400	4,600	4,700	4,100	4,300	4,700	5,100
185	4,100	4,100	4,300	4,400	3,700	3,800	4,200	4,600
190	3,800	3,900	4,000	4,100	3,200	3,400	3,700	4,100
195	3,600	3,600	3,700	3,800	2,800	2,900	3,300	3,600
200	3,300	3,300	3,400	3,500	2,500	2,500	2,900	3,100
205	2,900	3,000	3,200	3,200	2,100	2,200	2,500	2,700
210	2,500	2,600	2,800	2,700	1,700	1,800	2,100	2,300
215	2,200	2,300	2,400		1,400	1,500	1,700	1,900
220	1,900	2,000	2,000		1,100	1,200	1,400	1,400
225	1,700	1,700					1,100	
Min Angle	0.0	0.0	0.0	0.0	30.0	30.0	30.0	29.5
Max Rad.	226.5	226.6	225.7	222.1	221.7	223.3	226.3	225.0
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

1142030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



72,400 lbs



360°

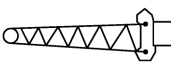


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1142040



Full



55 ft Hydraulic Offset Fly



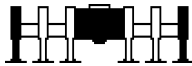
72,400 lbs



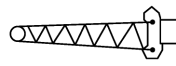
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,800	7,900	8,000	7,500
135	8,600	8,000	7,600	7,400	7,300	7,400	7,600	7,500
140	8,400	7,900	7,500	7,400	6,800	6,900	7,100	7,300
145	8,000	7,800	7,500	7,400	6,400	6,400	6,600	6,800
150	7,600	7,600	7,500	7,400	6,000	6,000	6,200	6,400
155	7,200	7,200	7,300		5,600	5,600	5,800	6,000
160	6,800	6,800	6,800		5,200	5,300	5,400	5,600
165					4,900	4,900	5,100	5,200
170					4,500	4,600	4,700	4,800
175					4,200	4,300	4,400	4,400
180					3,900	4,000	4,100	4,100
185					3,700	3,700	3,800	
190					3,400	3,400	3,500	
195					3,200	3,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	6,500	6,500	6,600	6,800	3,200	3,200	3,200	3,300

1142040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	11,300	10,000	8,800	8,000
110	11,000	9,700	8,600	7,900	11,200	9,800	8,700	7,900
115	10,400	9,500	8,400	7,800	11,000	9,700	8,600	7,900
120	9,800	9,300	8,300	7,800	10,700	9,500	8,500	7,800
125	9,200	9,200	8,200	7,700	10,100	9,400	8,400	7,800
130	8,700	8,700	8,100	7,600	9,600	9,200	8,300	7,700
135	8,200	8,200	8,100	7,600	9,000	9,100	8,200	7,600
140	7,700	7,700	7,900	7,500	8,500	8,600	8,100	7,600
145	7,200	7,300	7,400	7,500	8,000	8,100	8,000	7,500
150	6,800	6,800	7,000	7,100	7,300	7,500	7,800	7,500
155	6,400	6,400	6,600	6,700	6,600	6,800	7,400	7,400
160	6,000	6,000	6,200	6,300	6,000	6,100	6,700	7,100
165	5,600	5,700	5,800	5,900	5,400	5,500	6,100	6,600
170	5,300	5,300	5,500	5,600	4,900	5,000	5,500	5,900
175	5,000	5,000	5,100	5,200	4,300	4,500	4,900	5,300
180	4,700	4,700	4,800	4,900	3,800	4,000	4,400	4,800
185	4,200	4,300	4,500	4,600	3,400	3,500	3,900	4,200
190	3,800	3,900	4,100	4,200	3,000	3,100	3,400	3,700
195	3,400	3,500	3,700	3,600	2,600	2,600	3,000	3,200
200	3,000	3,100	3,200		2,200	2,300	2,500	2,700
205	2,700	2,700	2,800		1,800	1,900	2,100	2,200
210	2,400	2,400			1,500	1,500	1,700	1,700
215					1,200	1,200	1,400	
Min Angle	0.0	0.0	0.0	0.0	23.0	23.5	23.5	25.0
Max Rad.	211.5	211.6	210.7	207.2	218.3	218.3	220.0	215.0
Capacity	2,000	2,100	2,100	2,100	0	0	0	0

1142040

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



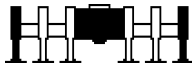
72,400 lbs



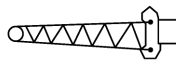
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1142050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,800	4,800	5,100	5,300
160	5,600	5,300	5,100	5,100	4,400	4,500	4,700	4,900
165	5,300	5,200	5,000	5,000	4,100	4,100	4,400	4,600
170	5,000	5,000	4,900	4,900	3,800	3,800	4,000	4,200
175	4,700	4,700	4,800	4,800	3,500	3,500	3,700	3,900
180	4,400	4,400	4,500	4,500	3,200	3,200	3,400	3,600
185	4,100	4,100	4,200		2,900	3,000	3,100	3,300
190	3,900	3,900	3,900		2,600	2,700	2,900	3,000
195	3,600	3,600	3,700		2,400	2,400	2,600	2,700
200					2,200	2,200	2,300	2,400
205					1,900	2,000	2,100	2,100
210					1,700	1,800	1,900	1,900
215					1,500	1,600	1,600	
220					1,400	1,400	1,400	
225					1,200	1,200	1,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	197.4	197.4	196.6	193.2	229.1	229.2	228.3	224.7
Capacity	3,600	3,600	3,600	3,700	1,100	1,100	1,100	1,200

1142050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



72,400 lbs



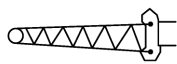
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,500	6,800	6,200	5,900	7,000	6,900	6,300	6,000
135	7,200	6,600	6,100	5,800	7,000	6,800	6,200	5,900
140	6,700	6,500	6,000	5,700	7,000	6,600	6,100	5,800
145	6,300	6,300	5,900	5,600	7,000	6,500	6,000	5,700
150	5,900	5,900	5,700	5,500	6,600	6,400	5,800	5,600
155	5,500	5,500	5,600	5,400	6,200	6,200	5,800	5,500
160	5,100	5,200	5,400	5,400	5,800	5,800	5,700	5,400
165	4,800	4,800	5,000	5,200	5,400	5,500	5,600	5,400
170	4,400	4,500	4,700	4,900	5,100	5,100	5,300	5,300
175	4,100	4,200	4,300	4,500	4,600	4,700	5,000	5,100
180	3,800	3,900	4,000	4,200	4,100	4,200	4,700	4,800
185	3,500	3,600	3,700	3,900	3,600	3,800	4,200	4,500
190	3,200	3,300	3,500	3,600	3,200	3,300	3,700	4,200
195	3,000	3,000	3,200	3,300	2,800	2,900	3,300	3,700
200	2,700	2,800	2,900	3,100	2,400	2,500	2,900	3,200
205	2,500	2,500	2,700	2,800	2,000	2,100	2,500	2,800
210	2,300	2,300	2,400	2,500	1,700	1,800	2,100	2,400
215	2,100	2,100	2,200	2,300	1,400	1,400	1,700	2,000
220	1,800	1,900	2,000	2,000		1,100	1,400	1,600
225	1,500	1,600	1,800	1,700			1,100	1,300
230	1,300	1,300	1,400					
Min Angle	22.0	22.5	24.0	25.0	39.0	39.0	39.0	38.5
Max Rad.	235.0	235.0	235.0	230.0	220.0	221.7	226.7	228.8
Capacity	0	0	0	0	0	0	0	0

1142050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1142060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



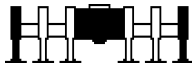
72,400 lbs



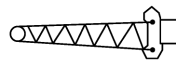
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,800	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,400	5,500	5,500	5,300
155	5,400	5,200	5,000	5,000	5,000	5,100	5,300	5,200
160	5,300	5,000	4,900	4,900	4,700	4,700	4,900	5,100
165	5,100	4,900	4,800	4,800	4,300	4,400	4,600	4,800
170	5,000	4,800	4,800	4,800	4,000	4,100	4,300	4,400
175	4,800	4,700	4,700		3,700	3,800	3,900	4,100
180	4,600	4,600	4,600		3,400	3,500	3,600	3,800
185					3,100	3,200	3,300	3,400
190					2,900	2,900	3,100	3,100
195					2,600	2,700	2,800	2,800
200					2,400	2,400	2,500	
205					2,200	2,200	2,300	
210					2,000	2,000	2,000	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	182.8	182.9	182.1	178.8	214.6	214.6	213.8	210.3
Capacity	4,600	4,600	4,600	4,700	1,900	1,900	1,900	2,000

1142060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	8,000	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	7,800	7,000	6,400	6,000
130	7,400	6,700	6,100	5,800	7,700	6,900	6,300	5,900
135	7,200	6,600	6,000	5,700	7,500	6,700	6,100	5,800
140	7,000	6,400	5,900	5,600	7,300	6,600	6,000	5,700
145	6,600	6,200	5,800	5,500	7,100	6,400	5,900	5,600
150	6,200	6,100	5,600	5,400	6,900	6,300	5,800	5,500
155	5,800	5,800	5,500	5,400	6,500	6,200	5,700	5,500
160	5,400	5,400	5,400	5,300	6,000	6,000	5,600	5,400
165	5,000	5,100	5,300	5,200	5,400	5,600	5,500	5,300
170	4,700	4,700	4,900	5,100	4,900	5,000	5,400	5,300
175	4,400	4,400	4,600	4,700	4,400	4,500	5,000	5,200
180	4,100	4,100	4,300	4,400	3,900	4,000	4,500	4,900
185	3,800	3,800	4,000	4,100	3,400	3,500	4,000	4,400
190	3,500	3,500	3,700	3,800	3,000	3,100	3,500	3,900
195	3,200	3,300	3,400	3,500	2,600	2,700	3,000	3,400
200	3,000	3,000	3,100	3,200	2,200	2,300	2,600	2,900
205	2,700	2,700	2,900	2,900	1,800	1,900	2,200	2,500
210	2,300	2,400	2,600	2,500	1,500	1,600	1,800	2,100
215	2,000	2,000	2,200		1,100	1,200	1,500	1,600
220	1,700	1,700	1,800				1,100	1,200
Min Angle	16.5	17.5	7.5	7.5	34.0	34.5	34.5	34.0
Max Rad.	225.0	225.0	223.4	223.4	216.7	218.3	221.7	222.5
Capacity	0	0	0	0	0	0	0	0

1142060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



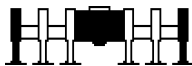
72,400 lbs



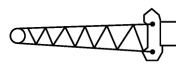
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1142070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,900	3,000	3,200	3,500
180	3,400	3,200	3,200	3,200	2,700	2,700	2,900	3,200
185	3,200	3,100	3,000	3,000	2,400	2,400	2,700	2,900
190	3,100	3,000	2,900	2,900	2,100	2,200	2,400	2,600
195	3,000	2,900	2,900	2,900	1,900	1,900	2,100	2,300
200	2,800	2,800	2,800	2,800	1,700	1,700	1,900	2,000
205	2,500	2,600	2,600		1,400	1,500	1,600	1,800
210	2,300	2,400	2,400		1,200	1,300	1,400	1,500
215	2,200	2,200				1,100	1,200	1,300
Min Angle	0.0	0.0	0.0	0.0	35.0	34.5	35.5	36.0
Max Rad.	215.4	215.4	214.6	211.0	215.0	217.5	220.0	220.0
Capacity	2,200	2,200	2,200	2,300	0	0	0	0

1142070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



72,400 lbs



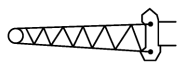
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	5,200	5,000	4,700	4,500
145	5,100	4,700	4,400	4,300	5,200	4,900	4,600	4,400
150	5,000	4,600	4,300	4,200	5,100	4,700	4,400	4,300
155	4,800	4,500	4,200	4,100	5,000	4,600	4,300	4,200
160	4,500	4,400	4,100	4,000	4,900	4,500	4,200	4,100
165	4,200	4,200	4,000	3,900	4,800	4,400	4,100	4,000
170	3,800	3,900	3,900	3,800	4,400	4,300	4,000	3,900
175	3,500	3,600	3,800	3,700	4,100	4,200	3,900	3,900
180	3,200	3,300	3,500	3,700	3,800	3,900	3,900	3,800
185	2,900	3,000	3,200	3,400	3,500	3,600	3,800	3,700
190	2,700	2,700	2,900	3,100	3,100	3,200	3,500	3,600
195	2,400	2,500	2,700	2,800	2,700	2,800	3,200	3,400
200	2,200	2,200	2,400	2,600	2,300	2,400	2,800	3,100
205	1,900	2,000	2,200	2,300	1,900	2,000	2,400	2,800
210	1,700	1,800	1,900	2,100	1,600	1,700	2,000	2,400
215	1,500	1,600	1,700	1,800	1,200	1,300	1,700	2,000
220	1,300	1,400	1,500	1,600			1,300	1,600
225	1,100	1,200	1,300	1,400				1,300
230			1,100	1,200				
Min Angle	36.5	36.0	36.5	36.5	45.5	45.5	46.0	46.0
Max Rad.	227.5	230.0	232.5	233.3	218.3	220.0	225.0	228.8
Capacity	0	0	0	0	0	0	0	0

1142070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1142080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



72,400 lbs



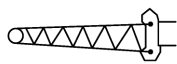
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,200	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,800	3,900	3,700	3,700
170	3,300	3,200	3,100	3,100	3,500	3,600	3,600	3,600
175	3,200	3,100	3,000	3,000	3,200	3,300	3,500	3,500
180	3,000	3,000	2,900	2,900	2,900	3,000	3,200	3,400
185	2,900	2,800	2,800	2,800	2,600	2,700	2,900	3,000
190	2,800	2,700	2,700		2,400	2,400	2,600	2,800
195	2,700	2,600	2,600		2,100	2,200	2,300	2,500
200	2,500	2,500			1,900	1,900	2,100	2,200
205					1,700	1,700	1,900	1,900
210					1,500	1,500	1,600	1,600
215					1,300	1,300	1,400	1,400
220					1,100	1,100	1,200	
Min Angle	0.0	0.0	0.0	0.0	22.0	22.5	21.0	16.5
Max Rad.	200.8	200.9	200.0	196.6	222.5	222.5	225.0	218.4
Capacity	2,500	2,500	2,600	2,700	0	0	0	0

1142080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,500	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	5,400	4,900	4,600	4,400
145	5,000	4,600	4,300	4,200	5,200	4,800	4,500	4,300
150	4,800	4,500	4,200	4,100	5,100	4,700	4,400	4,200
155	4,700	4,400	4,100	4,000	4,900	4,500	4,300	4,100
160	4,500	4,200	4,000	3,900	4,800	4,400	4,200	4,000
165	4,400	4,100	3,900	3,800	4,600	4,300	4,000	3,900
170	4,100	4,000	3,800	3,700	4,500	4,200	3,900	3,900
175	3,800	3,800	3,700	3,600	4,300	4,100	3,800	3,800
180	3,500	3,500	3,600	3,500	3,800	4,000	3,800	3,700
185	3,200	3,300	3,400	3,500	3,400	3,500	3,700	3,600
190	2,900	3,000	3,200	3,300	2,900	3,100	3,500	3,500
195	2,700	2,700	2,900	3,100	2,500	2,600	3,100	3,500
200	2,400	2,500	2,600	2,800	2,100	2,200	2,600	3,000
205	2,200	2,300	2,400	2,500	1,800	1,900	2,200	2,600
210	2,000	2,000	2,200	2,300	1,400	1,500	1,900	2,200
215	1,800	1,800	1,900	2,000	1,100	1,200	1,500	1,800
220	1,600	1,600	1,700	1,800			1,100	1,400
225	1,300	1,400	1,500	1,500				
230		1,100	1,200	1,100				
Min Angle	27.5	27.0	27.5	26.0	41.5	41.5	42.0	42.0
Max Rad.	230.0	231.7	233.3	231.3	216.5	218.1	221.7	225.0
Capacity	0	0	0	0	0	0	0	0

1142080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



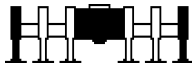
72,400 lbs



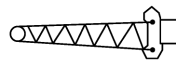
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1142090

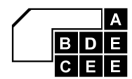
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



72,400 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,900	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,600	1,700	1,900	2,200
195	1,800	1,700	1,700	1,700	1,400	1,400	1,700	1,900
200	1,700	1,600	1,600	1,600	1,200	1,200	1,400	1,600
205	1,600	1,500	1,500	1,500			1,200	1,400
210	1,500	1,400	1,400	1,400				1,100
215	1,400	1,400	1,400	1,400				
220	1,300	1,300	1,300					
225	1,200	1,200	1,200					
230	1,000	1,000	1,100					
Min Angle	0.0	0.0	0.0	0.0	46.0	46.0	46.5	47.0
Max Rad.	233.4	233.4	232.5	228.9	203.3	205.0	210.0	212.5
Capacity	1,000	1,000	1,000	1,000	0	0	0	0

1142090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



72,400 lbs



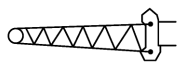
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,800	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	3,600	3,400	3,300	3,200
160	3,400	3,200	3,000	3,000	3,500	3,300	3,200	3,100
165	3,200	3,100	2,900	2,900	3,400	3,200	3,100	3,000
170	3,100	3,000	2,800	2,800	3,300	3,100	3,000	2,900
175	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
180	2,700	2,700	2,600	2,600	3,100	2,900	2,800	2,700
185	2,400	2,500	2,500	2,500	2,900	2,800	2,700	2,600
190	2,100	2,200	2,400	2,400	2,700	2,700	2,600	2,600
195	1,900	1,900	2,200	2,300	2,400	2,500	2,500	2,500
200	1,600	1,700	1,900	2,100	2,100	2,200	2,400	2,400
205	1,400	1,500	1,700	1,900	1,800	1,900	2,200	2,300
210	1,200	1,200	1,400	1,600	1,400	1,500	1,900	2,100
215			1,200	1,400	1,100	1,200	1,600	1,900
220				1,200			1,200	1,600
225								1,200
Min Angle	47.0	47.5	48.0	48.0	51.0	51.0	51.5	51.5
Max Rad.	215.0	215.0	220.0	223.3	216.4	218.3	223.3	228.3
Capacity	0	0	0	0	0	0	0	0

1142090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



72,400 lbs



360°



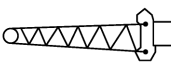
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1142100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



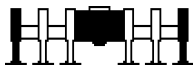
72,400 lbs



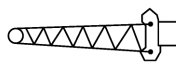
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,400	2,400	2,300	2,300
185	1,700	1,700	1,700	1,700	2,100	2,200	2,200	2,200
190	1,600	1,600	1,600	1,600	1,900	1,900	2,100	2,100
195	1,500	1,500	1,500	1,500	1,600	1,700	1,900	2,000
200	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,800
205	1,300	1,300	1,300		1,200	1,200	1,400	1,600
210	1,200	1,200	1,200				1,200	1,300
215	1,100	1,100	1,100					1,100
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.5
Max Rad.	218.8	218.8	218.0	214.4	210.0	210.0	215.0	216.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1142100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



72,400 lbs



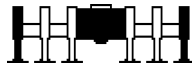
360°



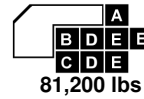
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,700	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	3,600	3,300	3,200	3,100
160	3,200	3,000	2,900	2,900	3,400	3,200	3,100	3,000
165	3,100	2,900	2,800	2,800	3,300	3,100	3,000	2,900
170	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
175	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
180	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
185	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,500
190	2,400	2,400	2,300	2,300	2,700	2,600	2,500	2,400
195	2,100	2,200	2,200	2,200	2,400	2,500	2,400	2,400
200	1,900	2,000	2,100	2,100	2,100	2,200	2,300	2,300
205	1,700	1,700	1,900	2,000	1,700	1,800	2,200	2,200
210	1,400	1,500	1,700	1,800	1,300	1,400	1,800	2,100
215	1,200	1,300	1,400	1,600		1,100	1,500	1,800
220		1,100	1,200	1,400			1,100	1,400
225				1,100				1,100
Min Angle	40.5	40.0	41.0	41.0	47.0	47.5	47.5	47.5
Max Rad.	220.0	222.5	225.0	227.5	215.0	216.0	221.7	226.3
Capacity	0	0	0	0	0	0	0	0

1142100

Rated Lifting
Capacities in
Pounds



Full



81,200 lbs



360°

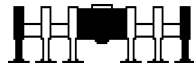
Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	240,000	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	213,300	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	182,900	135,200	185,500	184,700	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	146,600	118,800	149,600	148,700	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	121,400	106,000	124,400	123,600	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	102,600	95,900	105,800	104,900	62,300	87,200	94,700	99,000	57,700	55,800	80,800	82,500
35		87,700	90,700	89,600	56,400	78,800	85,700	89,200	52,100	50,500	73,000	74,400
40		78,500	77,600	76,500	51,500	71,700	78,100	77,100	47,600	46,000	66,500	67,700
45		68,200	67,300	66,200	46,800	65,900	68,600	66,800	43,600	42,200	61,000	62,000
50					42,600	60,800	59,200	57,300	40,300	39,000	56,300	57,100
55					39,100	52,700	51,100	49,300	37,400	36,200	52,300	51,200
60					36,200	46,300	44,700	42,900	34,900	33,500	46,900	44,800
65								37,700	32,700	31,000	41,500	39,500
70									30,800	28,900	37,100	35,100
75									29,100	27,000	33,400	31,400
80												28,200
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	32,900	32,000	30,000	28,000	25,900	25,200	24,400	22,000

1150010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	76,300	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	68,600	39,700	52,500	61,100	63,900	53,900	40,200	55,900	38,600	62,100	51,000	35,900	43,400
45	62,200	36,400	48,500	56,000	58,100	48,800	36,900	51,400	35,400	56,600	46,300	32,900	40,100
50	56,600	33,600	45,100	51,600	53,100	44,400	34,100	47,400	32,600	51,800	42,200	30,400	37,200
55	48,600	31,200	42,100	47,800	48,800	40,500	31,600	44,000	30,200	47,800	38,600	28,200	34,700
60	42,300	29,000	39,400	44,500	43,900	37,100	29,500	41,000	28,000	44,200	35,500	26,200	32,400
65	37,000	27,100	37,100	41,200	38,600	34,200	27,500	38,300	26,100	40,200	32,800	24,400	30,400
70	32,700	25,500	35,000	36,800	34,200	31,500	25,800	35,900	24,500	35,800	30,300	22,800	28,600
75	29,000	24,000	33,100	33,000	30,600	28,600	24,300	33,800	22,900	32,100	28,100	21,400	27,000
80	25,900	22,600	31,500	29,900	27,400	25,500	22,900	31,200	21,600	29,000	26,100	20,100	25,600
85		21,300	28,800	27,100	24,700	22,700	21,600	28,300	20,300	26,200	24,100	19,000	24,200
90		20,100	26,400	24,700	22,200	20,300	20,500	25,900	19,200	23,700	21,700	17,900	23,000
95				22,600	20,100	18,200	19,400	23,700	18,200	21,600	19,500	16,900	21,900
100							18,500	21,800	17,200	19,700	17,600	16,000	20,900
105							17,600	20,100	16,300	18,000	15,900	15,200	19,900
110										16,500	14,500	14,400	19,100
115												13,700	17,700
120												13,100	16,400
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	19,200	19,400	20,300	18,300	15,300	13,000	16,600	15,500	15,500	13,000	10,500	12,600	12,900

1150010

Rated Lifting
Capacities in
Pounds



Full



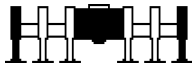
81,200 lbs



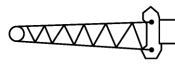
360°

Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	53,700	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	49,400	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	45,700	38,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	42,300	35,000	35,000	24,300	34,400	23,400	26,000	32,900	25,100	27,500	22,500
65	39,300	32,400	32,900	22,500	31,900	21,800	24,300	30,500	23,400	25,800	22,500
70	36,700	30,000	31,100	21,000	29,600	20,300	22,700	28,500	21,900	24,300	22,500
75	33,200	27,900	29,500	19,500	27,600	18,900	21,300	26,600	20,500	22,800	22,000
80	30,100	26,000	28,000	18,300	25,800	17,700	20,000	24,800	19,300	21,600	20,700
85	27,300	24,200	26,600	17,100	24,100	16,600	18,800	23,300	18,100	20,400	19,600
90	24,900	22,600	25,300	16,000	22,500	15,600	17,700	21,800	17,100	19,300	18,500
95	22,700	20,900	23,300	15,000	21,100	14,700	16,600	20,500	16,100	18,200	17,500
100	20,800	19,000	21,400	14,200	19,800	13,800	15,700	19,300	15,200	17,100	16,500
105	19,100	17,300	19,700	13,300	18,300	13,000	14,800	18,100	14,400	16,100	15,700
110	17,600	15,800	18,100	12,600	16,800	12,300	14,000	17,100	13,600	15,200	14,900
115	16,200	14,400	16,700	11,900	15,500	11,600	13,300	16,000	12,900	14,300	14,200
120	15,000	13,200	15,600	11,200	14,300	10,900	12,600	14,800	12,200	13,400	13,500
125	13,800	12,000	14,400	10,600	13,100	10,300	12,000	13,700	11,600	12,600	12,900
130			13,300	10,000	12,000	9,800	11,300	12,600	11,000	11,900	12,200
135			12,400	9,500	11,100	9,300	10,800	11,600	10,500	11,000	11,500
140			11,500	9,000	10,200	8,800	10,300	10,700	10,000	10,100	10,800
145						8,300	9,800	9,900	9,500	9,200	9,900
150						7,900	9,100	9,100	9,000	8,400	9,100
155						7,500	8,400	8,400	8,600	7,700	8,400
160									8,200	7,000	7,700
165									7,800	6,400	7,100
170									7,200	5,800	6,500
175											5,900
180											5,400
185											4,900
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	174.2	188.7
Capacity	11,100	9,000	9,200	8,800	7,800	7,400	6,400	6,400	5,500	3,900	3,300

1150010



Full



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	60,000	49,800	61,100	49,900	68,700	50,000	69,000	50,000	44,800	40,900	65,100	51,100
45			56,100	49,600	64,600	49,600	64,900	49,600	40,800	37,800	59,500	50,200
50			51,700	48,000	59,500	49,600	58,500	49,600	37,500	35,100	54,700	49,600
55			48,000	46,000	51,600	49,600	50,600	49,600	34,200	32,800	50,600	48,600
60									31,500	30,500	46,900	45,600
65									29,300	28,700	41,700	41,700
70									27,200	26,900	37,300	37,300
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	35,800	35,800	34,700	34,700	33,600	33,600	26,000	26,000	27,500	27,500

1153010

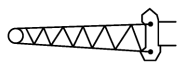
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	75,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	72,100	51,300	75,000	51,400	43,500	40,700	42,400	39,800	62,400	52,200	64,200	52,400
45	65,700	50,300	67,500	50,400	39,700	37,400	38,700	36,600	57,100	51,100	58,700	51,400
50	59,700	49,600	58,000	49,700	36,400	34,500	35,400	33,800	52,500	50,300	53,800	50,500
55	51,800	49,300	50,100	49,400	33,600	32,100	32,700	31,300	48,500	46,900	49,600	48,200
60	45,500	45,500	43,800	43,800	31,100	30,000	30,300	29,400	45,000	43,900	44,900	44,900
65	40,300	40,300	38,700	38,700	29,200	28,300	28,100	27,500	41,600	41,100	39,600	39,600
70	35,900	35,900	34,400	34,400	27,300	26,600	26,000	25,600	37,200	37,200	35,300	35,300
75			30,800	24,300	25,600	25,100	24,200	23,900	33,500	33,500	31,700	31,700
80					24,100	23,700	22,600	22,400	30,400	30,400	28,600	28,600
85					22,800	22,600	21,200	21,000	27,700	27,700	25,900	25,900
90											23,500	23,500
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	25,800	25,800	24,000	24,000	22,100	22,100	20,200	20,200	21,000	21,000	18,900	18,900

1153020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



81,200 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	74,800	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	67,100	52,700	37,000	35,200	48,000	44,000	58,400	52,800	62,400	53,300	52,600	52,400
45	60,600	51,600	33,700	32,200	44,200	40,800	53,300	51,500	56,800	52,200	47,400	47,400
50	55,300	50,700	30,900	30,000	40,800	37,900	48,900	47,500	51,800	51,300	43,200	43,200
55	48,700	48,700	28,700	27,800	37,800	35,400	45,100	44,200	47,400	47,400	39,300	39,300
60	42,500	42,500	26,600	25,800	35,200	33,200	42,000	41,100	43,600	43,600	35,900	35,900
65	37,400	37,400	24,700	24,100	32,900	31,200	39,000	38,300	38,400	38,400	33,000	33,000
70	33,100	33,100	23,100	22,500	30,900	29,700	36,500	35,900	34,100	34,100	30,300	30,300
75	29,500	29,500	21,600	21,100	29,200	28,100	32,800	32,800	30,500	30,500	28,100	28,100
80	26,400	26,400	20,200	19,900	27,600	26,700	29,700	29,700	27,400	27,400	25,500	25,500
85	23,700	23,700	19,000	18,800	26,100	25,400	27,000	27,000	24,700	24,700	22,800	22,800
90	21,400	21,400	17,900	17,800	24,800	24,200	24,600	24,600	22,300	22,300	20,500	20,500
95			16,800	16,700	23,600	23,200	22,500	22,500	20,200	20,200	18,400	18,400
100			15,800	15,800	22,100	22,100	20,600	20,600	18,300	18,300	16,600	16,600
105							19,000	19,000	16,700	16,700	15,000	15,000
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	16,400	16,400	15,300	15,300	17,500	17,500	15,700	15,700	13,000	13,000	10,900	10,900

1153010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



81,200 lbs



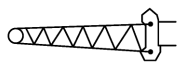
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	55,100	52,200	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	50,300	50,300	41,000	41,000	28,700	28,100
55	29,600	28,800	41,600	38,200	28,300	27,700	46,200	46,200	37,400	37,400	26,500	25,900
60	27,500	26,800	38,800	36,000	26,200	25,600	42,800	42,800	34,300	34,300	24,500	24,000
65	25,500	25,000	36,100	34,000	24,300	23,800	39,500	39,500	31,500	31,500	22,700	22,400
70	23,800	23,400	33,800	32,200	22,600	22,200	35,200	35,200	29,200	29,200	21,100	20,800
75	22,200	21,900	31,600	30,600	21,100	20,800	31,600	31,600	27,000	27,000	19,700	19,500
80	20,900	20,600	29,900	29,200	19,700	19,500	28,500	28,500	25,000	25,000	18,400	18,200
85	19,600	19,400	27,800	27,800	18,500	18,300	25,800	25,800	23,200	23,200	17,200	17,100
90	18,500	18,300	25,400	25,400	17,300	17,200	23,400	23,400	21,400	21,400	16,200	16,100
95	17,400	17,300	23,300	23,300	16,300	16,200	21,300	21,300	19,300	19,300	15,200	15,100
100	16,500	16,400	21,400	21,400	15,400	15,300	19,400	19,400	17,400	17,400	14,500	14,400
105	15,600	15,500	19,700	19,700	14,600	14,600	17,700	17,700	15,800	15,800	13,600	13,600
110	14,900	14,900	18,200	18,200	13,700	13,700	16,200	16,200	14,400	14,400	12,900	12,800
115	14,200	14,200	16,800	16,800	12,900	12,900	14,900	14,900	13,000	13,000	12,200	12,200
120							13,700	13,700	11,800	11,800	11,500	11,500
125											10,900	10,900
130											10,300	10,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	13,700	13,700	13,200	13,200	12,200	12,200	10,900	10,900	8,600	8,600	9,800	9,800

1153010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



81,200 lbs



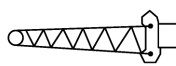
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	46,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	44,200	40,400	36,700	36,700	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	40,800	38,200	33,700	33,700	32,600	31,000	22,800	22,600	33,000	33,000
65	28,200	27,300	37,900	36,300	31,000	31,000	30,600	29,300	21,000	20,900	30,400	30,400
70	26,400	25,600	35,200	34,500	28,800	28,800	28,800	27,700	19,500	19,400	28,400	28,400
75	24,800	24,100	32,400	32,400	26,700	26,700	27,200	26,100	18,000	18,000	26,400	26,400
80	23,400	22,800	29,300	29,300	24,800	24,800	25,700	24,800	16,800	16,800	24,500	24,500
85	22,000	21,500	26,600	26,600	23,100	23,100	24,300	23,500	15,600	15,600	22,800	22,800
90	20,800	20,400	24,200	24,200	21,500	21,500	23,000	22,300	14,700	14,700	21,300	21,300
95	19,700	19,400	22,100	22,100	20,000	20,000	21,900	21,300	13,700	13,700	19,900	19,900
100	18,700	18,400	20,200	20,200	18,500	18,500	20,600	20,300	12,800	12,800	18,600	18,600
105	17,800	17,500	18,500	18,500	16,800	16,800	18,900	18,900	11,900	11,900	17,400	17,400
110	16,900	16,700	17,000	17,000	15,400	15,400	17,400	17,400	11,200	11,200	16,100	16,100
115	16,100	15,900	15,700	15,700	14,100	14,100	16,000	16,000	10,500	10,500	14,900	14,900
120	15,400	15,300	14,500	14,500	12,800	12,800	14,900	14,900	9,800	9,800	13,600	13,600
125	14,800	14,700	13,400	13,400	11,700	11,700	13,700	13,700	9,200	9,200	12,500	12,500
130	13,800	13,800	12,300	12,300	10,700	10,700	12,700	12,700	8,600	8,600	11,500	11,500
135			11,400	11,400	9,700	9,700	11,700	11,700	8,100	8,100	10,500	10,500
140							10,800	10,800	7,600	7,600	9,600	9,600
145							10,000	10,000	7,100	7,100	8,800	8,800
150							9,300	9,300	6,700	6,700	8,100	8,100
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	10,800	10,800	9,100	9,100	7,200	7,200	7,400	7,400	6,600	6,600	6,000	6,000

1153020

**Rated Lifting
Capacities in
Pounds**



Full



10 ft Hydraulic Offset Fly



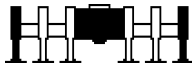
81,200 lbs



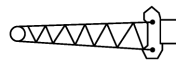
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	29,300	29,300	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	27,200	27,200	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	25,300	25,300	19,000	18,800	21,200	20,800	19,600	19,600
80	16,200	16,200	18,400	18,200	23,600	23,600	17,700	17,600	19,900	19,600	19,100	18,900
85	15,100	15,100	17,200	17,100	22,000	22,000	16,600	16,500	18,700	18,400	18,000	17,800
90	14,300	14,300	16,100	16,000	20,500	20,500	15,500	15,500	17,600	17,400	16,900	16,700
95	13,300	13,300	15,100	15,000	19,200	19,200	14,700	14,700	16,600	16,400	15,900	15,800
100	12,400	12,400	14,200	14,200	18,000	18,000	13,800	13,800	15,600	15,500	15,000	15,000
105	11,600	11,600	13,300	13,300	16,900	16,900	12,900	12,900	14,700	14,600	14,200	14,100
110	10,900	10,900	12,600	12,600	15,800	15,800	12,200	12,200	13,900	13,800	13,400	13,400
115	10,200	10,200	11,800	11,800	15,000	15,000	11,500	11,500	13,100	13,100	12,700	12,700
120	9,500	9,500	11,100	11,100	14,000	14,000	10,800	10,800	12,300	12,300	12,000	12,000
125	8,900	8,900	10,500	10,500	12,900	12,900	10,200	10,200	11,500	11,500	11,400	11,400
130	8,400	8,400	9,900	9,900	11,900	11,900	9,600	9,600	10,700	10,700	10,800	10,800
135	7,900	7,900	9,300	9,300	10,900	10,900	9,000	9,000	10,000	10,000	10,200	10,200
140	7,400	7,400	8,800	8,800	10,000	10,000	8,500	8,500	9,200	9,200	9,600	9,600
145	6,900	6,900	8,300	8,300	9,200	9,200	8,000	8,000	8,400	8,400	9,000	9,000
150	6,500	6,500	7,800	7,800	8,400	8,400	7,600	7,600	7,600	7,600	8,200	8,200
155	6,100	6,100	7,400	7,400	7,700	7,700	7,100	7,100	6,900	6,900	7,500	7,500
160	5,700	5,700	7,000	7,000	7,100	7,100	6,700	6,700	6,200	6,200	6,800	6,800
165	5,400	5,300	6,400	6,400	6,500	6,500	6,300	6,300	5,600	5,600	6,200	6,200
170							6,000	6,000	5,000	5,000	5,600	5,600
175							5,600	5,600	4,500	4,500	5,100	5,100
180							5,300	5,300	4,000	4,000	4,600	4,600
185											4,100	4,100
190											3,600	3,600
195											3,200	3,200
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	181.5	181.5	184.2	184.2	198.8	198.8
Capacity	5,300	5,300	4,700	4,700	4,700	4,700	3,900	3,900	2,300	2,300	1,700	1,700

1153010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,200	11,200	11,200	
125									10,600	10,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,600	10,600	10,600	10,900

1152010



Full



32.5 ft Hydraulic Offset Fly



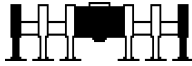
81,200 lbs



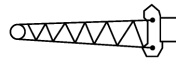
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,300	10,400	10,400	10,400	8,700	8,800	8,900	9,000
125	9,800	9,800	9,800	9,800	8,100	8,200	8,300	8,400
130	9,200	9,200	9,300	9,300	7,600	7,600	7,800	7,900
135	8,700	8,700	8,800	8,800	7,100	7,100	7,300	7,400
140	8,200	8,200	8,300	8,300	6,600	6,700	6,800	6,900
145	7,800	7,800	7,800		6,200	6,200	6,300	6,400
150	7,300	7,300	7,300		5,800	5,800	5,900	6,000
155	6,900	6,900	6,900		5,400	5,400	5,500	5,600
160					5,000	5,000	5,100	5,200
165					4,600	4,700	4,700	4,800
170					4,300	4,300	4,400	4,400
175					4,000	4,000	4,100	
180					3,700	3,700	3,800	
185					3,400	3,400	3,400	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	6,800	6,800	6,800	7,000	3,300	3,300	3,300	3,400

1152010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	12,700	12,700	13,100	13,600
105	11,800	11,800	11,900	12,000	12,700	12,700	12,800	12,800
110	11,100	11,100	11,200	11,300	12,100	12,100	12,100	12,100
115	10,400	10,400	10,500	10,600	11,400	11,400	11,500	11,500
120	9,800	9,800	9,900	10,000	10,800	10,800	10,800	10,800
125	9,200	9,200	9,300	9,400	10,200	10,200	10,200	10,200
130	8,600	8,600	8,700	8,800	9,600	9,600	9,600	9,700
135	8,100	8,100	8,200	8,300	9,100	9,100	9,100	9,200
140	7,600	7,600	7,700	7,800	8,500	8,600	8,600	8,700
145	7,100	7,100	7,200	7,300	8,100	8,100	8,100	8,200
150	6,700	6,700	6,800	6,900	7,600	7,600	7,700	7,700
155	6,300	6,300	6,400	6,400	7,200	7,200	7,300	7,300
160	5,900	5,900	6,000	6,000	6,800	6,800	6,900	6,900
165	5,500	5,500	5,600	5,700	6,300	6,400	6,500	6,500
170	5,100	5,200	5,200	5,300	5,700	5,800	6,000	6,200
175	4,800	4,800	4,900	4,900	5,200	5,200	5,500	5,700
180	4,500	4,500	4,600	4,600	4,600	4,700	4,900	5,100
185	4,200	4,200	4,300	4,300	4,200	4,200	4,400	4,600
190	3,900	3,900	4,000		3,700	3,700	3,900	4,100
195	3,700	3,700	3,700		3,300	3,300	3,500	3,600
200	3,400	3,400	3,400		2,900	2,900	3,000	3,100
205					2,500	2,500	2,600	2,600
210					2,100	2,200	2,200	
215					1,800	1,800		
Min Angle	0.0	0.0	0.0	0.0	12.0	12.5	20.5	23.5
Max Rad.	204.0	204.1	203.7	201.6	220.0	220.0	215.0	210.0
Capacity	2,200	2,200	2,200	2,200	0	0	0	0

1152010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



81,200 lbs



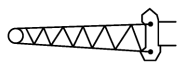
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,500	15,400	15,400	15,400
105									14,600	14,600	14,500	
110									13,800	13,800	13,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	13,700	13,600	13,700	14,200

1152020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



81,200 lbs

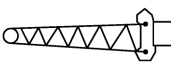


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,200	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	12,400	12,400	12,400	12,400	10,300	10,400	10,500	10,600
115	11,700	11,700	11,700	11,700	9,600	9,700	9,800	9,900
120	11,100	11,100	11,100	11,100	9,000	9,000	9,200	9,300
125	10,400	10,400	10,500	10,500	8,400	8,500	8,600	8,700
130	9,800	9,800	9,800	9,800	7,900	7,900	8,000	8,100
135	9,200	9,200	9,300		7,400	7,400	7,500	7,600
140	8,700	8,700	8,700		6,900	6,900	7,000	7,100
145					6,400	6,400	6,500	6,600
150					6,000	6,000	6,100	6,200
155					5,600	5,600	5,700	5,700
160					5,200	5,200	5,300	5,300
165					4,900	4,900	4,900	
170					4,500	4,500	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	8,500	8,500	8,600	8,700	4,300	4,300	4,400	4,500

1152020



Full



32.5 ft Hydraulic Offset Fly



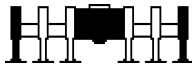
81,200 lbs



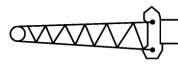
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	15,700	15,700	15,700	15,600
95	13,900	13,900	13,900	13,900	15,000	14,900	14,800	14,800
100	13,000	13,000	13,100	13,100	14,100	14,100	14,000	14,000
105	12,200	12,200	12,300	12,300	13,300	13,300	13,200	13,200
110	11,400	11,500	11,500	11,600	12,600	12,500	12,500	12,500
115	10,700	10,800	10,800	10,900	11,800	11,800	11,800	11,800
120	10,100	10,100	10,200	10,300	11,200	11,200	11,200	11,200
125	9,500	9,500	9,600	9,700	10,600	10,600	10,600	10,600
130	8,900	8,900	9,000	9,100	10,000	10,000	10,000	10,000
135	8,400	8,400	8,500	8,500	9,400	9,400	9,500	9,500
140	7,900	7,900	8,000	8,000	8,900	8,900	9,000	9,000
145	7,400	7,400	7,500	7,600	8,400	8,400	8,500	8,500
150	6,900	7,000	7,000	7,100	7,800	7,900	8,000	8,100
155	6,500	6,500	6,600	6,700	7,200	7,300	7,600	7,600
160	6,100	6,100	6,200	6,300	6,500	6,600	6,900	7,100
165	5,800	5,800	5,800	5,900	5,900	6,000	6,200	6,500
170	5,400	5,400	5,500	5,500	5,300	5,400	5,600	5,800
175	5,100	5,100	5,100		4,700	4,800	5,000	5,200
180	4,800	4,800	4,800		4,200	4,300	4,500	4,600
185	4,500	4,500	4,500		3,800	3,800	4,000	4,000
190					3,300	3,300	3,500	3,500
195					2,900	2,900	3,000	
200					2,500	2,500		
Min Angle	0.0	0.0	0.0	0.0	12.5	13.0	21.0	6.5
Max Rad.	189.0	189.1	188.7	186.6	205.0	205.0	200.0	199.1
Capacity	2,900	2,900	3,000	3,000	0	0	0	0

1152020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1152030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



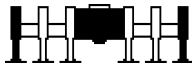
81,200 lbs



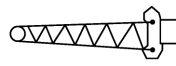
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	8,000	8,000	7,700	7,400	6,600	6,600	6,800	7,100
145	7,500	7,600	7,600	7,400	6,100	6,200	6,400	6,600
150	7,200	7,200	7,200	7,300	5,700	5,800	6,000	6,200
155	6,700	6,800	6,900	6,900	5,300	5,400	5,600	5,800
160	6,400	6,400	6,500	6,500	5,000	5,000	5,200	5,400
165	6,000	6,000	6,100	6,100	4,600	4,700	4,800	5,000
170	5,700	5,700	5,700		4,300	4,300	4,500	4,700
175	5,400	5,400	5,400		4,000	4,000	4,200	4,300
180					3,700	3,700	3,900	4,000
185					3,400	3,500	3,600	3,700
190					3,200	3,200	3,300	3,300
195					2,900	3,000	3,000	3,000
200					2,700	2,700	2,800	
205					2,500	2,500	2,500	
210					2,300	2,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	179.4	179.4	178.7	175.4	211.1	211.2	210.4	206.9
Capacity	5,100	5,200	5,200	5,400	2,300	2,300	2,300	2,400

1152030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	10,100	9,600	8,500	7,900	9,200	9,200	8,600	7,900
120	9,500	9,400	8,400	7,800	9,200	9,200	8,500	7,900
125	8,900	8,900	8,300	7,700	9,200	9,200	8,400	7,800
130	8,400	8,400	8,200	7,700	9,200	9,200	8,300	7,700
135	7,800	7,900	8,100	7,600	8,700	8,700	8,200	7,700
140	7,400	7,400	7,600	7,500	8,200	8,200	8,200	7,600
145	6,900	7,000	7,100	7,300	7,700	7,800	7,900	7,500
150	6,500	6,500	6,700	6,900	7,300	7,300	7,500	7,500
155	6,100	6,100	6,300	6,500	6,900	6,900	7,000	7,200
160	5,700	5,800	5,900	6,100	6,500	6,500	6,700	6,800
165	5,400	5,400	5,600	5,700	6,100	6,200	6,300	6,400
170	5,000	5,100	5,200	5,400	5,800	5,800	5,900	6,100
175	4,700	4,700	4,900	5,000	5,400	5,500	5,600	5,700
180	4,400	4,400	4,600	4,700	5,100	5,200	5,300	5,400
185	4,100	4,100	4,300	4,400	4,700	4,800	5,000	5,100
190	3,800	3,900	4,000	4,100	4,300	4,400	4,700	4,800
195	3,600	3,600	3,700	3,800	3,800	3,900	4,300	4,500
200	3,300	3,300	3,400	3,500	3,400	3,500	3,800	4,100
205	3,100	3,100	3,200	3,200	3,000	3,100	3,400	3,700
210	2,900	2,900	3,000	2,900	2,700	2,800	3,000	3,200
215	2,700	2,700	2,700		2,300	2,400	2,600	2,800
220	2,500	2,500	2,500		2,000	2,100	2,300	2,300
225	2,300	2,300			1,700	1,700	1,900	1,800
230					1,400	1,400	1,600	
235					1,100	1,200		
Min Angle	0.0	0.0	0.0	0.0	19.0	18.5	23.0	19.5
Max Rad.	226.5	226.6	225.7	222.1	237.5	238.3	235.0	229.6
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

1152030

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



81,200 lbs



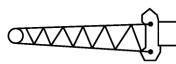
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1152040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



81,200 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,800	7,900	8,000	7,500
135	8,600	8,000	7,600	7,400	7,300	7,400	7,600	7,500
140	8,400	7,900	7,500	7,400	6,800	6,900	7,100	7,300
145	8,000	7,800	7,500	7,400	6,400	6,400	6,600	6,800
150	7,600	7,600	7,500	7,400	6,000	6,000	6,200	6,400
155	7,200	7,200	7,300		5,600	5,600	5,800	6,000
160	6,800	6,800	6,800		5,200	5,300	5,400	5,600
165					4,900	4,900	5,100	5,200
170					4,500	4,600	4,700	4,800
175					4,200	4,300	4,400	4,400
180					3,900	4,000	4,100	4,100
185					3,700	3,700	3,800	
190					3,400	3,400	3,500	
195					3,200	3,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	6,500	6,500	6,600	6,800	3,200	3,200	3,200	3,300

1152040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



81,200 lbs



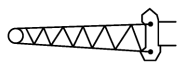
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	11,300	10,000	8,800	8,000
110	11,000	9,700	8,600	7,900	11,200	9,800	8,700	7,900
115	10,400	9,500	8,400	7,800	11,000	9,700	8,600	7,900
120	9,800	9,300	8,300	7,800	10,700	9,500	8,500	7,800
125	9,200	9,200	8,200	7,700	10,100	9,400	8,400	7,800
130	8,700	8,700	8,100	7,600	9,600	9,200	8,300	7,700
135	8,200	8,200	8,100	7,600	9,000	9,100	8,200	7,600
140	7,700	7,700	7,900	7,500	8,500	8,600	8,100	7,600
145	7,200	7,300	7,400	7,500	8,100	8,100	8,000	7,500
150	6,800	6,800	7,000	7,100	7,600	7,700	7,800	7,500
155	6,400	6,400	6,600	6,700	7,200	7,300	7,400	7,400
160	6,000	6,000	6,200	6,300	6,800	6,900	7,000	7,100
165	5,600	5,700	5,800	5,900	6,500	6,500	6,600	6,700
170	5,300	5,300	5,500	5,600	6,000	6,100	6,200	6,300
175	5,000	5,000	5,100	5,200	5,500	5,600	5,900	6,000
180	4,700	4,700	4,800	4,900	4,900	5,100	5,500	5,700
185	4,400	4,400	4,500	4,600	4,500	4,600	4,900	5,300
190	4,100	4,100	4,200	4,200	4,000	4,100	4,400	4,700
195	3,800	3,900	3,900	3,900	3,600	3,600	4,000	4,200
200	3,600	3,600	3,700		3,200	3,200	3,500	3,700
205	3,400	3,400	3,400		2,800	2,800	3,100	3,200
210	3,200	3,200			2,400	2,500	2,700	2,600
215					2,100	2,100	2,300	
220					1,700	1,800		
Min Angle	0.0	0.0	0.0	0.0	16.5	17.5	24.0	25.5
Max Rad.	211.5	211.6	210.7	207.2	225.0	225.0	220.0	215.0
Capacity	2,000	2,100	2,100	2,100	0	0	0	0

1152040

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1152050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



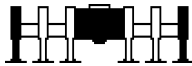
81,200 lbs



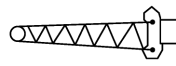
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,800	4,800	5,100	5,300
160	5,600	5,300	5,100	5,100	4,400	4,500	4,700	4,900
165	5,300	5,200	5,000	5,000	4,100	4,100	4,400	4,600
170	5,000	5,000	4,900	4,900	3,800	3,800	4,000	4,200
175	4,700	4,700	4,800	4,800	3,500	3,500	3,700	3,900
180	4,400	4,400	4,500	4,500	3,200	3,200	3,400	3,600
185	4,100	4,100	4,200		2,900	3,000	3,100	3,300
190	3,900	3,900	3,900		2,600	2,700	2,900	3,000
195	3,600	3,600	3,700		2,400	2,400	2,600	2,700
200					2,200	2,200	2,300	2,400
205					1,900	2,000	2,100	2,100
210					1,700	1,800	1,900	1,900
215					1,500	1,600	1,600	
220					1,400	1,400	1,400	
225					1,200	1,200	1,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	197.4	197.4	196.6	193.2	229.1	229.2	228.3	224.7
Capacity	3,600	3,600	3,600	3,700	1,100	1,100	1,100	1,200

1152050

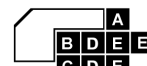
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



81,200 lbs



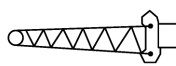
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,500	6,800	6,200	5,900	7,000	6,900	6,300	6,000
135	7,200	6,600	6,100	5,800	7,000	6,800	6,200	5,900
140	6,700	6,500	6,000	5,700	7,000	6,600	6,100	5,800
145	6,300	6,300	5,900	5,600	7,000	6,500	6,000	5,700
150	5,900	5,900	5,700	5,500	6,600	6,400	5,800	5,600
155	5,500	5,500	5,600	5,400	6,200	6,200	5,800	5,500
160	5,100	5,200	5,400	5,400	5,800	5,800	5,700	5,400
165	4,800	4,800	5,000	5,200	5,400	5,500	5,600	5,400
170	4,400	4,500	4,700	4,900	5,100	5,100	5,300	5,300
175	4,100	4,200	4,300	4,500	4,800	4,800	5,000	5,100
180	3,800	3,900	4,000	4,200	4,500	4,500	4,700	4,800
185	3,500	3,600	3,700	3,900	4,200	4,200	4,400	4,500
190	3,200	3,300	3,500	3,600	3,900	3,900	4,100	4,200
195	3,000	3,000	3,200	3,300	3,600	3,700	3,800	3,900
200	2,700	2,800	2,900	3,100	3,400	3,400	3,500	3,700
205	2,500	2,500	2,700	2,800	3,000	3,100	3,300	3,400
210	2,300	2,300	2,400	2,500	2,600	2,700	3,000	3,200
215	2,100	2,100	2,200	2,300	2,300	2,300	2,600	2,900
220	1,900	1,900	2,000	2,000	1,900	2,000	2,300	2,500
225	1,700	1,700	1,800	1,800	1,600	1,700	1,900	2,100
230	1,500	1,500	1,600		1,300	1,400	1,600	1,700
235	1,300	1,300				1,100	1,300	1,300
Min Angle	17.5	18.0	24.0	25.0	33.0	32.5	33.0	33.0
Max Rad.	240.0	240.0	235.0	230.0	235.0	236.7	240.0	238.8
Capacity	0	0	0	0	0	0	0	0

1152050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



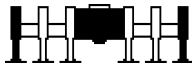
81,200 lbs



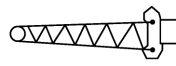
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1152060

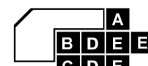
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



81,200 lbs



360°



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,800	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,400	5,500	5,500	5,300
155	5,400	5,200	5,000	5,000	5,000	5,100	5,300	5,200
160	5,300	5,000	4,900	4,900	4,700	4,700	4,900	5,100
165	5,100	4,900	4,800	4,800	4,300	4,400	4,600	4,800
170	5,000	4,800	4,800	4,800	4,000	4,100	4,300	4,400
175	4,800	4,700	4,700		3,700	3,800	3,900	4,100
180	4,600	4,600	4,600		3,400	3,500	3,600	3,800
185					3,100	3,200	3,300	3,400
190					2,900	2,900	3,100	3,100
195					2,600	2,700	2,800	2,800
200					2,400	2,400	2,500	
205					2,200	2,200	2,300	
210					2,000	2,000	2,000	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	182.8	182.9	182.1	178.8	214.6	214.6	213.8	210.3
Capacity	4,600	4,600	4,600	4,700	1,900	1,900	1,900	2,000

1152060



Full



73 ft Hydraulic Offset Fly



81,200 lbs



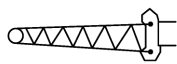
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	8,000	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	7,800	7,000	6,400	6,000
130	7,400	6,700	6,100	5,800	7,700	6,900	6,300	5,900
135	7,200	6,600	6,000	5,700	7,500	6,700	6,100	5,800
140	7,000	6,400	5,900	5,600	7,300	6,600	6,000	5,700
145	6,600	6,200	5,800	5,500	7,100	6,400	5,900	5,600
150	6,200	6,100	5,600	5,400	6,900	6,300	5,800	5,500
155	5,800	5,800	5,500	5,400	6,500	6,200	5,700	5,500
160	5,400	5,400	5,400	5,300	6,100	6,000	5,600	5,400
165	5,000	5,100	5,300	5,200	5,800	5,800	5,500	5,300
170	4,700	4,700	4,900	5,100	5,400	5,400	5,400	5,300
175	4,400	4,400	4,600	4,700	5,100	5,100	5,300	5,200
180	4,100	4,100	4,300	4,400	4,800	4,800	4,900	5,100
185	3,800	3,800	4,000	4,100	4,500	4,500	4,600	4,800
190	3,500	3,500	3,700	3,800	4,000	4,100	4,400	4,500
195	3,200	3,300	3,400	3,500	3,600	3,700	4,000	4,200
200	3,000	3,000	3,100	3,200	3,200	3,300	3,600	3,900
205	2,800	2,800	2,900	2,900	2,800	2,900	3,200	3,400
210	2,500	2,600	2,700	2,700	2,400	2,500	2,800	3,000
215	2,300	2,400	2,400		2,000	2,100	2,400	2,600
220	2,100	2,200	2,200		1,700	1,800	2,000	2,100
225					1,400	1,500	1,700	1,700
230					1,100	1,200	1,300	1,200
Min Angle	17.0	18.0	6.5	6.5	26.5	26.0	26.5	25.0
Max Rad.	225.0	225.0	223.4	223.4	231.7	233.3	235.0	232.0
Capacity	0	0	0	0	0	0	0	0

1152060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



81,200 lbs



360°



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1152070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



81,200 lbs



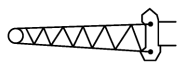
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,900	3,000	3,200	3,500
180	3,400	3,200	3,200	3,200	2,700	2,700	2,900	3,200
185	3,200	3,100	3,000	3,000	2,400	2,400	2,700	2,900
190	3,100	3,000	2,900	2,900	2,100	2,200	2,400	2,600
195	3,000	2,900	2,900	2,900	1,900	1,900	2,100	2,300
200	2,800	2,800	2,800	2,800	1,700	1,700	1,900	2,000
205	2,500	2,600	2,600		1,400	1,500	1,600	1,800
210	2,300	2,400	2,400		1,200	1,300	1,400	1,500
215	2,200	2,200				1,100	1,200	1,300
Min Angle	0.0	0.0	0.0	0.0	35.0	34.5	35.5	36.0
Max Rad.	215.4	215.4	214.6	211.0	215.0	217.5	220.0	220.0
Capacity	2,200	2,200	2,200	2,300	0	0	0	0

1152070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



81,200 lbs



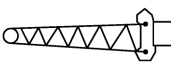
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	5,200	5,000	4,700	4,500
145	5,100	4,700	4,400	4,300	5,200	4,900	4,600	4,400
150	5,000	4,600	4,300	4,200	5,100	4,700	4,400	4,300
155	4,800	4,500	4,200	4,100	5,000	4,600	4,300	4,200
160	4,500	4,400	4,100	4,000	4,900	4,500	4,200	4,100
165	4,200	4,200	4,000	3,900	4,800	4,400	4,100	4,000
170	3,800	3,900	3,900	3,800	4,400	4,300	4,000	3,900
175	3,500	3,600	3,800	3,700	4,100	4,200	3,900	3,900
180	3,200	3,300	3,500	3,700	3,800	3,900	3,900	3,800
185	2,900	3,000	3,200	3,400	3,500	3,600	3,800	3,700
190	2,700	2,700	2,900	3,100	3,300	3,300	3,500	3,600
195	2,400	2,500	2,700	2,800	3,000	3,000	3,200	3,400
200	2,200	2,200	2,400	2,600	2,700	2,800	3,000	3,100
205	1,900	2,000	2,200	2,300	2,500	2,500	2,700	2,900
210	1,700	1,800	1,900	2,100	2,300	2,300	2,500	2,600
215	1,500	1,600	1,700	1,800	2,000	2,100	2,200	2,400
220	1,300	1,400	1,500	1,600	1,800	1,900	2,000	2,200
225	1,100	1,200	1,300	1,400	1,500	1,600	1,800	1,900
230			1,100	1,200	1,200	1,300	1,500	1,700
235							1,200	1,400
240								1,100
Min Angle	36.5	36.0	36.5	36.5	41.0	41.0	41.5	41.5
Max Rad.	227.5	230.0	232.5	233.3	233.3	235.0	238.3	241.3
Capacity	0	0	0	0	0	0	0	0

1152070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



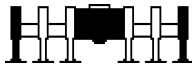
81,200 lbs



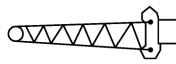
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1152080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,200	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,800	3,900	3,700	3,700
170	3,300	3,200	3,100	3,100	3,500	3,600	3,600	3,600
175	3,200	3,100	3,000	3,000	3,200	3,300	3,500	3,500
180	3,000	3,000	2,900	2,900	2,900	3,000	3,200	3,400
185	2,900	2,800	2,800	2,800	2,600	2,700	2,900	3,000
190	2,800	2,700	2,700		2,400	2,400	2,600	2,800
195	2,700	2,600	2,600		2,100	2,200	2,300	2,500
200	2,500	2,500			1,900	1,900	2,100	2,200
205					1,700	1,700	1,900	1,900
210					1,500	1,500	1,600	1,600
215					1,300	1,300	1,400	1,400
220					1,100	1,100	1,200	
Min Angle	0.0	0.0	0.0	0.0	22.0	22.5	21.0	16.5
Max Rad.	200.8	200.9	200.0	196.6	222.5	222.5	225.0	218.4
Capacity	2,500	2,500	2,600	2,700	0	0	0	0

1152080



Full



91 ft Hydraulic Offset Fly



81,200 lbs



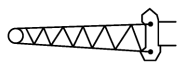
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,500	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	5,400	4,900	4,600	4,400
145	5,000	4,600	4,300	4,200	5,200	4,800	4,500	4,300
150	4,800	4,500	4,200	4,100	5,100	4,700	4,400	4,200
155	4,700	4,400	4,100	4,000	4,900	4,500	4,300	4,100
160	4,500	4,200	4,000	3,900	4,800	4,400	4,200	4,000
165	4,400	4,100	3,900	3,800	4,600	4,300	4,000	3,900
170	4,100	4,000	3,800	3,700	4,500	4,200	3,900	3,900
175	3,800	3,800	3,700	3,600	4,400	4,100	3,800	3,800
180	3,500	3,500	3,600	3,500	4,100	4,000	3,800	3,700
185	3,200	3,300	3,400	3,500	3,800	3,900	3,700	3,600
190	2,900	3,000	3,200	3,300	3,600	3,600	3,600	3,500
195	2,700	2,700	2,900	3,100	3,300	3,300	3,500	3,500
200	2,400	2,500	2,600	2,800	3,000	3,100	3,200	3,400
205	2,200	2,300	2,400	2,500	2,700	2,800	3,000	3,100
210	2,000	2,000	2,200	2,300	2,300	2,400	2,700	2,900
215	1,800	1,800	1,900	2,000	2,000	2,100	2,400	2,600
220	1,600	1,600	1,700	1,800	1,700	1,700	2,000	2,300
225	1,400	1,400	1,500	1,500	1,300	1,400	1,700	1,900
230	1,200	1,200	1,300	1,300		1,100	1,300	1,500
235		1,100	1,100					1,100
Min Angle	24.5	23.0	24.0	24.0	36.5	36.5	37.0	36.5
Max Rad.	235.0	237.5	237.5	233.3	230.0	231.7	235.0	236.3
Capacity	0	0	0	0	0	0	0	0

1152080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1152090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



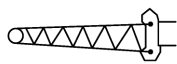
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,900	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,600	1,700	1,900	2,200
195	1,800	1,700	1,700	1,700	1,400	1,400	1,700	1,900
200	1,700	1,600	1,600	1,600	1,200	1,200	1,400	1,600
205	1,600	1,500	1,500	1,500			1,200	1,400
210	1,500	1,400	1,400	1,400				1,100
215	1,400	1,400	1,400	1,400				
220	1,300	1,300	1,300					
225	1,200	1,200	1,200					
230	1,000	1,000	1,100					
Min Angle	0.0	0.0	0.0	0.0	46.0	46.0	46.5	47.0
Max Rad.	233.4	233.4	232.5	228.9	203.3	205.0	210.0	212.5
Capacity	1,000	1,000	1,000	1,000	0	0	0	0

1152090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,800	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	3,600	3,400	3,300	3,200
160	3,400	3,200	3,000	3,000	3,500	3,300	3,200	3,100
165	3,200	3,100	2,900	2,900	3,400	3,200	3,100	3,000
170	3,100	3,000	2,800	2,800	3,300	3,100	3,000	2,900
175	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
180	2,700	2,700	2,600	2,600	3,100	2,900	2,800	2,700
185	2,400	2,500	2,500	2,500	2,900	2,800	2,700	2,600
190	2,100	2,200	2,400	2,400	2,700	2,700	2,600	2,600
195	1,900	1,900	2,200	2,300	2,400	2,500	2,500	2,500
200	1,600	1,700	1,900	2,100	2,100	2,200	2,400	2,400
205	1,400	1,500	1,700	1,900	1,900	2,000	2,200	2,300
210	1,200	1,200	1,400	1,600	1,700	1,700	1,900	2,100
215			1,200	1,400	1,500	1,500	1,700	1,900
220				1,200	1,300	1,300	1,500	1,700
225					1,100	1,100	1,300	1,400
230							1,100	1,200
Min Angle	47.0	47.5	48.0	48.0	48.0	49.0	49.0	50.0
Max Rad.	215.0	215.0	220.0	223.3	227.5	227.5	232.5	235.0
Capacity	0	0	0	0	0	0	0	0

1152090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



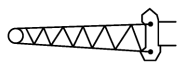
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1152100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



360°



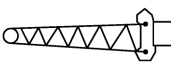
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,400	2,400	2,300	2,300
185	1,700	1,700	1,700	1,700	2,100	2,200	2,200	2,200
190	1,600	1,600	1,600	1,600	1,900	1,900	2,100	2,100
195	1,500	1,500	1,500	1,500	1,600	1,700	1,900	2,000
200	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,800
205	1,300	1,300	1,300		1,200	1,200	1,400	1,600
210	1,200	1,200	1,200				1,200	1,300
215	1,100	1,100	1,100					1,100
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.5
Max Rad.	218.8	218.8	218.0	214.4	210.0	210.0	215.0	216.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1152100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



81,200 lbs



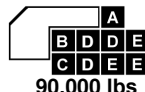
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,700	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	3,600	3,300	3,200	3,100
160	3,200	3,000	2,900	2,900	3,400	3,200	3,100	3,000
165	3,100	2,900	2,800	2,800	3,300	3,100	3,000	2,900
170	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
175	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
180	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
185	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,500
190	2,400	2,400	2,300	2,300	2,700	2,600	2,500	2,400
195	2,100	2,200	2,200	2,200	2,600	2,500	2,400	2,400
200	1,900	2,000	2,100	2,100	2,400	2,400	2,300	2,300
205	1,700	1,700	1,900	2,000	2,200	2,300	2,200	2,200
210	1,400	1,500	1,700	1,800	2,000	2,000	2,100	2,100
215	1,200	1,300	1,400	1,600	1,800	1,800	2,000	2,000
220		1,100	1,200	1,400	1,500	1,600	1,800	1,900
225				1,100	1,200	1,300	1,500	1,700
230							1,300	1,500
235								1,200
Min Angle	40.5	40.0	41.0	41.0	43.5	43.5	43.5	44.0
Max Rad.	220.0	222.5	225.0	227.5	228.3	230.0	235.0	238.3
Capacity	0	0	0	0	0	0	0	0

1152100

Rated Lifting Capacities in Pounds



Full



90,000 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	240,000	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	215,300	147,500	191,800	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	184,700	135,200	187,200	186,400	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	148,000	118,800	151,000	150,100	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	122,600	106,000	125,600	124,800	69,500	97,700	105,900	111,000	64,500	62,300	90,300	92,200
30	103,700	95,900	105,800	106,000	62,300	87,200	94,700	99,000	57,700	55,800	80,800	82,500
35		87,700	90,700	89,600	56,400	78,800	85,700	89,200	52,100	50,500	73,000	74,400
40		78,500	77,600	78,900	51,500	71,700	78,100	79,500	47,600	46,000	66,500	67,700
45		70,300	69,400	68,400	46,800	65,900	70,700	69,000	43,600	42,200	61,000	62,000
50					42,600	60,900	62,300	60,600	40,300	39,000	56,300	57,100
55					39,100	56,300	54,700	52,900	37,400	36,200	52,300	52,900
60					36,200	49,500	47,900	46,200	34,900	33,500	48,800	48,000
65								40,600	32,700	31,000	44,500	42,500
70									30,800	28,900	39,800	37,800
75									29,100	27,000	35,900	33,900
80												30,600
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	42,500	41,200	39,900	32,900	32,000	30,000	28,000	25,900	25,200	24,400	22,000

1160010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	97,000	53,600	69,100	82,900	89,100	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	85,700	48,100	62,600	74,300	79,100	67,300	48,500	66,100	46,600	76,200	63,000	43,200	50,100
35	76,300	43,600	57,100	67,100	70,800	60,000	44,000	60,900	42,300	68,500	56,500	39,300	47,100
40	68,600	39,700	52,500	61,100	63,900	53,900	40,200	55,900	38,600	62,100	51,000	35,900	43,400
45	62,200	36,400	48,500	56,000	58,100	48,800	36,900	51,400	35,400	56,600	46,300	32,900	40,100
50	56,700	33,600	45,100	51,600	53,100	44,400	34,100	47,400	32,600	51,800	42,200	30,400	37,200
55	51,900	31,200	42,100	47,800	48,800	40,500	31,600	44,000	30,200	47,800	38,600	28,200	34,700
60	45,500	29,000	39,400	44,500	45,000	37,100	29,500	41,000	28,000	44,200	35,500	26,200	32,400
65	40,000	27,100	37,100	41,600	41,600	34,200	27,500	38,300	26,100	41,000	32,800	24,400	30,400
70	35,400	25,500	35,000	38,900	37,000	31,500	25,800	35,900	24,500	38,100	30,300	22,800	28,600
75	31,500	24,000	33,100	35,600	33,000	29,200	24,300	33,800	22,900	34,600	28,100	21,400	27,000
80	28,200	22,600	31,500	32,200	29,800	27,000	22,900	31,900	21,600	31,300	26,100	20,100	25,600
85		21,300	30,000	29,300	26,800	24,900	21,600	30,100	20,300	28,400	24,300	19,000	24,200
90		20,100	28,400	26,700	24,300	22,300	20,500	27,900	19,200	25,800	22,600	17,900	23,000
95				24,500	22,000	20,100	19,400	25,700	18,200	23,500	21,100	16,900	21,900
100							18,500	23,600	17,200	21,500	19,400	16,000	20,900
105							17,600	21,800	16,300	19,700	17,700	15,200	19,900
110										18,100	16,100	14,400	19,100
115												13,700	18,300
120												13,100	17,500
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	19,200	19,400	20,300	18,300	15,300	13,000	16,600	15,500	15,500	13,000	10,500	12,600	12,900

1160010



Full



90,000 lbs



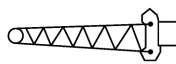
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	57,100	54,900	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	57,100	49,800	42,400	33,600	46,000	30,000	33,600	35,400	26,600	27,900	22,500
45	53,700	45,300	42,400	30,800	44,100	29,700	32,500	35,400	26,600	27,900	22,500
50	49,400	41,400	39,800	28,400	40,400	27,400	30,100	35,400	26,600	27,900	22,500
55	45,700	38,000	37,300	26,200	37,200	25,300	27,900	35,400	26,600	27,900	22,500
60	42,300	35,000	35,000	24,300	34,400	23,400	26,000	32,900	25,100	27,500	22,500
65	39,300	32,400	32,900	22,500	31,900	21,800	24,300	30,500	23,400	25,800	22,500
70	36,700	30,000	31,100	21,000	29,600	20,300	22,700	28,500	21,900	24,300	22,500
75	34,300	27,900	29,500	19,500	27,600	18,900	21,300	26,600	20,500	22,800	22,000
80	32,200	26,000	28,000	18,300	25,800	17,700	20,000	24,800	19,300	21,600	20,700
85	29,500	24,200	26,600	17,100	24,100	16,600	18,800	23,300	18,100	20,400	19,600
90	26,900	22,600	25,300	16,000	22,500	15,600	17,700	21,800	17,100	19,300	18,500
95	24,600	21,200	24,200	15,000	21,100	14,700	16,600	20,500	16,100	18,200	17,500
100	22,600	19,800	23,100	14,200	19,800	13,800	15,700	19,300	15,200	17,100	16,500
105	20,800	18,600	21,400	13,300	18,600	13,000	14,800	18,100	14,400	16,100	15,700
110	19,200	17,400	19,800	12,600	17,500	12,300	14,000	17,100	13,600	15,200	14,900
115	17,700	15,900	18,300	11,900	16,600	11,600	13,300	16,100	12,900	14,300	14,200
120	16,400	14,700	16,900	11,200	15,600	10,900	12,600	15,200	12,200	13,400	13,500
125	15,200	13,500	15,800	10,600	14,500	10,300	12,000	14,400	11,600	12,600	12,900
130			14,700	10,000	13,400	9,800	11,300	13,600	11,000	11,900	12,200
135			13,700	9,500	12,400	9,300	10,800	12,900	10,500	11,200	11,500
140			12,700	9,000	11,400	8,800	10,300	12,000	10,000	10,500	10,800
145						8,300	9,800	11,100	9,500	9,900	10,200
150						7,900	9,300	10,300	9,000	9,300	9,600
155						7,500	8,900	9,600	8,600	8,700	9,100
160									8,200	8,200	8,600
165									7,800	7,500	8,100
170									7,500	6,900	7,600
175											7,000
180											6,400
185											5,900
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	174.2	188.7
Capacity	11,100	9,000	9,200	8,800	7,800	7,400	6,400	6,400	5,500	3,900	3,300

1160010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



90,000 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	63,500	49,800	67,600	50,800	73,600	50,900	74,000	51,000	49,200	44,600	71,900	52,300
40	60,000	49,800	61,100	49,900	68,700	50,000	69,000	50,000	44,800	40,900	65,100	51,100
45			56,100	49,600	64,600	49,600	64,900	49,600	40,800	37,800	59,500	50,200
50			51,700	48,000	61,300	49,600	61,500	49,600	37,500	35,100	54,700	49,600
55			48,000	46,000	55,200	49,600	54,200	49,600	34,200	32,800	50,600	48,600
60									31,500	30,500	47,000	45,600
65									29,300	28,700	44,000	43,000
70									27,200	26,900	40,000	40,000
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	47,300	47,300	35,800	35,800	34,700	34,700	33,600	33,600	26,000	26,000	27,500	27,500

1163010

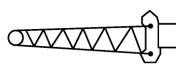
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	75,000	54,000	75,000	54,200	53,300	48,800	52,100	48,000	75,000	54,900	75,000	55,200
35	75,000	52,500	75,000	52,700	47,800	44,600	46,700	43,700	68,800	53,400	71,100	53,700
40	72,100	51,300	75,000	51,400	43,500	40,700	42,400	39,800	62,400	52,200	64,200	52,400
45	65,700	50,300	68,500	50,400	39,700	37,400	38,700	36,600	57,100	51,100	58,700	51,400
50	60,300	49,600	61,300	49,700	36,400	34,500	35,400	33,800	52,500	50,300	53,800	50,500
55	55,400	49,300	53,700	49,400	33,600	32,100	32,700	31,300	48,500	46,900	49,600	48,200
60	48,700	48,700	47,100	47,100	31,100	30,000	30,300	29,400	45,000	43,900	45,900	45,000
65	43,200	43,200	41,600	41,600	29,200	28,300	28,100	27,500	42,100	41,100	42,600	42,000
70	38,600	38,600	37,100	37,100	27,300	26,600	26,000	25,600	39,400	38,600	38,000	38,000
75			33,300	24,300	25,600	25,100	24,200	23,900	36,000	36,000	34,200	34,200
80					24,100	23,700	22,600	22,400	32,700	32,700	30,900	30,900
85					22,800	22,600	21,200	21,000	29,800	29,800	28,000	28,000
90											25,600	25,600
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	25,800	25,800	24,000	24,000	22,100	22,100	20,200	20,200	21,000	21,000	18,900	18,900

1163020

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



90,000 lbs

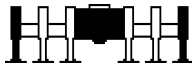


360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	75,000	55,400	45,300	42,600	58,300	52,000	71,500	55,300	75,000	55,700	65,800	55,800
35	74,800	54,000	40,900	38,600	52,700	47,600	64,200	54,000	69,400	54,500	58,700	54,600
40	67,100	52,700	37,000	35,200	48,000	44,000	58,400	52,800	62,400	53,300	52,600	52,400
45	60,600	51,600	33,700	32,200	44,200	40,800	53,300	51,500	56,800	52,200	47,400	47,400
50	55,300	50,700	30,900	30,000	40,800	37,900	48,900	47,500	51,800	51,300	43,200	43,200
55	50,500	50,000	28,700	27,800	37,800	35,400	45,100	44,200	47,400	47,400	39,300	39,300
60	45,800	45,800	26,600	25,800	35,200	33,200	42,000	41,100	43,800	43,800	35,900	35,900
65	40,300	40,300	24,700	24,100	32,900	31,200	39,000	38,300	40,500	40,500	33,000	33,000
70	35,800	35,800	23,100	22,500	30,900	29,700	36,500	35,900	36,800	36,800	30,300	30,300
75	32,000	32,000	21,600	21,100	29,200	28,100	34,200	33,700	32,900	32,900	28,100	28,100
80	28,700	28,700	20,200	19,900	27,600	26,700	31,900	31,700	29,700	29,700	26,000	26,000
85	25,900	25,900	19,000	18,800	26,100	25,400	29,100	29,100	26,800	26,800	24,100	24,100
90	23,400	23,400	17,900	17,800	24,800	24,200	26,600	26,600	24,300	24,300	22,400	22,400
95			16,800	16,700	23,600	23,200	24,400	24,400	22,100	22,100	20,300	20,300
100			15,800	15,800	22,600	22,300	22,400	22,400	20,100	20,100	18,400	18,400
105							19,800	19,800	18,400	18,400	16,600	16,600
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	16,400	16,400	15,300	15,300	17,500	17,500	15,700	15,700	13,000	13,000	10,900	10,900

1163010

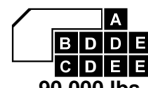
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



90,000 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,700	55,400	61,600	55,700	38,800	38,800
35	41,900	40,000	55,600	50,200	40,400	38,800	63,700	54,200	55,200	54,500	37,500	36,200
40	38,000	36,500	52,000	46,500	36,600	35,300	60,400	53,100	49,600	49,600	34,100	33,000
45	34,700	33,500	48,000	43,500	33,400	32,400	55,100	52,200	45,000	45,000	31,100	30,300
50	31,900	30,900	44,600	40,700	30,600	29,900	50,300	50,300	41,000	41,000	28,700	28,100
55	29,600	28,800	41,600	38,200	28,300	27,700	46,200	46,200	37,400	37,400	26,500	25,900
60	27,500	26,800	38,800	36,000	26,200	25,600	42,800	42,800	34,300	34,300	24,500	24,000
65	25,500	25,000	36,100	34,000	24,300	23,800	39,600	39,600	31,500	31,500	22,700	22,400
70	23,800	23,400	33,800	32,200	22,600	22,200	36,800	36,800	29,200	29,200	21,100	20,800
75	22,200	21,900	31,600	30,600	21,100	20,800	34,000	34,000	27,000	27,000	19,700	19,500
80	20,900	20,600	29,900	29,200	19,700	19,500	30,800	30,800	25,000	25,000	18,400	18,200
85	19,600	19,400	28,200	27,900	18,500	18,300	27,900	27,900	23,200	23,200	17,200	17,100
90	18,500	18,300	26,600	26,400	17,300	17,200	25,400	25,400	21,600	21,600	16,200	16,100
95	17,400	17,300	25,200	25,000	16,300	16,200	23,200	23,200	20,100	20,100	15,200	15,100
100	16,500	16,400	23,200	23,200	15,400	15,300	21,200	21,200	18,700	18,700	14,500	14,400
105	15,600	15,500	21,400	21,400	14,600	14,600	19,400	19,400	17,500	17,500	13,600	13,600
110	14,900	14,900	19,800	19,800	13,700	13,700	17,900	17,900	15,900	15,900	12,900	12,800
115	14,200	14,200	18,400	18,400	12,900	12,900	16,400	16,400	14,600	14,600	12,200	12,200
120							15,200	15,200	13,300	13,300	11,500	11,500
125											10,900	10,900
130											10,300	10,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	13,700	13,700	13,200	13,200	12,200	12,200	10,900	10,900	8,600	8,600	9,800	9,800

1163010

Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



90,000 lbs

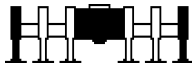


360°

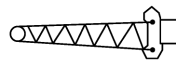
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	46,700	46,700	48,200	48,100	35,400	35,400	32,200	31,600	38,500	38,500
45	37,800	35,900	46,700	45,400	44,000	43,900	35,400	35,400	29,400	29,000	38,500	38,500
50	34,900	33,300	46,700	42,800	40,100	40,100	35,400	35,300	26,900	26,600	38,500	38,500
55	32,300	31,000	44,200	40,400	36,700	36,700	34,900	33,100	24,700	24,500	35,800	35,800
60	30,100	29,100	40,800	38,200	33,700	33,700	32,600	31,000	22,800	22,600	33,000	33,000
65	28,200	27,300	37,900	36,300	31,000	31,000	30,600	29,300	21,000	20,900	30,400	30,400
70	26,400	25,600	35,200	34,500	28,800	28,800	28,800	27,700	19,500	19,400	28,400	28,400
75	24,800	24,100	32,900	32,900	26,700	26,700	27,200	26,100	18,000	18,000	26,400	26,400
80	23,400	22,800	30,700	30,700	24,800	24,800	25,700	24,800	16,800	16,800	24,500	24,500
85	22,000	21,500	28,800	28,800	23,100	23,100	24,300	23,500	15,600	15,600	22,800	22,800
90	20,800	20,400	26,200	26,200	21,500	21,500	23,000	22,300	14,700	14,700	21,300	21,300
95	19,700	19,400	24,000	24,000	20,000	20,000	21,900	21,300	13,700	13,700	19,900	19,900
100	18,700	18,400	22,000	22,000	18,700	18,700	20,800	20,300	12,800	12,800	18,600	18,600
105	17,800	17,500	20,200	20,200	17,500	17,500	19,800	19,400	11,900	11,900	17,400	17,400
110	16,900	16,700	18,600	18,600	16,300	16,300	18,900	18,500	11,200	11,200	16,300	16,300
115	16,100	15,900	17,200	17,200	15,300	15,300	17,500	17,500	10,500	10,500	15,300	15,300
120	15,400	15,300	15,900	15,900	14,300	14,300	16,200	16,200	9,800	9,800	14,500	14,500
125	14,800	14,700	14,800	14,800	13,100	13,100	15,200	15,200	9,200	9,200	13,600	13,600
130	14,100	14,100	13,700	13,700	12,000	12,000	14,100	14,100	8,600	8,600	12,800	12,800
135			12,700	12,700	11,000	11,000	13,000	13,000	8,100	8,100	11,800	11,800
140							12,100	12,100	7,600	7,600	10,900	10,900
145							11,200	11,200	7,100	7,100	10,000	10,000
150							10,500	10,500	6,700	6,700	9,300	9,300
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	10,800	10,800	9,100	9,100	7,200	7,200	7,400	7,400	6,600	6,600	6,000	6,000

1163020

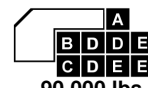
Rated Lifting
Capacities in
Pounds



Full



10 ft Hydraulic Offset Fly



90,000 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	26,400	25,900	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	24,500	24,100	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
65	20,300	20,300	22,700	22,400	29,300	29,300	21,900	21,600	24,200	23,700	19,600	19,600
70	18,800	18,800	21,100	20,900	27,200	27,200	20,400	20,200	22,600	22,200	19,600	19,600
75	17,400	17,400	19,700	19,500	25,300	25,300	19,000	18,800	21,200	20,800	19,600	19,600
80	16,200	16,200	18,400	18,200	23,600	23,600	17,700	17,600	19,900	19,600	19,100	18,900
85	15,100	15,100	17,200	17,100	22,000	22,000	16,600	16,500	18,700	18,400	18,000	17,800
90	14,300	14,300	16,100	16,000	20,500	20,500	15,500	15,500	17,600	17,400	16,900	16,700
95	13,300	13,300	15,100	15,000	19,200	19,200	14,700	14,700	16,600	16,400	15,900	15,800
100	12,400	12,400	14,200	14,200	18,000	18,000	13,800	13,800	15,600	15,500	15,000	15,000
105	11,600	11,600	13,300	13,300	16,900	16,900	12,900	12,900	14,700	14,600	14,200	14,100
110	10,900	10,900	12,600	12,600	15,800	15,800	12,200	12,200	13,900	13,800	13,400	13,400
115	10,200	10,200	11,800	11,800	15,000	15,000	11,500	11,500	13,100	13,100	12,700	12,700
120	9,500	9,500	11,100	11,100	14,100	14,100	10,800	10,800	12,300	12,300	12,000	12,000
125	8,900	8,900	10,500	10,500	13,200	13,200	10,200	10,200	11,500	11,500	11,400	11,400
130	8,400	8,400	9,900	9,900	12,500	12,500	9,600	9,600	10,700	10,700	10,800	10,800
135	7,900	7,900	9,300	9,300	11,700	11,700	9,000	9,000	10,000	10,000	10,200	10,200
140	7,400	7,400	8,800	8,800	11,000	11,000	8,500	8,500	9,400	9,400	9,600	9,600
145	6,900	6,900	8,300	8,300	10,400	10,400	8,000	8,000	8,700	8,700	9,000	9,000
150	6,500	6,500	7,800	7,800	9,600	9,600	7,600	7,600	8,200	8,200	8,400	8,400
155	6,100	6,100	7,400	7,400	8,900	8,900	7,100	7,100	7,600	7,600	7,900	7,900
160	5,700	5,700	7,000	7,000	8,200	8,200	6,700	6,700	7,100	7,100	7,400	7,400
165	5,400	5,300	6,600	6,600	7,600	7,600	6,300	6,300	6,600	6,600	6,900	6,900
170							6,000	6,000	6,100	6,100	6,400	6,400
175							5,600	5,600	5,600	5,600	5,900	5,900
180							5,300	5,300	5,100	5,100	5,500	5,500
185											5,100	5,100
190											4,600	4,600
195											4,200	4,200
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	166.1	166.1	166.5	166.5	167.4	167.4	181.5	181.5	184.2	184.2	198.8	198.8
Capacity	5,300	5,300	4,700	4,700	4,700	4,700	3,900	3,900	2,300	2,300	1,700	1,700

1163010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



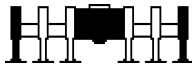
90,000 lbs



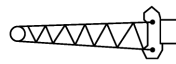
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					17,100	16,600	16,400		15,900	15,700	15,500	15,400
95					16,600	16,400			14,900	14,800	14,700	14,600
100									14,100	14,000	13,900	13,800
105									13,300	13,200	13,200	13,100
110									12,600	12,600	12,500	12,500
115									11,900	11,900	11,900	11,900
120									11,200	11,200	11,200	
125									10,600	10,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	16,500	16,400	16,400	16,300	10,600	10,600	10,600	10,900

1162010

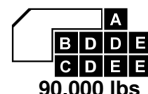
Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	20,900	20,700	19,100	17,100	16,200	16,200	17,300	17,100
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	17,100
75	18,000	17,900	17,800	16,900	16,200	16,200	16,600	16,700
80	17,000	16,900	16,900	16,700	15,300	15,300	15,400	15,500
85	15,900	15,900	15,800	15,800	14,200	14,300	14,400	14,500
90	14,900	14,900	14,800	14,800	13,200	13,300	13,400	13,500
95	14,000	14,000	14,000	14,000	12,300	12,400	12,500	12,600
100	13,100	13,100	13,100	13,100	11,500	11,500	11,700	11,800
105	12,400	12,400	12,400	12,400	10,700	10,800	10,900	11,000
110	11,600	11,600	11,700	11,700	10,000	10,000	10,200	10,300
115	11,000	11,000	11,000	11,000	9,300	9,400	9,500	9,600
120	10,300	10,400	10,400	10,400	8,700	8,800	8,900	9,000
125	9,800	9,800	9,800	9,800	8,100	8,200	8,300	8,400
130	9,200	9,200	9,300	9,300	7,600	7,600	7,800	7,900
135	8,700	8,700	8,800	8,800	7,100	7,100	7,300	7,400
140	8,200	8,200	8,300	8,300	6,600	6,700	6,800	6,900
145	7,800	7,800	7,800		6,200	6,200	6,300	6,400
150	7,300	7,300	7,300		5,800	5,800	5,900	6,000
155	6,900	6,900	6,900		5,400	5,400	5,500	5,600
160					5,000	5,000	5,100	5,200
165					4,600	4,700	4,700	4,800
170					4,300	4,300	4,400	4,400
175					4,000	4,000	4,100	
180					3,700	3,700	3,800	
185					3,400	3,400	3,400	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	156.9	156.9	156.6	154.6	188.6	188.7	188.3	186.2
Capacity	6,800	6,800	6,800	7,000	3,300	3,300	3,300	3,400

1162010



Full



32.5 ft Hydraulic Offset Fly



90,000 lbs



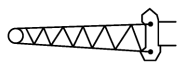
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
80	14,800	14,800	15,200	16,400	12,700	12,700	13,100	14,400
85	14,800	14,800	15,200	15,400	12,700	12,700	13,100	14,400
90	14,400	14,400	14,400	14,400	12,700	12,700	13,100	14,400
95	13,500	13,500	13,500	13,600	12,700	12,700	13,100	14,400
100	12,600	12,600	12,700	12,700	12,700	12,700	13,100	13,600
105	11,800	11,800	11,900	12,000	12,700	12,700	12,800	12,800
110	11,100	11,100	11,200	11,300	12,100	12,100	12,100	12,100
115	10,400	10,400	10,500	10,600	11,400	11,400	11,500	11,500
120	9,800	9,800	9,900	10,000	10,800	10,800	10,800	10,800
125	9,200	9,200	9,300	9,400	10,200	10,200	10,200	10,200
130	8,600	8,600	8,700	8,800	9,600	9,600	9,600	9,700
135	8,100	8,100	8,200	8,300	9,100	9,100	9,100	9,200
140	7,600	7,600	7,700	7,800	8,500	8,600	8,600	8,700
145	7,100	7,100	7,200	7,300	8,100	8,100	8,100	8,200
150	6,700	6,700	6,800	6,900	7,600	7,600	7,700	7,700
155	6,300	6,300	6,400	6,400	7,200	7,200	7,300	7,300
160	5,900	5,900	6,000	6,000	6,800	6,800	6,900	6,900
165	5,500	5,500	5,600	5,700	6,400	6,400	6,500	6,500
170	5,100	5,200	5,200	5,300	6,000	6,000	6,100	6,200
175	4,800	4,800	4,900	4,900	5,600	5,600	5,700	5,800
180	4,500	4,500	4,600	4,600	5,200	5,200	5,400	5,500
185	4,200	4,200	4,300	4,300	4,800	4,800	4,900	5,100
190	3,900	3,900	4,000		4,400	4,400	4,600	4,700
195	3,700	3,700	3,700		4,000	4,100	4,200	4,200
200	3,400	3,400	3,400		3,700	3,700	3,800	3,800
205					3,400	3,400	3,500	3,400
210					3,000	3,100	3,100	
215					2,700	2,700		
Min Angle	0.0	0.0	0.0	0.0	12.5	13.0	20.5	24.0
Max Rad.	204.0	204.1	203.7	201.6	220.0	220.0	215.0	210.0
Capacity	2,200	2,200	2,200	2,200	0	0	0	0

1162010

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,500	17,800	17,000	16,300
90									17,300	17,200	16,700	16,300
95									16,500	16,400	16,300	16,300
100									15,500	15,400	15,400	15,400
105									14,600	14,600	14,500	
110									13,800	13,800	13,800	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	13,700	13,600	13,700	14,200

1162020



Full



32.5 ft Hydraulic Offset Fly



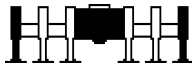
90,000 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	23,900	22,800	19,500	17,100	21,300	21,300	19,700	17,100
65	22,200	21,900	19,000	17,100	19,700	19,700	19,300	17,100
70	20,600	20,400	18,500	17,000	18,200	18,200	18,300	17,100
75	19,200	19,000	18,100	16,800	17,000	17,000	17,100	17,100
80	17,900	17,800	17,600	16,600	15,800	15,800	15,900	16,000
85	16,900	16,800	16,700	16,500	14,700	14,700	14,800	14,900
90	15,800	15,800	15,700	15,600	13,600	13,700	13,800	13,900
95	14,900	14,800	14,800	14,700	12,700	12,700	12,900	13,000
100	14,000	14,000	13,900	13,900	11,900	11,900	12,000	12,100
105	13,200	13,200	13,100	13,100	11,100	11,100	11,200	11,300
110	12,400	12,400	12,400	12,400	10,300	10,400	10,500	10,600
115	11,700	11,700	11,700	11,700	9,600	9,700	9,800	9,900
120	11,100	11,100	11,100	11,100	9,000	9,000	9,200	9,300
125	10,400	10,400	10,500	10,500	8,400	8,500	8,600	8,700
130	9,800	9,800	9,800	9,800	7,900	7,900	8,000	8,100
135	9,200	9,200	9,300		7,400	7,400	7,500	7,600
140	8,700	8,700	8,700		6,900	6,900	7,000	7,100
145					6,400	6,400	6,500	6,600
150					6,000	6,000	6,100	6,200
155					5,600	5,600	5,700	5,700
160					5,200	5,200	5,300	5,300
165					4,900	4,900	4,900	
170					4,500	4,500	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	8,500	8,500	8,600	8,700	4,300	4,300	4,400	4,500

1162020

Rated Lifting
Capacities in
Pounds



Full



32.5 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	19,300	19,300	19,300	17,100	15,700	15,700	16,100	17,100
70	19,300	19,300	19,000	17,100	15,700	15,700	16,100	17,100
75	18,200	18,100	18,000	17,100	15,700	15,700	16,100	17,100
80	17,000	16,900	16,900	16,800	15,700	15,700	16,100	17,000
85	15,900	15,800	15,800	15,800	15,700	15,700	16,100	16,500
90	14,800	14,800	14,800	14,800	15,700	15,700	15,700	15,600
95	13,900	13,900	13,900	13,900	15,000	14,900	14,800	14,800
100	13,000	13,000	13,100	13,100	14,100	14,100	14,000	14,000
105	12,200	12,200	12,300	12,300	13,300	13,300	13,200	13,200
110	11,400	11,500	11,500	11,600	12,600	12,500	12,500	12,500
115	10,700	10,800	10,800	10,900	11,800	11,800	11,800	11,800
120	10,100	10,100	10,200	10,300	11,200	11,200	11,200	11,200
125	9,500	9,500	9,600	9,700	10,600	10,600	10,600	10,600
130	8,900	8,900	9,000	9,100	10,000	10,000	10,000	10,000
135	8,400	8,400	8,500	8,500	9,400	9,400	9,500	9,500
140	7,900	7,900	8,000	8,000	8,900	8,900	9,000	9,000
145	7,400	7,400	7,500	7,600	8,400	8,400	8,500	8,500
150	6,900	7,000	7,000	7,100	7,800	7,900	8,000	8,100
155	6,500	6,500	6,600	6,700	7,300	7,400	7,600	7,600
160	6,100	6,100	6,200	6,300	6,800	6,800	7,000	7,200
165	5,800	5,800	5,800	5,900	6,300	6,400	6,500	6,700
170	5,400	5,400	5,500	5,500	5,800	5,900	6,100	6,200
175	5,100	5,100	5,100		5,400	5,400	5,600	5,700
180	4,800	4,800	4,800		5,000	5,000	5,200	5,200
185	4,500	4,500	4,500		4,600	4,600	4,700	4,800
190					4,200	4,200	4,300	4,300
195					3,800	3,900	4,000	
200					3,400	3,500		
Min Angle	0.0	0.0	0.0	0.0	13.0	13.5	21.5	5.5
Max Rad.	189.0	189.1	188.7	186.6	205.0	205.0	200.0	199.1
Capacity	2,900	2,900	3,000	3,000	0	0	0	0

1162020

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



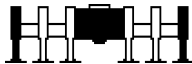
90,000 lbs



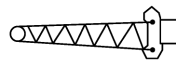
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,800	7,600	7,500	
145									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	7,500	7,500	7,500	7,500

1162030

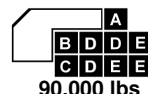
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	11,400	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	11,300	9,900	8,800	8,000
105	10,500	9,300	8,400	7,800	10,500	9,800	8,600	7,900
110	10,200	9,100	8,300	7,700	9,800	9,600	8,500	7,900
115	9,900	9,000	8,100	7,700	9,200	9,300	8,400	7,800
120	9,700	8,800	8,000	7,600	8,600	8,700	8,300	7,800
125	9,400	8,600	7,900	7,500	8,000	8,100	8,200	7,700
130	8,900	8,500	7,900	7,500	7,500	7,600	7,800	7,600
135	8,400	8,300	7,800	7,400	7,000	7,100	7,300	7,500
140	8,000	8,000	7,700	7,400	6,600	6,600	6,800	7,100
145	7,500	7,600	7,600	7,400	6,100	6,200	6,400	6,600
150	7,200	7,200	7,200	7,300	5,700	5,800	6,000	6,200
155	6,700	6,800	6,900	6,900	5,300	5,400	5,600	5,800
160	6,400	6,400	6,500	6,500	5,000	5,000	5,200	5,400
165	6,000	6,000	6,100	6,100	4,600	4,700	4,800	5,000
170	5,700	5,700	5,700		4,300	4,300	4,500	4,700
175	5,400	5,400	5,400		4,000	4,000	4,200	4,300
180					3,700	3,700	3,900	4,000
185					3,400	3,500	3,600	3,700
190					3,200	3,200	3,300	3,300
195					2,900	3,000	3,000	3,000
200					2,700	2,700	2,800	
205					2,500	2,500	2,500	
210					2,300	2,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	179.4	179.4	178.7	175.4	211.1	211.2	210.4	206.9
Capacity	5,100	5,200	5,200	5,400	2,300	2,300	2,300	2,400

1162030

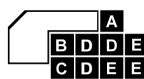
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



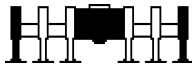
90,000 lbs



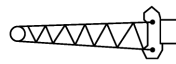
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	10,600	10,400	9,100	8,200	9,200	9,200	9,100	8,200
95	10,600	10,300	9,000	8,100	9,200	9,200	9,000	8,200
100	10,600	10,100	8,900	8,100	9,200	9,200	8,900	8,100
105	10,600	9,900	8,700	8,000	9,200	9,200	8,800	8,000
110	10,600	9,700	8,600	7,900	9,200	9,200	8,700	8,000
115	10,100	9,600	8,500	7,900	9,200	9,200	8,600	7,900
120	9,500	9,400	8,400	7,800	9,200	9,200	8,500	7,900
125	8,900	8,900	8,300	7,700	9,200	9,200	8,400	7,800
130	8,400	8,400	8,200	7,700	9,200	9,200	8,300	7,700
135	7,800	7,900	8,100	7,600	8,700	8,700	8,200	7,700
140	7,400	7,400	7,600	7,500	8,200	8,200	8,200	7,600
145	6,900	7,000	7,100	7,300	7,700	7,800	7,900	7,500
150	6,500	6,500	6,700	6,900	7,300	7,300	7,500	7,500
155	6,100	6,100	6,300	6,500	6,900	6,900	7,000	7,200
160	5,700	5,800	5,900	6,100	6,500	6,500	6,700	6,800
165	5,400	5,400	5,600	5,700	6,100	6,200	6,300	6,400
170	5,000	5,100	5,200	5,400	5,800	5,800	5,900	6,100
175	4,700	4,700	4,900	5,000	5,400	5,500	5,600	5,700
180	4,400	4,400	4,600	4,700	5,100	5,200	5,300	5,400
185	4,100	4,100	4,300	4,400	4,800	4,800	5,000	5,100
190	3,800	3,900	4,000	4,100	4,500	4,600	4,700	4,800
195	3,600	3,600	3,700	3,800	4,300	4,300	4,400	4,500
200	3,300	3,300	3,400	3,500	3,900	4,000	4,100	4,200
205	3,100	3,100	3,200	3,200	3,600	3,700	3,900	4,000
210	2,900	2,900	3,000	2,900	3,300	3,400	3,600	3,700
215	2,700	2,700	2,700		3,000	3,100	3,200	3,300
220	2,500	2,500	2,500		2,700	2,800	2,900	3,000
225	2,300	2,300			2,500	2,500	2,600	2,600
230					2,200	2,200	2,400	
235					1,900	2,000		
Min Angle	0.0	0.0	0.0	0.0	17.0	17.5	23.5	15.0
Max Rad.	226.5	226.6	225.7	222.1	240.0	240.0	235.0	229.6
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

1162030

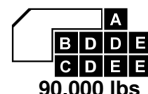
Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



90,000 lbs



360°

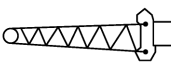


Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

1162040



Full



55 ft Hydraulic Offset Fly



90,000 lbs



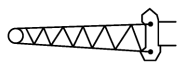
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	11,200	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	10,900	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	10,200	9,500	8,400	7,800
115	9,500	8,700	8,000	7,600	9,500	9,300	8,300	7,800
120	9,300	8,500	7,900	7,500	8,900	9,000	8,200	7,700
125	9,000	8,300	7,800	7,500	8,300	8,400	8,100	7,600
130	8,800	8,200	7,700	7,400	7,800	7,900	8,000	7,500
135	8,600	8,000	7,600	7,400	7,300	7,400	7,600	7,500
140	8,400	7,900	7,500	7,400	6,800	6,900	7,100	7,300
145	8,000	7,800	7,500	7,400	6,400	6,400	6,600	6,800
150	7,600	7,600	7,500	7,400	6,000	6,000	6,200	6,400
155	7,200	7,200	7,300		5,600	5,600	5,800	6,000
160	6,800	6,800	6,800		5,200	5,300	5,400	5,600
165					4,900	4,900	5,100	5,200
170					4,500	4,600	4,700	4,800
175					4,200	4,300	4,400	4,400
180					3,900	4,000	4,100	4,100
185					3,700	3,700	3,800	
190					3,400	3,400	3,500	
195					3,200	3,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	164.8	164.9	164.1	161.0	196.6	196.6	195.8	192.4
Capacity	6,500	6,500	6,600	6,800	3,200	3,200	3,200	3,300

1162040

Rated Lifting
Capacities in
Pounds



Full



55 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,700	10,900	9,400	8,400	11,300	11,000	9,400	8,400
85	12,400	10,700	9,200	8,300	11,300	10,800	9,300	8,300
90	12,100	10,500	9,100	8,200	11,300	10,600	9,200	8,200
95	11,800	10,300	8,900	8,100	11,300	10,400	9,000	8,100
100	11,500	10,100	8,800	8,000	11,300	10,200	8,900	8,100
105	11,300	9,900	8,700	7,900	11,300	10,000	8,800	8,000
110	11,000	9,700	8,600	7,900	11,200	9,800	8,700	7,900
115	10,400	9,500	8,400	7,800	11,000	9,700	8,600	7,900
120	9,800	9,300	8,300	7,800	10,700	9,500	8,500	7,800
125	9,200	9,200	8,200	7,700	10,100	9,400	8,400	7,800
130	8,700	8,700	8,100	7,600	9,600	9,200	8,300	7,700
135	8,200	8,200	8,100	7,600	9,000	9,100	8,200	7,600
140	7,700	7,700	7,900	7,500	8,500	8,600	8,100	7,600
145	7,200	7,300	7,400	7,500	8,100	8,100	8,000	7,500
150	6,800	6,800	7,000	7,100	7,600	7,700	7,800	7,500
155	6,400	6,400	6,600	6,700	7,200	7,300	7,400	7,400
160	6,000	6,000	6,200	6,300	6,800	6,900	7,000	7,100
165	5,600	5,700	5,800	5,900	6,500	6,500	6,600	6,700
170	5,300	5,300	5,500	5,600	6,100	6,100	6,200	6,300
175	5,000	5,000	5,100	5,200	5,700	5,800	5,900	6,000
180	4,700	4,700	4,800	4,900	5,300	5,400	5,600	5,700
185	4,400	4,400	4,500	4,600	4,900	5,000	5,300	5,300
190	4,100	4,100	4,200	4,200	4,500	4,600	4,900	5,000
195	3,800	3,900	3,900	3,900	4,200	4,300	4,500	4,700
200	3,600	3,600	3,700		3,800	3,900	4,100	4,200
205	3,400	3,400	3,400		3,500	3,600	3,800	3,800
210	3,200	3,200			3,200	3,300	3,400	3,400
215					2,900	3,000	3,100	
220					2,600	2,600		
Min Angle	0.0	0.0	0.0	0.0	17.0	18.0	24.5	26.0
Max Rad.	211.5	211.6	210.7	207.2	225.0	225.0	220.0	215.0
Capacity	2,000	2,100	2,100	2,100	0	0	0	0

1162040

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



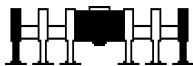
90,000 lbs



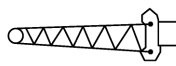
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300										
25	13,200	12,200	12,200		13,700	13,700						
30	12,300	11,400	11,400		12,900	11,700	11,700		12,900	12,900		
35	11,400	10,600	9,900	9,900	12,200	11,100	11,100		12,400	11,100	11,100	
40	10,700	10,000	9,400	9,400	11,600	10,500	9,600	9,600	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	11,000	10,000	9,200	9,200	11,400	10,300	10,300	
50	9,400	8,800	8,300	8,000	10,500	9,600	8,800	8,300	11,000	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	10,000	9,100	8,400	7,900	10,600	9,500	8,700	8,700
60	8,300	7,800	7,400	7,100	9,500	8,700	8,100	7,600	10,200	9,200	8,400	7,800
65	7,700	7,300	6,900	6,700	9,100	8,400	7,700	7,200	9,800	8,900	8,100	7,500
70	7,200	6,900	6,600	6,400	8,700	8,000	7,300	6,900	9,400	8,600	7,800	7,300
75	6,800	6,500	6,200	6,100	8,200	7,600	7,000	6,700	9,100	8,300	7,500	7,000
80	6,400	6,100	5,900	5,800	7,800	7,200	6,700	6,400	8,800	8,000	7,200	6,800
85	6,000	5,800	5,600	5,500	7,400	6,900	6,400	6,200	8,500	7,700	7,000	6,600
90	5,700	5,500	5,300	5,300	7,000	6,600	6,200	5,900	8,100	7,400	6,700	6,400
95	5,400	5,200	5,100	5,100	6,700	6,300	5,900	5,800	7,800	7,100	6,500	6,200
100	5,000	5,000	4,900	4,900	6,400	6,000	5,700	5,600	7,500	6,800	6,300	6,000
105	4,700	4,700	4,700		6,100	5,800	5,500	5,400	7,200	6,600	6,100	5,900
110					5,800	5,500	5,300	5,300	6,900	6,300	5,900	5,700
115					5,600	5,300	5,200	5,200	6,600	6,100	5,700	5,600
120					5,300	5,100	5,000	5,000	6,400	5,900	5,600	5,400
125					5,100	5,000	4,900	4,900	6,100	5,700	5,400	5,300
130					4,900	4,800	4,800		5,900	5,600	5,300	5,200
135					4,600	4,600			5,700	5,400	5,200	5,100
140									5,500	5,200	5,100	5,100
145									5,300	5,100	5,000	5,000
150									5,200	5,000	4,900	4,900
155									5,000	4,800	4,800	4,800
160									4,800	4,700	4,700	
165									4,600	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	136.4	136.5	135.9	133.1	166.4	166.5	165.8	162.6
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700

1162050

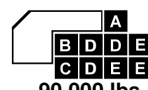
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	11,000	11,000						
45	11,000	10,200	10,200					
50	10,900	9,900	9,900		8,500	8,500		
55	10,600	9,600	8,700	8,700	8,500	8,500		
60	10,300	9,300	8,500	8,500	8,500	8,500		
65	10,000	9,100	8,300	7,700	8,500	8,500	8,200	8,200
70	9,800	8,800	8,000	7,400	8,500	8,500	8,100	8,100
75	9,500	8,600	7,800	7,200	8,500	8,500	7,900	7,300
80	9,200	8,400	7,600	7,000	8,500	8,400	7,700	7,100
85	9,000	8,100	7,300	6,800	8,500	8,300	7,500	7,000
90	8,700	7,900	7,100	6,700	8,500	8,100	7,300	6,800
95	8,500	7,600	6,900	6,500	8,500	7,900	7,100	6,600
100	8,200	7,400	6,700	6,300	8,500	7,700	6,900	6,500
105	7,900	7,200	6,500	6,200	8,300	7,500	6,800	6,400
110	7,700	6,900	6,400	6,000	8,100	7,300	6,600	6,200
115	7,400	6,700	6,200	5,900	7,900	7,100	6,500	6,100
120	7,200	6,500	6,000	5,800	7,700	6,900	6,300	6,000
125	7,000	6,400	5,900	5,700	7,400	6,800	6,200	5,900
130	6,700	6,200	5,700	5,500	6,900	6,600	6,100	5,800
135	6,500	6,000	5,600	5,400	6,400	6,500	5,900	5,700
140	6,300	5,900	5,500	5,300	6,000	6,100	5,800	5,600
145	6,100	5,700	5,400	5,300	5,600	5,600	5,700	5,500
150	6,000	5,600	5,300	5,200	5,200	5,200	5,500	5,400
155	5,800	5,400	5,200	5,100	4,800	4,800	5,100	5,300
160	5,600	5,300	5,100	5,100	4,400	4,500	4,700	4,900
165	5,300	5,200	5,000	5,000	4,100	4,100	4,400	4,600
170	5,000	5,000	4,900	4,900	3,800	3,800	4,000	4,200
175	4,700	4,700	4,800	4,800	3,500	3,500	3,700	3,900
180	4,400	4,400	4,500	4,500	3,200	3,200	3,400	3,600
185	4,100	4,100	4,200		2,900	3,000	3,100	3,300
190	3,900	3,900	3,900		2,600	2,700	2,900	3,000
195	3,600	3,600	3,700		2,400	2,400	2,600	2,700
200					2,200	2,200	2,300	2,400
205					1,900	2,000	2,100	2,100
210					1,700	1,800	1,900	1,900
215					1,500	1,600	1,600	
220					1,400	1,400	1,400	
225					1,200	1,200	1,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	197.4	197.4	196.6	193.2	229.1	229.2	228.3	224.7
Capacity	3,600	3,600	3,600	3,700	1,100	1,100	1,100	1,200

1162050

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



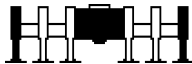
90,000 lbs



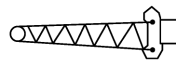
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,900	7,900						
55	7,900	7,900						
60	7,900	7,900			7,000	7,000		
65	7,900	7,900			7,000	7,000		
70	7,900	7,900	8,300		7,000	7,000		
75	7,900	7,900	7,900	7,900	7,000	7,000	7,300	
80	7,900	7,900	7,700	7,200	7,000	7,000	7,300	
85	7,900	7,900	7,500	7,000	7,000	7,000	7,300	7,000
90	7,900	7,900	7,400	6,900	7,000	7,000	7,300	6,900
95	7,900	7,900	7,200	6,700	7,000	7,000	7,200	6,700
100	7,900	7,800	7,000	6,600	7,000	7,000	7,100	6,600
105	7,900	7,600	6,900	6,500	7,000	7,000	6,900	6,500
110	7,900	7,400	6,700	6,300	7,000	7,000	6,800	6,400
115	7,900	7,300	6,600	6,200	7,000	7,000	6,700	6,300
120	7,900	7,100	6,500	6,100	7,000	7,000	6,500	6,200
125	7,700	7,000	6,300	6,000	7,000	7,000	6,400	6,000
130	7,500	6,800	6,200	5,900	7,000	6,900	6,300	6,000
135	7,200	6,600	6,100	5,800	7,000	6,800	6,200	5,900
140	6,700	6,500	6,000	5,700	7,000	6,600	6,100	5,800
145	6,300	6,300	5,900	5,600	7,000	6,500	6,000	5,700
150	5,900	5,900	5,700	5,500	6,600	6,400	5,800	5,600
155	5,500	5,500	5,600	5,400	6,200	6,200	5,800	5,500
160	5,100	5,200	5,400	5,400	5,800	5,800	5,700	5,400
165	4,800	4,800	5,000	5,200	5,400	5,500	5,600	5,400
170	4,400	4,500	4,700	4,900	5,100	5,100	5,300	5,300
175	4,100	4,200	4,300	4,500	4,800	4,800	5,000	5,100
180	3,800	3,900	4,000	4,200	4,500	4,500	4,700	4,800
185	3,500	3,600	3,700	3,900	4,200	4,200	4,400	4,500
190	3,200	3,300	3,500	3,600	3,900	3,900	4,100	4,200
195	3,000	3,000	3,200	3,300	3,600	3,700	3,800	3,900
200	2,700	2,800	2,900	3,100	3,400	3,400	3,500	3,700
205	2,500	2,500	2,700	2,800	3,100	3,100	3,300	3,400
210	2,300	2,300	2,400	2,500	2,900	2,900	3,000	3,200
215	2,100	2,100	2,200	2,300	2,700	2,700	2,800	2,900
220	1,900	1,900	2,000	2,000	2,400	2,500	2,600	2,700
225	1,700	1,700	1,800	1,800	2,100	2,200	2,400	2,500
230	1,500	1,500	1,600		1,900	1,900	2,100	2,200
235	1,300	1,300			1,600	1,700	1,800	1,900
240					1,400	1,400	1,600	1,500
245					1,200	1,200	1,300	1,200
250							1,100	
Min Angle	17.5	18.0	24.0	25.0	25.5	25.0	24.5	23.5
Max Rad.	240.0	240.0	235.0	230.0	248.3	250.0	251.7	247.5
Capacity	0	0	0	0	0	0	0	0

1162050

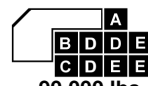
Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	15,500	15,500										
20	14,300	14,300			14,600	14,600						
25	13,200	12,200	12,200		13,600	12,400	12,400		13,800	13,800		
30	12,300	11,400	11,400		12,800	11,600	11,600		13,100	11,800	11,800	
35	11,400	10,600	9,900	9,900	12,000	11,000	11,000		12,500	11,200	11,200	
40	10,700	10,000	9,400	9,400	11,300	10,400	9,500	9,500	11,900	10,700	10,700	
45	10,000	9,400	8,800	8,500	10,600	9,800	9,100	9,100	11,400	10,300	9,300	9,300
50	9,400	8,800	8,300	8,000	10,000	9,300	8,600	8,200	10,900	9,900	9,000	9,000
55	8,800	8,400	7,900	7,500	9,500	8,800	8,200	7,800	10,400	9,400	8,600	8,100
60	8,300	7,800	7,400	7,100	9,000	8,400	7,800	7,400	10,000	9,100	8,300	7,700
65	7,700	7,300	6,900	6,700	8,500	7,900	7,400	7,000	9,500	8,700	8,000	7,400
70	7,200	6,900	6,600	6,400	8,000	7,500	7,000	6,700	9,200	8,400	7,600	7,200
75	6,800	6,500	6,200	6,100	7,600	7,100	6,700	6,400	8,800	8,000	7,300	6,900
80	6,400	6,100	5,900	5,800	7,100	6,700	6,300	6,100	8,400	7,700	7,000	6,600
85	6,000	5,800	5,600	5,500	6,700	6,400	6,100	5,900	8,000	7,300	6,800	6,400
90	5,700	5,500	5,300	5,300	6,400	6,100	5,800	5,700	7,700	7,000	6,500	6,200
95	5,400	5,200	5,100	5,100	6,100	5,800	5,600	5,500	7,300	6,700	6,300	6,000
100	5,000	5,000	4,900	4,900	5,800	5,500	5,300	5,300	7,000	6,500	6,100	5,800
105	4,700	4,700	4,700		5,500	5,300	5,100	5,100	6,700	6,200	5,900	5,700
110					5,200	5,100	5,000	5,000	6,400	6,000	5,700	5,500
115					4,900	4,900	4,800		6,100	5,800	5,500	5,400
120					4,700	4,600	4,600		5,900	5,600	5,300	5,300
125									5,700	5,400	5,200	5,200
130									5,500	5,200	5,100	5,100
135									5,300	5,100	4,900	4,900
140									5,000	4,900	4,800	4,800
145									4,800	4,700	4,700	
150									4,600	4,600	4,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	107.3	107.3	106.9	104.7	121.8	121.9	121.4	118.8	151.9	151.9	151.3	148.3
Capacity	4,600	4,600	4,700	4,900	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,800

1162060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



90,000 lbs



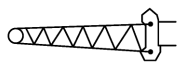
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	12,400	12,400						
40	12,000	10,800	10,800		10,400	10,400		
45	11,600	10,400	10,400		10,400	10,400		
50	11,200	10,000	9,100	9,100	10,400	9,900	9,900	
55	10,800	9,700	8,800	8,800	10,400	9,700	9,700	
60	10,400	9,400	8,500	7,900	10,400	9,400	8,500	8,500
65	10,100	9,100	8,300	7,700	10,200	9,200	8,300	8,300
70	9,800	8,800	8,000	7,400	9,900	9,000	8,100	7,500
75	9,400	8,600	7,700	7,200	9,700	8,800	7,900	7,300
80	9,100	8,300	7,500	7,000	9,400	8,500	7,700	7,100
85	8,900	8,000	7,200	6,800	9,200	8,300	7,500	7,000
90	8,600	7,700	7,000	6,600	9,000	8,100	7,300	6,800
95	8,300	7,500	6,800	6,400	8,800	7,900	7,100	6,600
100	8,000	7,200	6,600	6,200	8,500	7,700	6,900	6,500
105	7,700	7,000	6,400	6,100	8,300	7,400	6,700	6,300
110	7,400	6,700	6,200	5,900	8,100	7,200	6,600	6,200
115	7,100	6,500	6,000	5,800	7,800	7,000	6,400	6,100
120	6,900	6,300	5,900	5,600	7,600	6,800	6,300	5,900
125	6,600	6,100	5,700	5,500	7,400	6,700	6,100	5,800
130	6,400	5,900	5,600	5,400	7,100	6,500	6,000	5,700
135	6,200	5,800	5,400	5,300	6,700	6,300	5,800	5,600
140	6,000	5,600	5,300	5,200	6,300	6,200	5,700	5,500
145	5,800	5,400	5,200	5,100	5,800	5,900	5,600	5,400
150	5,600	5,300	5,100	5,100	5,400	5,500	5,500	5,300
155	5,400	5,200	5,000	5,000	5,000	5,100	5,300	5,200
160	5,300	5,000	4,900	4,900	4,700	4,700	4,900	5,100
165	5,100	4,900	4,800	4,800	4,300	4,400	4,600	4,800
170	5,000	4,800	4,800	4,800	4,000	4,100	4,300	4,400
175	4,800	4,700	4,700		3,700	3,800	3,900	4,100
180	4,600	4,600	4,600		3,400	3,500	3,600	3,800
185					3,100	3,200	3,300	3,400
190					2,900	2,900	3,100	3,100
195					2,600	2,700	2,800	2,800
200					2,400	2,400	2,500	
205					2,200	2,200	2,300	
210					2,000	2,000	2,000	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	182.8	182.9	182.1	178.8	214.6	214.6	213.8	210.3
Capacity	4,600	4,600	4,600	4,700	1,900	1,900	1,900	2,000

1162060

Rated Lifting
Capacities in
Pounds



Full



73 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	9,700	9,700						
50	9,700	9,700			8,400	8,400		
55	9,700	9,700	9,700		8,400	8,400		
60	9,700	9,500	9,500		8,400	8,400		
65	9,700	9,200	8,400	8,400	8,400	8,400		
70	9,700	9,000	8,200	8,200	8,400	8,400	8,100	8,100
75	9,700	8,800	8,000	7,400	8,400	8,400	8,000	8,000
80	9,500	8,600	7,800	7,200	8,400	8,400	7,800	7,200
85	9,300	8,400	7,600	7,000	8,400	8,400	7,600	7,100
90	9,100	8,300	7,400	6,900	8,400	8,300	7,400	6,900
95	8,900	8,000	7,200	6,700	8,400	8,100	7,300	6,800
100	8,700	7,800	7,000	6,600	8,400	7,900	7,100	6,600
105	8,500	7,600	6,900	6,400	8,400	7,700	7,000	6,500
110	8,300	7,400	6,700	6,300	8,400	7,500	6,800	6,400
115	8,100	7,200	6,600	6,200	8,200	7,400	6,700	6,200
120	7,900	7,100	6,400	6,000	8,000	7,200	6,500	6,100
125	7,700	6,900	6,300	5,900	7,800	7,000	6,400	6,000
130	7,400	6,700	6,100	5,800	7,700	6,900	6,300	5,900
135	7,200	6,600	6,000	5,700	7,500	6,700	6,100	5,800
140	7,000	6,400	5,900	5,600	7,300	6,600	6,000	5,700
145	6,600	6,200	5,800	5,500	7,100	6,400	5,900	5,600
150	6,200	6,100	5,600	5,400	6,900	6,300	5,800	5,500
155	5,800	5,800	5,500	5,400	6,500	6,200	5,700	5,500
160	5,400	5,400	5,400	5,300	6,100	6,000	5,600	5,400
165	5,000	5,100	5,300	5,200	5,800	5,800	5,500	5,300
170	4,700	4,700	4,900	5,100	5,400	5,400	5,400	5,300
175	4,400	4,400	4,600	4,700	5,100	5,100	5,300	5,200
180	4,100	4,100	4,300	4,400	4,800	4,800	4,900	5,100
185	3,800	3,800	4,000	4,100	4,500	4,500	4,600	4,800
190	3,500	3,500	3,700	3,800	4,200	4,200	4,400	4,500
195	3,200	3,300	3,400	3,500	3,900	3,900	4,100	4,200
200	3,000	3,000	3,100	3,200	3,600	3,600	3,800	3,900
205	2,800	2,800	2,900	2,900	3,200	3,300	3,500	3,600
210	2,500	2,600	2,700	2,700	2,900	3,000	3,200	3,400
215	2,300	2,400	2,400		2,600	2,700	2,900	3,000
220	2,100	2,200	2,200		2,400	2,400	2,600	2,600
225					2,100	2,100	2,300	2,300
230					1,800	1,900	2,000	1,900
235					1,600	1,600	1,700	
240					1,400	1,400		
Min Angle	17.0	18.0	6.5	6.5	14.5	15.0	21.5	20.0
Max Rad.	225.0	225.0	223.4	223.4	245.0	245.0	240.0	233.0
Capacity	0	0	0	0	0	0	0	0

1162060

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



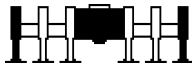
90,000 lbs



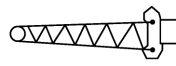
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100										
25	11,200	11,200			11,200	11,200						
30	10,400	9,900	9,900		10,600	10,600						
35	9,600	9,200	9,200		10,100	9,500	9,500		10,000	10,000		
40	9,000	8,600	8,300	8,300	9,500	9,000	9,000		9,600	9,000	9,000	
45	8,400	8,100	7,800	7,800	9,000	8,500	8,100	8,100	9,200	8,600	8,600	
50	7,800	7,500	7,300	7,200	8,600	8,100	7,700	7,700	8,900	8,300	8,300	
55	7,200	6,900	6,700	6,700	8,100	7,700	7,200	7,000	8,500	7,900	7,400	7,400
60	6,700	6,400	6,300	6,200	7,700	7,200	6,800	6,600	8,200	7,600	7,100	6,800
65	6,200	6,000	5,800	5,800	7,200	6,800	6,400	6,200	7,900	7,300	6,800	6,500
70	5,700	5,600	5,500	5,400	6,800	6,400	6,100	5,900	7,500	6,900	6,500	6,200
75	5,300	5,200	5,100	5,100	6,400	6,100	5,800	5,600	7,100	6,600	6,200	5,900
80	5,000	4,800	4,800	4,800	6,000	5,700	5,500	5,300	6,800	6,300	5,900	5,700
85	4,600	4,500	4,500	4,500	5,700	5,400	5,200	5,100	6,500	6,000	5,700	5,500
90	4,300	4,200	4,200	4,200	5,400	5,100	4,900	4,800	6,200	5,800	5,400	5,200
95	4,000	4,000	3,900	3,900	5,100	4,800	4,700	4,600	5,900	5,500	5,200	5,000
100	3,800	3,700	3,700	3,700	4,800	4,600	4,400	4,400	5,600	5,300	5,000	4,800
105	3,500	3,500	3,500	3,500	4,500	4,400	4,200	4,200	5,400	5,000	4,800	4,600
110	3,200	3,200	3,200	3,200	4,300	4,100	4,000	4,000	5,100	4,800	4,600	4,500
115	3,000	3,000	3,000	3,000	4,100	3,900	3,800	3,800	4,900	4,600	4,400	4,300
120	2,800	2,800	2,800		3,900	3,700	3,700	3,600	4,700	4,400	4,200	4,100
125	2,600	2,600			3,600	3,500	3,500	3,500	4,500	4,200	4,100	4,000
130					3,400	3,300	3,300	3,300	4,300	4,100	3,900	3,900
135					3,200	3,200	3,100	3,100	4,100	3,900	3,800	3,700
140					3,000	3,000	3,000	3,000	3,900	3,700	3,600	3,600
145					2,800	2,800	2,800		3,700	3,600	3,500	3,500
150					2,700	2,700	2,700		3,600	3,400	3,400	3,400
155									3,400	3,300	3,200	3,200
160									3,200	3,100	3,100	3,100
165									3,100	3,000	3,000	3,000
170									2,900	2,900	2,800	2,800
175									2,800	2,700	2,700	
180									2,600	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	154.4	154.5	153.8	150.8	184.4	184.5	183.7	180.4
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1162070

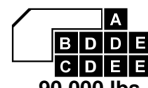
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	8,000	8,000						
50	8,000	8,000						
55	8,000	7,900	7,900		6,300	6,300		
60	8,000	7,700	7,200	7,200	6,300	6,300		
65	8,000	7,400	6,900	6,900	6,300	6,300	6,600	
70	7,700	7,100	6,600	6,300	6,300	6,300	6,600	
75	7,500	6,900	6,400	6,100	6,300	6,300	6,400	6,400
80	7,200	6,600	6,200	5,900	6,300	6,300	6,300	6,000
85	6,900	6,400	6,000	5,700	6,300	6,300	6,100	5,800
90	6,700	6,200	5,700	5,500	6,300	6,300	5,900	5,600
95	6,400	5,900	5,500	5,300	6,300	6,100	5,700	5,500
100	6,200	5,700	5,400	5,100	6,300	6,000	5,600	5,300
105	6,000	5,500	5,200	5,000	6,300	5,800	5,400	5,200
110	5,700	5,300	5,000	4,800	6,100	5,600	5,200	5,000
115	5,500	5,100	4,800	4,700	5,900	5,500	5,100	4,900
120	5,300	4,900	4,700	4,500	5,700	5,300	4,900	4,800
125	5,100	4,800	4,500	4,400	5,600	5,100	4,800	4,600
130	4,900	4,600	4,400	4,200	5,400	5,000	4,700	4,500
135	4,700	4,400	4,200	4,100	5,200	4,800	4,500	4,400
140	4,600	4,300	4,100	4,000	5,100	4,700	4,400	4,300
145	4,400	4,100	3,900	3,900	4,900	4,600	4,300	4,200
150	4,200	4,000	3,800	3,800	4,600	4,400	4,200	4,100
155	4,100	3,900	3,700	3,700	4,200	4,300	4,100	4,000
160	3,900	3,700	3,600	3,600	3,900	4,000	4,000	3,900
165	3,800	3,600	3,500	3,500	3,600	3,600	3,800	3,800
170	3,700	3,500	3,400	3,400	3,200	3,300	3,600	3,700
175	3,500	3,400	3,300	3,300	2,900	3,000	3,200	3,500
180	3,400	3,200	3,200	3,200	2,700	2,700	2,900	3,200
185	3,200	3,100	3,000	3,000	2,400	2,400	2,700	2,900
190	3,100	3,000	2,900	2,900	2,100	2,200	2,400	2,600
195	3,000	2,900	2,900	2,900	1,900	1,900	2,100	2,300
200	2,800	2,800	2,800	2,800	1,700	1,700	1,900	2,000
205	2,500	2,600	2,600		1,400	1,500	1,600	1,800
210	2,300	2,400	2,400		1,200	1,300	1,400	1,500
215	2,200	2,200				1,100	1,200	1,300
Min Angle	0.0	0.0	0.0	0.0	35.0	34.5	35.5	36.0
Max Rad.	215.4	215.4	214.6	211.0	215.0	217.5	220.0	220.0
Capacity	2,200	2,200	2,200	2,300	0	0	0	0

1162070

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



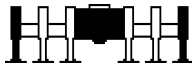
90,000 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,900	5,900						
60	5,900	5,900						
65	5,900	5,900			5,200	5,200		
70	5,900	5,900			5,200	5,200		
75	5,900	5,900	6,200		5,200	5,200	5,400	
80	5,900	5,900	6,200	6,300	5,200	5,200	5,400	
85	5,900	5,900	6,100	6,100	5,200	5,200	5,400	6,100
90	5,900	5,900	6,000	5,700	5,200	5,200	5,400	5,700
95	5,900	5,900	5,800	5,600	5,200	5,200	5,400	5,600
100	5,900	5,900	5,700	5,400	5,200	5,200	5,400	5,400
105	5,900	5,900	5,500	5,300	5,200	5,200	5,400	5,300
110	5,900	5,700	5,400	5,100	5,200	5,200	5,400	5,200
115	5,900	5,600	5,200	5,000	5,200	5,200	5,300	5,100
120	5,900	5,400	5,100	4,900	5,200	5,200	5,100	4,900
125	5,700	5,300	4,900	4,700	5,200	5,200	5,000	4,800
130	5,600	5,200	4,800	4,600	5,200	5,200	4,900	4,700
135	5,400	5,000	4,700	4,500	5,200	5,100	4,800	4,600
140	5,300	4,900	4,600	4,400	5,200	5,000	4,700	4,500
145	5,100	4,700	4,400	4,300	5,200	4,900	4,600	4,400
150	5,000	4,600	4,300	4,200	5,100	4,700	4,400	4,300
155	4,800	4,500	4,200	4,100	5,000	4,600	4,300	4,200
160	4,500	4,400	4,100	4,000	4,900	4,500	4,200	4,100
165	4,200	4,200	4,000	3,900	4,800	4,400	4,100	4,000
170	3,800	3,900	3,900	3,800	4,400	4,300	4,000	3,900
175	3,500	3,600	3,800	3,700	4,100	4,200	3,900	3,900
180	3,200	3,300	3,500	3,700	3,800	3,900	3,900	3,800
185	2,900	3,000	3,200	3,400	3,500	3,600	3,800	3,700
190	2,700	2,700	2,900	3,100	3,300	3,300	3,500	3,600
195	2,400	2,500	2,700	2,800	3,000	3,000	3,200	3,400
200	2,200	2,200	2,400	2,600	2,700	2,800	3,000	3,100
205	1,900	2,000	2,200	2,300	2,500	2,500	2,700	2,900
210	1,700	1,800	1,900	2,100	2,300	2,300	2,500	2,600
215	1,500	1,600	1,700	1,800	2,000	2,100	2,200	2,400
220	1,300	1,400	1,500	1,600	1,800	1,900	2,000	2,200
225	1,100	1,200	1,300	1,400	1,600	1,700	1,800	1,900
230			1,100	1,200	1,400	1,500	1,600	1,700
235					1,300	1,300	1,400	1,500
240						1,100	1,200	1,300
245								1,100
Min Angle	36.5	36.0	36.5	36.5	39.0	38.5	39.0	39.0
Max Rad.	227.5	230.0	232.5	233.3	240.0	242.5	245.0	246.7
Capacity	0	0	0	0	0	0	0	0

1162070

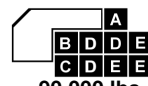
Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	12,100	12,100			12,100	12,100						
25	11,200	11,200			11,400	10,700	10,700					
30	10,400	9,900	9,900		10,600	10,000	10,000		10,700	10,700		
35	9,600	9,200	9,200		10,000	9,400	9,400		10,200	9,500	9,500	
40	9,000	8,600	8,300	8,300	9,400	8,900	8,500	8,500	9,700	9,100	9,100	
45	8,400	8,100	7,800	7,800	8,800	8,400	8,000	8,000	9,300	8,700	8,700	
50	7,800	7,500	7,300	7,200	8,300	7,900	7,500	7,300	8,900	8,300	7,800	7,800
55	7,200	6,900	6,700	6,700	7,800	7,400	7,100	6,900	8,500	7,900	7,400	7,100
60	6,700	6,400	6,300	6,200	7,300	6,900	6,600	6,400	8,100	7,500	7,000	6,700
65	6,200	6,000	5,800	5,800	6,800	6,500	6,200	6,100	7,700	7,100	6,700	6,400
70	5,700	5,600	5,500	5,400	6,300	6,000	5,800	5,700	7,300	6,800	6,400	6,100
75	5,300	5,200	5,100	5,100	5,900	5,700	5,500	5,400	6,900	6,400	6,000	5,800
80	5,000	4,800	4,800	4,800	5,500	5,300	5,200	5,100	6,500	6,100	5,800	5,600
85	4,600	4,500	4,500	4,500	5,200	5,000	4,900	4,800	6,200	5,800	5,500	5,300
90	4,300	4,200	4,200	4,200	4,900	4,700	4,600	4,500	5,800	5,500	5,200	5,100
95	4,000	4,000	3,900	3,900	4,600	4,400	4,300	4,300	5,500	5,200	5,000	4,900
100	3,800	3,700	3,700	3,700	4,300	4,200	4,100	4,100	5,300	5,000	4,800	4,600
105	3,500	3,500	3,500	3,500	4,100	4,000	3,900	3,900	5,000	4,700	4,500	4,400
110	3,200	3,200	3,200	3,200	3,800	3,700	3,700	3,700	4,800	4,500	4,300	4,300
115	3,000	3,000	3,000	3,000	3,600	3,500	3,500	3,500	4,500	4,300	4,200	4,100
120	2,800	2,800	2,800		3,300	3,300	3,300	3,300	4,300	4,100	4,000	3,900
125	2,600	2,600			3,100	3,100	3,100	3,100	4,100	3,900	3,800	3,800
130					2,900	2,900	2,900	2,900	3,900	3,800	3,700	3,600
135					2,700	2,700	2,700		3,700	3,600	3,500	3,500
140									3,500	3,400	3,400	3,400
145									3,300	3,200	3,200	3,200
150									3,100	3,100	3,100	3,100
155									3,000	2,900	2,900	2,900
160									2,800	2,800	2,800	
165									2,700	2,600	2,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	125.2	125.3	124.8	122.2	139.8	139.9	139.3	136.4	169.9	169.9	169.2	166.0
Capacity	2,500	2,500	2,600	2,800	2,500	2,500	2,600	2,700	2,500	2,500	2,600	2,700

1162080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



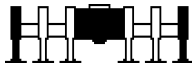
90,000 lbs



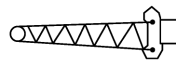
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	9,700	9,700						
40	9,600	9,600						
45	9,300	8,700	8,700		7,600	7,600		
50	9,000	8,400	8,400		7,600	7,600		
55	8,700	8,100	7,500	7,500	7,600	7,600		
60	8,400	7,800	7,200	7,200	7,600	7,600	7,800	
65	8,100	7,500	6,900	6,600	7,600	7,500	7,000	7,000
70	7,800	7,200	6,700	6,300	7,600	7,300	6,800	6,800
75	7,500	6,900	6,400	6,100	7,600	7,000	6,500	6,200
80	7,100	6,600	6,100	5,900	7,400	6,800	6,300	6,000
85	6,800	6,300	5,900	5,600	7,200	6,600	6,100	5,800
90	6,500	6,100	5,700	5,400	6,900	6,400	5,900	5,600
95	6,300	5,800	5,400	5,200	6,700	6,200	5,700	5,500
100	6,000	5,600	5,200	5,000	6,500	6,000	5,500	5,300
105	5,800	5,400	5,000	4,900	6,300	5,800	5,400	5,100
110	5,500	5,100	4,800	4,700	6,000	5,600	5,200	5,000
115	5,300	4,900	4,700	4,500	5,800	5,400	5,000	4,800
120	5,100	4,700	4,500	4,400	5,600	5,200	4,900	4,700
125	4,900	4,600	4,300	4,200	5,400	5,000	4,700	4,500
130	4,700	4,400	4,200	4,100	5,300	4,900	4,600	4,400
135	4,500	4,200	4,000	4,000	5,100	4,700	4,400	4,300
140	4,300	4,100	3,900	3,800	4,900	4,600	4,300	4,200
145	4,100	3,900	3,800	3,700	4,700	4,400	4,200	4,100
150	4,000	3,800	3,600	3,600	4,600	4,300	4,000	4,000
155	3,800	3,600	3,500	3,500	4,400	4,100	3,900	3,800
160	3,600	3,500	3,400	3,400	4,200	4,000	3,800	3,700
165	3,500	3,300	3,300	3,300	3,800	3,900	3,700	3,700
170	3,300	3,200	3,100	3,100	3,500	3,600	3,600	3,600
175	3,200	3,100	3,000	3,000	3,200	3,300	3,500	3,500
180	3,000	3,000	2,900	2,900	2,900	3,000	3,200	3,400
185	2,900	2,800	2,800	2,800	2,600	2,700	2,900	3,000
190	2,800	2,700	2,700		2,400	2,400	2,600	2,800
195	2,700	2,600	2,600		2,100	2,200	2,300	2,500
200	2,500	2,500			1,900	1,900	2,100	2,200
205					1,700	1,700	1,900	1,900
210					1,500	1,500	1,600	1,600
215					1,300	1,300	1,400	1,400
220					1,100	1,100	1,200	
Min Angle	0.0	0.0	0.0	0.0	22.0	22.5	21.0	16.5
Max Rad.	200.8	200.9	200.0	196.6	222.5	222.5	225.0	218.4
Capacity	2,500	2,500	2,600	2,700	0	0	0	0

1162080

Rated Lifting
Capacities in
Pounds



Full



91 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	7,200	7,200						
55	7,200	7,200			6,300	6,300		
60	7,200	7,200			6,300	6,300		
65	7,200	7,200	7,500		6,300	6,300		
70	7,200	7,200	6,800	6,800	6,300	6,300	6,600	
75	7,200	7,100	6,600	6,600	6,300	6,300	6,600	6,600
80	7,200	6,900	6,400	6,100	6,300	6,300	6,400	6,400
85	7,200	6,700	6,200	5,900	6,300	6,300	6,200	5,900
90	7,100	6,500	6,000	5,700	6,300	6,300	6,000	5,800
95	6,900	6,300	5,800	5,600	6,300	6,300	5,900	5,600
100	6,700	6,100	5,700	5,400	6,300	6,200	5,700	5,500
105	6,400	5,900	5,500	5,200	6,300	6,000	5,600	5,300
110	6,200	5,700	5,300	5,100	6,300	5,800	5,400	5,200
115	6,100	5,600	5,200	5,000	6,200	5,700	5,300	5,000
120	5,900	5,400	5,000	4,800	6,000	5,500	5,100	4,900
125	5,700	5,200	4,900	4,700	5,800	5,400	5,000	4,800
130	5,500	5,100	4,700	4,600	5,700	5,200	4,900	4,700
135	5,300	4,900	4,600	4,400	5,500	5,100	4,700	4,600
140	5,200	4,800	4,500	4,300	5,400	4,900	4,600	4,400
145	5,000	4,600	4,300	4,200	5,200	4,800	4,500	4,300
150	4,800	4,500	4,200	4,100	5,100	4,700	4,400	4,200
155	4,700	4,400	4,100	4,000	4,900	4,500	4,300	4,100
160	4,500	4,200	4,000	3,900	4,800	4,400	4,200	4,000
165	4,400	4,100	3,900	3,800	4,600	4,300	4,000	3,900
170	4,100	4,000	3,800	3,700	4,500	4,200	3,900	3,900
175	3,800	3,800	3,700	3,600	4,400	4,100	3,800	3,800
180	3,500	3,500	3,600	3,500	4,100	4,000	3,800	3,700
185	3,200	3,300	3,400	3,500	3,800	3,900	3,700	3,600
190	2,900	3,000	3,200	3,300	3,600	3,600	3,600	3,500
195	2,700	2,700	2,900	3,100	3,300	3,300	3,500	3,500
200	2,400	2,500	2,600	2,800	3,000	3,100	3,200	3,400
205	2,200	2,300	2,400	2,500	2,800	2,800	3,000	3,100
210	2,000	2,000	2,200	2,300	2,600	2,600	2,700	2,900
215	1,800	1,800	1,900	2,000	2,300	2,400	2,500	2,600
220	1,600	1,600	1,700	1,800	2,000	2,100	2,300	2,400
225	1,400	1,400	1,500	1,500	1,800	1,800	2,000	2,200
230	1,200	1,200	1,300	1,300	1,500	1,600	1,800	1,900
235		1,100	1,100		1,300	1,300	1,500	1,600
240						1,100	1,200	1,200
Min Angle	24.5	23.0	24.0	24.0	32.5	31.5	32.0	32.0
Max Rad.	235.0	237.5	237.5	233.3	240.0	242.5	245.0	243.3
Capacity	0	0	0	0	0	0	0	0

1162080

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



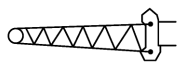
Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500										
30	8,800	8,600	8,600		8,800	8,800						
35	8,200	8,000	8,000		8,300	8,300						
40	7,600	7,500	7,500		7,900	7,600	7,600		7,500	7,500		
45	7,000	6,900	6,900	6,900	7,500	7,200	7,200		7,500	7,200	7,200	
50	6,400	6,400	6,300	6,300	7,000	6,800	6,600	6,600	7,200	6,800	6,800	
55	5,900	5,800	5,800	5,900	6,600	6,400	6,200	6,200	6,800	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	6,200	6,000	5,800	5,800	6,500	6,200	6,000	6,000
65	5,000	5,000	5,000	5,000	5,800	5,600	5,500	5,400	6,200	5,900	5,700	5,600
70	4,600	4,600	4,600	4,600	5,400	5,200	5,100	5,100	5,900	5,600	5,400	5,300
75	4,200	4,200	4,200	4,300	5,100	4,900	4,800	4,800	5,600	5,300	5,100	5,100
80	3,900	3,900	3,900	3,900	4,700	4,600	4,500	4,500	5,300	5,100	4,900	4,800
85	3,600	3,600	3,600	3,600	4,400	4,300	4,200	4,200	5,000	4,800	4,600	4,600
90	3,300	3,300	3,300	3,400	4,100	4,000	4,000	4,000	4,800	4,600	4,400	4,400
95	3,000	3,000	3,100	3,100	3,900	3,800	3,700	3,700	4,500	4,300	4,200	4,100
100	2,800	2,800	2,800	2,900	3,600	3,500	3,500	3,500	4,300	4,100	4,000	3,900
105	2,500	2,500	2,600	2,600	3,400	3,300	3,300	3,300	4,000	3,900	3,800	3,700
110	2,300	2,300	2,300	2,400	3,200	3,100	3,100	3,100	3,800	3,700	3,600	3,500
115	2,100	2,100	2,100	2,200	2,900	2,900	2,900	2,900	3,600	3,500	3,400	3,400
120	1,900	1,900	1,900	2,000	2,700	2,700	2,700	2,700	3,400	3,300	3,200	3,200
125	1,700	1,700	1,700	1,800	2,500	2,500	2,500	2,500	3,200	3,100	3,100	3,000
130	1,500	1,500	1,500	1,600	2,300	2,300	2,300	2,300	3,100	3,000	2,900	2,900
135	1,300	1,300	1,400		2,200	2,200	2,200	2,200	2,900	2,800	2,700	2,700
140	1,200	1,200	1,200		2,000	2,000	2,000	2,000	2,700	2,700	2,600	2,600
145					1,800	1,800	1,800	1,800	2,500	2,500	2,500	2,500
150					1,700	1,700	1,700	1,700	2,400	2,300	2,300	2,300
155					1,500	1,500	1,500	1,500	2,200	2,200	2,200	2,200
160					1,400	1,400	1,400		2,100	2,000	2,000	2,000
165					1,200	1,200	1,300		1,900	1,900	1,900	1,900
170					1,100	1,100	1,100		1,800	1,800	1,800	1,800
175									1,700	1,700	1,700	1,700
180									1,500	1,500	1,500	1,500
185									1,400	1,400	1,400	1,400
190									1,300	1,300	1,300	
195									1,200	1,200	1,200	
200									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	172.4	172.5	171.7	168.5	202.4	202.5	201.7	198.2
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1162090

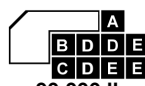
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	5,800	5,800						
55	5,800	5,800						
60	5,800	5,800	6,100		4,600	4,600		
65	5,800	5,800	5,800	5,800	4,600	4,600	4,800	
70	5,800	5,700	5,500	5,500	4,600	4,600	4,800	
75	5,800	5,500	5,300	5,200	4,600	4,600	4,800	
80	5,600	5,300	5,100	5,000	4,600	4,600	4,800	5,100
85	5,400	5,100	4,900	4,800	4,600	4,600	4,800	4,900
90	5,200	4,900	4,700	4,600	4,600	4,600	4,800	4,700
95	4,900	4,700	4,500	4,400	4,600	4,600	4,600	4,600
100	4,700	4,500	4,300	4,200	4,600	4,600	4,500	4,400
105	4,500	4,300	4,100	4,000	4,600	4,500	4,300	4,200
110	4,300	4,100	3,900	3,900	4,600	4,400	4,200	4,100
115	4,100	3,900	3,800	3,700	4,500	4,200	4,000	3,900
120	4,000	3,800	3,600	3,600	4,300	4,100	3,900	3,800
125	3,800	3,600	3,500	3,400	4,200	3,900	3,700	3,700
130	3,600	3,400	3,300	3,300	4,000	3,800	3,600	3,500
135	3,400	3,300	3,200	3,100	3,900	3,600	3,500	3,400
140	3,300	3,100	3,000	3,000	3,700	3,500	3,400	3,300
145	3,100	3,000	2,900	2,900	3,600	3,400	3,200	3,200
150	3,000	2,900	2,800	2,700	3,400	3,200	3,100	3,100
155	2,800	2,700	2,600	2,600	3,300	3,100	3,000	3,000
160	2,700	2,600	2,500	2,500	3,200	3,000	2,900	2,800
165	2,600	2,500	2,400	2,400	3,000	2,900	2,800	2,700
170	2,400	2,300	2,300	2,300	2,700	2,800	2,700	2,600
175	2,300	2,200	2,200	2,200	2,400	2,500	2,600	2,500
180	2,100	2,100	2,100	2,100	2,100	2,200	2,500	2,500
185	2,000	2,000	1,900	1,900	1,900	1,900	2,200	2,400
190	1,900	1,900	1,800	1,800	1,600	1,700	1,900	2,200
195	1,800	1,700	1,700	1,700	1,400	1,400	1,700	1,900
200	1,700	1,600	1,600	1,600	1,200	1,200	1,400	1,600
205	1,600	1,500	1,500	1,500			1,200	1,400
210	1,500	1,400	1,400	1,400				1,100
215	1,400	1,400	1,400	1,400				
220	1,300	1,300	1,300					
225	1,200	1,200	1,200					
230	1,000	1,000	1,100					
Min Angle	0.0	0.0	0.0	0.0	46.0	46.0	46.5	47.0
Max Rad.	233.4	233.4	232.5	228.9	203.3	205.0	210.0	212.5
Capacity	1,000	1,000	1,000	1,000	0	0	0	0

1162090

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



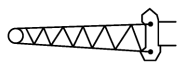
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	4,400	4,400						
65	4,400	4,400			3,800	3,800		
70	4,400	4,400			3,800	3,800		
75	4,400	4,400	4,600		3,800	3,800	4,000	
80	4,400	4,400	4,600	5,200	3,800	3,800	4,000	
85	4,400	4,400	4,600	5,000	3,800	3,800	4,000	
90	4,400	4,400	4,600	4,800	3,800	3,800	4,000	4,600
95	4,400	4,400	4,600	4,600	3,800	3,800	4,000	4,600
100	4,400	4,400	4,600	4,500	3,800	3,800	4,000	4,500
105	4,400	4,400	4,400	4,300	3,800	3,800	4,000	4,400
110	4,400	4,400	4,300	4,200	3,800	3,800	4,000	4,200
115	4,400	4,300	4,100	4,000	3,800	3,800	4,000	4,100
120	4,400	4,200	4,000	3,900	3,800	3,800	4,000	4,000
125	4,300	4,100	3,900	3,800	3,800	3,800	3,900	3,900
130	4,200	3,900	3,700	3,700	3,800	3,800	3,800	3,700
135	4,000	3,800	3,600	3,500	3,800	3,800	3,700	3,600
140	3,900	3,700	3,500	3,400	3,800	3,800	3,600	3,500
145	3,800	3,500	3,400	3,300	3,800	3,700	3,500	3,400
150	3,600	3,400	3,300	3,200	3,800	3,500	3,400	3,300
155	3,500	3,300	3,100	3,100	3,600	3,400	3,300	3,200
160	3,400	3,200	3,000	3,000	3,500	3,300	3,200	3,100
165	3,200	3,100	2,900	2,900	3,400	3,200	3,100	3,000
170	3,100	3,000	2,800	2,800	3,300	3,100	3,000	2,900
175	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
180	2,700	2,700	2,600	2,600	3,100	2,900	2,800	2,700
185	2,400	2,500	2,500	2,500	2,900	2,800	2,700	2,600
190	2,100	2,200	2,400	2,400	2,700	2,700	2,600	2,600
195	1,900	1,900	2,200	2,300	2,400	2,500	2,500	2,500
200	1,600	1,700	1,900	2,100	2,100	2,200	2,400	2,400
205	1,400	1,500	1,700	1,900	1,900	2,000	2,200	2,300
210	1,200	1,200	1,400	1,600	1,700	1,700	1,900	2,100
215			1,200	1,400	1,500	1,500	1,700	1,900
220				1,200	1,300	1,300	1,500	1,700
225					1,100	1,100	1,300	1,400
230							1,100	1,200
Min Angle	47.0	47.5	48.0	48.0	48.0	49.0	49.0	50.0
Max Rad.	215.0	215.0	220.0	223.3	227.5	227.5	232.5	235.0
Capacity	0	0	0	0	0	0	0	0

1162090

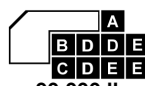
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
25	9,500	9,500			9,500	9,500						
30	8,800	8,600	8,600		8,900	8,900						
35	8,200	8,000	8,000		8,400	8,100	8,100		8,400	8,400		
40	7,600	7,500	7,500		7,900	7,600	7,600		8,000	7,700	7,700	
45	7,000	6,900	6,900	6,900	7,400	7,200	7,000	7,000	7,600	7,300	7,300	
50	6,400	6,400	6,300	6,300	6,800	6,600	6,500	6,500	7,300	6,900	6,700	6,700
55	5,900	5,800	5,800	5,900	6,300	6,200	6,100	6,100	6,900	6,500	6,300	6,300
60	5,400	5,400	5,400	5,400	5,900	5,700	5,700	5,700	6,500	6,200	6,000	5,900
65	5,000	5,000	5,000	5,000	5,400	5,300	5,300	5,300	6,100	5,800	5,700	5,600
70	4,600	4,600	4,600	4,600	5,100	5,000	4,900	4,900	5,800	5,500	5,300	5,300
75	4,200	4,200	4,200	4,300	4,700	4,600	4,600	4,600	5,400	5,200	5,000	5,000
80	3,900	3,900	3,900	3,900	4,300	4,300	4,300	4,300	5,100	4,900	4,800	4,700
85	3,600	3,600	3,600	3,600	4,000	4,000	4,000	4,000	4,800	4,600	4,500	4,400
90	3,300	3,300	3,300	3,400	3,700	3,700	3,700	3,700	4,500	4,400	4,200	4,200
95	3,000	3,000	3,100	3,100	3,500	3,400	3,400	3,400	4,300	4,100	4,000	4,000
100	2,800	2,800	2,800	2,900	3,200	3,200	3,200	3,200	4,000	3,900	3,800	3,800
105	2,500	2,500	2,600	2,600	3,000	3,000	3,000	3,000	3,800	3,600	3,600	3,600
110	2,300	2,300	2,300	2,400	2,800	2,800	2,800	2,800	3,500	3,400	3,400	3,400
115	2,100	2,100	2,100	2,200	2,500	2,500	2,600	2,600	3,300	3,200	3,200	3,200
120	1,900	1,900	1,900	2,000	2,300	2,300	2,300	2,400	3,100	3,000	3,000	3,000
125	1,700	1,700	1,700	1,800	2,100	2,100	2,100	2,200	2,900	2,900	2,800	2,800
130	1,500	1,500	1,500	1,600	1,900	1,900	2,000	2,000	2,800	2,700	2,700	2,700
135	1,300	1,300	1,400		1,700	1,800	1,800	1,800	2,600	2,500	2,500	2,500
140	1,200	1,200	1,200		1,600	1,600	1,600	1,600	2,400	2,400	2,300	2,300
145					1,400	1,400	1,500	1,500	2,200	2,200	2,200	2,200
150					1,300	1,300	1,300		2,000	2,000	2,000	2,000
155					1,100	1,200	1,200		1,900	1,900	1,900	1,900
160									1,700	1,700	1,700	1,800
165									1,600	1,600	1,600	1,600
170									1,500	1,500	1,500	1,500
175									1,400	1,400	1,400	
180									1,200	1,200	1,200	
185									1,100	1,100	1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	143.2	143.3	142.7	139.8	157.8	157.9	157.2	154.1	187.9	187.9	187.1	183.8
Capacity	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200	1,100	1,100	1,100	1,200

1162100

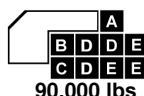
Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



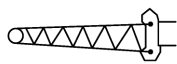
Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	7,000	7,000						
45	7,000	7,000						
50	7,000	6,900	6,900		5,600	5,600		
55	7,000	6,600	6,600		5,600	5,600		
60	6,700	6,300	6,100	6,100	5,600	5,600	5,800	
65	6,400	6,100	5,800	5,800	5,600	5,600	5,800	
70	6,100	5,800	5,600	5,400	5,600	5,600	5,600	5,600
75	5,800	5,500	5,300	5,200	5,600	5,600	5,400	5,400
80	5,600	5,300	5,100	5,000	5,600	5,400	5,200	5,100
85	5,300	5,000	4,800	4,700	5,600	5,200	5,000	4,900
90	5,100	4,800	4,600	4,500	5,400	5,100	4,800	4,700
95	4,800	4,600	4,400	4,300	5,200	4,900	4,600	4,500
100	4,600	4,400	4,200	4,100	5,000	4,700	4,500	4,400
105	4,400	4,200	4,000	3,900	4,800	4,500	4,300	4,200
110	4,200	4,000	3,800	3,800	4,600	4,300	4,100	4,000
115	3,900	3,800	3,600	3,600	4,400	4,200	4,000	3,900
120	3,800	3,600	3,500	3,400	4,200	4,000	3,800	3,700
125	3,600	3,400	3,300	3,300	4,100	3,800	3,700	3,600
130	3,400	3,200	3,100	3,100	3,900	3,700	3,500	3,400
135	3,200	3,100	3,000	3,000	3,700	3,500	3,400	3,300
140	3,000	2,900	2,900	2,800	3,600	3,400	3,200	3,200
145	2,900	2,800	2,700	2,700	3,400	3,200	3,100	3,100
150	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900
155	2,600	2,500	2,500	2,500	3,100	3,000	2,900	2,800
160	2,400	2,400	2,300	2,300	3,000	2,800	2,700	2,700
165	2,300	2,200	2,200	2,200	2,900	2,700	2,600	2,600
170	2,100	2,100	2,100	2,100	2,700	2,600	2,500	2,500
175	2,000	2,000	1,900	1,900	2,600	2,500	2,400	2,400
180	1,900	1,800	1,800	1,800	2,400	2,400	2,300	2,300
185	1,700	1,700	1,700	1,700	2,100	2,200	2,200	2,200
190	1,600	1,600	1,600	1,600	1,900	1,900	2,100	2,100
195	1,500	1,500	1,500	1,500	1,600	1,700	1,900	2,000
200	1,400	1,400	1,400	1,400	1,400	1,500	1,600	1,800
205	1,300	1,300	1,300		1,200	1,200	1,400	1,600
210	1,200	1,200	1,200				1,200	1,300
215	1,100	1,100	1,100					1,100
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.5
Max Rad.	218.8	218.8	218.0	214.4	210.0	210.0	215.0	216.7
Capacity	1,100	1,100	1,100	1,200	0	0	0	0

1162100

Rated Lifting
Capacities in
Pounds



Full



109 ft Hydraulic Offset Fly



90,000 lbs



360°



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	5,300	5,300						
60	5,300	5,300			4,700	4,700		
65	5,300	5,300			4,700	4,700		
70	5,300	5,300	5,500		4,700	4,700		
75	5,300	5,300	5,500	5,500	4,700	4,700	4,900	
80	5,300	5,300	5,300	5,300	4,700	4,700	4,900	
85	5,300	5,300	5,100	5,000	4,700	4,700	4,900	5,100
90	5,300	5,200	4,900	4,800	4,700	4,700	4,900	4,800
95	5,300	5,000	4,700	4,600	4,700	4,700	4,800	4,700
100	5,100	4,800	4,600	4,500	4,700	4,700	4,600	4,500
105	4,900	4,600	4,400	4,300	4,700	4,700	4,500	4,400
110	4,800	4,500	4,300	4,100	4,700	4,600	4,300	4,200
115	4,600	4,300	4,100	4,000	4,700	4,400	4,200	4,100
120	4,400	4,200	4,000	3,900	4,500	4,300	4,100	4,000
125	4,300	4,000	3,800	3,700	4,400	4,100	3,900	3,800
130	4,100	3,900	3,700	3,600	4,200	4,000	3,800	3,700
135	3,900	3,700	3,500	3,500	4,100	3,900	3,700	3,600
140	3,800	3,600	3,400	3,300	4,000	3,700	3,500	3,500
145	3,600	3,400	3,300	3,200	3,800	3,600	3,400	3,300
150	3,500	3,300	3,100	3,100	3,700	3,500	3,300	3,200
155	3,300	3,200	3,000	3,000	3,600	3,300	3,200	3,100
160	3,200	3,000	2,900	2,900	3,400	3,200	3,100	3,000
165	3,100	2,900	2,800	2,800	3,300	3,100	3,000	2,900
170	3,000	2,800	2,700	2,700	3,200	3,000	2,900	2,800
175	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
180	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
185	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,500
190	2,400	2,400	2,300	2,300	2,700	2,600	2,500	2,400
195	2,100	2,200	2,200	2,200	2,600	2,500	2,400	2,400
200	1,900	2,000	2,100	2,100	2,400	2,400	2,300	2,300
205	1,700	1,700	1,900	2,000	2,200	2,300	2,200	2,200
210	1,400	1,500	1,700	1,800	2,000	2,000	2,100	2,100
215	1,200	1,300	1,400	1,600	1,800	1,800	2,000	2,000
220		1,100	1,200	1,400	1,500	1,600	1,800	1,900
225				1,100	1,300	1,400	1,500	1,700
230					1,200	1,200	1,300	1,500
235							1,100	1,300
240								1,100
Min Angle	40.5	40.0	41.0	41.0	42.0	42.0	42.5	42.5
Max Rad.	220.0	222.5	225.0	227.5	233.3	235.0	240.0	241.7
Capacity	0	0	0	0	0	0	0	0

1162100

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Intentionally**



Intermediate



0 lbs



360°

Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	195,000	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	163,600	147,500	168,100	166,600	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	92,800	101,400	99,500	97,200	90,200	104,800	101,500	97,600	83,600	80,600	105,500	101,000
20	46,600	53,600	52,200	50,500	57,300	56,200	53,700	50,900	58,800	57,800	56,700	53,300
25	27,300	33,900	32,700	31,300	37,200	36,200	34,100	31,700	38,400	37,600	36,600	33,800
30	16,800	22,800	21,800	20,500	26,200	25,300	23,400	21,200	27,400	26,600	25,700	23,200
35		15,900	14,900	13,700	19,100	18,300	16,500	14,500	20,400	19,700	18,800	16,400
40		11,100	10,100	9,000	14,200	13,400	11,700	9,800	15,600	14,900	14,100	11,900
45		7,600	6,700	5,600	10,600	9,900	8,200	6,400	11,900	11,300	10,500	8,400
50					7,900	7,100	5,500	3,700	9,100	8,500	7,800	5,700
55					5,700	5,000	3,400		7,000	6,400	5,600	3,600
60					4,000	3,300			5,200	4,600	3,900	
65									3,700	3,200	2,500	
70									2,500	2,000		
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	23.5	35.0	18.5	22.5	29.5	42.5
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	60.0	54.1	75.0	73.2	69.6	60.0
Capacity	10,800	5,500	4,300	3,000	3,000	2,200	0	0	0	0	0	0

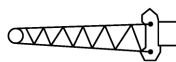
2010010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	117.4 ft	118.3 ft	118.3 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM3	EM4	EM2	EM1	EM3
Radius (ft)									
12	144,700								
15	95,600	68,800	86,700	101,300					
20	49,400	59,700	58,800	55,900	59,600	57,800	58,000		
25	30,500	39,200	38,400	36,000	39,100	37,600	37,800	39,000	38,300
30	20,100	28,100	27,400	25,200	28,000	26,600	26,800	27,900	27,300
35	13,700	21,100	20,400	18,300	21,000	19,700	19,900	20,900	20,300
40	9,200	16,200	15,700	13,700	16,100	15,000	15,200	16,100	15,600
45	5,800	12,800	12,200	10,300	12,700	11,500	11,700	12,700	12,100
50	3,100	10,000	9,400	7,500	10,000	8,900	9,000	10,000	9,400
55		7,800	7,200	5,400	7,900	6,800	6,900	7,900	7,300
60		6,000	5,400	3,700	6,100	5,000	5,100	6,200	5,600
65		4,600	4,000	2,200	4,600	3,500	3,700	4,700	4,200
70		3,300	2,800		3,400	2,300	2,500	3,500	2,900
75		2,300	1,700		2,400		1,400	2,400	1,900
80		1,400			1,500			1,500	
Unpinned	66,600	68,800	79,900	76,300	59,600	57,800	58,000	39,000	38,300
Min Angle	50.0	30.5	34.5	44.5	42.0	47.0	46.5	49.5	51.0
Max Rad.	52.2	81.4	77.8	68.4	81.7	75.0	76.1	82.1	78.9
Capacity	0	0	0	0	0	0	0	0	0

2010010



Intermediate



10 ft Hydraulic Offset Fly



0 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	50,300	50,300	54,500	54,500	53,100	53,100	51,600	51,600	57,100	56,800	56,000	56,000
25	31,300	31,300	34,700	34,700	33,600	33,600	32,300	32,300	37,000	37,000	36,000	36,000
30	20,900	20,900	24,100	24,100	23,100	23,100	21,900	21,900	26,100	26,100	25,200	25,200
35	14,400	14,400	17,300	17,300	16,400	16,400	15,300	15,300	19,100	19,100	18,400	18,400
40	9,800	9,800	12,700	12,700	11,800	11,800	10,800	10,800	14,500	14,500	13,800	13,800
45			9,300	9,300	8,400	8,400	7,500	7,500	11,000	11,000	10,300	10,300
50			6,700	6,700	5,900	5,900	4,900	4,900	8,400	8,400	7,700	7,700
55			4,700	4,700	3,900	3,900			6,300	6,300	5,600	5,600
60									4,600	4,600	4,000	4,000
65									3,200	3,200	2,600	2,600
70									2,100	2,100		
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	22.5	22.5	0.0	0.0	19.0	19.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	55.0	55.0	73.4	73.4	70.0	70.0
Capacity	7,200	7,200	3,500	3,500	2,600	2,600	0	0	1,500	1,500	0	0

2013120

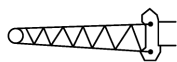
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	53,600	53,600	50,900	50,900	58,000	57,300	57,000	57,000	55,900	55,900	52,700	52,700
25	34,000	34,000	31,700	31,700	37,700	37,700	36,900	36,900	36,000	36,000	33,200	33,200
30	23,400	23,400	21,400	21,400	26,700	26,700	26,000	26,000	25,200	25,200	22,700	22,700
35	16,700	16,700	14,900	14,900	19,800	19,800	19,100	19,100	18,300	18,300	16,000	16,000
40	12,200	12,200	10,400	10,400	15,100	15,100	14,500	14,500	13,700	13,700	11,600	11,600
45	8,800	8,800	7,100	7,100	11,600	11,600	11,000	11,000	10,300	10,300	8,200	8,200
50	6,200	6,200	4,600	4,600	8,900	8,900	8,400	8,400	7,700	7,700	5,700	5,700
55	4,200	4,200	2,600	2,600	6,900	6,900	6,300	6,300	5,600	5,600	3,700	3,700
60	2,600	2,600			5,200	5,200	4,600	4,600	4,000	4,000	2,100	2,100
65					3,800	3,800	3,200	3,200	2,600	2,600		
70					2,600	2,600	2,100	2,100				
75					1,600	1,600						
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	31.0	31.0	39.5	39.5	28.5	28.5	33.0	33.0	38.0	38.0	46.5	46.5
Max Rad.	63.5	63.5	57.3	57.3	77.3	77.3	73.9	73.9	70.0	70.0	61.3	61.3
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2013120

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



0 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
15	75,000	59,500						
20	48,800	48,800	57,800	53,000	57,600	57,200	54,800	54,800
25	30,100	30,100	38,200	38,200	37,400	37,400	35,000	35,000
30	19,800	19,800	27,200	27,200	26,500	26,500	24,300	24,300
35	13,400	13,400	20,200	20,200	19,500	19,500	17,500	17,500
40	9,000	9,000	15,500	15,500	14,900	14,900	13,000	13,000
45	5,700	5,700	12,000	12,000	11,400	11,400	9,600	9,600
50	3,300	3,300	9,300	9,300	8,700	8,700	7,000	7,000
55			7,200	7,200	6,700	6,700	4,900	4,900
60			5,500	5,500	5,000	5,000	3,300	3,300
65			4,100	4,100	3,600	3,600	1,900	1,900
70			3,000	3,000	2,400	2,400		
75			2,000	2,000	1,400	1,400		
Unpinned	66,600	59,500	57,800	53,000	57,600	57,200	54,800	54,800
Min Angle	53.5	53.5	39.0	39.0	42.5	42.5	49.5	49.5
Max Rad.	53.0	53.0	79.9	79.9	75.9	75.9	67.1	67.1
Capacity	0	0	0	0	0	0	0	0

2013120

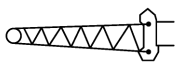
Bm Length	117.4 ft		118.3 ft		118.3 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
20	51,100	51,100	55,600	55,600	53,000	53,000		
25	37,900	37,900	36,400	36,400	36,600	36,600	37,600	37,600
30	26,900	26,900	25,500	25,500	25,700	25,700	26,700	26,700
35	19,900	19,900	18,600	18,600	18,800	18,800	19,700	19,700
40	15,300	15,300	14,100	14,100	14,200	14,200	15,100	15,100
45	11,800	11,800	10,600	10,600	10,800	10,800	11,600	11,600
50	9,100	9,100	8,000	8,000	8,100	8,100	8,900	8,900
55	7,000	7,000	5,900	5,900	6,100	6,100	6,800	6,800
60	5,300	5,300	4,200	4,200	4,400	4,400	5,100	5,100
65	3,900	3,900	2,900	2,900	3,000	3,000	3,700	3,700
70	2,800	2,800	1,700	1,700	1,900	1,900	2,600	2,600
75	1,800	1,800					1,600	1,600
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	37,600	37,600
Min Angle	48.5	48.5	52.0	52.0	52.5	52.5	54.5	54.5
Max Rad.	78.6	78.6	72.4	72.4	72.4	72.4	77.6	77.6
Capacity	0	0	0	0	0	0	0	0

2013110

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



0 lbs



Bm Length	133.3 ft	
Ext Mode	EM3	
Fly Offset	0-2°	2.1-45°
Radius (ft)		
25	36,900	36,900
30	26,000	26,000
35	19,100	19,100
40	14,500	14,500
45	11,000	11,000
50	8,400	8,400
55	6,300	6,300
60	4,600	4,600
65	3,200	3,200
70	2,100	2,100
Unpinned	36,900	36,900
Min Angle	56.0	56.0
Max Rad.	73.8	73.8
Capacity	0	0

2013030



Intermediate



6,400 lbs

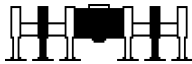


Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	197,000	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	172,900	147,500	176,000	175,700	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	108,700	117,300	115,300	113,100	90,200	120,700	117,300	113,400	83,600	80,600	117,400	116,800
20	55,800	62,900	61,400	59,800	66,500	65,300	62,900	60,100	67,900	66,900	65,800	62,600
25	33,800	40,400	39,200	37,800	43,700	42,700	40,600	38,200	44,900	44,100	43,100	40,300
30	21,800	27,900	26,800	25,500	31,300	30,400	28,400	26,300	32,300	31,600	30,800	28,200
35		20,000	18,900	17,800	23,200	22,400	20,600	18,600	24,500	23,800	22,900	20,500
40		14,600	13,600	12,500	17,600	16,800	15,200	13,300	18,900	18,300	17,500	15,300
45		10,600	9,700	8,500	13,600	12,900	11,200	9,400	14,900	14,300	13,500	11,400
50					10,500	9,800	8,200	6,400	11,800	11,200	10,400	8,300
55					8,100	7,400	5,800	4,000	9,300	8,700	8,000	5,900
60					6,100	5,400	3,900	2,100	7,300	6,700	6,000	4,000
65									5,700	5,100	4,400	2,400
70									4,300	3,700	3,100	
75									3,200	2,600		
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	20.5	33.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	61.4	78.4	78.8	75.0	68.5
Capacity	15,000	8,200	7,000	5,600	5,000	4,100	2,300	0	2,500	1,800	0	0

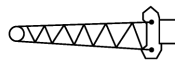
2020010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM3	EM4	EM2	EM5	EM1	EM3
Radius (ft)											
12	144,700										
15	111,400	68,800	86,700	101,300							
20	58,600	60,400	67,900	65,000	60,900	60,300	66,900	58,200	63,300		
25	36,900	45,800	44,900	42,500	38,900	45,600	44,100	44,300	40,900	45,500	44,800
30	25,200	33,000	32,300	30,200	26,900	32,900	31,500	31,700	28,800	32,800	32,200
35	17,700	25,200	24,500	22,400	19,400	25,100	23,800	24,000	21,100	25,000	24,400
40	12,600	19,700	19,000	17,000	14,300	19,600	18,300	18,500	15,800	19,500	18,900
45	8,700	15,800	15,200	13,200	10,500	15,700	14,500	14,700	12,100	15,700	15,100
50	5,800	12,600	12,000	10,200	7,500	12,700	11,500	11,700	9,100	12,600	12,100
55	3,400	10,200	9,600	7,800	5,100	10,200	9,100	9,300	6,800	10,200	9,700
60		8,200	7,600	5,800	3,200	8,200	7,100	7,300	4,800	8,300	7,800
65		6,500	5,900	4,200		6,600	5,500	5,600	3,200	6,600	6,100
70		5,100	4,500	2,800		5,200	4,100	4,300	1,900	5,200	4,700
75		3,900	3,400	1,700		4,000	2,900	3,100		4,100	3,600
80		2,900	2,400			3,000	1,900	2,100		3,100	2,500
85		2,100	1,500			2,100		1,200		2,200	1,700
90						1,400				1,400	
Unpinned	66,600	68,800	79,900	76,300	60,900	60,300	66,900	58,200	63,300	45,500	44,800
Min Angle	44.0	17.5	21.5	36.5	48.0	32.5	40.0	39.5	50.0	42.5	45.0
Max Rad.	59.4	90.0	88.0	76.9	65.0	92.8	84.9	85.5	72.0	92.9	88.9
Capacity	0	0	0	0	0	0	0	0	0	0	0

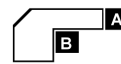
2020010



Intermediate



10 ft Hydraulic Offset Fly



6,400 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	59,600	54,000	63,600	55,800	62,400	55,900	60,800	56,000	66,200	56,800	65,100	57,000
25	37,800	37,800	41,300	41,300	40,100	40,100	38,800	38,800	43,500	43,500	42,600	42,600
30	26,000	26,000	29,100	29,100	28,100	28,100	26,900	26,900	31,100	31,100	30,300	30,300
35	18,400	18,400	21,400	21,400	20,500	20,500	19,400	19,400	23,300	23,300	22,500	22,500
40	13,300	13,300	16,100	16,100	15,300	15,300	14,300	14,300	17,900	17,900	17,100	17,100
45			12,300	12,300	11,400	11,400	10,400	10,400	14,000	14,000	13,300	13,300
50			9,300	9,300	8,500	8,500	7,500	7,500	11,000	11,000	10,400	10,400
55			7,000	7,000	6,200	6,200	5,300	5,300	8,700	8,700	8,000	8,000
60									6,700	6,700	6,100	6,100
65									5,200	5,200	4,500	4,500
70									3,900	3,900	3,200	3,200
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	10,200	10,200	5,700	5,700	4,700	4,700	3,700	3,700	3,200	3,200	2,500	2,500

2023010

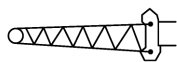
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	62,900	57,100	60,100	57,200	67,100	57,300	66,100	57,300	65,000	57,500	61,900	57,700
25	40,500	40,500	38,300	38,300	44,200	44,200	43,400	43,400	42,500	42,500	39,800	39,800
30	28,500	28,500	26,400	26,400	31,600	31,600	31,000	31,000	30,200	30,200	27,800	27,800
35	20,800	20,800	18,900	18,900	23,900	23,900	23,200	23,200	22,400	22,400	20,100	20,100
40	15,600	15,600	13,800	13,800	18,400	18,400	17,800	17,800	17,100	17,100	15,000	15,000
45	11,800	11,800	10,100	10,100	14,600	14,600	14,000	14,000	13,300	13,300	11,200	11,200
50	8,900	8,900	7,200	7,200	11,600	11,600	11,000	11,000	10,300	10,300	8,300	8,300
55	6,600	6,600	4,900	4,900	9,200	9,200	8,600	8,600	8,000	8,000	6,000	6,000
60	4,700	4,700	3,100	3,100	7,300	7,300	6,700	6,700	6,100	6,100	4,200	4,200
65	3,100	3,100			5,700	5,700	5,200	5,200	4,500	4,500	2,700	2,700
70					4,400	4,400	3,800	3,800	3,200	3,200		
75					3,300	3,300	2,700	2,700	2,100	2,100		
80					2,300	2,300	1,800	1,800				
85					1,500	1,500						
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	20.5	20.5	30.5	30.5	0.0	0.0	19.0	19.0	26.5	26.5	39.0	39.0
Max Rad.	70.0	70.0	65.0	65.0	88.4	88.4	84.2	84.2	80.0	80.0	69.9	69.9
Capacity	0	0	0	0	1,100	1,100	0	0	0	0	0	0

2023020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



6,400 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)										
15	75,000	59,500								
20	58,100	57,900	57,800	53,000	66,700	57,200	63,900	57,600	59,800	57,900
25	36,500	36,500	44,700	44,700	43,900	43,900	41,500	41,500	38,000	38,000
30	24,800	24,800	32,100	32,100	31,500	31,500	29,400	29,400	26,200	26,200
35	17,400	17,400	24,300	24,300	23,600	23,600	21,600	21,600	18,700	18,700
40	12,500	12,500	18,800	18,800	18,200	18,200	16,300	16,300	13,700	13,700
45	8,700	8,700	15,000	15,000	14,400	14,400	12,600	12,600	9,900	9,900
50	5,900	5,900	12,000	12,000	11,400	11,400	9,600	9,600	7,000	7,000
55	3,700	3,700	9,600	9,600	9,000	9,000	7,300	7,300	4,800	4,800
60	1,900	1,900	7,700	7,700	7,100	7,100	5,400	5,400	3,000	3,000
65			6,100	6,100	5,500	5,500	3,900	3,900		
70			4,800	4,800	4,200	4,200	2,600	2,600		
75			3,600	3,600	3,100	3,100	1,500	1,500		
80			2,600	2,600	2,100	2,100				
85			1,800	1,800	1,300	1,300				
Unpinned	66,600	59,500	57,800	53,000	66,700	57,200	63,900	57,600	59,800	57,900
Min Angle	47.0	47.0	29.5	29.5	33.5	33.5	43.0	43.0	52.0	52.0
Max Rad.	61.0	61.0	90.0	90.0	86.5	86.5	76.2	76.2	64.4	64.4
Capacity	0	0	0	0	0	0	0	0	0	0

2023010

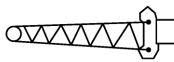
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)										
20	51,100	51,100	55,600	55,600	53,000	53,000	61,900	57,300		
25	44,400	44,400	42,900	42,900	43,100	43,100	39,700	39,700	38,800	38,800
30	31,800	31,800	30,600	30,600	30,800	30,800	27,800	27,800	31,500	31,500
35	24,000	24,000	22,700	22,700	22,900	22,900	20,100	20,100	23,800	23,800
40	18,600	18,600	17,400	17,400	17,500	17,500	15,000	15,000	18,400	18,400
45	14,800	14,800	13,600	13,600	13,800	13,800	11,200	11,200	14,600	14,600
50	11,700	11,700	10,600	10,600	10,800	10,800	8,300	8,300	11,500	11,500
55	9,400	9,400	8,300	8,300	8,400	8,400	6,000	6,000	9,200	9,200
60	7,400	7,400	6,400	6,400	6,500	6,500	4,200	4,200	7,300	7,300
65	5,900	5,900	4,800	4,800	5,000	5,000	2,700	2,700	5,700	5,700
70	4,500	4,500	3,500	3,500	3,600	3,600			4,400	4,400
75	3,400	3,400	2,400	2,400	2,500	2,500			3,200	3,200
80	2,500	2,500	1,400	1,400	1,600	1,600			2,300	2,300
85	1,600	1,600							1,400	1,400
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	61,900	57,300	38,800	38,800
Min Angle	42.0	42.0	46.5	46.5	46.5	46.5	54.0	54.0	49.5	49.5
Max Rad.	88.5	88.5	81.6	81.6	82.4	82.4	69.9	69.9	87.2	87.2
Capacity	0	0	0	0	0	0	0	0	0	0

2023010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



6,400 lbs



Bm Length	133.3 ft	
Ext Mode	EM3	
Fly Offset	0-2°	2.1-45°
Radius (ft)		
25	41,100	41,100
30	31,100	31,100
35	23,200	23,200
40	17,800	17,800
45	14,000	14,000
50	11,000	11,000
55	8,600	8,600
60	6,700	6,700
65	5,200	5,200
70	3,900	3,900
75	2,700	2,700
80	1,800	1,800
Unpinned	41,100	41,100
Min Angle	51.5	51.5
Max Rad.	83.7	83.7
Capacity	0	0

2023030

Rated Lifting
Capacities in
Pounds



Intermediate



10,800 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	198,700	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	175,100	147,500	177,400	176,600	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	119,300	127,800	125,900	123,700	90,200	128,000	127,800	124,100	83,600	80,600	117,400	120,200
20	62,000	69,000	67,500	65,900	72,700	71,500	69,000	66,200	72,900	70,300	72,000	68,700
25	38,200	44,700	43,500	42,100	48,000	47,100	44,900	42,500	49,200	48,300	47,500	44,700
30	25,200	31,200	30,200	28,900	34,600	33,600	31,700	29,600	35,700	34,900	34,000	31,600
35		22,700	21,700	20,500	25,900	25,100	23,300	21,300	27,200	26,500	25,700	23,300
40		16,800	15,900	14,800	19,900	19,100	17,400	15,600	21,200	20,600	19,800	17,500
45		12,600	11,600	10,500	15,600	14,900	13,200	11,400	16,800	16,200	15,500	13,400
50					12,300	11,500	9,900	8,100	13,500	12,900	12,200	10,100
55					9,700	8,900	7,400	5,600	10,900	10,300	9,600	7,500
60					7,500	6,800	5,300	3,500	8,700	8,200	7,500	5,400
65								1,800	7,000	6,400	5,700	3,700
70									5,500	4,900	4,300	2,300
75									4,300	3,700	3,000	

Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	74.0
Capacity	17,800	10,000	8,800	7,400	6,300	5,500	3,600	1,600	3,500	2,900	2,100	0

2030010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM1	EM3
Radius (ft)												
12	144,700											
15	122,000	68,800	86,700	101,300								
20	64,700	60,400	74,100	71,200	67,000	63,700	60,300	70,200	58,200	69,300		
25	41,300	50,000	49,200	46,800	43,200	40,400	49,800	48,300	48,500	45,300	47,400	49,000
30	28,500	36,400	35,700	33,400	30,300	27,700	36,300	34,900	35,100	32,000	36,200	35,500
35	20,400	27,900	27,200	25,100	22,100	19,700	27,800	26,500	26,700	23,800	27,700	27,100
40	14,900	22,000	21,300	19,300	16,400	14,300	21,900	20,700	20,800	18,100	21,800	21,200
45	10,700	17,700	17,000	15,200	12,500	10,200	17,600	16,400	16,600	14,100	17,500	16,900
50	7,500	14,400	13,800	11,900	9,200	7,100	14,400	13,300	13,400	10,900	14,400	13,800
55	5,000	11,700	11,100	9,300	6,700	4,600	11,800	10,700	10,800	8,400	11,800	11,300
60	3,000	9,600	9,000	7,200	4,600	2,600	9,700	8,500	8,700	6,300	9,700	9,200
65		7,800	7,200	5,500	2,900		7,900	6,800	6,900	4,500	7,900	7,400
70		6,300	5,700	4,000			6,400	5,300	5,500	3,100	6,400	5,900
75		5,000	4,500	2,800			5,100	4,100	4,200	1,900	5,200	4,700
80		4,000	3,400	1,700			4,000	3,000	3,100		4,100	3,600
85		3,000	2,500				3,100	2,000	2,200		3,100	2,600
90		2,200	1,600				2,300	1,200	1,400		2,300	1,800
95							1,500				1,600	1,100

Unpinned	66,600	68,800	79,900	76,300	67,000	63,700	60,300	70,200	58,200	69,300	47,400	49,000

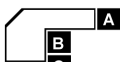
Min Angle	39.0	0.0	0.0	30.0	44.0	50.5	26.0	34.5	34.0	46.0	38.0	41.0
Max Rad.	63.9	93.4	93.8	83.0	70.0	62.7	99.2	91.4	92.5	78.0	99.3	95.7
Capacity	0	1,700	1,100	0	0	0	0	0	0	0	0	0

2030010

Rated Lifting
Capacities in
Pounds



Intermediate



10,800 lbs



Bm Length	135.0 ft
Ext Mode	EM4
Radius (ft)	
25	46,800
30	33,400
35	25,100
40	19,300
45	15,300
50	12,100
55	9,500
60	7,500
65	5,800
70	4,300
75	3,000
80	2,000

Unpinned	46,800

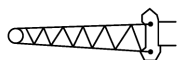
Min Angle	49.0
Max Rad.	84.3
Capacity	0

2030040

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



10,800 lbs



360°

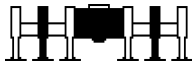
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	65,700	54,000	69,800	55,800	68,500	55,900	66,900	56,000	70,700	56,800	71,300	57,000
25	42,100	42,100	45,600	45,600	44,500	44,500	43,200	43,200	47,700	47,700	46,900	46,900
30	29,300	29,300	32,400	32,400	31,500	31,500	30,300	30,300	34,400	34,400	33,500	33,500
35	21,200	21,200	24,100	24,100	23,200	23,200	22,100	22,100	26,000	26,000	25,200	25,200
40	15,600	15,600	18,400	18,400	17,500	17,500	16,500	16,500	20,200	20,200	19,400	19,400
45			14,300	14,300	13,400	13,400	12,400	12,400	15,900	15,900	15,300	15,300
50			11,100	11,100	10,300	10,300	9,300	9,300	12,800	12,800	12,100	12,100
55			8,600	8,600	7,800	7,800	6,800	6,800	10,200	10,200	9,600	9,600
60									8,200	8,200	7,500	7,500
65									6,500	6,500	5,800	5,800
70									5,100	5,100	4,400	4,400
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	12,300	12,300	7,200	7,200	6,200	6,200	5,100	5,100	4,400	4,400	3,600	3,600

2033130

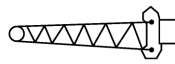
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	68,900	57,100	66,200	57,200	68,400	57,300	66,900	57,300	71,200	57,500	68,000	57,700
25	44,900	44,900	42,600	42,600	48,500	48,500	47,700	47,700	46,900	46,900	44,100	44,100
30	31,700	31,700	29,800	29,800	35,000	35,000	34,300	34,300	33,500	33,500	31,100	31,100
35	23,500	23,500	21,600	21,600	26,600	26,600	25,900	25,900	25,200	25,200	22,900	22,900
40	17,800	17,800	16,000	16,000	20,700	20,700	20,100	20,100	19,400	19,400	17,200	17,200
45	13,800	13,800	12,100	12,100	16,500	16,500	15,900	15,900	15,300	15,300	13,200	13,200
50	10,600	10,600	9,000	9,000	13,300	13,300	12,800	12,800	12,100	12,100	10,100	10,100
55	8,100	8,100	6,500	6,500	10,800	10,800	10,200	10,200	9,600	9,600	7,600	7,600
60	6,100	6,100	4,500	4,500	8,700	8,700	8,200	8,200	7,500	7,500	5,600	5,600
65	4,400	4,400	2,900	2,900	7,000	7,000	6,500	6,500	5,800	5,800	4,000	4,000
70	3,100	3,100	1,500		5,600	5,600	5,000	5,000	4,400	4,400	2,600	2,600
75					4,400	4,400	3,800	3,800	3,200	3,200	1,400	1,400
80					3,300	3,300	2,800	2,800	2,200	2,200		
85					2,400	2,400	1,900	1,900				
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	20.0	25.5	0.0	0.0	0.0	0.0	18.5	18.5	33.0	33.0
Max Rad.	74.7	74.7	70.7	70.0	88.4	88.4	88.9	88.9	85.0	85.0	75.8	75.8
Capacity	2,100	2,100	0	0	2,000	2,000	1,400	1,400	0	0	0	0

2033120

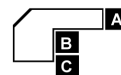
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



10,800 lbs



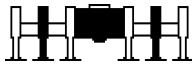
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	64,100	57,900	57,800	53,000	71,700	57,200	70,000	57,600	65,900	57,900	62,700	58,100
25	40,900	40,900	49,000	47,200	48,100	48,100	45,900	45,900	42,400	42,400	39,600	39,600
30	28,200	28,200	35,500	35,500	34,700	34,700	32,600	32,600	29,600	29,600	27,100	27,100
35	20,200	20,200	27,000	27,000	26,400	26,400	24,400	24,400	21,400	21,400	19,100	19,100
40	14,800	14,800	21,100	21,100	20,500	20,500	18,600	18,600	15,800	15,800	13,800	13,800
45	10,700	10,700	16,900	16,900	16,200	16,200	14,600	14,600	11,900	11,900	9,800	9,800
50	7,700	7,700	13,700	13,700	13,100	13,100	11,400	11,400	8,800	8,800	6,800	6,800
55	5,300	5,300	11,200	11,200	10,600	10,600	8,900	8,900	6,400	6,400	4,400	4,400
60	3,300	3,300	9,100	9,100	8,500	8,500	6,800	6,800	4,400	4,400	2,400	2,400
65	1,700	1,700	7,400	7,400	6,800	6,800	5,200	5,200	2,800	2,800		
70			6,000	6,000	5,400	5,400	3,800	3,800				
75			4,700	4,700	4,200	4,200	2,600	2,600				
80			3,700	3,700	3,100	3,100	1,600	1,600				
85			2,800	2,800	2,200	2,200						
90			2,000	2,000	1,400	1,400						
95			1,300	1,300								
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	70,000	57,600	65,900	57,900	62,700	58,100
Min Angle	43.5	43.5	19.5	19.5	26.5	26.5	38.0	38.0	48.5	48.5	54.0	54.0
Max Rad.	65.9	65.9	97.5	97.5	92.9	92.9	82.5	82.5	69.8	69.8	62.9	62.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2033120

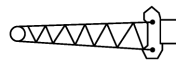
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)										
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300		
25	48,600	48,600	47,200	47,200	47,400	47,400	44,100	44,100	38,800	38,800
30	35,100	35,100	33,800	33,800	34,000	34,000	31,100	31,100	34,900	34,900
35	26,800	26,800	25,500	25,500	25,700	25,700	22,900	22,900	26,500	26,500
40	20,900	20,900	19,700	19,700	19,800	19,800	17,200	17,200	20,700	20,700
45	16,600	16,600	15,600	15,600	15,800	15,800	13,200	13,200	16,400	16,400
50	13,500	13,500	12,400	12,400	12,500	12,500	10,100	10,100	13,300	13,300
55	10,900	10,900	9,800	9,800	10,000	10,000	7,600	7,600	10,700	10,700
60	8,900	8,900	7,800	7,800	7,900	7,900	5,600	5,600	8,700	8,700
65	7,200	7,200	6,100	6,100	6,300	6,300	4,000	4,000	7,000	7,000
70	5,700	5,700	4,700	4,700	4,800	4,800	2,600	2,600	5,500	5,500
75	4,500	4,500	3,500	3,500	3,600	3,600	1,400	1,400	4,300	4,300
80	3,500	3,500	2,500	2,500	2,600	2,600			3,300	3,300
85	2,600	2,600	1,600	1,600	1,700	1,700			2,400	2,400
90	1,800	1,800							1,600	1,600
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	38,800	38,800
Min Angle	37.0	37.0	42.0	42.0	42.0	42.0	51.0	51.0	46.0	46.0
Max Rad.	95.0	95.0	88.5	88.5	89.2	89.2	76.1	76.1	94.3	94.3
Capacity	0	0	0	0	0	0	0	0	0	0

2033120

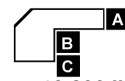
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



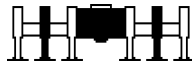
10,800 lbs



Bm Length	133.3 ft		135.0 ft	
Ext Mode	EM3		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)				
25	41,100	41,100	45,400	45,400
30	34,200	34,200	32,100	32,100
35	25,900	25,900	24,000	24,000
40	20,100	20,100	18,200	18,200
45	15,800	15,800	14,200	14,200
50	12,800	12,800	11,100	11,100
55	10,200	10,200	8,600	8,600
60	8,200	8,200	6,500	6,500
65	6,500	6,500	4,900	4,900
70	5,100	5,100	3,500	3,500
75	3,800	3,800	2,300	2,300
80	2,800	2,800	1,300	1,300
85	1,900	1,900		
90	1,100	1,100		
Unpinned	41,100	41,100	45,400	45,400
Min Angle	47.5	47.5	53.5	53.5
Max Rad.	90.7	90.7	80.9	80.9
Capacity	0	0	0	0

2033030

Rated Lifting
Capacities in
Pounds



Intermediate



15,200 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	200,200	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	176,400	147,500	178,800	177,900	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	129,100	135,200	135,700	133,500	90,200	128,000	137,700	133,800	83,600	80,600	117,400	120,200
20	67,600	74,700	73,300	71,600	78,400	77,200	74,800	71,900	72,900	70,300	77,700	74,400
25	42,200	48,700	47,600	46,200	52,000	51,000	48,900	46,600	53,200	52,400	51,400	48,600
30	28,300	34,300	33,200	31,900	37,700	36,800	34,800	32,700	38,800	38,000	37,200	34,600
35		25,300	24,200	23,000	28,500	27,600	25,900	23,800	29,700	29,000	28,200	25,800
40		19,000	18,000	16,900	22,100	21,300	19,600	17,700	23,400	22,700	22,000	19,700
45		14,500	13,500	12,400	17,400	16,600	15,100	13,200	18,700	18,000	17,300	15,200
50					13,900	13,200	11,600	9,800	15,200	14,600	13,800	11,700
55					11,100	10,400	8,800	7,000	12,300	11,700	11,000	9,000
60					8,900	8,100	6,600	4,800	10,100	9,500	8,800	6,700
65								3,000	8,200	7,600	6,900	4,900
70									6,600	6,000	5,400	3,400
75									5,300	4,700	4,000	2,100
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	78.9
Capacity	20,400	11,700	10,400	9,100	7,600	6,700	4,800	2,800	4,500	3,800	3,100	0

2040010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	70,500	60,400	77,000	76,900	72,700	69,400	60,300	70,200	58,200	75,100	71,500		
25	45,300	53,600	53,200	50,700	47,300	44,500	53,900	52,300	51,900	49,200	46,200	47,400	50,100
30	31,600	39,500	38,800	36,600	33,300	30,900	39,400	38,000	38,200	35,100	32,300	39,300	38,600
35	23,000	30,500	29,800	27,700	24,600	22,200	30,400	29,100	29,200	26,400	23,800	30,300	29,700
40	17,000	24,100	23,500	21,500	18,600	16,300	24,100	22,800	23,000	20,200	17,800	24,000	23,400
45	12,600	19,500	18,900	17,000	14,300	12,100	19,400	18,200	18,400	15,800	13,500	19,400	18,800
50	9,200	15,900	15,400	13,600	10,900	8,800	15,900	14,900	15,100	12,500	10,200	15,900	15,500
55	6,500	13,200	12,600	10,800	8,200	6,100	13,300	12,100	12,300	9,800	7,600	13,300	12,700
60	4,300	10,900	10,300	8,500	5,900	3,900	11,000	9,900	10,000	7,600	5,400	11,000	10,500
65	2,500	9,000	8,400	6,700	4,100	2,100	9,100	8,000	8,100	5,700	3,500	9,100	8,600
70		7,400	6,800	5,100	2,600		7,500	6,400	6,600	4,200	2,000	7,500	7,000
75		6,100	5,500	3,800			6,100	5,100	5,200	2,900		6,200	5,700
80		4,900	4,300	2,700			5,000	3,900	4,100	1,700		5,000	4,500
85		3,900	3,300	1,700			4,000	2,900	3,100			4,000	3,500
90		3,000	2,500				3,100	2,000	2,200			3,100	2,600
95							2,300	1,300	1,400			2,400	1,900
100							1,600					1,700	1,200
Unpinned	66,600	68,800	79,900	76,300	67,400	69,400	60,300	70,200	58,200	73,100	71,500	47,400	50,100
Min Angle	34.5	0.0	0.0	22.5	40.0	47.5	17.0	28.5	28.5	42.5	50.5	33.5	36.5
Max Rad.	68.3	93.4	93.8	88.6	75.0	66.8	105.0	97.1	97.9	82.9	72.4	105.0	101.4
Capacity	0	2,500	1,900	0	0	0	0	0	0	0	0	0	0

2040010

Rated Lifting
Capacities in
Pounds



Intermediate

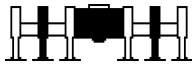


15,200 lbs

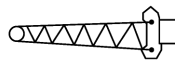


Bm Length	135.0 ft	150.0 ft	150.1 ft
Ext Mode	EM4	EM3	EM2
Radius (ft)			
25	50,700		
30	36,500	37,200	37,100
35	27,700	28,300	28,200
40	21,500	22,100	22,000
45	17,000	17,600	17,500
50	13,700	14,300	14,200
55	11,000	11,600	11,500
60	8,800	9,400	9,300
65	7,000	7,600	7,500
70	5,400	6,000	5,900
75	4,100	4,700	4,600
80	2,900	3,600	3,500
85	1,900	2,600	2,500
90		1,700	1,600
Unpinned	50,700	37,200	37,100
Min Angle	45.5	49.0	50.0
Max Rad.	90.0	94.4	93.5
Capacity	0	0	0

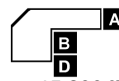
2040030



Intermediate



10 ft Hydraulic Offset Fly



15,200 lbs



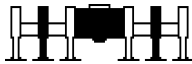
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	71,400	54,000	75,000	55,800	74,200	55,900	72,700	56,000	70,700	56,800	75,000	57,000
25	46,200	46,200	49,600	49,600	48,500	48,500	47,200	47,200	51,800	51,800	50,900	50,900
30	32,400	32,400	35,500	35,500	34,500	34,500	33,300	33,300	37,500	37,500	36,600	36,600
35	23,700	23,700	26,700	26,700	25,700	25,700	24,700	24,700	28,500	28,500	27,800	27,800
40	17,700	17,700	20,600	20,600	19,700	19,700	18,700	18,700	22,300	22,300	21,600	21,600
45			16,100	16,100	15,300	15,300	14,300	14,300	17,800	17,800	17,100	17,100
50			12,700	12,700	11,900	11,900	10,900	10,900	14,400	14,400	13,800	13,800
55			10,100	10,100	9,200	9,200	8,300	8,300	11,700	11,700	11,000	11,000
60									9,500	9,500	8,800	8,800
65									7,700	7,700	7,000	7,000
70									6,200	6,200	5,500	5,500
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	14,200	14,200	8,500	8,500	7,500	7,500	6,400	6,400	5,400	5,400	4,700	4,700

2043010

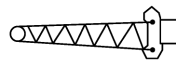
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	74,700	57,100	72,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	73,700	57,700
25	48,800	48,800	46,700	46,700	52,500	52,500	51,700	51,700	50,800	50,800	48,000	48,000
30	34,800	34,800	32,800	32,800	38,100	38,100	37,400	37,400	36,600	36,600	34,100	34,100
35	26,100	26,100	24,200	24,200	29,100	29,100	28,500	28,500	27,700	27,700	25,400	25,400
40	20,000	20,000	18,200	18,200	22,900	22,900	22,300	22,300	21,500	21,500	19,400	19,400
45	15,600	15,600	13,900	13,900	18,300	18,300	17,700	17,700	17,000	17,000	15,100	15,100
50	12,300	12,300	10,600	10,600	15,000	15,000	14,400	14,400	13,700	13,700	11,700	11,700
55	9,600	9,600	8,000	8,000	12,200	12,200	11,700	11,700	11,000	11,000	9,100	9,100
60	7,400	7,400	5,800	5,800	10,100	10,100	9,500	9,500	8,800	8,800	6,900	6,900
65	5,600	5,600	4,100	4,100	8,200	8,200	7,700	7,700	7,000	7,000	5,200	5,200
70	4,200	4,200	2,600	2,600	6,700	6,700	6,100	6,100	5,500	5,500	3,700	3,700
75			1,400	1,400	5,400	5,400	4,800	4,800	4,200	4,200	2,400	2,400
80					4,300	4,300	3,700	3,700	3,100	3,100	1,300	1,300
85					3,300	3,300	2,800	2,800	2,200	2,200		
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	27.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	80.8	80.8
Capacity	3,100	3,100	1,300	1,300	2,800	2,800	2,200	2,200	1,600	1,600	0	0

2043020

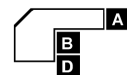
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



15,200 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	69,900	57,900	57,800	53,000	71,700	57,200	75,000	57,600	71,600	57,900	68,300	58,100
25	44,900	44,900	50,900	47,200	52,200	52,200	49,800	49,800	46,400	46,400	43,600	43,600
30	31,300	31,300	38,600	38,600	37,900	37,900	35,700	35,700	32,500	32,500	30,200	30,200
35	22,700	22,700	29,600	29,600	28,900	28,900	26,900	26,900	24,000	24,000	21,600	21,600
40	16,800	16,800	23,300	23,300	22,700	22,700	20,800	20,800	18,000	18,000	15,800	15,800
45	12,600	12,600	18,700	18,700	18,100	18,100	16,300	16,300	13,800	13,800	11,600	11,600
50	9,300	9,300	15,400	15,400	14,800	14,800	13,000	13,000	10,400	10,400	8,400	8,400
55	6,700	6,700	12,600	12,600	12,000	12,000	10,300	10,300	7,800	7,800	5,800	5,800
60	4,600	4,600	10,400	10,400	9,800	9,800	8,200	8,200	5,700	5,700	3,800	3,800
65	2,900	2,900	8,600	8,600	8,000	8,000	6,400	6,400	4,000	4,000	2,100	2,100
70			7,100	7,100	6,500	6,500	4,900	4,900	2,500	2,500		
75			5,800	5,800	5,200	5,200	3,600	3,600				
80			4,600	4,600	4,100	4,100	2,500	2,500				
85			3,600	3,600	3,100	3,100	1,600	1,600				
90			2,800	2,800	2,300	2,300						
95			2,000	2,000	1,500	1,500						
100			1,400	1,400								
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	68,300	58,100

Min Angle	40.0	40.0	0.0	0.0	17.5	18.0	33.0	33.0	45.0	45.0	51.0	51.0
Max Rad.	70.0	70.0	103.4	103.4	99.2	100.0	88.1	88.1	74.8	74.8	66.8	66.8
Capacity	0	0	1,100	1,100	0	0	0	0	0	0	0	0

2043010

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	51,100	51,100	50,100	47,500	48,000	48,000	45,100	45,100	38,800	38,800
30	38,300	38,300	36,900	36,900	37,100	37,100	34,100	34,100	31,500	31,500	38,000	38,000
35	29,300	29,300	28,000	28,000	28,200	28,200	25,400	25,400	22,900	22,900	29,100	29,100
40	23,000	23,000	21,800	21,800	22,000	22,000	19,300	19,300	16,900	16,900	22,800	22,800
45	18,500	18,500	17,300	17,300	17,500	17,500	15,100	15,100	12,800	12,800	18,200	18,200
50	15,100	15,100	14,000	14,000	14,200	14,200	11,700	11,700	9,500	9,500	14,900	14,900
55	12,400	12,400	11,300	11,300	11,400	11,400	9,100	9,100	6,900	6,900	12,200	12,200
60	10,200	10,200	9,100	9,100	9,300	9,300	6,900	6,900	4,800	4,800	10,000	10,000
65	8,400	8,400	7,300	7,300	7,500	7,500	5,200	5,200	3,100	3,100	8,200	8,200
70	6,800	6,800	5,800	5,800	5,900	5,900	3,700	3,700	1,600	1,600	6,700	6,700
75	5,500	5,500	4,500	4,500	4,700	4,700	2,400	2,400			5,400	5,400
80	4,400	4,400	3,400	3,400	3,600	3,600	1,400	1,400			4,200	4,200
85	3,500	3,500	2,500	2,500	2,600	2,600					3,300	3,300
90	2,600	2,600	1,600	1,600	1,700	1,700					2,400	2,400
95	1,800	1,800									1,700	1,700
100	1,200	1,200										
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800

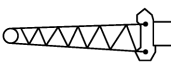
Min Angle	31.5	31.5	38.0	38.0	38.0	38.0	48.0	48.0	54.5	54.5	42.5	42.5
Max Rad.	101.7	101.7	94.1	94.1	95.0	95.0	81.2	81.2	71.0	71.0	100.0	100.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2043010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



15,200 lbs



Bm Length	133.3 ft		135.0 ft		150.0 ft		150.1 ft	
Ext Mode	EM3		EM4		EM3		EM2	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
25	41,100	41,100	46,700	46,700				
30	37,400	37,400	35,300	35,300	35,400	35,400	33,400	33,400
35	28,500	28,500	26,500	26,500	27,000	27,000	26,900	26,900
40	22,200	22,200	20,400	20,400	20,900	20,900	20,800	20,800
45	17,700	17,700	15,900	15,900	16,400	16,400	16,300	16,300
50	14,400	14,400	12,700	12,700	13,200	13,200	13,100	13,100
55	11,700	11,700	10,000	10,000	10,500	10,500	10,400	10,400
60	9,500	9,500	7,900	7,900	8,300	8,300	8,200	8,200
65	7,700	7,700	6,100	6,100	6,500	6,500	6,400	6,400
70	6,200	6,200	4,600	4,600	5,000	5,000	4,900	4,900
75	4,900	4,900	3,300	3,300	3,700	3,700	3,600	3,600
80	3,800	3,800	2,200	2,200	2,600	2,600	2,500	2,500
85	2,800	2,800	1,300	1,300	1,700	1,700	1,600	1,600
90	2,000	2,000						
95	1,200	1,200						
Unpinned	41,100	41,100	46,700	46,700	35,400	35,400	33,400	33,400
Min Angle	44.5	44.5	51.0	51.0	54.0	54.0	55.0	55.0
Max Rad.	96.4	96.4	85.8	85.8	88.9	88.9	87.8	87.8
Capacity	0	0	0	0	0	0	0	0

2043020

Rated Lifting
Capacities in
Pounds



Intermediate



19,600 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	201,800	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	177,800	147,500	180,200	179,300	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	139,700	135,200	146,300	144,000	90,200	128,000	138,200	144,400	83,600	80,600	117,400	120,200
20	73,800	80,800	79,500	77,800	78,500	83,300	80,800	78,100	72,900	70,300	83,800	80,500
25	46,600	53,100	51,900	50,500	56,400	55,400	53,200	50,800	57,600	56,700	55,800	52,900
30	31,700	37,700	36,600	35,300	41,000	40,100	38,200	36,000	42,100	41,400	40,500	38,000
35		28,000	27,000	25,800	31,200	30,400	28,600	26,600	32,400	31,700	31,000	28,600
40		21,300	20,300	19,200	24,400	23,600	21,900	20,000	25,700	25,000	24,300	22,000
45		16,400	15,500	14,400	19,400	18,600	17,000	15,200	20,700	20,000	19,300	17,100
50					15,700	14,900	13,300	11,500	16,800	16,200	15,600	13,500
55					12,700	12,000	10,400	8,600	13,900	13,300	12,600	10,500
60					10,300	9,600	8,000	6,300	11,500	10,900	10,200	8,200
65								4,300	9,500	8,900	8,200	6,200
70									7,800	7,200	6,500	4,600
75									6,400	5,800	5,100	3,200
80												2,000
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	23,200	13,500	12,200	10,800	8,900	8,000	6,100	4,100	5,600	4,900	4,100	1,800

2050010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	76,600	60,400	77,000	83,000	78,900	75,600	60,300	70,200	58,200	79,100	77,600		
25	49,600	53,600	57,600	55,100	51,500	48,700	53,900	56,700	51,900	53,500	50,400	47,400	50,100
30	34,900	42,900	42,100	39,900	36,700	34,100	42,800	41,400	41,600	38,500	35,700	42,700	42,000
35	25,700	33,100	32,400	30,400	27,400	25,000	33,000	31,700	31,800	29,100	26,500	32,900	32,200
40	19,300	26,500	25,800	23,800	20,900	18,600	26,400	25,100	25,300	22,600	20,100	26,300	25,700
45	14,600	21,500	20,900	19,000	16,200	14,100	21,400	20,200	20,400	17,800	15,500	21,400	20,800
50	10,900	17,700	17,100	15,300	12,600	10,500	17,700	16,500	16,700	14,300	11,900	17,600	17,100
55	8,100	14,800	14,200	12,400	9,700	7,600	14,900	13,700	13,900	11,400	9,100	14,800	14,300
60	5,700	12,300	11,700	10,000	7,400	5,300	12,400	11,300	11,400	9,000	6,800	12,500	11,900
65	3,800	10,300	9,700	8,000	5,400	3,400	10,400	9,300	9,400	7,000	4,800	10,400	9,900
70	2,200	8,600	8,000	6,300	3,800	1,800	8,700	7,600	7,800	5,400	3,200	8,700	8,200
75		7,200	6,600	4,900	2,400		7,200	6,200	6,300	4,000	1,800	7,300	6,800
80		5,900	5,400	3,700			6,000	4,900	5,100	2,800		6,100	5,600
85		4,900	4,300	2,600			4,900	3,900	4,000	1,700		5,000	4,500
90		3,900	3,400	1,700			4,000	2,900	3,100			4,000	3,500
95							3,200	2,100	2,300			3,200	2,700
100							2,400	1,400	1,500			2,500	2,000
105							1,800					1,800	1,300
110												1,200	
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	28.0	0.0	0.0	8.0	35.5	44.0	0.0	21.5	20.0	38.0	48.0	27.5	32.0
Max Rad.	72.9	93.4	93.8	94.4	80.0	71.2	108.8	102.9	104.2	88.7	77.0	112.0	107.5
Capacity	0	3,400	2,800	0	0	0	1,300	0	0	0	0	0	0

2050010



Intermediate



19,600 lbs



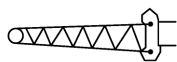
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	164.6 ft
Ext Mode	EM4	EM5	EM3	EM2	EM1
Radius (ft)					
25	55,000	52,300			
30	39,900	37,400	40,600	39,700	30,000
35	30,400	28,100	31,100	31,000	30,000
40	23,800	21,600	24,400	24,300	25,200
45	19,000	16,800	19,600	19,500	20,300
50	15,500	13,400	15,900	15,800	16,600
55	12,600	10,500	13,200	13,000	13,900
60	10,200	8,200	10,800	10,700	11,500
65	8,300	6,300	8,900	8,800	9,500
70	6,600	4,700	7,200	7,100	7,900
75	5,200	3,300	5,800	5,700	6,500
80	4,000	2,100	4,600	4,500	5,300
85	2,900		3,500	3,400	4,200
90	2,000		2,600	2,500	3,300
95	1,100		1,800	1,700	2,500
100					1,700
105					1,100
Unpinned	55,000	52,300	40,600	39,700	30,000
Min Angle	41.5	49.5	46.0	46.5	48.5
Max Rad.	95.7	84.4	100.0	99.4	105.8
Capacity	0	0	0	0	0

2050020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



19,600 lbs

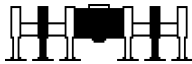


Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	50,500	50,500	53,900	53,900	52,800	52,800	51,500	51,500	56,100	54,000	55,200	55,200
30	35,800	35,800	38,900	38,900	37,900	37,900	36,700	36,700	40,900	40,900	40,000	40,000
35	26,400	26,400	29,400	29,400	28,500	28,500	27,400	27,400	31,300	31,300	30,500	30,500
40	20,000	20,000	22,900	22,900	22,000	22,000	21,000	21,000	24,600	24,600	23,900	23,900
45			18,100	18,100	17,200	17,200	16,200	16,200	19,800	19,800	19,100	19,100
50			14,500	14,500	13,700	13,700	12,700	12,700	16,100	16,100	15,500	15,500
55			11,600	11,600	10,800	10,800	9,900	9,900	13,300	13,300	12,600	12,600
60									10,900	10,900	10,200	10,200
65									9,000	9,000	8,300	8,300
70									7,400	7,400	6,700	6,700
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	16,200	16,200	10,000	10,000	9,000	9,000	7,900	7,900	6,500	6,500	5,800	5,800

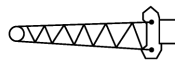
2053010

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	53,200	53,200	50,900	50,900	56,900	54,400	56,100	53,400	55,100	55,100	52,400	52,400
30	38,200	38,200	36,200	36,200	41,500	41,500	40,800	40,800	39,900	39,900	37,500	37,500
35	28,800	28,800	26,900	26,900	31,800	31,800	31,200	31,200	30,400	30,400	28,200	28,200
40	22,300	22,300	20,500	20,500	25,200	25,200	24,600	24,600	23,800	23,800	21,700	21,700
45	17,600	17,600	15,800	15,800	20,300	20,300	19,700	19,700	19,000	19,000	16,900	16,900
50	14,000	14,000	12,400	12,400	16,600	16,600	16,000	16,000	15,500	15,500	13,500	13,500
55	11,200	11,200	9,500	9,500	13,800	13,800	13,200	13,200	12,600	12,600	10,600	10,600
60	8,800	8,800	7,200	7,200	11,500	11,500	10,900	10,900	10,300	10,300	8,300	8,300
65	6,900	6,900	5,400	5,400	9,500	9,500	9,000	9,000	8,300	8,300	6,500	6,500
70	5,400	5,400	3,800	3,800	7,900	7,900	7,300	7,300	6,700	6,700	4,900	4,900
75			2,500	2,500	6,500	6,500	5,900	5,900	5,300	5,300	3,500	3,500
80					5,300	5,300	4,800	4,800	4,200	4,200	2,300	2,300
85					4,300	4,300	3,800	3,800	3,100	3,100	1,400	
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	23.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	86.9	85.0
Capacity	4,200	4,200	2,400	2,400	3,700	3,700	3,100	3,100	2,500	2,500	0	0

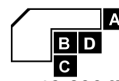
2053020



Intermediate



10 ft Hydraulic Offset Fly



19,600 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	74,500	58,100
25	49,100	49,100	50,900	47,200	56,500	56,100	54,100	54,100	50,600	50,600	47,800	47,800
30	34,600	34,600	41,900	41,900	41,200	41,200	39,100	39,100	35,900	35,900	33,400	33,400
35	25,400	25,400	32,200	32,200	31,600	31,600	29,600	29,600	26,700	26,700	24,400	24,400
40	19,100	19,100	25,600	25,600	25,000	25,000	23,100	23,100	20,300	20,300	18,100	18,100
45	14,600	14,600	20,700	20,700	20,100	20,100	18,300	18,300	15,700	15,700	13,600	13,600
50	11,100	11,100	17,000	17,000	16,400	16,400	14,800	14,800	12,200	12,200	10,100	10,100
55	8,300	8,300	14,200	14,200	13,600	13,600	11,900	11,900	9,400	9,400	7,400	7,400
60	6,100	6,100	11,800	11,800	11,300	11,300	9,600	9,600	7,100	7,100	5,200	5,200
65	4,200	4,200	9,900	9,900	9,300	9,300	7,700	7,700	5,300	5,300	3,400	3,400
70	2,700	2,700	8,300	8,300	7,700	7,700	6,100	6,100	3,700	3,700	1,800	1,800
75			6,900	6,900	6,300	6,300	4,700	4,700	2,400	2,400		
80			5,600	5,600	5,100	5,100	3,500	3,500				
85			4,600	4,600	4,100	4,100	2,500	2,500				
90			3,700	3,700	3,200	3,200	1,600	1,600				
95			2,900	2,900	2,400	2,400						
100			2,200	2,200	1,700	1,700						
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,500	58,100

Min Angle	35.0	35.0	0.0	0.0	0.0	0.0	27.0	27.0	41.5	41.5	48.0	48.0
Max Rad.	75.0	75.0	103.4	103.4	103.9	103.9	93.8	93.8	80.0	80.0	71.4	71.4
Capacity	0	0	1,800	1,800	1,300	1,300	0	0	0	0	0	0

2053010

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,500	55,500	50,100	47,500	52,300	52,300	49,300	49,300	38,800	38,800
30	41,600	41,600	40,300	40,300	40,500	40,500	37,400	37,400	34,700	34,700	38,800	38,800
35	31,900	31,900	30,800	30,800	30,900	30,900	28,100	28,100	25,600	25,600	31,600	31,600
40	25,300	25,300	24,100	24,100	24,300	24,300	21,700	21,700	19,200	19,200	25,100	25,100
45	20,500	20,500	19,300	19,300	19,500	19,500	16,900	16,900	14,800	14,800	20,200	20,200
50	16,700	16,700	15,800	15,800	15,800	15,800	13,500	13,500	11,200	11,200	16,500	16,500
55	14,000	14,000	12,900	12,900	13,000	13,000	10,600	10,600	8,400	8,400	13,800	13,800
60	11,600	11,600	10,500	10,500	10,700	10,700	8,300	8,300	6,200	6,200	11,400	11,400
65	9,700	9,700	8,600	8,600	8,800	8,800	6,500	6,500	4,400	4,400	9,500	9,500
70	8,000	8,000	7,000	7,000	7,100	7,100	4,900	4,900	2,800	2,800	7,800	7,800
75	6,600	6,600	5,600	5,600	5,800	5,800	3,500	3,500			6,500	6,500
80	5,500	5,500	4,500	4,500	4,600	4,600	2,400	2,400			5,300	5,300
85	4,400	4,400	3,400	3,400	3,600	3,600	1,400	1,400			4,200	4,200
90	3,500	3,500	2,500	2,500	2,600	2,600					3,300	3,300
95	2,700	2,700	1,700	1,700	1,800	1,800					2,500	2,500
100	2,000	2,000			1,100	1,100					1,800	1,800
105	1,300	1,300									1,200	1,200
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800

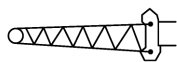
Min Angle	25.0	25.0	33.5	33.5	33.0	33.0	44.5	44.5	52.0	52.0	38.0	38.0
Max Rad.	108.0	108.0	100.0	100.0	100.8	100.8	86.7	86.7	75.0	75.0	106.7	106.7
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2053020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



19,600 lbs



360°

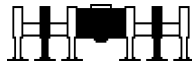
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)										
25	41,100	41,100	46,700	46,700	50,800	50,800				
30	40,700	40,700	38,600	38,600	36,200	36,200	35,400	35,400	33,400	33,400
35	31,200	31,200	29,300	29,300	27,000	27,000	29,800	29,800	29,700	29,700
40	24,500	24,500	22,700	22,700	20,500	20,500	23,200	23,200	23,100	23,100
45	19,700	19,700	17,900	17,900	15,900	15,900	18,400	18,400	18,300	18,300
50	16,000	16,000	14,500	14,500	12,500	12,500	14,900	14,900	14,800	14,800
55	13,300	13,300	11,600	11,600	9,600	9,600	12,000	12,000	11,900	11,900
60	10,900	10,900	9,300	9,300	7,400	7,400	9,700	9,700	9,600	9,600
65	9,000	9,000	7,400	7,400	5,500	5,500	7,800	7,800	7,700	7,700
70	7,400	7,400	5,800	5,800	3,900	3,900	6,200	6,200	6,100	6,100
75	6,000	6,000	4,400	4,400	2,600	2,600	4,800	4,800	4,700	4,700
80	4,800	4,800	3,300	3,300	1,500	1,500	3,700	3,700	3,600	3,600
85	3,800	3,800	2,200	2,200			2,700	2,700	2,600	2,600
90	2,900	2,900	1,400	1,400			1,800	1,800	1,700	1,700
95	2,100	2,100								
100	1,300	1,300								
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400
Min Angle	40.5	40.5	47.5	47.5	53.5	53.5	51.5	51.5	52.0	52.0
Max Rad.	102.5	102.5	92.3	92.3	81.7	81.7	95.0	95.0	94.4	94.4
Capacity	0	0	0	0	0	0	0	0	0	0

2053020

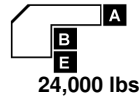
Bm Length	164.6 ft	
Ext Mode	EM1	
Fly Offset	0-2°	2.1-45°
Radius (ft)		
30	25,600	25,600
35	25,600	25,600
40	23,800	23,800
45	19,000	19,000
50	15,500	15,500
55	12,600	12,600
60	10,300	10,300
65	8,400	8,400
70	6,800	6,800
75	5,400	5,400
80	4,200	4,200
85	3,200	3,200
90	2,300	2,300
95	1,500	1,500
Unpinned	25,600	25,600
Min Angle	54.0	54.5
Max Rad.	98.6	100.0
Capacity	0	0

2053010

Rated Lifting
Capacities in
Pounds



Intermediate



24,000 lbs



360°

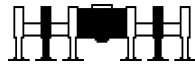
Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	203,300	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	179,200	147,500	181,600	180,700	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	147,800	135,200	152,400	151,000	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	79,600	86,600	85,100	83,500	78,500	89,100	86,600	83,800	72,900	70,300	89,500	86,200
25	50,600	57,100	55,900	54,500	60,400	59,400	57,300	54,900	61,600	60,800	59,800	57,000
30	34,800	40,800	39,700	38,400	44,200	43,300	41,300	39,100	45,300	44,500	43,600	41,100
35		30,500	29,500	28,300	33,700	32,800	31,200	29,100	34,900	34,200	33,400	31,100
40		23,500	22,500	21,300	26,500	25,700	24,000	22,100	27,800	27,200	26,400	24,200
45		18,300	17,300	16,200	21,300	20,500	18,900	17,000	22,500	21,900	21,100	19,000
50					17,300	16,500	15,000	13,200	18,500	17,900	17,100	15,100
55					14,200	13,400	11,900	10,100	15,400	14,800	14,100	12,000
60					11,600	10,900	9,300	7,600	12,800	12,200	11,500	9,500
65								5,500	10,700	10,100	9,400	7,400
70									8,900	8,300	7,700	5,700
75									7,400	6,800	6,200	4,200
80												2,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	25,900	15,200	13,900	12,500	10,200	9,300	7,400	5,300	6,500	5,800	5,100	2,800

2060010

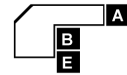
Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	82,300	60,400	77,000	88,700	84,500	81,200	60,300	70,200	58,200	79,100	80,400		
25	53,600	53,600	61,600	59,100	55,600	52,700	53,900	60,700	51,900	57,600	54,500	47,400	50,100
30	38,000	46,000	45,300	43,000	39,800	37,200	45,900	44,500	44,700	41,600	38,800	43,200	45,100
35	28,200	35,600	34,900	32,800	29,900	27,500	35,500	34,200	34,400	31,700	29,000	35,400	34,800
40	21,400	28,600	27,900	25,900	23,100	20,800	28,500	27,300	27,400	24,700	22,200	28,400	27,800
45	16,400	23,400	22,700	20,800	18,000	15,800	23,300	22,100	22,300	19,600	17,200	23,200	22,700
50	12,600	19,300	18,700	16,900	14,300	12,100	19,300	18,200	18,300	15,800	13,600	19,300	18,700
55	9,500	16,100	15,600	13,800	11,200	9,100	16,200	15,200	15,300	12,800	10,600	16,100	15,700
60	7,000	13,600	13,000	11,300	8,700	6,600	13,700	12,600	12,800	10,300	8,100	13,800	13,200
65	5,000	11,500	10,900	9,200	6,600	4,600	11,600	10,500	10,600	8,200	6,000	11,600	11,100
70	3,300	9,700	9,100	7,400	4,900	2,900	9,800	8,700	8,900	6,500	4,300	9,800	9,300
75	1,800	8,200	7,600	5,900	3,400		8,300	7,200	7,300	5,000	2,900	8,300	7,800
80		6,900	6,300	4,600	2,200		7,000	5,900	6,000	3,700	1,600	7,000	6,500
85		5,800	5,200	3,500			5,800	4,800	4,900	2,600		5,900	5,400
90		4,800	4,200	2,500			4,800	3,800	3,900	1,600		4,900	4,400
95				1,700			3,900	2,900	3,100			4,000	3,500
100							3,200	2,100	2,300			3,200	2,700
105							2,500					2,500	2,000
110												1,900	1,400
115												1,300	
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	20.0	0.0	0.0	0.0	30.0	41.0	0.0	18.5	19.0	33.5	44.5	20.0	26.0
Max Rad.	77.3	93.4	93.8	95.1	84.9	75.0	108.8	105.0	105.0	93.7	82.1	118.0	113.3
Capacity	0	4,200	3,600	1,700	0	0	2,000	0	0	0	0	0	0

2060010

Rated Lifting
Capacities in
Pounds



Intermediate



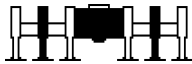
24,000 lbs



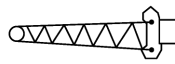
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1
Radius (ft)						
25	57,100	56,400				
30	43,000	40,500	42,400	39,700	41,900	30,000
35	32,800	30,600	33,400	33,300	31,700	30,000
40	25,900	23,700	26,600	26,500	25,000	27,300
45	20,800	18,700	21,400	21,300	19,900	22,200
50	16,900	15,000	17,500	17,400	16,000	18,200
55	14,000	12,000	14,600	14,500	13,100	15,300
60	11,500	9,600	12,100	12,000	10,700	12,800
65	9,500	7,500	10,100	10,000	8,600	10,800
70	7,700	5,800	8,300	8,200	6,900	9,000
75	6,200	4,300	6,800	6,700	5,400	7,600
80	4,900	3,000	5,500	5,400	4,200	6,300
85	3,800	1,900	4,400	4,300	3,000	5,100
90	2,800		3,400	3,300	2,100	4,100
95	1,900		2,500	2,400	1,200	3,200
100	1,200		1,800	1,700		2,500
105			1,100			1,800
110						1,100
Unpinned	57,100	56,400	42,400	39,700	41,900	30,000
Min Angle	38.0	46.5	42.5	43.5	48.5	46.0
Max Rad.	101.4	89.5	105.7	105.0	96.2	111.0
Capacity	0	0	0	0	0	0

2060010

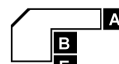
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	54,500	51,700	58,000	54,000	56,900	54,100	55,600	54,200	60,200	54,000	59,300	55,400
30	38,900	38,900	42,000	42,000	41,000	41,000	39,800	39,800	44,000	44,000	43,100	43,100
35	29,000	29,000	31,900	31,900	31,000	31,000	29,900	29,900	33,700	33,700	32,900	32,900
40	22,200	22,200	25,000	25,000	24,200	24,200	23,100	23,100	26,800	26,800	26,000	26,000
45			19,900	19,900	19,100	19,100	18,100	18,100	21,700	21,700	20,900	20,900
50			16,100	16,100	15,300	15,300	14,300	14,300	17,800	17,800	17,100	17,100
55			13,100	13,100	12,300	12,300	11,300	11,300	14,700	14,700	14,100	14,100
60									12,200	12,200	11,600	11,600
65									10,200	10,200	9,500	9,500
70									8,500	8,500	7,800	7,800
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	18,100	18,100	11,300	11,300	10,300	10,300	9,200	9,200	7,600	7,600	6,800	6,800

2063010

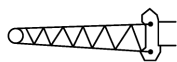
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	57,200	55,600	55,000	55,000	60,000	54,400	58,700	53,400	59,200	56,200	56,400	56,400
30	41,300	41,300	39,300	39,300	44,600	44,600	43,900	43,900	43,100	43,100	40,600	40,600
35	31,400	31,400	29,500	29,500	34,300	34,300	33,600	33,600	32,900	32,900	30,700	30,700
40	24,400	24,400	22,600	22,600	27,300	27,300	26,700	26,700	26,000	26,000	23,800	23,800
45	19,400	19,400	17,700	17,700	22,200	22,200	21,600	21,600	20,900	20,900	18,800	18,800
50	15,700	15,700	14,000	14,000	18,300	18,300	17,700	17,700	17,000	17,000	15,100	15,100
55	12,600	12,600	11,000	11,000	15,300	15,300	14,700	14,700	14,000	14,000	12,100	12,100
60	10,200	10,200	8,600	8,600	12,800	12,800	12,200	12,200	11,600	11,600	9,700	9,700
65	8,100	8,100	6,600	6,600	10,700	10,700	10,200	10,200	9,500	9,500	7,700	7,700
70	6,500	6,500	4,900	4,900	9,000	9,000	8,400	8,400	7,800	7,800	6,000	6,000
75			3,500	3,500	7,500	7,500	7,000	7,000	6,400	6,400	4,500	4,500
80					6,200	6,200	5,700	5,700	5,100	5,100	3,300	3,300
85					5,200	5,200	4,600	4,600	4,000	4,000	2,200	2,200
90											1,400	1,400
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	5,200	5,200	3,500	3,500	4,600	4,600	4,000	4,000	3,300	3,300	1,300	1,300

2063020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	53,200	53,200	50,900	47,200	60,600	56,100	58,200	56,400	54,700	54,700	51,900	51,900
30	37,700	37,700	45,100	42,600	44,300	44,300	42,200	42,200	39,000	39,000	36,500	36,500
35	28,000	28,000	34,700	34,700	34,000	34,000	32,000	32,000	29,300	29,300	26,900	26,900
40	21,200	21,200	27,700	27,700	27,100	27,100	25,200	25,200	22,400	22,400	20,200	20,200
45	16,300	16,300	22,600	22,600	22,000	22,000	20,100	20,100	17,500	17,500	15,500	15,500
50	12,700	12,700	18,600	18,600	18,000	18,000	16,300	16,300	13,800	13,800	11,800	11,800
55	9,800	9,800	15,700	15,700	15,100	15,100	13,400	13,400	10,800	10,800	8,900	8,900
60	7,400	7,400	13,100	13,100	12,600	12,600	10,900	10,900	8,400	8,400	6,500	6,500
65	5,400	5,400	11,100	11,100	10,500	10,500	8,900	8,900	6,500	6,500	4,600	4,600
70	3,800	3,800	9,400	9,400	8,800	8,800	7,200	7,200	4,800	4,800	2,900	2,900
75	2,400	2,400	7,900	7,900	7,300	7,300	5,700	5,700	3,400	3,400	1,500	1,500
80			6,600	6,600	6,100	6,100	4,500	4,500	2,200	2,200		
85			5,500	5,500	5,000	5,000	3,400	3,400				
90			4,500	4,500	4,000	4,000	2,500	2,500				
95			3,700	3,700	3,200	3,200	1,600	1,600				
100			3,000	3,000	2,400	2,400						
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100

Min Angle	29.5	29.5	0.0	0.0	0.0	0.0	19.5	20.0	37.5	37.5	45.5	45.5
Max Rad.	80.0	80.0	103.4	103.4	103.9	103.9	99.3	100.0	85.0	85.0	75.7	75.7
Capacity	0	0	2,600	2,600	2,000	2,000	0	0	0	0	0	0

2063010

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	56,400	56,400	53,300	53,300	38,800	38,800
30	44,800	44,100	43,400	43,400	43,600	42,800	40,600	40,600	37,800	37,800	38,800	38,800
35	34,400	34,400	33,200	33,200	33,300	33,300	30,700	30,700	28,100	28,100	34,200	34,200
40	27,500	27,500	26,300	26,300	26,400	26,400	23,800	23,800	21,400	21,400	27,300	27,300
45	22,300	22,300	21,200	21,200	21,300	21,300	18,800	18,800	16,500	16,500	22,100	22,100
50	18,400	18,400	17,300	17,300	17,400	17,400	15,100	15,100	12,900	12,900	18,200	18,200
55	15,400	15,400	14,300	14,300	14,500	14,500	12,100	12,100	9,900	9,900	15,200	15,200
60	12,900	12,900	11,900	11,900	12,000	12,000	9,700	9,700	7,500	7,500	12,700	12,700
65	10,900	10,900	9,800	9,800	10,000	10,000	7,700	7,700	5,600	5,600	10,700	10,700
70	9,100	9,100	8,100	8,100	8,200	8,200	6,000	6,000	3,900	3,900	9,000	9,000
75	7,700	7,700	6,700	6,700	6,800	6,800	4,600	4,600	2,500	2,500	7,500	7,500
80	6,400	6,400	5,400	5,400	5,500	5,500	3,300	3,300	1,300	1,300	6,200	6,200
85	5,300	5,300	4,300	4,300	4,400	4,400	2,300	2,300			5,100	5,100
90	4,300	4,300	3,300	3,300	3,500	3,500	1,300	1,300			4,200	4,200
95	3,500	3,500	2,500	2,500	2,600	2,600					3,300	3,300
100	2,700	2,700	1,700	1,700	1,900	1,900					2,500	2,500
105	2,000	2,000	1,100	1,100	1,200	1,200					1,900	1,900
110	1,400	1,400									1,300	1,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800

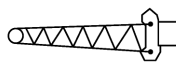
Min Angle	17.5	17.5	28.0	28.0	27.5	27.5	40.5	40.5	49.0	49.0	34.0	34.0
Max Rad.	114.0	114.0	105.8	105.8	106.7	106.7	91.9	91.9	80.7	80.7	112.5	112.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2063010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



24,000 lbs



Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	41,800	41,800	39,300	39,300	35,400	35,400	33,400	33,400	38,500	38,500
35	33,600	33,600	31,600	31,600	29,500	29,500	32,100	32,100	32,000	32,000	30,700	30,700
40	26,700	26,700	24,800	24,800	22,700	22,700	25,300	25,300	25,200	25,200	23,800	23,800
45	21,500	21,500	19,800	19,800	17,700	17,700	20,200	20,200	20,100	20,100	18,700	18,700
50	17,600	17,600	15,900	15,900	14,100	14,100	16,400	16,400	16,300	16,300	15,100	15,100
55	14,700	14,700	13,000	13,000	11,100	11,100	13,500	13,500	13,400	13,400	12,100	12,100
60	12,200	12,200	10,600	10,600	8,700	8,700	11,000	11,000	10,900	10,900	9,600	9,600
65	10,200	10,200	8,600	8,600	6,700	6,700	9,000	9,000	8,900	8,900	7,600	7,600
70	8,500	8,500	6,900	6,900	5,000	5,000	7,300	7,300	7,200	7,200	6,000	6,000
75	7,000	7,000	5,400	5,400	3,600	3,600	5,900	5,900	5,800	5,800	4,500	4,500
80	5,700	5,700	4,200	4,200	2,400	2,400	4,600	4,600	4,500	4,500	3,300	3,300
85	4,700	4,700	3,100	3,100	1,400	1,400	3,500	3,500	3,400	3,400	2,200	2,200
90	3,700	3,700	2,200	2,200			2,600	2,600	2,500	2,500	1,300	1,300
95	2,800	2,800	1,400	1,400			1,800	1,800	1,700	1,700		
100	2,100	2,100							1,100			
105	1,400	1,400										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	37.0	37.0	44.5	45.0	51.0	51.0	49.0	49.0	49.5	49.5	53.5	53.5
Max Rad.	108.3	108.3	97.5	100.0	86.6	86.6	100.0	100.0	99.4	100.7	91.6	91.6
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2063020

Bm Length	164.6 ft	
Ext Mode	EM1	
Fly Offset	0-2°	2.1-45°
Radius (ft)		
30	25,600	25,600
35	25,600	25,600
40	25,600	25,600
45	20,900	20,900
50	17,000	17,000
55	14,100	14,100
60	11,600	11,600
65	9,600	9,600
70	7,900	7,900
75	6,400	6,400
80	5,200	5,200
85	4,100	4,100
90	3,100	3,100
95	2,300	2,300
100	1,500	1,500
Unpinned	25,600	25,600
Min Angle	52.0	52.0
Max Rad.	104.2	104.2
Capacity	0	0

2063010

Rated Lifting
Capacities in
Pounds



Intermediate



28,400 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	204,900	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	180,700	147,500	183,000	182,100	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	152,600	135,200	155,400	154,500	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	85,700	92,700	91,300	89,600	78,500	95,200	92,800	89,900	72,900	70,300	95,600	92,400
25	54,900	61,500	60,300	58,900	64,700	63,700	61,600	59,200	64,500	62,300	64,100	61,400
30	38,100	44,200	43,100	41,800	47,500	46,600	44,700	42,500	48,500	47,800	47,000	44,400
35		33,200	32,200	31,100	36,400	35,600	33,800	31,800	37,700	37,000	36,100	33,700
40		25,800	24,800	23,600	28,800	28,000	26,400	24,400	30,200	29,500	28,700	26,500
45		20,300	19,300	18,200	23,300	22,500	20,900	19,000	24,500	23,900	23,100	21,000
50					19,000	18,300	16,700	14,900	20,200	19,600	18,900	16,800
55					15,700	15,000	13,400	11,600	16,900	16,300	15,600	13,600
60					13,000	12,300	10,800	9,000	14,200	13,600	12,900	10,900
65								6,800	12,000	11,400	10,700	8,700
70									10,100	9,500	8,800	6,900
75									8,500	7,900	7,300	5,300
80												3,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	28,700	17,000	15,700	14,300	11,500	10,600	8,700	6,600	7,600	6,900	6,100	3,800

2070020

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	88,400	60,400	77,000	93,700	90,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	58,000	53,600	65,800	63,400	59,900	57,100	53,900	65,000	51,900	61,900	58,800	47,400	50,100
30	41,400	48,100	48,500	46,400	43,200	40,600	48,500	47,700	46,600	45,000	42,200	43,200	48,300
35	31,000	38,400	37,700	35,600	32,500	30,300	38,200	36,900	37,100	34,200	31,600	38,100	37,500
40	23,800	30,900	30,200	28,300	25,400	23,100	30,800	29,600	29,700	27,000	24,500	30,700	30,100
45	18,400	25,400	24,700	22,800	20,000	17,800	25,300	24,100	24,300	21,600	19,200	25,200	24,600
50	14,300	21,100	20,500	18,600	15,900	13,900	21,100	19,900	20,100	17,500	15,300	21,000	20,500
55	11,100	17,700	17,100	15,400	12,800	10,700	17,800	16,600	16,800	14,400	12,200	17,700	17,200
60	8,500	15,100	14,500	12,700	10,100	8,100	15,100	14,000	14,200	11,700	9,500	15,200	14,700
65	6,300	12,800	12,200	10,500	7,900	5,900	12,900	11,800	11,900	9,500	7,300	12,900	12,400
70	4,500	10,900	10,300	8,600	6,100	4,100	11,000	9,900	10,100	7,700	5,500	11,000	10,500
75	2,900	9,300	8,700	7,000	4,500	2,600	9,400	8,300	8,500	6,100	4,000	9,400	8,900
80	1,600	7,900	7,300	5,700	3,200		8,000	6,900	7,100	4,800	2,600	8,000	7,500
85		6,700	6,200	4,500	2,000		6,800	5,700	5,900	3,600	1,500	6,800	6,300
90		5,700	5,100	3,400			5,700	4,700	4,800	2,500		5,800	5,300
95				2,500			4,800	3,800	3,900	1,600		4,800	4,300
100							4,000	2,900	3,100			4,000	3,500
105							3,200	2,200	2,300			3,300	2,800
110												2,600	2,100
115												2,000	1,500
120												1,500	
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	23.5	36.5	0.0	0.0	0.0	29.0	41.0	0.0	17.5
Max Rad.	81.9	93.4	93.8	95.1	89.9	80.0	108.8	109.7	109.7	98.7	86.9	124.3	120.0
Capacity	1,100	5,100	4,400	2,500	0	0	2,800	1,600	1,800	0	0	1,100	0

2070020



Intermediate



28,400 lbs



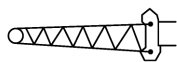
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3
Radius (ft)								
25	57,100	60,700						
30	46,400	43,900	42,400	39,700	45,300	30,000	33,600	35,400
35	35,500	33,200	36,200	36,100	34,500	30,000	33,600	35,200
40	28,300	26,000	28,900	28,800	27,300	29,600	27,900	27,900
45	22,800	20,700	23,400	23,300	21,900	24,200	22,400	22,500
50	18,700	16,600	19,300	19,200	17,800	20,000	18,300	18,400
55	15,600	13,600	16,000	15,900	14,700	16,700	15,300	15,300
60	13,000	11,000	13,600	13,400	12,100	14,200	12,600	12,700
65	10,800	8,800	11,400	11,300	9,900	12,000	10,500	10,500
70	8,900	7,000	9,500	9,400	8,100	10,200	8,700	8,700
75	7,300	5,400	7,900	7,800	6,500	8,700	7,100	7,200
80	5,900	4,100	6,600	6,500	5,200	7,300	5,800	5,800
85	4,700	2,900	5,400	5,300	4,000	6,100	4,600	4,600
90	3,700	1,900	4,300	4,200	3,000	5,000	3,500	3,600
95	2,800		3,400	3,300	2,100	4,100	2,600	2,700
100	2,000		2,600	2,500	1,200	3,300	1,800	1,800
105	1,200		1,800	1,700		2,500	1,100	1,100
110			1,200	1,100		1,900		
115						1,200		
Unpinned	57,100	60,700	42,400	39,700	45,300	30,000	33,600	35,400
Min Angle	33.5	43.5	39.0	40.0	45.5	43.0	48.5	49.0
Max Rad.	106.7	94.5	111.7	110.8	101.4	117.0	105.7	105.7
Capacity	0	0	0	0	0	0	0	0

2070020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



28,400 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	58,900	51,700	62,300	54,000	61,200	54,100	59,900	54,200	61,700	54,000	63,500	55,400
30	42,300	42,300	45,400	45,400	44,300	44,300	43,200	43,200	47,300	47,300	46,500	46,500
35	31,700	31,700	34,600	34,600	33,700	33,700	32,600	32,600	36,500	36,500	35,700	35,700
40	24,500	24,500	27,400	27,400	26,500	26,500	25,400	25,400	29,100	29,100	28,300	28,300
45			21,900	21,900	21,100	21,100	20,100	20,100	23,700	23,700	22,900	22,900
50			17,800	17,800	17,000	17,000	16,000	16,000	19,500	19,500	18,800	18,800
55			14,700	14,700	13,900	13,900	12,900	12,900	16,200	16,200	15,600	15,600
60									13,700	13,700	13,000	13,000
65									11,500	11,500	10,800	10,800
70									9,700	9,700	9,000	9,000
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	20,100	20,100	12,800	12,800	11,700	11,700	10,600	10,600	8,700	8,700	7,900	7,900

2073010

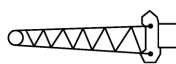
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	61,600	55,600	59,300	55,700	60,000	54,400	58,700	53,400	63,400	56,200	60,800	56,400
30	44,700	44,700	42,600	42,600	47,900	47,900	47,300	47,300	46,400	46,400	44,000	44,000
35	34,000	34,000	32,100	32,100	37,000	37,000	36,400	36,400	35,600	35,600	33,300	33,300
40	26,800	26,800	25,000	25,000	29,700	29,700	29,000	29,000	28,300	28,300	26,100	26,100
45	21,400	21,400	19,700	19,700	24,200	24,200	23,600	23,600	22,900	22,900	20,800	20,800
50	17,300	17,300	15,700	15,700	20,000	20,000	19,400	19,400	18,800	18,800	16,700	16,700
55	14,200	14,200	12,600	12,600	16,800	16,800	16,200	16,200	15,600	15,600	13,700	13,700
60	11,600	11,600	10,000	10,000	14,200	14,200	13,700	13,700	13,000	13,000	11,100	11,100
65	9,400	9,400	7,900	7,900	12,000	12,000	11,500	11,500	10,800	10,800	9,000	9,000
70	7,700	7,700	6,100	6,100	10,200	10,200	9,600	9,600	9,000	9,000	7,200	7,200
75			4,700	4,600	8,600	8,600	8,100	8,100	7,500	7,500	5,600	5,600
80					7,300	7,300	6,700	6,700	6,100	6,100	4,300	4,300
85					6,100	6,100	5,600	5,600	5,000	5,000	3,200	3,200
90											2,300	2,300
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	6,300	6,300	4,500	4,500	5,500	5,500	4,900	4,900	4,200	4,200	2,200	2,200

2073020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



28,400 lbs



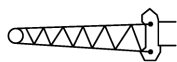
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	57,500	56,600	50,900	47,200	64,800	56,100	62,500	56,400	59,000	56,800	56,200	56,200
30	41,100	41,100	45,300	42,600	47,600	47,600	45,600	45,600	42,400	42,400	39,900	39,900
35	30,700	30,700	37,500	37,500	36,800	36,800	34,800	34,800	31,900	31,900	29,700	29,700
40	23,600	23,600	30,100	30,100	29,400	29,400	27,500	27,500	24,700	24,700	22,500	22,500
45	18,300	18,300	24,600	24,600	24,000	24,000	22,100	22,100	19,500	19,500	17,400	17,400
50	14,500	14,500	20,400	20,400	19,800	19,800	18,000	18,000	15,600	15,600	13,500	13,500
55	11,300	11,300	17,100	17,100	16,500	16,500	14,900	14,900	12,400	12,400	10,400	10,400
60	8,800	8,800	14,600	14,600	14,000	14,000	12,300	12,300	9,900	9,900	7,900	7,900
65	6,700	6,700	12,400	12,400	11,800	11,800	10,200	10,200	7,800	7,800	5,900	5,900
70	5,000	5,000	10,600	10,600	10,000	10,000	8,400	8,400	6,000	6,000	4,100	4,100
75	3,500	3,500	9,000	9,000	8,400	8,400	6,800	6,800	4,500	4,500	2,600	2,600
80	2,200	2,200	7,600	7,600	7,100	7,100	5,500	5,500	3,200	3,200		
85			6,500	6,500	5,900	5,900	4,400	4,400	2,100	2,100		
90			5,400	5,400	4,900	4,900	3,400	3,400	1,100	1,100		
95			4,500	4,500	4,000	4,000	2,500	2,500				
100			3,800	3,800	3,200	3,200	1,700	1,700				
105							1,000	1,000				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	22.5	22.5	0.0	0.0	0.0	0.0	0.0	0.0	32.5	32.5	42.5	42.5
Max Rad.	85.0	85.0	103.4	103.4	103.9	103.9	105.2	105.2	90.6	90.6	80.0	80.0
Capacity	0	0	3,300	3,300	2,800	2,800	1,000	1,000	0	0	0	0

2073010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



28,400 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	60,700	56,400	57,700	56,600	38,800	38,800
30	46,300	44,100	46,800	46,800	44,900	42,800	43,900	43,900	41,200	41,200	38,800	38,800
35	37,200	37,200	35,900	35,900	36,100	36,100	33,300	33,300	30,900	30,900	36,900	36,200
40	29,800	29,800	28,600	28,600	28,800	28,800	26,100	26,100	23,700	23,700	29,600	29,600
45	24,300	24,300	23,200	23,200	23,300	23,300	20,800	20,800	18,500	18,500	24,100	24,100
50	20,100	20,100	19,000	19,000	19,200	19,200	16,700	16,700	14,600	14,600	19,900	19,900
55	16,800	16,800	15,800	15,800	15,900	15,900	13,700	13,700	11,500	11,500	16,600	16,600
60	14,300	14,300	13,300	13,300	13,400	13,400	11,100	11,100	8,900	8,900	14,200	14,200
65	12,200	12,200	11,100	11,100	11,300	11,300	9,000	9,000	6,900	6,900	12,000	12,000
70	10,300	10,300	9,300	9,300	9,400	9,400	7,200	7,200	5,100	5,100	10,100	10,100
75	8,800	8,800	7,800	7,800	7,900	7,900	5,700	5,700	3,600	3,600	8,600	8,600
80	7,400	7,400	6,400	6,400	6,600	6,600	4,400	4,400	2,300	2,300	7,300	7,300
85	6,300	6,300	5,300	5,300	5,400	5,400	3,200	3,200	1,200	1,200	6,100	6,100
90	5,200	5,200	4,200	4,200	4,400	4,400	2,200	2,200			5,100	5,100
95	4,300	4,300	3,300	3,300	3,500	3,500	1,300	1,300			4,200	4,200
100	3,500	3,500	2,500	2,500	2,700	2,700					3,400	3,400
105	2,800	2,800	1,800	1,800	2,000	2,000					2,600	2,600
110	2,200	2,200	1,200	1,200	1,300	1,300					2,000	2,000
115	1,600	1,600									1,400	1,400
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800

Min Angle	0.0	0.0	21.5	21.5	20.0	20.0	37.0	37.0	46.0	46.0	29.0	29.0
Max Rad.	118.9	118.9	111.7	111.7	113.0	113.0	96.9	96.9	85.6	85.6	119.0	119.0
Capacity	1,200	1,200	0	0	0	0	0	0	0	0	0	0

2073010

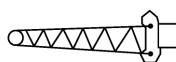
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	45,100	45,100	42,700	42,700	35,400	35,400	33,400	33,400	38,500	38,500
35	36,300	36,300	34,400	34,400	32,100	32,100	34,900	34,900	33,400	33,400	33,200	33,200
40	29,000	29,000	27,200	27,200	25,000	25,000	27,700	27,700	27,500	27,500	26,100	26,100
45	23,500	23,500	21,800	21,800	19,700	19,700	22,200	22,200	22,100	22,100	20,700	20,700
50	19,400	19,400	17,700	17,700	15,700	15,700	18,100	18,100	18,000	18,000	16,700	16,700
55	16,100	16,100	14,600	14,600	12,700	12,700	15,100	15,100	15,000	15,000	13,600	13,600
60	13,600	13,600	12,000	12,000	10,100	10,100	12,500	12,500	12,400	12,400	11,100	11,100
65	11,500	11,500	9,900	9,900	8,000	8,000	10,300	10,300	10,200	10,200	8,900	8,900
70	9,700	9,700	8,100	8,100	6,200	6,200	8,500	8,500	8,400	8,400	7,100	7,100
75	8,100	8,100	6,500	6,500	4,700	4,700	7,000	7,000	6,900	6,900	5,600	5,600
80	6,800	6,800	5,200	5,200	3,400	3,400	5,700	5,700	5,600	5,600	4,300	4,300
85	5,600	5,600	4,100	4,100	2,300	2,300	4,500	4,500	4,400	4,400	3,200	3,200
90	4,600	4,600	3,100	3,100	1,300	1,300	3,500	3,500	3,400	3,400	2,200	2,200
95	3,700	3,700	2,200	2,200			2,600	2,600	2,500	2,500	1,300	1,300
100	2,900	2,900	1,400	1,400			1,800	1,800	1,700	1,700		
105	2,200	2,200					1,100	1,100				
110	1,500	1,500										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500

Min Angle	32.5	32.5	41.5	41.5	48.5	48.5	46.0	46.0	47.0	47.0	51.0	51.0
Max Rad.	114.2	114.2	102.9	102.9	91.4	91.4	105.8	105.8	105.0	105.0	96.9	100.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2073030



Intermediate



10 ft Hydraulic Offset Fly



28,400 lbs

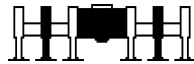


360°

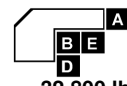
Bm Length	164.6 ft		165.0 ft		165.9 ft	
Ext Mode	EM1		EM2		EM3	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)						
30	25,600	25,600	28,800	28,800	29,400	29,400
35	25,600	25,600	28,800	28,800	29,400	29,400
40	25,600	25,600	26,600	26,600	26,600	26,600
45	22,900	22,900	21,200	21,200	21,200	21,200
50	18,700	18,700	17,100	17,100	17,100	17,100
55	15,700	15,700	14,100	14,100	14,100	14,100
60	13,000	13,000	11,500	11,500	11,500	11,500
65	10,900	10,900	9,400	9,400	9,400	9,400
70	9,100	9,100	7,600	7,600	7,600	7,600
75	7,500	7,500	6,000	6,000	6,100	6,100
80	6,200	6,200	4,700	4,700	4,800	4,800
85	5,000	5,000	3,600	3,600	3,600	3,600
90	4,000	4,000	2,600	2,600	2,600	2,600
95	3,100	3,100	1,700	1,700	1,800	1,800
100	2,300	2,300		1,200		
105	1,600	1,600				
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400
Min Angle	49.5	49.5	54.0	54.0	54.0	54.0
Max Rad.	110.0	110.0	99.4	101.3	100.0	100.0
Capacity	0	0	0	0	0	0

2073010

Rated Lifting
Capacities in
Pounds



Intermediate



32,800 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	206,400	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	182,000	147,500	184,300	183,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	153,800	135,200	156,500	155,600	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	91,400	98,400	97,000	95,400	78,500	100,900	98,400	95,600	72,900	70,300	101,300	98,000
25	59,000	65,500	64,200	62,900	68,700	67,700	65,600	63,300	64,500	62,300	68,100	65,300
30	41,200	47,300	46,200	44,900	50,600	49,700	47,700	45,600	51,600	50,900	50,000	47,600
35		35,800	34,700	33,500	39,000	38,100	36,400	34,300	40,200	39,500	38,700	36,300
40		27,900	26,900	25,800	31,000	30,200	28,500	26,600	32,200	31,600	30,900	28,600
45		22,100	21,200	20,100	25,100	24,300	22,700	20,800	26,400	25,700	25,000	22,800
50					20,600	19,900	18,300	16,500	21,900	21,300	20,500	18,400
55					17,100	16,400	14,900	13,100	18,300	17,700	17,000	15,000
60					14,300	13,600	12,100	10,300	15,600	15,000	14,300	12,200
65								8,000	13,200	12,600	11,900	9,900
70									11,200	10,600	10,000	8,000
75									9,500	9,000	8,300	6,300
80												4,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	31,300	18,700	17,300	15,900	12,700	11,800	9,900	7,800	8,600	7,900	7,100	4,700

2080010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	94,200	60,400	77,000	93,700	96,300	86,900	60,300	70,200	58,200	79,100	80,400		
25	62,000	53,600	69,100	67,400	63,800	61,100	53,900	69,000	51,900	65,800	62,900	47,400	50,100
30	44,500	48,100	51,600	49,400	46,300	43,700	48,500	50,800	46,600	48,000	45,300	43,200	50,100
35	33,400	40,900	40,200	38,100	35,100	32,700	40,800	39,500	39,700	36,800	34,200	39,300	40,100
40	25,900	32,900	32,300	30,400	27,500	25,200	32,800	31,600	31,800	29,200	26,700	32,700	32,100
45	20,200	27,200	26,600	24,700	21,900	19,700	27,200	26,000	26,100	23,500	21,100	27,100	26,500
50	15,900	22,700	22,100	20,300	17,600	15,500	22,700	21,600	21,700	19,200	16,800	22,700	22,100
55	12,500	19,200	18,500	16,700	14,200	12,100	19,200	18,100	18,200	15,700	13,600	19,200	18,600
60	9,800	16,300	15,800	14,000	11,400	9,400	16,300	15,300	15,500	13,100	10,800	16,400	15,800
65	7,500	14,000	13,400	11,700	9,100	7,100	14,100	13,000	13,100	10,700	8,600	14,100	13,600
70	5,600	12,000	11,400	9,700	7,200	5,200	12,100	11,000	11,200	8,800	6,600	12,100	11,600
75	4,000	10,300	9,700	8,000	5,600	3,600	10,400	9,300	9,500	7,100	5,000	10,400	9,900
80	2,600	8,900	8,300	6,600	4,100	2,200	8,900	7,900	8,000	5,700	3,600	9,000	8,500
85		7,600	7,000	5,400	2,900		7,700	6,600	6,800	4,500	2,400	7,700	7,200
90		6,500	5,900	4,300	1,800		6,600	5,500	5,700	3,400	1,300	6,600	6,100
95				3,300			5,600	4,600	4,700	2,400		5,600	5,100
100							4,700	3,700	3,800	1,600		4,800	4,300
105							3,900	2,900	3,100			4,000	3,500
110												3,300	2,800
115												2,600	2,200
120												2,100	1,600
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	14.5	32.0	0.0	0.0	0.0	23.0	37.5	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	94.4	84.3	108.8	109.7	109.7	103.7	91.4	124.3	124.7
Capacity	2,100	5,900	5,200	3,300	0	0	3,400	2,300	2,400	0	0	1,600	1,100

2080010



Intermediate



32,800 lbs



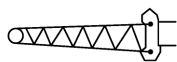
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1
Radius (ft)									
25	57,100	61,400							
30	49,300	47,000	42,400	39,700	46,000	30,000	33,600	35,400	
35	38,100	35,800	38,700	37,000	37,000	30,000	33,600	35,400	26,600
40	30,400	28,200	31,000	30,900	29,400	30,000	30,000	30,100	26,600
45	24,700	22,600	25,300	25,200	23,700	26,000	24,300	24,400	25,100
50	20,300	18,300	20,900	20,800	19,400	21,600	20,000	20,000	20,700
55	16,900	15,000	17,500	17,400	16,000	18,200	16,500	16,600	17,300
60	14,300	12,300	14,900	14,800	13,400	15,600	14,000	14,000	14,700
65	12,000	10,000	12,600	12,500	11,100	13,300	11,700	11,700	12,400
70	10,000	8,100	10,600	10,500	9,200	11,300	9,800	9,800	10,500
75	8,300	6,400	9,000	8,900	7,600	9,700	8,200	8,200	8,900
80	6,900	5,000	7,500	7,400	6,100	8,200	6,700	6,800	7,500
85	5,600	3,800	6,300	6,200	4,900	7,000	5,500	5,500	6,200
90	4,500	2,700	5,200	5,100	3,800	5,900	4,400	4,400	5,100
95	3,600	1,700	4,200	4,100	2,800	4,900	3,400	3,500	4,200
100	2,700		3,300	3,200	2,000	4,000	2,500	2,600	3,300
105	1,900		2,500	2,400	1,200	3,200	1,800	1,800	2,500
110	1,200		1,800	1,700		2,500	1,100	1,100	1,800
115			1,200	1,100		1,900			1,200
120						1,300			
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600
Min Angle	29.5	40.5	36.0	36.5	43.0	39.5	46.5	46.5	49.0
Max Rad.	111.7	99.4	116.7	115.8	106.4	123.0	110.7	110.8	116.7
Capacity	0	0	0	0	0	0	0	0	0

2080010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	62,900	51,700	66,300	54,000	65,200	54,100	63,900	54,200	61,700	54,000	67,600	55,400
30	45,400	45,400	48,400	48,400	47,500	47,500	46,300	46,300	50,400	48,700	49,500	49,500
35	34,200	34,200	37,200	37,200	36,200	36,200	35,100	35,100	39,000	39,000	38,200	38,200
40	26,600	26,600	29,500	29,500	28,600	28,600	27,600	27,600	31,200	31,200	30,500	30,500
45			23,800	23,800	22,900	22,900	21,900	21,900	25,500	25,500	24,800	24,800
50			19,500	19,500	18,600	18,600	17,700	17,700	21,200	21,200	20,500	20,500
55			16,100	16,100	15,300	15,300	14,400	14,400	17,700	17,700	17,000	17,000
60									15,000	15,000	14,300	14,300
65									12,700	12,700	12,000	12,000
70									10,800	10,800	10,100	10,100
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	22,000	22,000	14,100	14,100	13,100	13,100	11,900	11,900	9,800	9,800	9,000	9,000

2083020

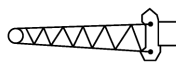
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	65,500	55,600	63,400	55,700	60,000	54,400	58,700	53,400	67,500	56,200	64,700	56,400
30	47,700	47,700	45,800	45,800	51,000	48,800	50,300	48,000	49,400	49,400	47,100	47,100
35	36,500	36,500	34,600	34,600	39,600	39,600	38,900	38,900	38,200	38,200	35,900	35,900
40	28,900	28,900	27,100	27,100	31,700	31,700	31,200	31,200	30,400	30,400	28,300	28,300
45	23,300	23,300	21,500	21,500	26,000	26,000	25,400	25,400	24,700	24,700	22,700	22,700
50	19,000	19,000	17,300	17,300	21,700	21,700	21,100	21,100	20,400	20,400	18,400	18,400
55	15,700	15,700	14,000	14,000	18,200	18,200	17,600	17,600	17,000	17,000	15,100	15,100
60	12,900	12,900	11,300	11,300	15,500	15,500	15,000	15,000	14,300	14,300	12,400	12,400
65	10,600	10,600	9,100	9,100	13,200	13,200	12,700	12,700	12,000	12,000	10,200	10,200
70	8,800	8,800	7,200	7,200	11,300	11,300	10,700	10,700	10,100	10,100	8,300	8,300
75			5,700	5,600	9,600	9,600	9,100	9,100	8,500	8,500	6,700	6,700
80					8,200	8,200	7,700	7,700	7,100	7,100	5,300	5,300
85					7,000	7,000	6,500	6,500	5,900	5,900	4,100	4,100
90											3,100	3,100
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	7,400	7,400	5,600	5,600	6,400	6,400	5,800	5,800	5,100	5,100	3,000	3,000

2083020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



32,800 lbs



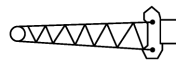
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	61,600	56,600	50,900	47,200	64,800	56,100	66,500	56,400	63,100	56,800	60,300	56,900
30	44,200	44,200	45,300	42,600	50,700	50,700	48,500	48,500	45,500	45,500	43,000	43,000
35	33,200	33,200	40,000	38,600	39,300	39,300	37,300	37,300	34,400	34,400	32,100	32,100
40	25,700	25,700	32,100	32,100	31,600	31,600	29,700	29,700	26,900	26,900	24,700	24,700
45	20,200	20,200	26,400	26,400	25,800	25,800	24,000	24,000	21,300	21,300	19,200	19,200
50	16,000	16,000	22,000	22,000	21,400	21,400	19,700	19,700	17,100	17,100	15,200	15,200
55	12,800	12,800	18,600	18,600	18,000	18,000	16,300	16,300	13,900	13,900	11,900	11,900
60	10,100	10,100	15,800	15,800	15,300	15,300	13,600	13,600	11,200	11,200	9,200	9,200
65	7,900	7,900	13,600	13,600	13,000	13,000	11,400	11,400	9,000	9,000	7,100	7,100
70	6,100	6,100	11,700	11,700	11,100	11,100	9,500	9,500	7,100	7,100	5,200	5,200
75	4,500	4,500	10,000	10,000	9,500	9,500	7,900	7,900	5,500	5,500	3,700	3,700
80	3,100	3,100	8,600	8,600	8,000	8,000	6,500	6,500	4,100	4,100	2,300	2,300
85	2,000	2,000	7,300	7,300	6,800	6,800	5,300	5,300	3,000	3,000		
90			6,300	6,300	5,700	5,700	4,200	4,200	1,900	1,900		
95			5,300	5,300	4,800	4,800	3,300	3,300				
100			4,500	4,500	4,000	4,000	2,400	2,400				
105							1,800	1,800				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	27.5	38.5	38.5
Max Rad.	89.8	89.8	103.4	103.4	103.9	103.9	105.2	105.2	95.0	95.0	84.9	84.9
Capacity	0	0	4,100	4,100	3,500	3,500	1,800	1,800	0	0	0	0

2083030

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



32,800 lbs

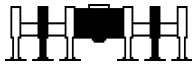


360°

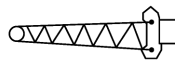
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	61,700	56,600	38,800	38,800
30	46,300	44,100	49,700	49,700	44,900	42,800	47,100	47,100	44,300	44,300	38,800	38,800
35	39,700	39,700	38,400	38,400	38,600	38,600	35,800	35,800	33,300	33,300	37,500	36,200
40	31,800	31,800	30,700	30,700	30,900	30,900	28,300	28,300	25,800	25,800	31,600	31,600
45	26,200	26,200	25,000	25,000	25,200	25,200	22,600	22,600	20,300	20,300	26,000	26,000
50	21,800	21,800	20,600	20,600	20,800	20,800	18,300	18,300	16,100	16,100	21,600	21,600
55	18,300	18,300	17,200	17,200	17,400	17,400	15,100	15,100	12,900	12,900	18,100	18,100
60	15,700	15,700	14,600	14,600	14,700	14,700	12,400	12,400	10,300	10,300	15,500	15,500
65	13,400	13,400	12,300	12,300	12,500	12,500	10,200	10,200	8,100	8,100	13,200	13,200
70	11,400	11,400	10,400	10,400	10,500	10,500	8,300	8,300	6,200	6,200	11,300	11,300
75	9,800	9,800	8,800	8,800	8,900	8,900	6,700	6,700	4,600	4,600	9,600	9,600
80	8,400	8,400	7,400	7,400	7,500	7,500	5,300	5,300	3,300	3,300	8,200	8,200
85	7,200	7,200	6,200	6,200	6,300	6,300	4,100	4,100	2,100	2,100	7,000	7,000
90	6,100	6,100	5,100	5,100	5,200	5,200	3,100	3,100			5,900	5,900
95	5,100	5,100	4,100	4,100	4,300	4,300	2,100	2,100			5,000	5,000
100	4,300	4,300	3,300	3,300	3,400	3,400	1,300	1,300			4,100	4,100
105	3,500	3,500	2,500	2,500	2,700	2,700					3,300	3,300
110	2,800	2,800	1,900	1,900	2,000	2,000					2,600	2,600
115	2,200	2,200									2,000	2,000
120											1,500	1,500
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	17.0	17.0	17.5	17.5	33.5	33.5	43.5	43.5	23.0	23.0
Max Rad.	118.9	118.9	115.0	115.0	115.0	115.0	101.9	101.9	90.0	90.0	125.0	125.0
Capacity	1,900	1,900	0	0	0	0	0	0	0	0	0	0

2083020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



32,800 lbs



Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	45,800	45,800	35,400	35,400	33,400	33,400	38,500	38,500
35	38,900	38,900	36,900	36,900	34,600	34,600	35,400	35,400	33,400	33,400	35,700	35,700
40	31,100	31,100	29,300	29,300	27,100	27,100	29,800	29,800	29,700	29,700	28,200	28,200
45	25,400	25,400	23,600	23,600	21,600	21,600	24,100	24,100	24,000	24,000	22,600	22,600
50	21,000	21,000	19,300	19,300	17,300	17,300	19,800	19,800	19,700	19,700	18,300	18,300
55	17,600	17,600	15,900	15,900	14,100	14,100	16,400	16,400	16,200	16,200	15,100	15,100
60	15,000	15,000	13,300	13,300	11,400	11,400	13,800	13,800	13,700	13,700	12,400	12,400
65	12,700	12,700	11,100	11,100	9,200	9,200	11,500	11,500	11,400	11,400	10,100	10,100
70	10,800	10,800	9,200	9,200	7,300	7,300	9,600	9,600	9,500	9,500	8,300	8,300
75	9,100	9,100	7,600	7,600	5,800	5,800	8,000	8,000	7,900	7,900	6,700	6,700
80	7,700	7,700	6,200	6,200	4,400	4,400	6,600	6,600	6,500	6,500	5,300	5,300
85	6,500	6,500	5,000	5,000	3,200	3,200	5,400	5,400	5,300	5,300	4,100	4,100
90	5,400	5,400	3,900	3,900	2,200	2,200	4,300	4,300	4,200	4,200	3,000	3,000
95	4,500	4,500	3,000	3,000	1,200	1,200	3,400	3,400	3,300	3,300	2,100	2,100
100	3,600	3,600	2,100	2,100			2,600	2,600	2,500	2,500	1,300	1,300
105	2,900	2,900	1,400	1,400			1,800	1,800	1,700	1,700		
110	2,200	2,200					1,100	1,100				
115	1,600	1,600										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	28.0	28.0	38.5	38.5	46.0	46.0	43.5	43.5	44.5	44.5	48.5	48.5
Max Rad.	120.0	120.0	107.9	107.9	96.3	96.3	110.8	110.8	110.0	110.0	101.9	101.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2083020

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft	
Ext Mode	EM1		EM2		EM3		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
30	25,600	25,600	28,800	28,800	29,400	29,400		
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
40	25,600	25,600	28,700	28,700	28,700	28,700	22,900	22,900
45	24,700	24,700	23,000	23,000	23,100	23,100	22,900	22,900
50	20,400	20,400	18,700	18,700	18,800	18,800	19,400	19,400
55	16,900	16,900	15,600	15,600	15,600	15,600	16,000	16,000
60	14,400	14,400	12,800	12,800	12,900	12,900	13,500	13,500
65	12,100	12,100	10,600	10,600	10,600	10,600	11,200	11,200
70	10,200	10,200	8,700	8,700	8,700	8,700	9,300	9,300
75	8,500	8,500	7,100	7,100	7,100	7,100	7,700	7,700
80	7,100	7,100	5,700	5,700	5,700	5,700	6,300	6,300
85	5,900	5,900	4,500	4,500	4,500	4,500	5,100	5,100
90	4,900	4,900	3,400	3,400	3,500	3,500	4,000	4,000
95	3,900	3,900	2,500	2,500	2,500	2,500	3,100	3,100
100	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300
105	2,300	2,300					1,500	1,500
110	1,700	1,700						
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
Min Angle	47.0	47.0	52.0	52.0	52.0	52.0	54.0	54.0
Max Rad.	115.0	115.0	104.4	104.4	105.0	105.0	109.2	109.2
Capacity	0	0	0	0	0	0	0	0

2083020

Rated Lifting
Capacities in
Pounds



Intermediate



37,200 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	208,000	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	183,500	147,500	185,800	184,900	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	155,100	135,200	157,800	156,900	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	97,600	104,600	103,200	101,500	78,500	107,100	104,600	101,800	72,900	70,300	102,200	104,200
25	63,300	69,800	68,600	67,200	69,500	72,100	70,000	67,500	64,500	62,300	72,500	69,600
30	44,600	50,600	49,500	48,200	53,900	53,000	51,100	48,900	55,000	54,300	53,400	50,800
35		38,500	37,500	36,300	41,700	40,900	39,100	37,100	42,900	42,200	41,400	39,000
40		30,200	29,200	28,100	33,200	32,400	30,800	28,900	34,500	33,900	33,100	30,900
45		24,100	23,200	22,100	27,100	26,300	24,700	22,800	28,400	27,700	27,000	24,800
50					22,400	21,700	20,100	18,200	23,600	23,000	22,300	20,200
55					18,700	18,000	16,400	14,700	19,900	19,300	18,600	16,500
60					15,800	15,000	13,500	11,700	16,900	16,300	15,700	13,600
65								9,300	14,500	13,900	13,200	11,200
70									12,400	11,800	11,100	9,200
75									10,600	10,100	9,400	7,400
80												5,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	34,100	20,500	19,100	17,700	14,100	13,100	11,200	9,000	9,600	8,900	8,100	5,800

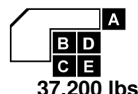
2090010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	100,200	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	66,300	53,600	69,100	71,800	68,200	65,400	53,900	70,200	51,900	70,200	67,100	47,400	50,100
30	47,800	48,100	55,000	52,800	49,500	47,100	48,500	54,200	46,600	51,300	48,500	43,200	50,100
35	36,200	43,600	42,900	40,900	37,800	35,400	43,500	42,200	42,300	39,500	36,900	39,300	42,800
40	28,200	35,200	34,600	32,600	29,800	27,500	35,100	33,900	34,100	31,500	29,000	35,000	34,400
45	22,200	29,200	28,600	26,700	23,900	21,700	29,200	28,000	28,100	25,500	23,100	29,100	28,500
50	17,600	24,500	23,900	22,000	19,300	17,200	24,500	23,300	23,500	20,900	18,600	24,400	23,900
55	14,100	20,700	20,100	18,300	15,800	13,700	20,800	19,700	19,800	17,300	15,200	20,700	20,200
60	11,200	17,700	17,100	15,400	12,800	10,800	17,800	16,600	16,800	14,500	12,300	17,800	17,300
65	8,800	15,300	14,700	13,000	10,400	8,400	15,400	14,300	14,400	12,000	9,800	15,400	14,900
70	6,800	13,200	12,600	10,900	8,400	6,400	13,300	12,200	12,400	10,000	7,800	13,300	12,800
75	5,100	11,400	10,900	9,200	6,700	4,700	11,500	10,400	10,600	8,200	6,100	11,500	11,000
80	3,600	9,900	9,300	7,600	5,200	3,200	10,000	8,900	9,100	6,700	4,600	10,000	9,500
85		8,600	8,000	6,300	3,900	1,900	8,600	7,600	7,700	5,400	3,300	8,700	8,200
90		7,400	6,800	5,200	2,700		7,500	6,400	6,600	4,300	2,200	7,500	7,000
95				4,200	1,700		6,400	5,400	5,500	3,300	1,200	6,500	6,000
100							5,500	4,500	4,600	2,400		5,600	5,100
105							4,700	3,700	3,800	1,600		4,700	4,200
110												4,000	3,500
115												3,300	2,800
120												2,700	2,200
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	14.0	33.5	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	88.9	108.8	109.7	109.7	108.7	96.1	124.3	124.7
Capacity	3,100	6,700	6,100	4,200	1,400	0	4,200	3,000	3,200	0	0	2,300	1,800

2090010



Intermediate



37,200 lbs



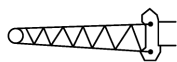
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1
Radius (ft)									
25	57,100	61,400							
30	52,700	50,200	42,400	39,700	46,000	30,000	33,600	35,400	
35	40,800	38,500	41,500	37,000	39,800	30,000	33,600	35,400	26,600
40	32,600	30,500	33,200	33,000	31,500	30,000	32,100	32,200	26,600
45	26,700	24,600	27,300	27,200	25,700	28,000	26,300	26,400	26,600
50	22,100	20,000	22,700	22,600	21,200	23,400	21,700	21,800	22,500
55	18,500	16,500	19,000	18,900	17,600	19,700	18,100	18,200	18,900
60	15,700	13,700	16,100	16,000	14,800	16,800	15,400	15,400	15,900
65	13,300	11,300	13,900	13,800	12,400	14,500	13,000	13,000	13,700
70	11,200	9,300	11,800	11,700	10,400	12,500	11,000	11,000	11,700
75	9,400	7,500	10,100	10,000	8,700	10,800	9,300	9,300	10,000
80	7,900	6,000	8,500	8,400	7,200	9,300	7,800	7,800	8,500
85	6,600	4,700	7,200	7,100	5,900	7,900	6,400	6,500	7,200
90	5,400	3,600	6,100	6,000	4,700	6,800	5,300	5,300	6,000
95	4,400	2,600	5,000	4,900	3,700	5,700	4,300	4,300	5,000
100	3,500	1,700	4,100	4,000	2,800	4,800	3,300	3,400	4,100
105	2,700		3,300	3,200	2,000	4,000	2,500	2,600	3,300
110	2,000		2,600	2,500	1,200	3,200	1,800	1,800	2,500
115	1,300		1,900	1,800		2,600	1,100	1,200	1,900
120			1,300	1,200		2,000			1,300
125						1,400			
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600
Min Angle	23.0	36.5	31.5	32.5	40.0	36.0	44.0	43.5	46.0
Max Rad.	117.5	104.4	122.5	121.7	111.7	129.0	115.8	116.7	122.5
Capacity	0	0	0	0	0	0	0	0	0

2090010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



37,200 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	67,200	51,700	70,700	54,000	69,500	54,100	68,200	54,200	61,700	54,000	71,900	55,400
30	48,700	48,700	51,800	51,800	50,800	50,800	49,600	49,600	53,700	48,700	52,900	52,900
35	37,000	37,000	39,900	39,900	39,000	39,000	37,900	37,900	41,700	41,700	41,000	41,000
40	28,900	28,900	31,700	31,700	30,900	30,900	29,900	29,900	33,500	33,500	32,700	32,700
45			25,800	25,800	24,900	24,900	23,900	23,900	27,500	27,500	26,800	26,800
50			21,200	21,200	20,400	20,400	19,400	19,400	22,900	22,900	22,200	22,200
55			17,700	17,700	16,800	16,800	15,900	15,900	19,300	19,300	18,600	18,600
60									16,300	16,300	15,700	15,700
65									14,000	14,000	13,300	13,300
70									12,000	12,000	11,300	11,300
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	24,100	24,100	15,600	15,600	14,500	14,500	13,400	13,400	10,900	10,900	10,100	10,100

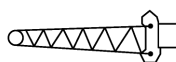
2093010

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	69,900	55,600	67,600	55,700	60,000	54,400	58,700	53,400	71,800	56,200	69,100	56,400
30	51,100	51,100	49,000	49,000	53,300	48,800	52,100	48,000	52,800	52,800	50,300	50,300
35	39,300	39,300	37,400	37,400	42,300	42,300	41,700	41,700	40,900	40,900	38,600	38,600
40	31,200	31,200	29,400	29,400	34,000	34,000	33,400	33,400	32,600	32,600	30,600	30,600
45	25,300	25,300	23,500	23,500	28,000	28,000	27,400	27,400	26,700	26,700	24,700	24,700
50	20,700	20,700	19,100	19,100	23,400	23,400	22,800	22,800	22,200	22,200	20,100	20,100
55	17,200	17,200	15,600	15,600	19,800	19,800	19,200	19,200	18,600	18,600	16,600	16,600
60	14,300	14,300	12,700	12,700	16,900	16,900	16,300	16,300	15,700	15,700	13,800	13,800
65	11,900	11,900	10,400	10,400	14,500	14,500	14,000	14,000	13,300	13,300	11,500	11,500
70	10,000	10,000	8,400	8,400	12,500	12,500	11,900	11,900	11,300	11,300	9,500	9,500
75			6,800	6,800	10,700	10,700	10,200	10,200	9,600	9,600	7,800	7,800
80					9,300	9,300	8,700	8,700	8,100	8,100	6,300	6,300
85					8,000	8,000	7,500	7,500	6,800	6,800	5,100	5,100
90											4,000	4,000
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	8,500	8,500	6,700	6,700	7,300	7,300	6,700	6,700	6,000	6,000	3,900	3,900

2093020



Intermediate



10 ft Hydraulic Offset Fly



37,200 lbs



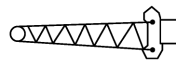
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	65,800	56,600	50,900	47,200	64,800	56,100	70,800	56,400	67,300	56,800	64,500	56,900
30	47,500	47,500	45,300	42,600	54,100	52,000	51,900	51,900	48,700	48,700	46,400	46,400
35	35,900	35,900	40,900	38,600	42,100	42,100	40,100	40,100	37,100	37,100	34,800	34,800
40	28,000	28,000	34,400	34,400	33,700	33,700	31,800	31,800	29,200	29,200	27,000	27,000
45	22,200	22,200	28,400	28,400	27,800	27,800	26,000	26,000	23,300	23,300	21,200	21,200
50	17,800	17,800	23,800	23,800	23,200	23,200	21,400	21,400	18,800	18,800	16,800	16,800
55	14,400	14,400	20,100	20,100	19,600	19,600	17,800	17,800	15,500	15,500	13,500	13,500
60	11,600	11,600	17,200	17,200	16,600	16,600	15,100	15,100	12,600	12,600	10,700	10,700
65	9,200	9,200	14,900	14,900	14,300	14,300	12,700	12,700	10,300	10,300	8,400	8,400
70	7,300	7,300	12,900	12,900	12,300	12,300	10,700	10,700	8,300	8,300	6,400	6,400
75	5,600	5,600	11,100	11,100	10,600	10,600	9,000	9,000	6,600	6,600	4,800	4,800
80	4,200	4,200	9,600	9,600	9,100	9,100	7,500	7,500	5,200	5,200	3,300	3,300
85	2,900	2,900	8,300	8,300	7,800	7,800	6,200	6,200	3,900	3,900	2,100	2,100
90	1,900	1,900	7,200	7,200	6,600	6,600	5,100	5,100	2,800	2,800		
95			6,200	6,200	5,700	5,700	4,100	4,100	1,800	1,800		
100			5,300	5,300	4,800	4,800	3,200	3,200				
105							2,500	2,500				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	21.5	34.0	34.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	100.0	100.0	90.0	90.0
Capacity	1,500	1,500	4,800	4,800	4,200	4,200	2,500	2,500	0	0	0	0

2093010

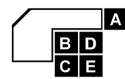
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



37,200 lbs



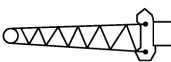
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	65,900	56,600	38,800	38,800
30	46,300	44,100	53,100	53,100	44,900	42,800	50,300	50,300	47,500	47,500	38,800	38,800
35	41,900	40,000	41,200	41,200	40,400	38,800	38,600	38,600	36,000	36,000	37,500	36,200
40	34,100	34,100	32,900	32,900	33,100	33,100	30,600	30,600	28,200	28,200	33,900	33,000
45	28,200	28,200	27,000	27,000	27,200	27,200	24,600	24,600	22,300	22,300	27,900	27,900
50	23,500	23,500	22,400	22,400	22,600	22,600	20,100	20,100	17,900	17,900	23,300	23,300
55	19,900	19,900	18,800	18,800	18,900	18,900	16,500	16,500	14,500	14,500	19,700	19,700
60	16,900	16,900	15,900	15,900	16,000	16,000	13,800	13,800	11,700	11,700	16,700	16,700
65	14,700	14,700	13,600	13,600	13,800	13,800	11,500	11,500	9,400	9,400	14,500	14,500
70	12,600	12,600	11,600	11,600	11,700	11,700	9,500	9,500	7,400	7,400	12,400	12,400
75	10,900	10,900	9,900	9,900	10,000	10,000	7,800	7,800	5,700	5,700	10,700	10,700
80	9,400	9,400	8,400	8,400	8,500	8,500	6,300	6,300	4,300	4,300	9,200	9,200
85	8,100	8,100	7,100	7,100	7,300	7,300	5,100	5,100	3,100	3,100	7,900	7,900
90	7,000	7,000	6,000	6,000	6,100	6,100	4,000	4,000	2,000	2,000	6,800	6,800
95	6,000	6,000	5,000	5,000	5,100	5,100	3,000	3,000			5,800	5,800
100	5,100	5,100	4,100	4,100	4,200	4,200	2,100	2,100			4,900	4,900
105	4,300	4,300	3,300	3,300	3,400	3,400	1,300	1,300			4,100	4,100
110	3,600	3,600	2,600	2,600	2,700	2,700					3,400	3,400
115	2,900	2,900	2,000	2,000	2,100	2,100					2,700	2,700
120											2,100	2,100
125											1,600	1,600
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	28.5	28.5	40.0	40.0	16.0	16.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	107.1	107.1	95.0	95.0	130.0	130.0
Capacity	2,500	2,500	1,500	1,500	1,600	1,600	0	0	0	0	0	0

2093010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



37,200 lbs



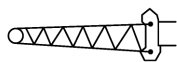
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	49,000	49,000	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	39,600	39,600	37,400	37,400	35,400	35,400	33,400	33,400	38,500	38,500
40	33,300	33,300	31,400	31,400	29,500	29,500	31,900	31,900	31,800	31,600	30,500	30,500
45	27,400	27,400	25,600	25,600	23,600	23,600	26,100	26,100	26,000	26,000	24,600	24,600
50	22,800	22,800	21,100	21,100	19,100	19,100	21,500	21,500	21,400	21,400	20,000	20,000
55	19,200	19,200	17,500	17,500	15,700	15,700	17,900	17,900	17,800	17,800	16,500	16,500
60	16,200	16,200	14,800	14,800	12,900	12,900	15,200	15,200	15,100	15,100	13,800	13,800
65	14,000	14,000	12,400	12,400	10,500	10,500	12,800	12,800	12,700	12,700	11,400	11,400
70	12,000	12,000	10,400	10,400	8,500	8,500	10,800	10,800	10,700	10,700	9,400	9,400
75	10,200	10,200	8,700	8,700	6,900	6,900	9,100	9,100	9,000	9,000	7,800	7,800
80	8,800	8,800	7,200	7,200	5,400	5,400	7,600	7,600	7,500	7,500	6,300	6,300
85	7,500	7,500	5,900	5,900	4,200	4,200	6,400	6,400	6,300	6,300	5,000	5,000
90	6,300	6,300	4,800	4,800	3,100	3,100	5,200	5,200	5,100	5,100	3,900	3,900
95	5,300	5,300	3,800	3,800	2,100	2,100	4,200	4,200	4,200	4,200	3,000	3,000
100	4,400	4,400	3,000	3,000	1,200	1,200	3,400	3,400	3,300	3,300	2,100	2,100
105	3,600	3,600	2,200	2,200			2,600	2,600	2,500	2,500	1,300	1,300
110	2,900	2,900	1,400	1,400			1,900	1,900	1,800	1,800		
115	2,300	2,300					1,200	1,200	1,100	1,100		
120	1,700	1,700										
125	1,100	1,100										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	21.5	21.5	34.5	34.5	43.0	43.0	40.5	40.5	41.0	41.0	46.0	46.0
Max Rad.	126.3	126.3	113.3	113.3	101.3	101.3	116.7	116.7	115.8	115.8	107.1	107.1
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2093020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



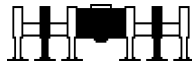
37,200 lbs



Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft	
Ext Mode	EM1		EM2		EM3		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)								
30	25,600	25,600	28,800	28,800	29,400	29,400		
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
45	25,600	25,600	25,000	25,000	25,100	25,100	22,900	22,900
50	22,100	22,100	20,500	20,500	20,500	20,500	21,200	21,200
55	18,500	18,500	16,900	16,900	17,000	17,000	17,600	17,600
60	15,600	15,600	14,200	14,200	14,300	14,300	14,900	14,900
65	13,400	13,400	11,900	11,900	11,900	11,900	12,500	12,500
70	11,400	11,400	9,900	9,900	9,900	9,900	10,500	10,500
75	9,600	9,600	8,200	8,200	8,200	8,200	8,800	8,800
80	8,200	8,200	6,700	6,700	6,800	6,800	7,300	7,300
85	6,900	6,900	5,400	5,400	5,500	5,500	6,100	6,100
90	5,800	5,800	4,300	4,300	4,400	4,400	5,000	5,000
95	4,800	4,800	3,400	3,400	3,400	3,400	4,000	4,000
100	3,900	3,900	2,500	2,500	2,500	2,500	3,100	3,100
105	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300
110	2,400	2,400					1,600	1,600
115	1,700	1,700						
120	1,100	1,100						
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900
Min Angle	44.5	44.5	49.5	49.5	50.0	50.0	52.5	52.5
Max Rad.	121.0	121.0	110.0	110.0	110.0	110.0	114.3	114.3
Capacity	0	0	0	0	0	0	0	0

2093020

Rated Lifting
Capacities in
Pounds



Intermediate



41,600 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	209,600	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	184,900	147,500	187,100	186,200	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	156,300	135,200	159,000	158,100	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	103,500	110,500	109,100	107,400	78,500	110,900	110,500	107,700	72,900	70,300	102,200	104,500
25	67,500	74,000	72,800	71,400	69,500	76,300	74,100	71,700	64,500	62,300	76,700	73,800
30	47,800	53,800	52,700	51,400	57,200	56,300	54,300	52,100	57,700	55,800	56,600	54,100
35		41,100	40,100	38,900	44,300	43,500	41,700	39,700	45,600	44,900	44,100	41,700
40		32,400	31,500	30,300	35,400	34,600	32,900	31,100	36,700	36,100	35,300	33,000
45		26,000	25,100	24,000	29,000	28,300	26,600	24,800	30,300	29,700	28,900	26,700
50					24,100	23,300	21,800	19,900	25,300	24,700	24,000	21,900
55					20,200	19,500	17,900	16,100	21,400	20,800	20,100	18,000
60					17,100	16,400	14,900	13,100	18,300	17,700	17,000	15,000
65								10,600	15,700	15,100	14,500	12,400
70									13,600	13,000	12,300	10,300
75									11,700	11,100	10,400	8,500
80												6,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	36,800	22,200	20,900	19,400	15,400	14,400	12,400	10,300	10,600	9,900	9,100	6,700

2100010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	106,200	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	70,500	53,600	69,100	76,000	72,400	69,500	53,900	70,200	51,900	74,400	70,800	47,400	50,100
30	51,000	48,100	58,200	56,000	52,700	50,200	48,500	57,400	46,600	54,600	51,800	43,200	50,100
35	38,800	43,600	45,600	43,500	40,400	38,000	44,000	44,900	42,300	42,200	39,500	39,300	45,400
40	30,400	37,500	36,800	34,800	31,900	29,700	37,400	36,100	36,300	33,500	31,200	35,900	36,700
45	24,100	31,200	30,500	28,600	25,800	23,600	31,100	29,900	30,000	27,400	25,000	31,000	30,400
50	19,300	26,200	25,500	23,700	21,000	18,900	26,200	25,000	25,200	22,600	20,300	26,100	25,500
55	15,600	22,200	21,600	19,800	17,200	15,200	22,300	21,200	21,300	18,800	16,600	22,300	21,700
60	12,600	19,100	18,500	16,700	14,200	12,200	19,100	18,000	18,200	15,700	13,600	19,100	18,600
65	10,000	16,400	15,900	14,200	11,700	9,700	16,500	15,500	15,700	13,300	11,100	16,500	16,000
70	7,900	14,400	13,800	12,100	9,500	7,500	14,400	13,300	13,500	11,100	9,000	14,500	14,000
75	6,100	12,500	11,900	10,200	7,700	5,800	12,600	11,500	11,600	9,300	7,200	12,600	12,100
80	4,600	10,900	10,300	8,600	6,200	4,200	11,000	9,900	10,000	7,700	5,600	11,000	10,500
85		9,500	8,900	7,200	4,800	2,900	9,600	8,500	8,700	6,300	4,200	9,600	9,100
90		8,300	7,700	6,000	3,600	1,700	8,300	7,300	7,400	5,100	3,100	8,400	7,900
95				5,000	2,600		7,300	6,200	6,400	4,100	2,000	7,300	6,800
100							6,300	5,300	5,400	3,100	1,100	6,300	5,800
105							5,400	4,400	4,500	2,300		5,500	5,000
110										1,500		4,700	4,200
115												4,000	3,500
120												3,400	2,900
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	93.2	108.8	109.7	109.7	111.5	100.6	124.3	124.7
Capacity	4,000	7,600	6,900	5,000	2,200	0	4,900	3,700	3,800	1,300	0	2,900	2,400

2100010



Intermediate

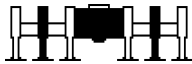


41,600 lbs

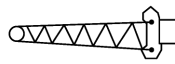


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2
Radius (ft)										
25	57,100	61,400								
30	55,900	53,400	42,400	39,700	46,000	30,000	33,600	35,400		
35	43,500	41,100	42,400	37,000	42,400	30,000	33,600	35,400	26,600	27,900
40	34,800	32,600	35,400	33,600	33,800	30,000	33,600	34,400	26,600	27,900
45	28,600	26,500	29,200	29,100	27,600	29,700	28,200	28,300	26,600	27,400
50	23,800	21,700	24,400	24,300	22,900	25,100	23,400	23,500	24,200	22,600
55	20,000	18,000	20,600	20,400	19,100	21,200	19,600	19,700	20,400	18,800
60	16,900	15,100	17,500	17,400	16,000	18,200	16,600	16,600	17,300	15,800
65	14,500	12,600	15,100	15,000	13,700	15,600	14,200	14,300	15,000	13,500
70	12,300	10,400	13,000	12,900	11,600	13,700	12,100	12,200	12,900	11,400
75	10,500	8,600	11,100	11,000	9,700	11,800	10,300	10,400	11,100	9,600
80	8,900	7,000	9,500	9,400	8,200	10,200	8,700	8,800	9,500	8,000
85	7,500	5,700	8,100	8,000	6,800	8,900	7,400	7,400	8,100	6,700
90	6,300	4,500	6,900	6,800	5,600	7,600	6,100	6,200	6,900	5,500
95	5,200	3,400	5,800	5,700	4,500	6,500	5,100	5,100	5,800	4,400
100	4,300	2,500	4,900	4,800	3,600	5,600	4,100	4,200	4,900	3,500
105	3,400	1,600	4,000	3,900	2,700	4,700	3,300	3,300	4,000	2,600
110	2,700		3,300	3,200	1,900	3,900	2,500	2,500	3,200	1,800
115	2,000		2,600	2,500	1,200	3,200	1,800	1,800	2,500	1,100
120	1,300		1,900	1,800		2,600	1,200	1,200	1,900	
125			1,300	1,200		2,000			1,300	
130						1,500				
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900
Min Angle	14.5	33.0	27.0	28.0	36.5	32.0	40.5	41.0	43.5	50.0
Max Rad.	123.0	108.7	128.0	127.0	116.7	135.0	121.7	121.7	128.0	115.8
Capacity	0	0	0	0	0	0	0	0	0	0

2100010



Intermediate



10 ft Hydraulic Offset Fly



41,600 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	71,400	51,700	74,900	54,000	73,700	54,100	72,400	54,200	61,700	54,000	75,000	55,400
30	51,900	50,300	55,000	52,200	54,000	52,300	52,800	52,400	54,900	48,700	56,100	53,800
35	39,600	39,600	42,600	42,600	41,600	41,600	40,500	40,500	44,400	44,400	43,600	43,600
40	31,200	31,200	34,000	34,000	33,100	33,100	32,000	32,000	35,700	35,700	34,900	34,900
45			27,700	27,700	26,900	26,900	25,900	25,900	29,400	29,400	28,700	28,700
50			22,900	22,900	22,100	22,100	21,100	21,100	24,600	24,600	23,900	23,900
55			19,200	19,200	18,400	18,400	17,400	17,400	20,800	20,800	20,100	20,100
60									17,700	17,700	17,000	17,000
65									15,200	15,200	14,600	14,600
70									13,100	13,100	12,500	12,500
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	26,000	26,000	17,000	17,000	15,900	15,900	14,700	14,700	12,000	12,000	11,200	11,200

2103120

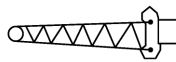
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	74,100	55,600	71,800	55,700	60,000	54,400	58,700	53,400	75,000	56,200	73,300	56,400
30	54,300	54,000	52,300	52,300	53,300	48,800	52,100	48,000	56,000	54,900	53,600	53,600
35	41,900	41,900	40,000	40,000	45,000	44,600	44,300	43,700	43,500	43,500	41,200	41,200
40	33,300	33,300	31,600	31,600	36,200	36,200	35,600	35,600	34,900	34,900	32,700	32,700
45	27,200	27,200	25,400	25,400	30,000	30,000	29,400	29,400	28,600	28,600	26,600	26,600
50	22,400	22,400	20,700	20,700	25,100	25,100	24,500	24,500	23,800	23,800	21,800	21,800
55	18,700	18,700	17,000	17,000	21,300	21,300	20,700	20,700	20,100	20,100	18,100	18,100
60	15,700	15,700	14,100	14,100	18,200	18,200	17,700	17,700	17,000	17,000	15,200	15,200
65	13,200	13,200	11,600	11,600	15,800	15,800	15,200	15,200	14,600	14,600	12,700	12,700
70	11,100	11,100	9,600	9,600	13,600	13,600	13,100	13,100	12,400	12,400	10,600	10,600
75			7,800	7,800	11,800	11,800	11,300	11,300	10,600	10,600	8,800	8,800
80					10,200	10,200	9,700	9,700	9,100	9,100	7,300	7,300
85					8,900	8,900	8,400	8,400	7,800	7,800	6,000	6,000
90											4,900	4,900
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	9,500	9,500	7,700	7,700	8,200	8,200	7,600	7,600	6,800	6,800	4,800	4,800

2103120

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



41,600 lbs



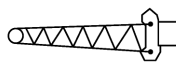
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	70,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	71,500	56,800	68,700	56,900
30	50,600	50,600	45,300	42,600	57,300	52,000	55,100	55,100	52,000	52,000	49,500	49,500
35	38,500	38,500	40,900	38,600	44,700	44,700	42,700	42,700	39,800	39,800	37,400	37,400
40	30,200	30,200	36,600	35,200	36,000	36,000	34,100	34,100	31,400	31,400	29,200	29,200
45	24,100	24,100	30,300	30,300	29,700	29,700	27,900	27,900	25,200	25,200	23,100	23,100
50	19,400	19,400	25,500	25,500	24,900	24,900	23,100	23,100	20,500	20,500	18,500	18,500
55	15,800	15,800	21,600	21,600	21,100	21,100	19,300	19,300	16,800	16,800	15,000	15,000
60	12,900	12,900	18,600	18,600	18,000	18,000	16,300	16,300	14,000	14,000	12,000	12,000
65	10,500	10,500	16,000	16,000	15,600	15,600	13,900	13,900	11,500	11,500	9,600	9,600
70	8,400	8,400	14,000	14,000	13,400	13,400	11,800	11,800	9,400	9,400	7,600	7,600
75	6,600	6,600	12,200	12,200	11,600	11,600	10,000	10,000	7,700	7,700	5,800	5,800
80	5,100	5,100	10,600	10,600	10,100	10,100	8,500	8,500	6,200	6,200	4,300	4,300
85	3,800	3,800	9,200	9,200	8,700	8,700	7,100	7,100	4,800	4,800	3,000	3,000
90	2,700	2,700	8,000	8,000	7,500	7,500	6,000	6,000	3,700	3,700	1,900	1,900
95			7,000	7,000	6,500	6,500	4,900	4,900	2,700	2,700		
100			6,100	6,100	5,600	5,600	4,000	4,000	1,800	1,800		
105							3,200	3,200				
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	29.5	29.5
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	105.0	105.0	94.5	94.5
Capacity	2,400	2,400	5,600	5,600	5,000	5,000	3,200	3,200	0	0	0	0

2103120

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



41,600 lbs



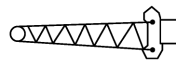
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	53,500	53,500	50,700	50,700	38,800	38,800
35	41,900	40,000	43,800	43,800	40,400	38,800	41,200	41,200	38,600	38,600	37,500	36,200
40	36,300	36,300	35,100	35,100	35,300	35,300	32,600	32,600	30,400	30,400	34,100	33,000
45	30,100	30,100	28,900	28,900	29,100	29,100	26,500	26,500	24,200	24,200	29,900	29,900
50	25,200	25,200	24,100	24,100	24,200	24,200	21,800	21,800	19,500	19,500	25,000	25,000
55	21,400	21,400	20,300	20,300	20,400	20,400	18,100	18,100	15,900	15,900	21,200	21,200
60	18,300	18,300	17,200	17,200	17,400	17,400	15,200	15,200	13,000	13,000	18,100	18,100
65	15,800	15,800	14,900	14,900	15,000	15,000	12,700	12,700	10,600	10,600	15,700	15,700
70	13,800	13,800	12,700	12,700	12,900	12,900	10,600	10,600	8,600	8,600	13,600	13,600
75	12,000	12,000	10,900	10,900	11,100	11,100	8,800	8,800	6,800	6,800	11,800	11,800
80	10,400	10,400	9,400	9,400	9,500	9,500	7,300	7,300	5,300	5,300	10,200	10,200
85	9,000	9,000	8,000	8,000	8,200	8,200	6,000	6,000	4,000	4,000	8,900	8,900
90	7,800	7,800	6,800	6,800	7,000	7,000	4,800	4,800	2,800	2,800	7,700	7,700
95	6,800	6,800	5,800	5,800	5,900	5,900	3,800	3,800	1,800	1,800	6,600	6,600
100	5,800	5,800	4,900	4,900	5,000	5,000	2,900	2,900	1,100	1,100	5,700	5,700
105	5,000	5,000	4,000	4,000	4,200	4,200	2,000	2,000			4,800	4,800
110	4,200	4,200	3,300	3,300	3,400	3,400	1,300	1,300			4,100	4,100
115	3,600	3,600	2,600	2,600	2,800	2,800					3,400	3,400
120											2,800	2,800
125											2,200	2,200
130											1,700	1,700
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	23.0	23.0	37.0	37.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	112.1	112.1	99.4	100.6	134.4	134.4
Capacity	3,200	3,200	2,100	2,100	2,200	2,200	0	0	0	0	1,400	1,400

2103120

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



41,600 lbs



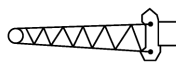
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	42,300	42,300	40,000	40,000	35,400	35,400	33,400	33,400	38,500	38,500
40	35,500	35,500	33,700	33,700	31,500	31,500	34,100	34,100	32,200	31,600	32,500	32,500
45	29,300	29,300	27,500	27,500	25,500	25,500	28,000	28,000	27,900	27,900	26,500	26,500
50	24,500	24,500	22,800	22,800	20,800	20,800	23,200	23,200	23,100	23,100	21,700	21,700
55	20,700	20,700	19,000	19,000	17,000	17,000	19,400	19,400	19,300	19,300	18,000	18,000
60	17,600	17,600	16,000	16,000	14,200	14,200	16,400	16,400	16,300	16,300	15,200	15,200
65	15,200	15,200	13,600	13,600	11,700	11,700	14,100	14,100	14,000	14,000	12,700	12,700
70	13,100	13,100	11,500	11,500	9,700	9,700	11,900	11,900	11,800	11,800	10,600	10,600
75	11,300	11,300	9,700	9,700	7,900	7,900	10,200	10,200	10,100	10,100	8,800	8,800
80	9,700	9,700	8,200	8,200	6,400	6,400	8,600	8,600	8,500	8,500	7,300	7,300
85	8,400	8,400	6,900	6,900	5,100	5,100	7,300	7,300	7,200	7,200	6,000	6,000
90	7,200	7,200	5,700	5,700	3,900	3,900	6,100	6,100	6,000	6,000	4,800	4,800
95	6,200	6,200	4,700	4,700	2,900	2,900	5,100	5,100	5,000	5,000	3,800	3,800
100	5,200	5,200	3,700	3,700	2,000	2,000	4,100	4,100	4,000	4,000	2,900	2,900
105	4,400	4,400	2,900	2,900	1,200	1,200	3,300	3,300	3,200	3,200	2,000	2,000
110	3,600	3,600	2,100	2,100			2,600	2,600	2,500	2,500	1,300	1,300
115	2,900	2,900	1,500	1,500			1,900	1,900	1,800	1,800		
120	2,300	2,300					1,200	1,200	1,200	1,200		
125	1,800	1,800										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	16.5	16.5	30.0	30.0	40.0	40.0	37.5	37.5	37.5	37.5	43.5	43.5
Max Rad.	130.0	130.0	119.2	119.2	106.3	106.3	122.0	122.0	121.7	121.7	112.1	112.1
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2103110

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



41,600 lbs



Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)										
30	25,600	25,600	28,800	28,800	29,400	29,400				
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200
45	25,600	25,600	27,000	27,000	27,000	27,000	22,900	22,900	24,200	24,200
50	23,800	23,800	22,200	22,200	22,200	22,200	22,900	22,900	21,300	21,300
55	20,000	20,000	18,400	18,400	18,500	18,500	19,100	19,100	17,500	17,500
60	16,900	16,900	15,600	15,600	15,600	15,600	16,100	16,100	14,800	14,800
65	14,600	14,600	13,100	13,100	13,200	13,200	13,800	13,800	12,300	12,300
70	12,500	12,500	11,000	11,000	11,100	11,100	11,700	11,700	10,200	10,200
75	10,700	10,700	9,200	9,200	9,300	9,300	9,900	9,900	8,400	8,400
80	9,200	9,200	7,700	7,700	7,700	7,700	8,300	8,300	6,900	6,900
85	7,800	7,800	6,400	6,400	6,400	6,400	7,000	7,000	5,600	5,600
90	6,600	6,600	5,200	5,200	5,200	5,200	5,800	5,800	4,400	4,400
95	5,600	5,600	4,200	4,200	4,200	4,200	4,800	4,800	3,400	3,400
100	4,700	4,700	3,200	3,200	3,300	3,300	3,900	3,900	2,500	2,500
105	3,800	3,800	2,400	2,400	2,500	2,500	3,000	3,000	1,600	1,600
110	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300		
115	2,400	2,400					1,600	1,600		
120	1,800	1,800								
125	1,200	1,200								
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200
Min Angle	41.5	41.5	47.5	47.5	47.5	47.5	50.0	50.0	55.0	55.0
Max Rad.	127.0	127.0	115.0	115.0	115.0	115.0	120.0	120.0	109.3	109.3
Capacity	0	0	0	0	0	0	0	0	0	0

2103010

Rated Lifting
Capacities in
Pounds



Intermediate



46,000 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	210,900	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	186,300	147,500	188,600	187,700	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	157,500	135,200	160,100	159,300	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	109,700	116,600	115,200	113,500	78,500	110,900	116,600	113,800	72,900	70,300	102,200	104,500
25	71,800	78,300	77,100	75,700	69,500	80,500	78,500	76,100	64,500	62,300	80,900	78,200
30	51,200	57,200	56,100	54,800	60,500	59,600	57,700	55,500	57,700	55,800	60,000	57,400
35		43,900	42,900	41,700	47,100	46,200	44,500	42,400	48,200	47,600	46,800	44,400
40		34,700	33,700	32,600	37,800	37,000	35,300	33,300	39,000	38,400	37,600	35,300
45		28,000	27,100	26,000	31,000	30,300	28,600	26,800	32,200	31,700	30,900	28,700
50					25,900	25,100	23,500	21,700	27,100	26,500	25,700	23,600
55					21,800	21,100	19,500	17,700	23,000	22,400	21,700	19,600
60					18,500	17,800	16,200	14,500	19,700	19,100	18,400	16,300
65								11,800	17,000	16,400	15,800	13,700
70									14,700	14,200	13,500	11,500
75									12,800	12,200	11,600	9,600
80												7,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	39,700	24,000	22,700	21,200	16,700	15,700	13,700	11,600	11,700	11,000	10,100	7,800

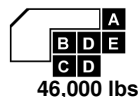
2110010

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	74,800	53,600	69,100	80,200	76,700	73,900	53,900	70,200	51,900	78,700	70,800	47,400	50,100
30	54,400	48,100	61,600	59,400	56,100	53,500	48,500	60,800	46,600	57,900	55,100	43,200	50,100
35	41,500	43,600	48,200	46,200	43,200	40,800	44,000	47,500	42,300	44,900	42,300	39,300	47,100
40	32,600	39,700	39,100	37,100	34,200	31,900	39,700	38,400	38,600	35,900	33,400	35,900	39,000
45	26,100	33,000	32,400	30,600	27,800	25,600	32,900	31,700	31,900	29,400	27,000	32,800	32,300
50	21,100	27,900	27,300	25,500	22,800	20,600	27,900	26,800	26,900	24,400	22,000	27,900	27,300
55	17,100	23,800	23,200	21,400	18,800	16,700	23,900	22,700	22,900	20,400	18,100	23,800	23,300
60	14,000	20,500	19,900	18,100	15,600	13,600	20,500	19,400	19,600	17,100	15,000	20,600	20,000
65	11,300	17,700	17,200	15,500	13,000	11,000	17,800	16,700	16,900	14,600	12,400	17,800	17,300
70	9,100	15,500	15,000	13,200	10,700	8,700	15,600	14,500	14,700	12,300	10,200	15,700	15,200
75	7,200	13,600	13,000	11,300	8,800	6,900	13,700	12,600	12,700	10,400	8,300	13,700	13,200
80	5,600	11,900	11,300	9,700	7,200	5,200	12,000	10,900	11,100	8,700	6,600	12,000	11,500
85		10,500	9,900	8,200	5,800	3,800	10,500	9,500	9,600	7,300	5,200	10,600	10,100
90		9,200	8,600	6,900	4,500	2,600	9,200	8,200	8,300	6,000	4,000	9,300	8,800
95				5,800	3,400		8,100	7,100	7,200	4,900	2,900	8,100	7,600
100							7,100	6,100	6,200	3,900	1,900	7,100	6,600
105							6,200	5,200	5,300	3,100		6,200	5,700
110										2,300		5,400	4,900
115												4,700	4,200
120												4,000	3,500
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	95.0	108.8	109.7	109.7	111.5	105.0	124.3	124.7
Capacity	5,000	8,400	7,800	5,800	3,000	0	5,600	4,400	4,600	2,100	0	3,500	3,000

2110010



Intermediate



46,000 lbs



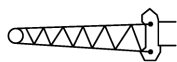
Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	56,800	42,400	39,700	46,000	30,000	33,600	35,400			
35	46,200	43,900	42,400	37,000	45,100	30,000	33,600	35,400	26,600	27,900	
40	37,100	34,900	37,700	33,600	36,100	30,000	33,600	35,400	26,600	27,900	22,500
45	30,600	28,500	31,200	30,800	29,600	29,700	30,200	30,300	26,600	27,900	22,500
50	25,500	23,500	26,100	26,000	24,600	26,800	25,200	25,200	25,900	24,300	22,500
55	21,600	19,500	22,100	22,000	20,700	22,800	21,200	21,200	22,000	20,400	21,100
60	18,300	16,400	18,900	18,800	17,500	19,600	18,000	18,000	18,700	17,200	17,900
65	15,700	13,900	16,200	16,100	15,000	16,900	15,500	15,600	16,100	14,800	15,500
70	13,500	11,600	14,200	14,100	12,800	14,900	13,300	13,400	14,100	12,600	13,300
75	11,600	9,700	12,200	12,100	10,800	12,900	11,400	11,500	12,200	10,700	11,400
80	9,900	8,000	10,600	10,500	9,200	11,300	9,800	9,800	10,500	9,100	9,800
85	8,500	6,600	9,100	9,000	7,700	9,800	8,300	8,400	9,100	7,600	8,400
90	7,200	5,400	7,800	7,700	6,500	8,500	7,000	7,100	7,800	6,400	7,100
95	6,100	4,200	6,700	6,600	5,400	7,400	5,900	6,000	6,700	5,300	6,000
100	5,100	3,300	5,700	5,600	4,400	6,400	4,900	5,000	5,700	4,300	5,000
105	4,200	2,400	4,800	4,700	3,500	5,500	4,000	4,100	4,800	3,400	4,100
110	3,400	1,600	4,000	3,900	2,700	4,700	3,200	3,300	4,000	2,600	3,300
115	2,700		3,300	3,200	1,900	3,900	2,500	2,500	3,200	1,800	2,600
120	2,000		2,600	2,500	1,300	3,300	1,800	1,900	2,600	1,200	1,900
125	1,400		2,000	1,900		2,600	1,200	1,300	1,900		1,300
130			1,400	1,300		2,100			1,400		
135						1,600					
140						1,100					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	28.0	20.5	22.0	32.5	27.5	38.0	37.5	40.5	48.0	49.5
Max Rad.	126.5	114.3	134.0	133.0	122.5	141.2	127.0	127.5	134.0	121.7	127.5
Capacity	1,300	0	0	0	0	0	0	0	0	0	0

2110010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



46,000 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	55,300	50,300	58,400	52,200	57,400	52,300	56,200	52,400	54,900	48,700	59,500	53,800
35	42,300	42,300	45,300	45,300	44,400	44,400	43,300	43,300	47,100	44,600	46,300	46,300
40	33,400	33,400	36,300	36,300	35,400	35,400	34,300	34,300	38,000	38,000	37,200	37,200
45			29,700	29,700	28,900	28,900	27,900	27,900	31,400	31,400	30,700	30,700
50			24,700	24,700	23,800	23,800	22,900	22,900	26,400	26,400	25,700	25,700
55			20,700	20,700	19,900	19,900	19,000	19,000	22,300	22,300	21,700	21,700
60									19,100	19,100	18,500	18,500
65									16,500	16,500	15,900	15,900
70									14,300	14,300	13,700	13,700
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	28,100	28,100	18,400	18,400	17,300	17,300	16,200	16,200	13,100	13,100	12,300	12,300

2113010

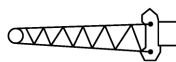
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	57,700	54,000	55,600	54,200	53,300	48,800	52,100	48,000	59,400	54,900	56,900	55,200
35	44,700	44,700	42,700	42,700	47,600	44,600	46,700	43,700	46,300	46,300	44,000	44,000
40	35,700	35,700	33,800	33,800	38,500	38,500	37,900	37,900	37,200	37,200	35,000	35,000
45	29,200	29,200	27,400	27,400	31,800	31,800	31,300	31,300	30,600	30,600	28,600	28,600
50	24,200	24,200	22,500	22,500	26,900	26,900	26,300	26,300	25,600	25,600	23,600	23,600
55	20,200	20,200	18,600	18,600	22,900	22,900	22,300	22,300	21,600	21,600	19,700	19,700
60	17,000	17,000	15,500	15,500	19,600	19,600	19,100	19,100	18,400	18,400	16,500	16,500
65	14,500	14,500	12,900	12,900	17,000	17,000	16,400	16,400	15,800	15,800	14,000	14,000
70	12,300	12,300	10,700	10,700	14,800	14,800	14,300	14,300	13,600	13,600	11,800	11,800
75			8,900	8,900	12,900	12,900	12,400	12,400	11,700	11,700	9,900	9,900
80					11,300	11,300	10,700	10,700	10,100	10,100	8,300	8,300
85					9,900	9,900	9,300	9,300	8,700	8,700	6,900	6,900
90											5,800	5,800
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	10,600	10,600	8,800	8,800	9,100	9,100	8,500	8,500	7,800	7,800	5,700	5,700

2113020

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



46,000 lbs



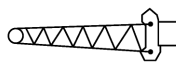
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	74,400	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	73,000	56,900
30	54,000	54,000	45,300	42,600	58,300	52,000	58,500	55,300	55,300	55,300	52,800	52,800
35	41,300	41,300	40,900	38,600	47,400	47,400	45,400	45,400	42,500	42,500	40,200	40,200
40	32,400	32,400	37,000	35,200	38,300	38,300	36,400	36,400	33,600	33,600	31,500	31,500
45	26,100	26,100	32,200	32,200	31,600	31,600	29,900	29,900	27,200	27,200	25,100	25,100
50	21,200	21,200	27,200	27,200	26,600	26,600	24,900	24,900	22,300	22,300	20,300	20,300
55	17,300	17,300	23,200	23,200	22,600	22,600	20,900	20,900	18,400	18,400	16,400	16,400
60	14,300	14,300	20,000	20,000	19,400	19,400	17,700	17,700	15,400	15,400	13,400	13,400
65	11,800	11,800	17,300	17,300	16,800	16,800	15,200	15,200	12,800	12,800	10,900	10,900
70	9,600	9,600	15,200	15,200	14,600	14,600	13,000	13,000	10,600	10,600	8,800	8,800
75	7,700	7,700	13,300	13,300	12,700	12,700	11,100	11,100	8,800	8,800	6,900	6,900
80	6,200	6,200	11,600	11,600	11,100	11,100	9,500	9,500	7,200	7,200	5,400	5,400
85	4,800	4,800	10,200	10,200	9,700	9,700	8,100	8,100	5,800	5,800	4,000	4,000
90	3,600	3,600	8,900	8,900	8,400	8,400	6,900	6,900	4,600	4,600	2,800	2,800
95			7,800	7,800	7,300	7,300	5,800	5,800	3,500	3,500	1,700	1,700
100			6,900	6,900	6,400	6,400	4,800	4,800	2,600	2,600		
105							4,000	4,000	1,700	1,700		
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	24.5
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	98.9	100.0
Capacity	3,300	3,300	6,300	6,300	5,800	5,800	4,000	4,000	1,500	1,500	0	0

2113010

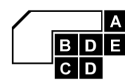
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



46,000 lbs



360°

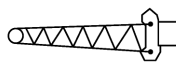
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	56,900	55,400	54,100	54,100	38,800	38,800
35	41,900	40,000	46,600	46,600	40,400	38,800	43,900	43,900	41,400	41,400	37,500	36,200
40	38,000	36,500	37,400	37,400	36,600	35,300	34,900	34,900	32,500	32,500	34,100	33,000
45	31,900	31,900	30,900	30,900	31,100	31,100	28,500	28,500	26,200	26,200	31,100	30,300
50	27,000	27,000	25,900	25,900	26,000	26,000	23,600	23,600	21,300	21,300	26,800	26,800
55	23,000	23,000	21,900	21,900	22,000	22,000	19,600	19,600	17,400	17,400	22,800	22,800
60	19,700	19,700	18,700	18,700	18,800	18,800	16,500	16,500	14,500	14,500	19,500	19,500
65	17,100	17,100	16,000	16,000	16,200	16,200	14,000	14,000	11,900	11,900	16,900	16,900
70	15,000	15,000	13,900	13,900	14,100	14,100	11,800	11,800	9,700	9,700	14,800	14,800
75	13,100	13,100	12,000	12,000	12,200	12,200	9,900	9,900	7,900	7,900	12,900	12,900
80	11,400	11,400	10,400	10,400	10,600	10,600	8,400	8,400	6,300	6,300	11,200	11,200
85	10,000	10,000	9,000	9,000	9,100	9,100	7,000	7,000	5,000	5,000	9,800	9,800
90	8,700	8,700	7,700	7,700	7,900	7,900	5,700	5,700	3,700	3,700	8,600	8,600
95	7,600	7,600	6,600	6,600	6,800	6,800	4,600	4,600	2,700	2,700	7,500	7,500
100	6,600	6,600	5,700	5,700	5,800	5,800	3,700	3,700	1,700	1,700	6,500	6,500
105	5,800	5,800	4,800	4,800	4,900	4,900	2,800	2,800			5,600	5,600
110	5,000	5,000	4,000	4,000	4,100	4,100	2,000	2,000			4,800	4,800
115	4,300	4,300	3,300	3,300	3,400	3,400	1,300	1,300			4,100	4,100
120											3,400	3,400
125											2,800	2,800
130											2,300	2,300
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	14.5	14.5	33.0	33.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	117.5	117.5	104.4	104.4	134.4	134.4
Capacity	3,800	3,800	2,800	2,800	2,900	2,900	0	0	0	0	1,900	1,900

2113010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



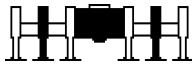
46,000 lbs



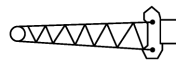
Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	45,000	45,000	42,700	42,700	35,400	35,400	33,400	33,400	38,500	38,500
40	37,800	37,800	36,000	36,000	33,800	33,800	35,400	35,400	32,200	31,600	34,900	34,900
45	31,300	31,300	29,500	29,500	27,500	27,500	30,000	30,000	29,400	29,000	28,500	28,500
50	26,200	26,200	24,500	24,500	22,500	22,500	25,000	25,000	24,900	24,900	23,500	23,500
55	22,200	22,200	20,600	20,600	18,600	18,600	21,000	21,000	20,900	20,900	19,600	19,600
60	19,000	19,000	17,400	17,400	15,600	15,600	17,800	17,800	17,700	17,700	16,400	16,400
65	16,400	16,400	14,900	14,900	13,000	13,000	15,400	15,400	15,300	15,300	14,000	14,000
70	14,300	14,300	12,700	12,700	10,900	10,900	13,100	13,100	13,000	13,000	11,800	11,800
75	12,400	12,400	10,800	10,800	9,000	9,000	11,300	11,300	11,200	11,200	9,900	9,900
80	10,800	10,800	9,200	9,200	7,400	7,400	9,600	9,600	9,500	9,500	8,300	8,300
85	9,300	9,300	7,800	7,800	6,000	6,000	8,200	8,200	8,100	8,100	6,900	6,900
90	8,100	8,100	6,600	6,600	4,800	4,800	7,000	7,000	6,900	6,900	5,700	5,700
95	7,000	7,000	5,500	5,500	3,800	3,800	5,900	5,900	5,800	5,800	4,600	4,600
100	6,000	6,000	4,500	4,500	2,800	2,800	4,900	4,900	4,800	4,800	3,700	3,700
105	5,100	5,100	3,700	3,700	1,900	1,900	4,100	4,100	4,000	4,000	2,800	2,800
110	4,300	4,300	2,900	2,900	1,200	1,200	3,300	3,300	3,200	3,200	2,000	2,000
115	3,600	3,600	2,200	2,200			2,600	2,600	2,500	2,500	1,300	1,300
120	3,000	3,000	1,500	1,500			1,900	1,900	1,800	1,800		
125	2,400	2,400					1,300	1,300	1,200	1,200		
130	1,900	1,900										
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	25.5	25.5	37.0	37.0	33.5	33.5	34.5	34.5	40.5	40.5
Max Rad.	134.8	134.8	124.2	124.2	111.3	111.3	128.0	128.0	127.0	127.0	117.5	117.5
Capacity	1,500	1,500	0	0	0	0	0	0	0	0	0	0

2113020

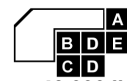
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



46,000 lbs

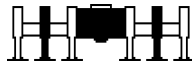


360°

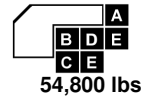
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,000	29,000	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	23,900	23,900	24,000	24,000	22,900	22,900	23,000	23,000	19,600	19,600
55	21,600	21,600	20,000	20,000	20,000	20,000	20,700	20,700	19,100	19,100	19,600	19,600
60	18,400	18,400	16,800	16,800	16,900	16,900	17,500	17,500	16,000	16,000	16,600	16,600
65	15,700	15,700	14,400	14,400	14,400	14,400	15,100	15,100	13,600	13,600	14,200	14,200
70	13,700	13,700	12,200	12,200	12,200	12,200	12,900	12,900	11,400	11,400	12,000	12,000
75	11,800	11,800	10,300	10,300	10,400	10,400	11,000	11,000	9,500	9,500	10,200	10,200
80	10,200	10,200	8,700	8,700	8,800	8,800	9,400	9,400	7,900	7,900	8,600	8,600
85	8,800	8,800	7,300	7,300	7,400	7,400	8,000	8,000	6,500	6,500	7,200	7,200
90	7,500	7,500	6,100	6,100	6,100	6,100	6,700	6,700	5,300	5,300	5,900	5,900
95	6,400	6,400	5,000	5,000	5,100	5,100	5,600	5,600	4,200	4,200	4,900	4,900
100	5,500	5,500	4,100	4,100	4,100	4,100	4,700	4,700	3,300	3,300	3,900	3,900
105	4,600	4,600	3,200	3,200	3,200	3,200	3,800	3,800	2,400	2,400	3,000	3,000
110	3,800	3,800	2,400	2,400	2,400	2,400	3,000	3,000	1,600	1,600	2,200	2,200
115	3,100	3,100	1,700	1,700	1,700	1,700	2,300	2,300			1,500	1,500
120	2,400	2,400	1,100	1,100	1,100	1,100	1,600	1,600				
125	1,800	1,800					1,100	1,100				
130	1,300	1,300										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	38.0	38.0	44.5	44.5	45.0	45.0	47.5	47.5	53.5	53.5	55.0	55.0
Max Rad.	133.0	133.0	120.8	120.8	120.8	120.8	125.8	125.8	114.3	114.3	119.2	119.2
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2113010

Rated Lifting
Capacities in
Pounds



Intermediate



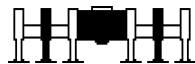
Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	213,300	157,000	191,800	188,400	105,800	151,100	162,800	172,300				
12	189,100	147,500	191,200	188,400	99,000	141,000	152,100	160,700	91,500	88,200	128,700	131,900
15	159,900	135,200	162,500	161,700	90,200	128,000	138,200	145,800	83,600	80,600	117,400	120,200
20	121,500	118,800	127,100	125,400	78,500	110,900	120,100	125,700	72,900	70,300	102,200	104,500
25	80,200	86,700	85,500	84,100	69,500	88,900	86,800	84,400	64,500	62,300	89,300	86,500
30	57,600	63,700	62,600	61,300	62,300	66,000	64,100	62,000	57,700	55,800	66,400	63,800
35		49,100	48,100	46,900	52,300	51,400	49,700	47,600	52,100	50,500	52,000	49,600
40		39,200	38,200	37,000	42,200	41,400	39,700	37,800	43,500	42,800	42,100	39,800
45		31,900	30,900	29,800	34,800	34,000	32,400	30,600	36,100	35,400	34,700	32,500
50					29,300	28,500	26,900	25,100	30,500	29,900	29,100	27,000
55					24,800	24,100	22,500	20,700	26,000	25,400	24,700	22,600
60					21,200	20,500	19,000	17,200	22,400	21,800	21,100	19,100
65								14,300	19,500	18,900	18,200	16,200
70									17,000	16,400	15,800	13,800
75									14,900	14,400	13,700	11,700
80												9,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	82,100	80,700	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	45,100	27,500	26,100	24,600	19,300	18,300	16,200	14,000	13,700	13,000	12,100	9,700

2120020

Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
12	144,700												
15	130,300	68,800	86,700	101,300									
20	111,500	60,400	77,000	93,700	101,700	86,900	60,300	70,200	58,200	79,100	80,400		
25	83,100	53,600	69,100	82,900	85,000	76,100	53,900	70,200	51,900	79,100	70,800	47,400	50,100
30	60,800	48,100	62,600	65,700	62,600	60,000	48,500	66,100	46,600	64,300	61,600	43,200	50,100
35	46,800	43,600	53,500	51,400	48,300	46,100	44,000	52,700	42,300	50,000	47,400	39,300	47,100
40	37,100	39,700	43,600	41,600	38,700	36,400	40,200	42,900	38,600	40,300	37,800	35,900	43,400
45	30,000	36,400	36,300	34,300	31,700	29,500	36,800	35,600	35,400	33,100	30,900	32,900	36,100
50	24,500	31,300	30,700	28,900	26,200	24,000	31,300	30,200	30,300	27,800	25,400	30,400	30,700
55	20,100	26,800	26,200	24,400	21,800	19,700	26,900	25,800	25,900	23,400	21,200	26,900	26,300
60	16,600	23,200	22,600	20,900	18,300	16,200	23,300	22,200	22,300	19,900	17,700	23,300	22,800
65	13,800	20,200	19,700	17,900	15,500	13,500	20,300	19,200	19,400	16,900	14,900	20,300	19,800
70	11,400	17,700	17,200	15,500	13,000	11,000	17,800	16,700	16,900	14,600	12,500	17,800	17,300
75	9,400	15,700	15,100	13,400	10,900	9,000	15,800	14,700	14,900	12,500	10,400	15,700	15,300
80	7,600	13,900	13,300	11,600	9,200	7,200	14,000	12,900	13,000	10,700	8,600	14,000	13,500
85		12,300	11,700	10,100	7,600	5,700	12,400	11,300	11,500	9,200	7,100	12,400	11,900
90		10,900	10,400	8,700	6,200	4,300	11,000	9,900	10,100	7,800	5,700	11,000	10,500
95				7,500	5,000	3,100	9,700	8,700	8,800	6,600	4,500	9,800	9,300
100							8,600	7,600	7,800	5,500	3,400	8,700	8,200
105							7,700	6,600	6,800	4,500	2,500	7,700	7,200
110										3,700	1,600	6,800	6,300
115												6,000	5,500
120												5,300	4,800
Unpinned	66,600	68,800	79,900	76,300	67,400	74,800	60,300	70,200	58,200	73,100	76,500	47,400	50,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	6,900	10,100	9,400	7,400	4,600	2,400	7,000	5,800	6,000	3,400	1,100	4,800	4,200

2120020

Rated Lifting
Capacities in
Pounds



Intermediate

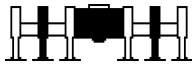


54,800 lbs

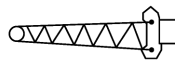


Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
25	57,100	61,400									
30	57,100	61,000	42,400	39,700	46,000	30,000	33,600	35,400			
35	51,300	49,000	42,400	37,000	46,000	30,000	33,600	35,400	26,600	27,900	
40	41,500	39,300	42,200	33,600	40,500	30,000	33,600	35,400	26,600	27,900	22,500
45	34,300	32,200	34,900	30,800	33,300	29,700	32,500	33,900	26,600	27,900	22,500
50	28,900	26,900	29,500	28,400	28,000	27,400	28,600	28,600	26,600	27,700	22,500
55	24,600	22,600	25,200	25,100	23,700	25,300	24,200	24,300	25,000	23,400	22,500
60	21,100	19,100	21,600	21,500	20,200	22,300	20,700	20,800	21,500	19,900	20,700
65	18,200	16,200	18,700	18,600	17,300	19,400	17,800	17,900	18,600	17,000	17,800
70	15,700	13,900	16,300	16,200	15,100	17,000	15,600	15,700	16,100	14,800	15,500
75	13,700	11,800	14,400	14,300	13,000	15,100	13,500	13,600	14,300	12,800	13,500
80	11,900	10,000	12,500	12,400	11,200	13,200	11,700	11,800	12,500	11,000	11,800
85	10,300	8,500	11,000	10,900	9,600	11,700	10,200	10,200	10,900	9,500	10,200
90	8,900	7,100	9,600	9,500	8,200	10,300	8,800	8,800	9,500	8,100	8,900
95	7,700	5,900	8,300	8,200	7,000	9,000	7,600	7,600	8,300	6,900	7,600
100	6,600	4,800	7,200	7,100	5,900	7,900	6,500	6,500	7,200	5,800	6,600
105	5,700	3,800	6,300	6,200	4,900	6,900	5,500	5,500	6,200	4,800	5,600
110	4,800	3,000	5,400	5,300	4,100	6,100	4,600	4,700	5,400	4,000	4,700
115	4,000	2,200	4,600	4,500	3,300	5,300	3,800	3,900	4,600	3,200	3,900
120	3,300	1,500	3,900	3,800	2,500	4,500	3,100	3,100	3,800	2,400	3,200
125	2,600		3,200	3,100	1,900	3,900	2,400	2,500	3,200	1,800	2,500
130			2,600	2,500	1,300	3,300	1,800	1,900	2,600	1,200	1,900
135			2,000	1,900		2,700	1,300	1,300	2,000		1,300
140			1,500	1,400		2,200			1,500		
145						1,700					
150						1,300					
Unpinned	57,100	61,400	42,400	39,700	46,000	30,000	33,600	35,400	26,600	27,900	22,500
Min Angle	0.0	16.5	0.0	0.0	23.5	12.0	30.5	31.0	34.5	43.0	45.5
Max Rad.	126.5	123.6	141.5	141.5	132.5	153.7	138.0	138.0	145.0	131.7	138.0
Capacity	2,500	0	1,400	1,300	0	0	0	0	0	0	0

2120010



Intermediate



10 ft Hydraulic Offset Fly



54,800 lbs



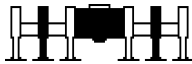
Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	59,100	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
12	75,000	57,900	75,000	59,300	75,000	59,300	75,000	59,400	75,000	59,800	75,000	59,900
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000	58,600	75,000	58,700
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	61,800	50,300	64,800	52,200	63,800	52,300	62,700	52,400	54,900	48,700	65,900	53,800
35	47,600	47,600	50,500	50,500	49,600	49,600	48,500	48,500	49,200	44,600	51,500	51,500
40	37,900	37,900	40,700	40,700	39,800	39,800	38,800	38,800	42,400	40,900	41,700	41,700
45			33,500	33,500	32,600	32,600	31,700	31,700	35,200	35,200	34,500	34,500
50			28,100	28,100	27,200	27,200	26,300	26,300	29,800	29,800	29,100	29,100
55			23,800	23,800	23,000	23,000	22,000	22,000	25,400	25,400	24,700	24,700
60									21,900	21,900	21,200	21,200
65									19,000	19,000	18,300	18,300
70									16,600	16,600	15,900	15,900
Unpinned			75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000	75,000	60,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	32,000	32,000	21,200	21,200	20,100	20,100	18,900	18,900	15,300	15,300	14,500	14,500

2123010

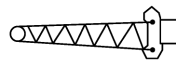
Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000	60,100	75,000	60,200								
12	75,000	60,000	75,000	60,000								
15	75,000	58,900	75,000	59,000	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
20	75,000	57,100	75,000	57,200	68,400	57,300	66,900	57,300	75,000	57,500	75,000	57,700
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	64,100	54,000	62,100	54,200	53,300	48,800	52,100	48,000	65,800	54,900	63,400	55,200
35	49,800	49,800	47,900	47,900	47,800	44,600	46,700	43,700	51,400	51,400	49,100	49,100
40	40,100	40,100	38,300	38,300	43,000	40,700	42,400	39,800	41,600	41,600	39,500	39,500
45	32,900	32,900	31,300	31,300	35,700	35,700	35,100	35,100	34,400	34,400	32,300	32,300
50	27,600	27,600	25,900	25,900	30,300	30,300	29,700	29,700	29,000	29,000	27,000	27,000
55	23,300	23,300	21,600	21,600	25,900	25,900	25,300	25,300	24,700	24,700	22,700	22,700
60	19,800	19,800	18,200	18,200	22,400	22,400	21,800	21,800	21,200	21,200	19,300	19,300
65	16,900	16,900	15,400	15,400	19,500	19,500	18,900	18,900	18,300	18,300	16,400	16,400
70	14,600	14,600	13,000	13,000	17,000	17,000	16,500	16,500	15,900	15,900	14,100	14,100
75			11,100	11,100	15,000	15,000	14,500	14,500	13,900	13,900	12,000	12,000
80					13,200	13,200	12,700	12,700	12,100	12,100	10,300	10,300
85					11,700	11,700	11,200	11,200	10,600	10,600	8,800	8,800
90											7,500	7,500
Unpinned	75,000	60,100	74,400	60,200	75,000	58,700	75,000	58,800	75,000	59,000	75,000	59,200
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	12,800	12,800	10,900	10,900	10,900	10,900	10,200	10,200	9,500	9,500	7,400	7,400

2123020

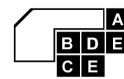
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



54,800 lbs



360°

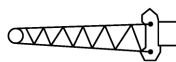
Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000	59,500										
20	75,000	57,900	57,800	53,000	71,700	57,200	75,000	57,600	75,000	57,900	75,000	58,100
25	75,000	56,600	50,900	47,200	64,800	56,100	75,000	56,400	75,000	56,800	74,700	56,900
30	60,500	55,400	45,300	42,600	58,300	52,000	64,800	55,300	61,800	55,700	59,300	55,800
35	46,500	46,500	40,900	38,600	52,600	47,600	50,600	50,600	47,600	47,600	45,500	45,500
40	36,900	36,900	37,000	35,200	42,700	42,700	40,800	40,800	38,100	38,100	35,900	35,900
45	30,000	30,000	33,700	32,200	35,400	35,400	33,600	33,600	31,100	31,100	29,000	29,000
50	24,600	24,600	30,600	30,000	30,000	30,000	28,300	28,300	25,700	25,700	23,600	23,600
55	20,400	20,400	26,200	26,200	25,700	25,700	24,000	24,000	21,400	21,400	19,400	19,400
60	17,000	17,000	22,700	22,700	22,200	22,200	20,500	20,500	18,000	18,000	16,100	16,100
65	14,300	14,300	19,800	19,800	19,300	19,300	17,600	17,600	15,300	15,300	13,400	13,400
70	11,900	11,900	17,400	17,400	16,800	16,800	15,300	15,300	12,900	12,900	11,100	11,100
75	9,900	9,900	15,400	15,400	14,900	14,900	13,300	13,300	10,900	10,900	9,100	9,100
80	8,100	8,100	13,600	13,600	13,100	13,100	11,500	11,500	9,200	9,200	7,300	7,300
85	6,600	6,600	12,000	12,000	11,500	11,500	9,900	9,900	7,600	7,600	5,800	5,800
90	5,400	5,400	10,700	10,700	10,100	10,100	8,600	8,600	6,300	6,300	4,500	4,500
95			9,500	9,500	9,000	9,000	7,400	7,400	5,100	5,100	3,400	3,400
100			8,400	8,400	7,900	7,900	6,400	6,400	4,100	4,100	2,300	2,300
105							5,500	5,500	3,200	3,200		
Unpinned	66,600	59,500	57,800	53,000	71,700	57,200	75,000	57,600	67,400	57,900	74,800	58,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	105.0	105.0
Capacity	5,000	5,000	7,800	7,800	7,200	7,200	5,500	5,500	2,900	2,900	0	0

2123010

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



54,800 lbs



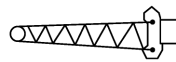
Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600		
25	51,100	48,700	55,600	55,600	50,100	47,500	63,700	56,400	67,500	56,600	38,800	38,800
30	46,300	44,100	55,600	54,400	44,900	42,800	63,200	55,400	60,600	55,700	38,800	38,800
35	41,900	40,000	51,700	50,200	40,400	38,800	49,100	49,100	46,700	46,700	37,500	36,200
40	38,000	36,500	41,900	41,900	36,600	35,300	39,400	39,400	37,000	37,000	34,100	33,000
45	34,700	33,500	34,600	34,600	33,400	32,400	32,200	32,200	30,100	30,100	31,100	30,300
50	30,400	30,400	29,300	29,300	29,400	29,400	26,900	26,900	24,700	24,700	28,700	28,100
55	26,000	26,000	24,900	24,900	25,100	25,100	22,700	22,700	20,500	20,500	25,800	25,800
60	22,500	22,500	21,400	21,400	21,500	21,500	19,200	19,200	17,100	17,100	22,300	22,300
65	19,600	19,600	18,500	18,500	18,700	18,700	16,400	16,400	14,400	14,400	19,400	19,400
70	17,100	17,100	16,100	16,100	16,200	16,200	14,100	14,100	12,000	12,000	16,900	16,900
75	15,200	15,200	14,200	14,200	14,300	14,300	12,100	12,100	10,000	10,000	15,000	15,000
80	13,400	13,400	12,400	12,400	12,500	12,500	10,300	10,300	8,300	8,300	13,200	13,200
85	11,800	11,800	10,800	10,800	11,000	11,000	8,800	8,800	6,800	6,800	11,700	11,700
90	10,500	10,500	9,500	9,500	9,600	9,600	7,500	7,500	5,500	5,500	10,300	10,300
95	9,300	9,300	8,300	8,300	8,400	8,400	6,300	6,300	4,300	4,300	9,100	9,100
100	8,200	8,200	7,200	7,200	7,300	7,300	5,200	5,200	3,300	3,300	8,000	8,000
105	7,200	7,200	6,300	6,300	6,400	6,400	4,300	4,300	2,300	2,300	7,100	7,100
110	6,400	6,400	5,400	5,400	5,500	5,500	3,400	3,400	1,500	1,500	6,200	6,200
115	5,600	5,600	4,600	4,600	4,800	4,800	2,700	2,700			5,400	5,400
120							2,000	2,000			4,700	4,700
125											4,100	4,100
130											3,500	3,500
Unpinned	51,100	51,100	55,600	55,600	53,000	53,000	63,700	57,300	67,500	57,600	38,800	38,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	24.5	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	113.1	113.1	134.4	134.4
Capacity	5,100	5,100	4,100	4,100	4,200	4,200	1,900	1,900	0	0	3,100	3,100

2123010

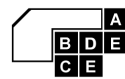
Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



54,800 lbs



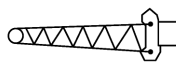
360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
25	41,100	41,100	46,700	46,700	50,800	50,800						
30	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
35	41,100	41,100	46,700	46,700	47,800	47,800	35,400	35,400	33,400	33,400	38,500	38,500
40	41,100	38,900	40,400	40,400	38,300	38,300	35,400	35,400	32,200	31,600	38,500	38,500
45	35,000	35,000	33,200	33,200	31,300	31,300	33,700	33,700	29,400	29,000	32,200	32,200
50	29,600	29,600	27,900	27,900	25,900	25,900	28,400	28,400	26,900	26,600	26,900	26,900
55	25,300	25,300	23,600	23,600	21,600	21,600	24,000	24,000	23,900	23,900	22,600	22,600
60	21,800	21,800	20,100	20,100	18,200	18,200	20,500	20,500	20,400	20,400	19,100	19,100
65	18,900	18,900	17,300	17,300	15,500	15,500	17,700	17,700	17,600	17,600	16,300	16,300
70	16,400	16,400	15,000	15,000	13,200	13,200	15,400	15,400	15,300	15,300	14,100	14,100
75	14,500	14,500	13,000	13,000	11,100	11,100	13,400	13,400	13,300	13,300	12,000	12,000
80	12,700	12,700	11,200	11,200	9,400	9,400	11,600	11,600	11,500	11,500	10,300	10,300
85	11,200	11,200	9,700	9,700	7,900	7,900	10,100	10,100	10,000	10,000	8,800	8,800
90	9,800	9,800	8,300	8,300	6,600	6,600	8,700	8,700	8,600	8,600	7,400	7,400
95	8,600	8,600	7,100	7,100	5,400	5,400	7,500	7,500	7,500	7,500	6,300	6,300
100	7,600	7,600	6,100	6,100	4,300	4,300	6,500	6,500	6,400	6,400	5,200	5,200
105	6,600	6,600	5,100	5,100	3,400	3,400	5,500	5,500	5,400	5,400	4,300	4,300
110	5,700	5,700	4,300	4,300	2,500	2,500	4,700	4,700	4,600	4,600	3,400	3,400
115	4,900	4,900	3,500	3,500	1,800	1,800	3,900	3,900	3,800	3,800	2,600	2,600
120	4,200	4,200	2,800	2,800	1,100	1,100	3,200	3,200	3,100	3,100	1,900	1,900
125	3,600	3,600	2,100	2,100			2,500	2,500	2,400	2,400	1,300	1,300
130	3,000	3,000	1,600	1,600			1,900	1,900	1,800	1,800		
135			1,100	1,100			1,400	1,400	1,300	1,300		
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	33,400	33,400	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	29.5	29.5	25.0	25.0	26.0	26.0	34.5	34.5
Max Rad.	134.8	134.8	136.5	136.5	120.8	120.8	139.0	139.0	138.0	138.0	127.5	127.5
Capacity	2,600	2,600	1,000	1,000	0	0	0	0	0	0	0	0

2123020



Intermediate



10 ft Hydraulic Offset Fly



54,800 lbs



360°

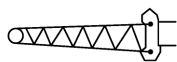
Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	25,600	25,600	28,800	28,800	29,400	29,400						
35	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200		
40	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
45	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
50	25,600	25,600	27,300	27,300	27,400	27,400	22,900	22,900	24,200	24,200	19,600	19,600
55	23,900	23,700	23,000	23,000	23,100	23,100	22,900	22,900	22,100	22,100	19,600	19,600
60	21,100	21,100	19,600	19,600	19,600	19,600	20,200	20,200	18,700	18,700	19,400	19,400
65	18,200	18,200	16,700	16,700	16,700	16,700	17,300	17,300	15,800	15,800	16,500	16,500
70	15,800	15,800	14,500	14,500	14,500	14,500	15,100	15,100	13,700	13,700	14,300	14,300
75	13,900	13,900	12,500	12,500	12,500	12,500	13,100	13,100	11,700	11,700	12,300	12,300
80	12,200	12,200	10,700	10,700	10,700	10,700	11,300	11,300	9,900	9,900	10,500	10,500
85	10,600	10,600	9,200	9,200	9,200	9,200	9,800	9,800	8,400	8,400	9,000	9,000
90	9,300	9,300	7,800	7,800	7,900	7,900	8,500	8,500	7,000	7,000	7,700	7,700
95	8,100	8,100	6,700	6,700	6,700	6,700	7,300	7,300	5,900	5,900	6,500	6,500
100	7,000	7,000	5,600	5,600	5,600	5,600	6,200	6,200	4,800	4,800	5,400	5,400
105	6,100	6,100	4,700	4,700	4,700	4,700	5,300	5,300	3,900	3,900	4,500	4,500
110	5,200	5,200	3,800	3,800	3,800	3,800	4,400	4,400	3,000	3,000	3,600	3,600
115	4,400	4,400	3,000	3,000	3,100	3,100	3,600	3,600	2,300	2,300	2,900	2,900
120	3,700	3,700	2,300	2,300	2,400	2,400	2,900	2,900	1,600	1,600	2,200	2,200
125	3,000	3,000	1,700	1,700	1,700	1,700	2,300	2,300			1,500	1,500
130	2,400	2,400	1,100	1,100	1,100	1,100	1,700	1,700				
135	1,900	1,900					1,100	1,100				
140	1,400	1,400										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	31.5	31.5	39.5	39.5	40.0	40.0	43.0	43.0	49.5	49.5	51.5	51.5
Max Rad.	144.0	144.0	130.8	130.8	131.0	131.0	136.0	136.0	124.3	124.3	129.2	129.2
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2123010

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



54,800 lbs

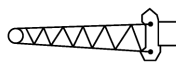


Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800									
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	30,200	24,600	24,600	31,600	31,600		
25	30,300	26,200	22,500	18,800	31,700	28,400	23,500	23,500	31,600	28,500	28,500	
30	27,600	24,300	21,200	17,900	31,700	26,800	22,500	18,500	31,600	27,400	22,900	22,900
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600	17,900	31,200	26,300	22,200	18,200
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400	21,600	17,800
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	17,400
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		20,800	19,200	17,400	16,500	20,700	20,900	18,500	17,000
70					18,300	18,400	17,100	16,300	18,200	18,400	18,100	16,800
75					16,200	16,300	16,800	16,300	16,100	16,300	16,900	16,600
80					14,500	14,600	15,000	15,400	14,500	14,600	15,200	15,800
85					12,900	13,000	13,300	13,600	12,900	13,000	13,500	14,000
90					11,600	11,600	11,800		11,500	11,600	12,100	12,500
95					10,400	10,400			10,300	10,400	10,800	11,200
100									9,200	9,300	9,600	9,900
105									8,200	8,300	8,600	8,800
110									7,300	7,400	7,700	7,800
115									6,600	6,600	6,800	6,800
120									5,900	5,900	6,000	
125									5,200	5,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	10,300	10,200	10,300	10,700	5,200	5,200	5,200	5,300

2122010



Intermediate



32.5 ft Hydraulic Offset Fly



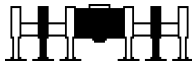
54,800 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
30	23,800	23,800						
35	23,800	23,800	24,300		16,200	16,200		
40	23,800	23,800	21,500	21,500	16,200	16,200		
45	23,800	23,800	21,000	17,500	16,200	16,200	17,300	
50	23,800	23,800	20,400	17,200	16,200	16,200	17,300	
55	23,800	23,300	19,900	17,100	16,200	16,200	17,300	17,100
60	22,500	22,300	19,500	17,100	16,200	16,200	17,300	17,100
65	19,900	20,100	19,100	17,100	16,200	16,200	17,300	17,100
70	17,400	17,600	18,400	17,100	16,100	16,200	17,300	17,100
75	15,500	15,700	16,300	16,900	14,200	14,500	15,300	16,100
80	13,700	13,900	14,500	15,300	12,500	12,700	13,500	14,300
85	12,100	12,300	12,900	13,600	10,900	11,100	11,800	12,600
90	10,700	10,900	11,500	12,000	9,500	9,700	10,400	11,100
95	9,500	9,700	10,200	10,700	8,300	8,500	9,100	9,800
100	8,400	8,600	9,000	9,500	7,200	7,400	8,000	8,600
105	7,500	7,600	8,000	8,400	6,300	6,400	6,900	7,500
110	6,600	6,700	7,100	7,500	5,400	5,500	6,000	6,500
115	5,800	5,900	6,200	6,600	4,600	4,700	5,200	5,700
120	5,100	5,200	5,500	5,800	3,900	4,000	4,400	4,900
125	4,400	4,500	4,800	5,000	3,200	3,300	3,700	4,100
130	3,800	3,900	4,100	4,300	2,600	2,700	3,100	3,500
135	3,300	3,300	3,500	3,700	2,100	2,200	2,500	2,800
140	2,800	2,800	3,000	3,100	1,600	1,700	2,000	2,300
145	2,300	2,300	2,500		1,100	1,200	1,500	1,700
150	1,900	1,900	2,000					1,200
155	1,500	1,500						
Min Angle	0.0	0.0	0.0	0.0	41.5	41.5	41.5	41.5
Max Rad.	156.9	156.9	156.6	154.6	146.3	147.0	150.0	152.5
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

2122010

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



54,800 lbs



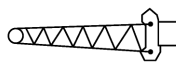
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	14,800	14,800			12,700	12,700		
50	14,800	14,800	15,200		12,700	12,700	13,100	
55	14,800	14,800	15,200		12,700	12,700	13,100	
60	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
65	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
70	14,800	14,800	15,200	16,900	12,700	12,700	13,100	14,400
75	13,400	13,600	14,600	15,500	12,500	12,700	13,100	14,400
80	11,600	11,800	12,700	13,600	10,800	11,000	11,900	13,000
85	10,000	10,300	11,000	11,900	9,200	9,400	10,300	11,300
90	8,700	8,900	9,600	10,400	7,900	8,100	8,900	9,700
95	7,500	7,700	8,300	9,100	6,700	6,900	7,600	8,400
100	6,400	6,600	7,200	7,900	5,600	5,800	6,500	7,200
105	5,400	5,600	6,200	6,800	4,600	4,800	5,500	6,100
110	4,600	4,700	5,300	5,900	3,800	3,900	4,500	5,200
115	3,800	3,900	4,400	5,000	3,000	3,100	3,700	4,300
120	3,100	3,200	3,700	4,200	2,300	2,400	3,000	3,500
125	2,400	2,500	3,000	3,400	1,600	1,800	2,300	2,800
130	1,800	1,900	2,400	2,800		1,200	1,600	2,100
135	1,300	1,400	1,800	2,200				1,500
140			1,200	1,600				
Min Angle	49.5	50.0	50.0	50.5	56.5	56.5	57.0	57.0
Max Rad.	138.0	139.0	142.0	145.0	130.0	131.7	135.0	139.2
Capacity	0	0	0	0	0	0	0	0

2122010

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



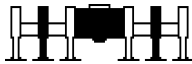
54,800 lbs



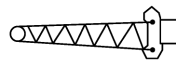
Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
10	31,800	31,800										
12	31,800	31,800	31,800		31,700	31,700						
15	31,800	31,100	31,100		31,700	31,700	31,700					
20	31,800	28,400	24,000	24,000	31,700	29,700	24,500	24,500	31,700	30,400	30,400	
25	30,300	26,200	22,500	18,800	31,700	27,600	23,200	19,000	31,700	28,900	23,800	23,800
30	27,600	24,300	21,200	17,900	30,400	25,900	22,000	18,300	31,700	27,500	22,900	22,900
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300	22,100	18,100
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	17,700
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	23,200	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	20,300	20,500	18,100	16,800
70					17,700	17,100	16,700	16,300	17,800	18,000	17,600	16,600
75					15,700	15,800	16,100	16,200	15,800	15,900	16,500	16,400
80					14,000	14,000	14,100		14,000	14,200	14,700	15,200
85									12,500	12,600	13,000	13,500
90									11,100	11,200	11,600	11,900
95									9,900	10,000	10,300	10,600
100									8,800	8,900	9,100	9,300
105									7,800	7,900	8,100	
110									7,000	7,000		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	13,600	13,600	13,700	14,300	6,800	6,800	6,900	7,100

2122020

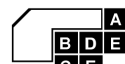
Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



54,800 lbs

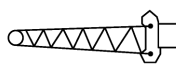


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
25	31,000	31,000						
30	31,000	27,300	27,300					
35	31,000	26,500	22,300	22,300	21,300	21,300		
40	30,100	25,700	21,800	17,900	21,300	21,300	21,800	
45	29,000	24,900	21,200	17,500	21,300	21,300	21,000	21,000
50	28,100	24,100	20,600	17,200	21,300	21,300	20,500	17,300
55	25,900	23,400	20,000	17,100	21,300	21,300	20,100	17,100
60	22,400	22,700	19,500	17,100	21,000	21,300	19,700	17,100
65	19,500	19,700	19,000	17,100	18,100	18,400	19,300	17,100
70	17,000	17,200	18,100	17,000	15,700	15,900	16,900	17,100
75	15,100	15,300	15,900	16,700	13,800	14,000	14,900	15,700
80	13,300	13,500	14,100	14,900	12,000	12,200	13,000	13,900
85	11,700	11,900	12,500	13,100	10,500	10,700	11,400	12,200
90	10,400	10,500	11,000	11,600	9,100	9,300	10,000	10,700
95	9,100	9,300	9,800	10,300	7,900	8,100	8,700	9,400
100	8,100	8,200	8,600	9,100	6,800	7,000	7,600	8,200
105	7,100	7,200	7,600	8,000	5,900	6,000	6,500	7,100
110	6,200	6,300	6,700	7,000	5,000	5,100	5,600	6,100
115	5,400	5,500	5,800	6,100	4,200	4,300	4,800	5,200
120	4,700	4,800	5,100	5,300	3,500	3,600	4,000	4,400
125	4,100	4,100	4,400	4,500	2,800	3,000	3,300	3,700
130	3,500	3,500	3,700		2,200	2,300	2,700	3,000
135	2,900	3,000	3,100		1,700	1,800	2,100	2,400
140	2,400	2,500			1,200	1,300	1,600	1,800
145								1,200
Min Angle	0.0	0.0	0.0	0.0	37.0	37.0	37.5	38.0
Max Rad.	142.3	142.4	142.0	140.1	142.0	143.0	145.0	147.0
Capacity	2,300	2,300	2,300	2,400	0	0	0	0

2122020



Intermediate



32.5 ft Hydraulic Offset Fly



54,800 lbs



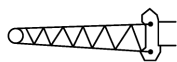
Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	19,300	19,300						
45	19,300	19,300			15,700	15,700		
50	19,300	19,300	19,700		15,700	15,700	16,100	
55	19,300	19,300	19,700	17,100	15,700	15,700	16,100	
60	19,300	19,300	19,700	17,100	15,700	15,700	16,100	17,100
65	17,200	17,500	18,700	17,100	15,700	15,700	16,100	17,100
70	15,000	15,300	16,100	17,100	14,100	14,400	15,500	16,600
75	12,900	13,200	14,100	15,200	12,100	12,300	13,400	14,500
80	11,200	11,400	12,300	13,200	10,300	10,500	11,500	12,500
85	9,600	9,800	10,600	11,500	8,800	9,000	9,900	10,800
90	8,300	8,500	9,200	10,000	7,400	7,600	8,400	9,300
95	7,100	7,200	7,900	8,700	6,200	6,400	7,200	8,000
100	6,000	6,200	6,800	7,500	5,100	5,300	6,000	6,800
105	5,000	5,200	5,800	6,400	4,200	4,400	5,000	5,700
110	4,200	4,300	4,900	5,400	3,300	3,500	4,100	4,700
115	3,400	3,500	4,000	4,600	2,600	2,700	3,300	3,900
120	2,700	2,800	3,300	3,800	1,800	2,000	2,500	3,100
125	2,000	2,100	2,600	3,000	1,200	1,300	1,800	2,300
130	1,400	1,500	1,900	2,300			1,200	1,700
135			1,400	1,700				
140				1,100				
Min Angle	47.0	47.0	47.0	47.5	54.5	54.5	55.0	55.0
Max Rad.	134.0	135.0	138.3	141.0	126.7	127.5	131.7	135.0
Capacity	0	0	0	0	0	0	0	0

2122020

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



54,800 lbs

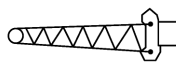


Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800										
20	18,700	15,800	15,800		19,800	19,800						
25	16,900	14,500	14,500		18,400	15,100	15,100		18,400	18,400		
30	15,500	13,500	11,600	11,600	17,100	14,200	14,200		17,500	17,500		
35	14,200	12,500	10,900	10,900	16,000	13,500	11,300	11,300	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	15,000	12,800	10,800	10,800	15,900	13,200	13,200	
45	12,200	11,000	9,800	8,900	14,100	12,100	10,400	9,100	15,100	12,700	10,600	10,600
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000	8,900	14,500	12,200	10,300	10,300
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600	8,600	13,800	11,800	10,000	8,800
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	8,600
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	8,500
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,200	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	8,300	8,400	7,900	7,500
115					7,700	7,600	7,500		7,500	7,600	7,800	7,500
120									6,800	6,900	7,300	7,500
125									6,100	6,200	6,600	6,900
130									5,500	5,600	5,900	6,200
135									5,000	5,000	5,300	5,400
140									4,500	4,500	4,700	
145									4,000	4,000	4,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	3,800	3,800	3,800	4,000

2122030



Intermediate



55 ft Hydraulic Offset Fly



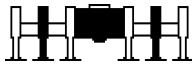
54,800 lbs



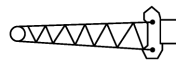
Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	15,300	15,300						
40	15,300	13,200	13,200		11,400	11,400		
45	15,100	12,800	12,800		11,400	11,400		
50	14,700	12,400	10,400	10,400	11,400	11,400		
55	14,200	12,100	10,200	10,200	11,400	11,400	11,900	
60	13,700	11,700	9,900	8,700	11,400	11,400	10,000	10,000
65	13,300	11,400	9,700	8,600	11,400	11,400	9,800	9,800
70	12,900	11,100	9,500	8,500	11,400	11,200	9,600	8,500
75	12,500	10,800	9,300	8,300	11,400	11,000	9,500	8,400
80	12,100	10,500	9,100	8,200	11,400	10,800	9,300	8,300
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	8,200
90	11,400	10,000	8,800	8,000	10,300	10,300	9,000	8,200
95	10,300	9,800	8,700	7,900	9,000	9,300	8,900	8,100
100	9,200	9,500	8,500	7,900	7,900	8,200	8,800	8,000
105	8,300	8,500	8,400	7,800	7,000	7,200	8,100	7,900
110	7,400	7,600	8,300	7,700	6,100	6,300	7,200	7,900
115	6,600	6,700	7,400	7,700	5,300	5,500	6,300	7,200
120	5,800	6,000	6,600	7,200	4,600	4,800	5,500	6,300
125	5,200	5,300	5,900	6,400	3,900	4,100	4,800	5,500
130	4,600	4,700	5,200	5,700	3,300	3,500	4,100	4,800
135	4,000	4,100	4,600	5,000	2,700	2,900	3,500	4,100
140	3,500	3,600	4,000	4,400	2,200	2,400	2,900	3,500
145	3,000	3,100	3,500	3,800	1,800	1,900	2,400	3,000
150	2,600	2,700	3,000	3,300	1,300	1,400	1,900	2,400
155	2,200	2,200	2,500	2,800			1,500	1,900
160	1,800	1,900	2,100	2,200			1,100	1,500
165	1,400	1,500	1,700					
170	1,100	1,200	1,300					
Min Angle	19.0	18.0	18.5	28.5	45.5	46.0	46.5	47.0
Max Rad.	171.7	173.3	173.2	165.0	153.8	155.0	161.3	165.0
Capacity	0	0	0	0	0	0	0	0

2122030

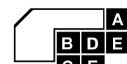
Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



54,800 lbs



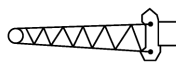
Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	10,600	10,600			9,200	9,200		
55	10,600	10,600			9,200	9,200		
60	10,600	10,600			9,200	9,200	9,500	
65	10,600	10,600	11,100		9,200	9,200	9,500	
70	10,600	10,600	9,700	9,700	9,200	9,200	9,500	
75	10,600	10,600	9,500	8,500	9,200	9,200	9,500	9,500
80	10,600	10,600	9,400	8,400	9,200	9,200	9,400	8,400
85	10,600	10,600	9,200	8,300	9,200	9,200	9,300	8,300
90	9,400	9,700	9,100	8,200	8,600	8,900	9,100	8,200
95	8,200	8,500	9,000	8,100	7,400	7,700	8,900	8,200
100	7,100	7,400	8,500	8,100	6,300	6,600	7,700	8,100
105	6,100	6,400	7,400	8,000	5,300	5,600	6,700	7,900
110	5,300	5,500	6,400	7,500	4,400	4,700	5,700	6,900
115	4,500	4,700	5,600	6,500	3,600	3,900	4,900	5,900
120	3,700	4,000	4,800	5,700	2,900	3,200	4,100	5,100
125	3,100	3,300	4,100	4,900	2,300	2,500	3,400	4,300
130	2,500	2,700	3,400	4,200	1,700	1,900	2,700	3,600
135	1,900	2,100	2,800	3,500	1,100	1,300	2,100	2,900
140	1,400	1,600	2,200	2,900			1,500	2,300
145		1,100	1,700	2,300				1,700
150			1,200	1,800				1,200
155				1,300				
Min Angle	53.0	53.0	53.5	54.5	59.0	59.0	59.5	60.0
Max Rad.	144.0	146.0	152.5	158.0	136.0	138.0	145.0	152.0
Capacity	0	0	0	0	0	0	0	0

2122030

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



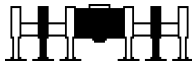
54,800 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
12	22,300	22,300										
15	20,800	20,800			21,500	21,500						
20	18,700	15,800	15,800		19,600	19,600						
25	16,900	14,500	14,500		17,900	15,000	15,000		18,800	18,800		
30	15,500	13,500	11,600	11,600	16,500	14,000	14,000		17,600	14,500	14,500	
35	14,200	12,500	10,900	10,900	15,300	13,100	11,100	11,100	16,600	13,800	13,800	
40	13,100	11,700	10,300	9,300	14,300	12,400	10,600	10,600	15,700	13,100	10,900	10,900
45	12,200	11,000	9,800	8,900	13,300	11,700	10,100	9,000	14,900	12,600	10,500	10,500
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700	8,700	14,100	12,000	10,200	9,000
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	8,700
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	8,500
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,200	8,100	7,700	7,500
115									7,400	7,500	7,600	7,500
120									6,600	6,700	7,000	7,300
125									6,000	6,100	6,300	
130									5,400	5,400	5,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	5,000	5,000	5,100	5,400

2122040

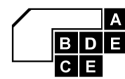
Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



54,800 lbs

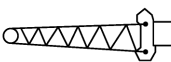


Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
35	16,800	16,800						
40	16,100	13,400	13,400		14,200	14,200		
45	15,500	12,900	12,900		14,200	12,900	12,900	
50	14,900	12,500	10,400	10,400	14,200	12,500	12,500	
55	14,300	12,100	10,200	8,900	14,200	12,200	10,300	10,300
60	13,800	11,700	9,900	8,700	14,000	11,900	10,000	10,000
65	13,200	11,300	9,700	8,500	13,600	11,600	9,800	8,700
70	12,800	11,000	9,400	8,400	13,200	11,300	9,600	8,500
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	8,400
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	8,300
85	11,500	10,100	8,800	8,000	11,400	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	10,000	10,300	9,000	8,100
95	10,100	9,500	8,500	7,900	8,800	9,000	8,800	8,000
100	9,000	9,200	8,400	7,800	7,700	7,900	8,700	7,900
105	8,000	8,200	8,200	7,700	6,700	6,900	7,900	7,900
110	7,200	7,300	8,000	7,700	5,800	6,100	6,900	7,800
115	6,400	6,500	7,100	7,600	5,000	5,200	6,000	6,900
120	5,600	5,800	6,300	6,900	4,300	4,500	5,200	6,000
125	5,000	5,100	5,600	6,100	3,700	3,800	4,500	5,200
130	4,400	4,500	5,000	5,400	3,000	3,200	3,900	4,500
135	3,800	3,900	4,300	4,700	2,500	2,700	3,200	3,800
140	3,300	3,400	3,800	4,100	2,000	2,100	2,700	3,200
145	2,800	2,900	3,200	3,500	1,500	1,600	2,100	2,600
150	2,400	2,500	2,700	2,800	1,100	1,200	1,700	2,100
155	2,000	2,100	2,300				1,200	1,600
160	1,600	1,700	1,700					1,100
Min Angle	0.0	0.0	0.0	0.0	41.5	42.0	42.0	43.0
Max Rad.	164.8	164.9	164.1	161.0	151.3	152.5	157.5	161.3
Capacity	1,400	1,400	1,400	1,500	0	0	0	0

2122040



Intermediate



55 ft Hydraulic Offset Fly

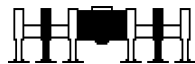


54,800 lbs

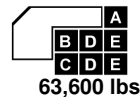


Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	13,100	13,100						
50	13,100	12,500	12,500		11,300	11,300		
55	13,100	12,200	12,200		11,300	11,300		
60	13,100	12,000	10,100	10,100	11,300	11,300		
65	13,100	11,700	9,900	9,900	11,300	11,300	9,900	9,900
70	13,100	11,400	9,700	8,600	11,300	11,300	9,700	9,700
75	13,000	11,200	9,600	8,500	11,300	11,200	9,600	8,500
80	12,100	10,900	9,400	8,400	11,100	11,000	9,400	8,400
85	10,500	10,700	9,200	8,300	9,600	10,000	9,300	8,300
90	9,100	9,400	9,100	8,200	8,200	8,600	9,200	8,200
95	7,900	8,200	8,900	8,100	7,000	7,400	8,600	8,100
100	6,800	7,100	8,200	8,000	5,900	6,300	7,400	8,100
105	5,900	6,100	7,100	7,900	5,000	5,300	6,400	7,600
110	5,000	5,200	6,200	7,200	4,100	4,400	5,400	6,600
115	4,200	4,400	5,300	6,300	3,300	3,600	4,600	5,600
120	3,500	3,700	4,500	5,400	2,600	2,900	3,800	4,800
125	2,800	3,000	3,800	4,600	2,000	2,200	3,000	4,000
130	2,200	2,400	3,100	3,900	1,400	1,600	2,400	3,200
135	1,700	1,800	2,500	3,200			1,800	2,600
140	1,100	1,300	1,900	2,600			1,200	1,900
145			1,400	2,000				1,400
150				1,500				
Min Angle	50.0	50.5	51.0	51.0	57.0	57.0	57.5	58.0
Max Rad.	141.3	143.0	149.0	155.0	133.3	135.0	142.0	148.3
Capacity	0	0	0	0	0	0	0	0

2122040



Intermediate



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	215,800	157,000	191,800	188,400								
12	191,700	147,500	191,800	188,400								
15	162,400	135,200	165,000	164,100	90,200	128,000	138,200	145,800				
20	127,800	118,800	130,800	129,900	78,500	110,900	120,100	126,200	72,900	70,300	102,200	104,500
25	88,700	95,200	94,000	92,600	69,500	97,400	95,300	92,900	64,500	62,300	90,300	92,200
30	64,200	70,200	69,100	67,800	62,300	72,600	70,700	68,500	57,700	55,800	72,900	70,400
35		54,500	53,400	52,200	56,400	56,800	55,000	53,000	52,100	50,500	57,300	54,900
40		43,700	42,700	41,500	46,700	45,900	44,200	42,300	47,600	46,000	46,600	44,300
45		35,800	34,800	33,700	38,700	38,000	36,300	34,400	40,000	39,300	38,600	36,400
50					32,600	31,900	30,300	28,500	33,800	33,200	32,500	30,500
55					27,900	27,200	25,600	23,800	29,100	28,500	27,800	25,700
60					24,000	23,300	21,800	20,000	25,200	24,600	23,900	21,900
65								16,900	22,000	21,400	20,700	18,700
70									19,300	18,700	18,100	16,100
75									17,000	16,500	15,800	13,900
80												11,900
Unpinned		82,400	79,600	76,600	82,400	80,700	77,600	74,400	72,900	70,300	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	50,600	31,100	29,600	28,100	21,900	20,900	18,800	16,500	15,800	15,000	14,200	11,700

2130070

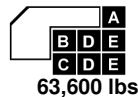


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



63,600 lbs



Boom Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
20	111,500												
25	91,600	53,600	69,100	82,900	89,100	76,100							
30	67,300	48,100	62,600	72,300	69,000	66,500	48,500	66,100	46,600	70,800	63,000		
35	52,100	43,600	57,100	56,700	53,700	51,300	44,000	58,100	42,300	55,400	52,800	39,300	47,100
40	41,600	39,700	48,000	46,100	43,200	40,900	40,200	47,400	38,600	44,800	42,300	35,900	43,400
45	33,800	36,400	40,200	38,200	35,500	33,200	36,900	39,500	35,400	37,000	34,600	32,900	40,000
50	27,900	33,600	34,000	32,200	29,600	27,500	34,100	33,500	32,600	31,200	28,900	30,400	34,000
55	23,200	29,900	29,300	27,500	24,900	22,800	30,000	28,800	29,000	26,500	24,200	28,200	29,400
60	19,400	26,000	25,400	23,600	21,000	19,000	26,100	24,900	25,100	22,700	20,400	26,100	25,600
65	16,300	22,800	22,200	20,400	17,900	15,900	22,800	21,700	21,900	19,500	17,300	22,900	22,300
70	13,700	20,100	19,500	17,800	15,400	13,400	20,100	19,100	19,200	16,800	14,800	20,200	19,600
75	11,500	17,800	17,200	15,600	13,100	11,100	17,800	16,800	16,900	14,700	12,500	17,900	17,400
80	9,600	15,800	15,300	13,600	11,200	9,200	15,900	14,900	15,100	12,700	10,600	15,900	15,500
85		14,200	13,600	11,900	9,500	7,600	14,200	13,200	13,300	11,000	8,900	14,300	13,800
90		12,700	12,100	10,400	8,000	6,100	12,700	11,700	11,800	9,500	7,500	12,800	12,300
95				9,100	6,700	4,800	11,400	10,400	10,500	8,200	6,200	11,400	10,900
100							10,200	9,200	9,300	7,100	5,000	10,200	9,800
105							9,200	8,100	8,300	6,000	4,000	9,200	8,700
110										5,100	3,000	8,200	7,700
115												7,400	6,900
120												6,600	6,100
Unpinned	66,600	53,600	69,100	76,300	67,400	74,800	48,500	66,100	46,600	70,800	63,000	39,300	47,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	8,900	11,800	11,100	9,100	6,200	4,000	8,400	7,300	7,400	4,800	2,500	6,000	5,500

2130070



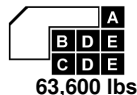
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
35	56,700	54,400									
40	46,100	43,800	42,400	33,600	45,100						
45	38,200	36,100	38,800	30,800	37,200	29,700	32,500	35,400			
50	32,200	30,300	32,800	28,400	31,400	27,400	30,100	31,900	26,600	27,900	
55	27,700	25,600	28,200	26,200	26,800	25,300	27,300	27,400	26,600	26,500	22,500
60	23,900	21,900	24,400	24,300	23,000	23,400	23,500	23,600	24,300	22,700	22,500
65	20,700	18,700	21,300	21,200	19,900	21,800	20,400	20,400	21,100	19,600	20,300
70	18,000	16,100	18,600	18,500	17,200	19,300	17,800	17,800	18,500	17,000	17,700
75	15,700	14,000	16,400	16,200	15,100	17,000	15,700	15,800	16,200	15,000	15,600
80	13,900	12,000	14,500	14,400	13,200	15,300	13,700	13,800	14,500	13,000	13,800
85	12,200	10,300	12,800	12,700	11,500	13,500	12,000	12,100	12,800	11,400	12,100
90	10,700	8,900	11,300	11,200	10,000	12,000	10,500	10,600	11,300	9,900	10,600
95	9,400	7,500	10,000	9,900	8,700	10,700	9,200	9,300	10,000	8,600	9,300
100	8,200	6,400	8,800	8,700	7,500	9,500	8,000	8,100	8,800	7,400	8,100
105	7,100	5,300	7,800	7,700	6,400	8,400	7,000	7,000	7,700	6,300	7,100
110	6,200	4,400	6,800	6,700	5,500	7,500	6,000	6,100	6,800	5,400	6,100
115	5,300	3,500	5,900	5,800	4,600	6,600	5,200	5,200	5,900	4,500	5,300
120	4,600	2,800	5,100	5,000	3,800	5,800	4,400	4,400	5,100	3,700	4,500
125	3,900	2,100	4,400	4,300	3,100	5,100	3,700	3,700	4,400	3,000	3,700
130			3,800	3,700	2,500	4,400	3,000	3,100	3,700	2,400	3,100
135			3,200	3,100	1,900	3,800	2,400	2,500	3,100	1,800	2,500
140			2,600	2,500	1,300	3,300	1,800	1,900	2,600	1,200	1,900
145						2,800	1,300	1,400	2,100		1,400
150						2,300			1,600		
155						1,900			1,100		
Unpinned	56,700	54,400	42,400	33,600	45,100	29,700	32,500	35,400	26,600	27,900	22,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	21.0	21.0	27.0	38.0	40.5
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	148.7	149.0	156.2	142.0	149.0
Capacity	3,700	1,700	2,500	2,400	1,100	1,800	0	0	0	0	0

2130010

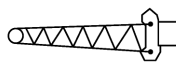


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000		75,000		75,000		75,000					
12	75,000	57,900	75,000		75,000		75,000					
15	75,000	56,300	75,000	57,900	75,000	57,900	75,000	58,000	75,000		75,000	
20	75,000	54,000	75,000	55,800	75,000	55,900	75,000	56,000	70,700	56,800	75,000	57,000
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700	54,000	75,000	55,400
30	68,300	50,300	71,400	52,200	70,300	52,300	69,200	52,400	54,900	48,700	72,400	53,800
35	52,900	49,800	55,900	50,800	54,900	50,900	53,800	51,000	49,200	44,600	56,900	52,300
40	42,400	42,400	45,300	45,300	44,400	44,400	43,300	43,300	44,800	40,900	46,200	46,200
45			37,400	37,400	36,600	36,600	35,600	35,600	39,100	37,800	38,400	38,400
50			31,500	31,500	30,700	30,700	29,700	29,700	33,100	33,100	32,400	32,400
55			26,900	26,900	26,000	26,000	25,100	25,100	28,500	28,500	27,800	27,800
60									24,600	24,600	24,000	24,000
65									21,500	21,500	20,800	20,800
70									18,900	18,900	18,300	18,300
Unpinned			75,000	57,900	75,000	57,900	75,000	58,000	75,000	56,800	75,000	57,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	36,000	36,000	24,100	24,100	23,000	23,000	21,700	21,700	17,500	17,500	16,700	16,700

2133010



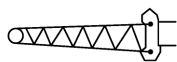
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000		75,000									
20	75,000	57,100	75,000	57,200	68,400		66,900		75,000		75,000	
25	75,000	55,600	75,000	55,700	60,000	54,400	58,700	53,400	75,000	56,200	75,000	56,400
30	70,600	54,000	68,600	54,200	53,300	48,800	52,100	48,000	72,300	54,900	69,900	55,200
35	55,200	52,500	53,300	52,700	47,800	44,600	46,700	43,700	56,800	53,400	54,500	53,700
40	44,600	44,600	42,800	42,800	43,500	40,700	42,400	39,800	46,100	46,100	44,000	44,000
45	36,900	36,900	35,100	35,100	39,600	37,400	38,700	36,600	38,300	38,300	36,200	36,200
50	31,000	31,000	29,300	29,300	33,600	33,600	33,000	33,000	32,300	32,300	30,400	30,400
55	26,300	26,300	24,700	24,700	29,000	29,000	28,400	28,400	27,700	27,700	25,800	25,800
60	22,600	22,600	21,000	21,000	25,200	25,200	24,600	24,600	24,000	24,000	22,000	22,000
65	19,500	19,500	17,900	17,900	22,000	22,000	21,500	21,500	20,800	20,800	18,900	18,900
70	16,900	16,900	15,400	15,400	19,400	19,400	18,800	18,800	18,200	18,200	16,300	16,300
75			13,200	13,200	17,100	17,100	16,600	16,600	16,000	16,000	14,200	14,200
80					15,300	15,300	14,700	14,700	14,100	14,100	12,300	12,300
85					13,600	13,600	13,100	13,100	12,500	12,500	10,700	10,700
90											9,300	9,300
Unpinned	75,000	57,100	74,400	57,200	68,400	54,400	66,900	53,400	75,000	56,200	75,000	56,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	14,900	14,900	13,100	13,100	12,700	12,700	12,000	12,000	11,300	11,300	9,100	9,100

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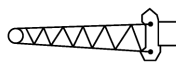
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



360°

Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	75,000											
25	75,000	56,600	50,900		64,800		75,000		75,000		74,700	
30	67,000	55,400	45,300	42,600	58,300	52,000	71,400	55,300	68,300	55,700	65,800	55,800
35	51,800	51,800	40,900	38,600	52,700	47,600	55,900	54,000	53,000	53,000	50,700	50,700
40	41,400	41,400	37,000	35,200	47,300	44,000	45,400	45,400	42,600	42,600	40,400	40,400
45	33,800	33,800	33,700	32,200	39,400	39,400	37,500	37,500	34,900	34,900	32,800	32,800
50	28,000	28,000	30,900	30,000	33,300	33,300	31,600	31,600	29,100	29,100	27,100	27,100
55	23,500	23,500	28,700	27,800	28,700	28,700	27,000	27,000	24,500	24,500	22,500	22,500
60	19,800	19,800	25,500	25,500	24,900	24,900	23,300	23,300	20,800	20,800	18,800	18,800
65	16,700	16,700	22,300	22,300	21,800	21,800	20,100	20,100	17,700	17,700	15,800	15,800
70	14,200	14,200	19,700	19,700	19,200	19,200	17,500	17,500	15,300	15,300	13,400	13,400
75	12,000	12,000	17,500	17,500	16,900	16,900	15,400	15,400	13,100	13,100	11,200	11,200
80	10,100	10,100	15,600	15,600	15,100	15,100	13,500	13,500	11,200	11,200	9,300	9,300
85	8,500	8,500	13,900	13,900	13,400	13,400	11,800	11,800	9,500	9,500	7,700	7,700
90	7,100	7,100	12,400	12,400	11,900	11,900	10,400	10,400	8,100	8,100	6,300	6,300
95			11,100	11,100	10,600	10,600	9,100	9,100	6,800	6,800	5,000	5,000
100			10,000	10,000	9,500	9,500	7,900	7,900	5,700	5,700	3,900	3,900
105							7,000	7,000	4,700	4,700	2,900	2,900
Unpinned	66,600	56,600	50,900	42,600	64,800	52,000	75,000	55,300	67,400	55,700	74,700	55,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	6,700	6,700	9,400	9,400	8,800	8,800	7,000	7,000	4,400	4,400	2,400	2,400

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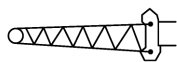
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	46,300		55,600		44,900		63,700		61,600			
35	41,900	40,000	55,600	50,200	40,400	38,800	54,400	54,200	51,900	51,900	37,500	
40	38,000	36,500	46,400	46,400	36,600	35,300	43,900	43,900	41,500	41,500	34,100	33,000
45	34,700	33,500	38,500	38,500	33,400	32,400	36,200	36,200	33,800	33,800	31,100	30,300
50	31,900	30,900	32,500	32,500	30,600	29,900	30,400	30,400	28,100	28,100	28,700	28,100
55	29,100	28,800	28,000	28,000	28,100	27,700	25,700	25,700	23,600	23,600	26,500	25,900
60	25,200	25,200	24,200	24,200	24,300	24,300	22,000	22,000	19,800	19,800	24,500	24,000
65	22,100	22,100	21,100	21,100	21,200	21,200	18,900	18,900	16,800	16,800	21,900	21,900
70	19,500	19,500	18,400	18,400	18,600	18,600	16,300	16,300	14,400	14,400	19,300	19,300
75	17,200	17,200	16,200	16,200	16,300	16,300	14,200	14,200	12,200	12,200	17,000	17,000
80	15,400	15,400	14,400	14,400	14,500	14,500	12,300	12,300	10,300	10,300	15,200	15,200
85	13,700	13,700	12,700	12,700	12,900	12,900	10,700	10,700	8,700	8,700	13,500	13,500
90	12,200	12,200	11,200	11,200	11,400	11,400	9,200	9,200	7,200	7,200	12,100	12,100
95	10,900	10,900	9,900	9,900	10,100	10,100	7,900	7,900	6,000	6,000	10,800	10,800
100	9,800	9,800	8,800	8,800	8,900	8,900	6,800	6,800	4,800	4,800	9,600	9,600
105	8,700	8,700	7,800	7,800	7,900	7,900	5,800	5,800	3,800	3,800	8,500	8,500
110	7,800	7,800	6,800	6,800	7,000	7,000	4,800	4,800	2,900	2,900	7,600	7,600
115	7,000	7,000	6,000	6,000	6,100	6,100	4,000	4,000	2,100	2,100	6,800	6,800
120							3,300	3,300	1,400	1,400	6,000	6,000
125											5,300	5,300
130											4,700	4,700
Unpinned	46,300	40,000	55,600	50,200	44,900	38,800	63,700	54,200	61,600	51,900	37,500	33,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	6,400	6,400	5,300	5,300	5,500	5,500	3,100	3,100	1,000	1,000	4,200	4,200

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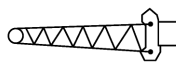


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
35	41,100	41,100	46,700	46,700	50,800	50,800						
40	41,100	38,900	44,900	44,900	42,800	42,800	35,400	35,400	32,200		38,500	38,500
45	37,800	35,900	37,100	37,100	35,100	35,100	35,400	35,400	29,400	29,000	36,100	36,100
50	32,900	32,900	31,400	31,400	29,400	29,400	31,600	31,600	26,900	26,600	30,300	30,300
55	28,300	28,300	26,700	26,700	24,700	24,700	27,100	27,100	24,700	24,500	25,700	25,700
60	24,500	24,500	22,900	22,900	21,000	21,000	23,300	23,300	22,800	22,600	21,900	21,900
65	21,400	21,400	19,800	19,800	17,900	17,900	20,200	20,200	20,100	20,100	18,800	18,800
70	18,800	18,800	17,200	17,200	15,500	15,500	17,600	17,600	17,500	17,500	16,200	16,200
75	16,500	16,500	15,100	15,100	13,300	13,300	15,500	15,500	15,400	15,400	14,200	14,200
80	14,700	14,700	13,200	13,200	11,400	11,400	13,600	13,600	13,500	13,500	12,300	12,300
85	13,100	13,100	11,600	11,600	9,800	9,800	12,000	12,000	11,900	11,900	10,700	10,700
90	11,600	11,600	10,100	10,100	8,300	8,300	10,500	10,500	10,400	10,400	9,200	9,200
95	10,300	10,300	8,800	8,800	7,100	7,100	9,200	9,200	9,100	9,100	7,900	7,900
100	9,100	9,100	7,600	7,600	5,900	5,900	8,100	8,100	8,000	8,000	6,800	6,800
105	8,100	8,100	6,600	6,600	4,900	4,900	7,000	7,000	6,900	6,900	5,800	5,800
110	7,100	7,100	5,700	5,700	4,000	4,000	6,100	6,100	6,000	6,000	4,800	4,800
115	6,300	6,300	4,800	4,800	3,100	3,100	5,200	5,200	5,100	5,100	4,000	4,000
120	5,500	5,500	4,100	4,100	2,400	2,400	4,500	4,500	4,400	4,400	3,200	3,200
125	4,800	4,800	3,400	3,400	1,700	1,700	3,800	3,800	3,700	3,700	2,500	2,500
130	4,200	4,200	2,800	2,800	1,100	1,100	3,100	3,100	3,000	3,000	1,900	1,900
135			2,200	2,200			2,500	2,500	2,400	2,400	1,300	1,300
140							2,000	2,000	1,900	1,900		
145							1,500	1,500	1,400	1,400		
150							1,100	1,100				
Unpinned	41,100	41,100	46,700	46,700	50,800	50,800	35,400	35,400	32,200	29,000	38,500	38,500
Min Angle	0.0	0.0	0.0	0.0	19.5	19.5	0.0	0.0	10.5	10.0	26.5	26.5
Max Rad.	134.8	134.8	136.5	136.5	130.8	130.8	151.5	151.5	150.0	150.0	138.0	138.0
Capacity	3,700	3,700	2,100	2,100	0	0	1,000	1,000	0	0	0	0

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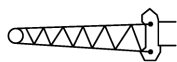
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



63,600 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
45	25,600	25,600	28,800	28,800	29,400	29,400						
50	25,600	25,600	28,600	28,000	29,400	29,400	22,900	22,900	24,200	24,200		
55	23,900	23,700	26,100	25,900	26,200	26,200	22,900	22,900	24,200	24,200	19,600	19,600
60	22,000	21,900	22,300	22,300	22,400	22,400	22,900	22,900	21,500	21,500	19,600	19,600
65	20,300	20,300	19,200	19,200	19,300	19,300	19,900	19,900	18,400	18,400	19,000	19,000
70	18,100	18,100	16,600	16,600	16,700	16,700	17,300	17,300	15,800	15,800	16,400	16,400
75	15,900	15,900	14,600	14,600	14,700	14,700	15,300	15,300	13,800	13,800	14,500	14,500
80	14,200	14,200	12,700	12,700	12,800	12,800	13,300	13,300	11,900	11,900	12,600	12,600
85	12,500	12,500	11,100	11,100	11,100	11,100	11,700	11,700	10,300	10,300	10,900	10,900
90	11,000	11,000	9,600	9,600	9,600	9,600	10,200	10,200	8,800	8,800	9,400	9,400
95	9,700	9,700	8,300	8,300	8,400	8,400	8,900	8,900	7,500	7,500	8,200	8,200
100	8,600	8,600	7,200	7,200	7,200	7,200	7,800	7,800	6,400	6,400	7,000	7,000
105	7,500	7,500	6,100	6,100	6,200	6,200	6,700	6,700	5,400	5,400	6,000	6,000
110	6,600	6,600	5,200	5,200	5,300	5,300	5,800	5,800	4,400	4,400	5,100	5,100
115	5,800	5,800	4,400	4,400	4,400	4,400	5,000	5,000	3,600	3,600	4,200	4,200
120	5,000	5,000	3,600	3,600	3,700	3,700	4,200	4,200	2,900	2,900	3,500	3,500
125	4,300	4,300	2,900	2,900	3,000	3,000	3,500	3,500	2,200	2,200	2,800	2,800
130	3,600	3,600	2,300	2,300	2,300	2,300	2,900	2,900	1,500	1,500	2,100	2,100
135	3,000	3,000	1,700	1,700	1,700	1,700	2,300	2,300			1,500	1,500
140	2,500	2,500	1,100	1,100	1,200	1,200	1,700	1,700				
145	2,000	2,000					1,200	1,200				
150	1,500	1,500										
155	1,100	1,100										
Unpinned	25,600	25,600	28,800	28,800	29,400	29,400	22,900	22,900	24,200	24,200	19,600	19,600
Min Angle	21.5	21.5	34.0	34.0	34.0	34.0	38.0	38.0	45.5	45.5	47.5	47.5
Max Rad.	156.3	156.3	141.0	141.0	142.0	142.0	147.0	147.0	134.2	134.2	140.0	140.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

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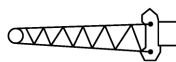
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	31,800											
20	31,800	28,400										
25	30,300	26,200			31,700							
30	27,600	24,300	21,200		31,700	26,800						
35	25,400	22,600	20,100	17,200	30,000	25,400	21,600		31,200			
40	23,400	21,200	19,000	17,100	28,100	24,200	20,800	17,400	29,800	25,400		
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000	17,100	28,600	24,500	20,900	
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700	20,200	17,100
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	17,100
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					18,400	17,700	17,100	16,300	18,300	18,500	17,600	16,600
80					16,400	16,500	16,700	16,300	16,300	16,500	17,000	16,400
85					14,800	14,900	15,200	15,500	14,800	14,900	15,400	15,800
90					13,300	13,400	13,600		13,300	13,400	13,800	14,300
95					12,100	12,100			11,900	12,000	12,400	12,800
100									10,800	10,900	11,200	11,500
105									9,700	9,800	10,100	10,300
110									8,800	8,800	9,100	9,300
115									7,900	8,000	8,200	8,200
120									7,100	7,200	7,300	
125									6,500	6,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	11,900	11,900	12,000	12,400	6,400	6,400	6,400	6,600

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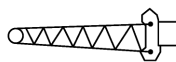
⚠ WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	23,800							
50	23,800	23,800			16,200			
55	23,800	23,300	19,900		16,200			
60	22,500	22,300	19,500	17,100	16,200	16,200		
65	20,900	20,700	19,100	17,100	16,200	16,200		
70	19,400	19,200	18,600	17,100	16,200	16,200	17,300	
75	17,500	17,700	17,800	16,900	16,200	16,200	16,600	16,700
80	15,700	15,700	16,400	16,700	14,500	14,700	15,400	15,500
85	14,000	14,200	14,800	15,400	12,800	13,000	13,700	14,500
90	12,500	12,700	13,200	13,800	11,300	11,500	12,100	12,900
95	11,200	11,300	11,800	12,400	10,000	10,100	10,800	11,400
100	10,000	10,100	10,600	11,100	8,800	9,000	9,500	10,100
105	9,000	9,100	9,500	9,900	7,800	7,900	8,400	9,000
110	8,000	8,100	8,500	8,900	6,800	6,900	7,400	8,000
115	7,100	7,200	7,600	7,900	6,000	6,100	6,500	7,000
120	6,400	6,500	6,800	7,100	5,200	5,300	5,700	6,200
125	5,700	5,700	6,000	6,300	4,500	4,600	5,000	5,400
130	5,000	5,100	5,300	5,500	3,800	3,900	4,300	4,600
135	4,400	4,500	4,700	4,800	3,200	3,300	3,700	4,000
140	3,900	3,900	4,100	4,200	2,700	2,800	3,100	3,400
145	3,400	3,400	3,500		2,200	2,200	2,500	2,800
150	2,900	2,900	3,000		1,700	1,800	2,000	2,200
155	2,500	2,500			1,200	1,300	1,500	1,700
160							1,100	1,300
Min Angle	0.0	0.0	0.0	0.0	35.5	35.5	35.5	36.0
Max Rad.	156.9	156.9	156.6	154.6	157.5	158.8	161.3	163.0
Capacity	2,400	2,400	2,400	2,500	0	0	0	0

2132010

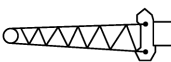


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	14,800							
65	14,800	14,800			12,700			
70	14,800	14,800			12,700			
75	14,800	14,800	15,200		12,700	12,700		
80	13,600	13,800	14,700	15,500	12,700	12,700		
85	11,900	12,100	12,900	13,800	11,100	11,300	12,200	13,100
90	10,400	10,600	11,400	12,200	9,600	9,800	10,600	11,500
95	9,100	9,300	10,000	10,700	8,300	8,500	9,300	10,100
100	8,000	8,100	8,800	9,500	7,200	7,300	8,000	8,800
105	6,900	7,100	7,700	8,300	6,100	6,300	6,900	7,600
110	6,000	6,100	6,700	7,300	5,200	5,400	6,000	6,600
115	5,100	5,300	5,800	6,300	4,300	4,500	5,100	5,700
120	4,400	4,500	5,000	5,500	3,600	3,700	4,200	4,800
125	3,700	3,800	4,200	4,700	2,900	3,000	3,500	4,000
130	3,000	3,100	3,500	4,000	2,200	2,300	2,800	3,300
135	2,400	2,500	2,900	3,300	1,600	1,700	2,200	2,600
140	1,900	2,000	2,300	2,700	1,100	1,200	1,600	2,000
145	1,400	1,400	1,800	2,100			1,100	1,400
150			1,300	1,600				
155				1,100				
Min Angle	45.5	45.5	46.0	46.0	53.0	53.5	53.5	54.0
Max Rad.	149.0	150.0	153.0	156.0	141.0	142.0	146.0	149.0
Capacity	0	0	0	0	0	0	0	0

2132010



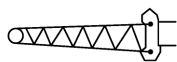
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
15	31,800											
20	31,800	28,400			31,700							
25	30,300	26,200			31,700	27,600			31,700			
30	27,600	24,300	21,200		30,400	25,900	22,000		31,700			
35	25,400	22,600	20,100	17,200	28,100	24,300	21,000	17,600	31,300	26,300		
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100	17,100	29,600	25,100	21,300	
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100	20,600	17,300
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	17,100
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	22,800	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	20,100	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	17,900	18,000	17,200	16,400
80					15,900	16,000	16,100		15,900	16,100	16,600	16,300
85									14,300	14,500	14,900	15,400
90									12,800	13,000	13,300	13,700
95									11,500	11,600	11,900	12,200
100									10,400	10,400	10,700	10,800
105									9,300	9,400	9,600	
110									8,400	8,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	15,600	15,600	15,700	16,300	8,200	8,200	8,300	8,500

2132020

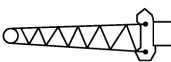


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
40	30,100							
45	29,000	24,900						
50	28,100	24,100	20,600		21,300			
55	25,900	23,400	20,000	17,100	21,300	21,300		
60	23,900	22,800	19,500	17,100	21,300	21,300		
65	22,000	21,900	19,000	17,100	19,700	19,700	19,300	
70	19,300	19,600	18,500	17,000	18,000	18,200	18,300	17,100
75	17,100	17,300	18,000	16,800	15,800	16,000	16,900	17,100
80	15,300	15,500	16,000	16,600	14,000	14,200	15,100	15,700
85	13,600	13,800	14,400	15,000	12,400	12,500	13,300	14,100
90	12,100	12,300	12,800	13,400	10,900	11,100	11,700	12,500
95	10,800	10,900	11,400	11,900	9,600	9,700	10,400	11,000
100	9,600	9,700	10,200	10,600	8,400	8,600	9,100	9,700
105	8,600	8,700	9,100	9,500	7,400	7,500	8,000	8,600
110	7,600	7,700	8,100	8,400	6,400	6,500	7,000	7,500
115	6,800	6,900	7,200	7,500	5,600	5,700	6,100	6,600
120	6,000	6,100	6,300	6,600	4,800	4,900	5,300	5,700
125	5,300	5,400	5,600	5,700	4,100	4,200	4,600	4,900
130	4,700	4,700	4,900	4,900	3,400	3,500	3,900	4,200
135	4,100	4,100	4,200		2,800	2,900	3,200	3,500
140	3,500	3,600	3,500		2,300	2,400	2,600	2,900
145					1,800	1,800	2,100	2,300
150					1,300	1,400	1,600	1,800
155							1,100	1,200
Min Angle	0.0	0.0	0.0	0.0	30.0	30.0	30.5	30.0
Max Rad.	142.3	142.4	142.0	140.1	153.8	154.0	156.3	157.0
Capacity	3,400	3,400	3,400	3,500	0	0	0	0

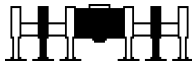
2132020



WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

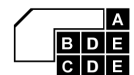
Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
55	19,300							
60	19,300	19,300			15,700			
65	19,300	19,300			15,700			
70	17,100	17,400	18,400		15,700	15,700		
75	15,100	15,400	16,100	17,100	14,200	14,500	15,500	
80	13,200	13,400	14,300	15,200	12,300	12,500	13,500	14,500
85	11,500	11,700	12,500	13,400	10,600	10,900	11,700	12,700
90	10,000	10,200	11,000	11,800	9,200	9,400	10,200	11,100
95	8,700	8,900	9,600	10,300	7,900	8,100	8,800	9,600
100	7,600	7,700	8,400	9,000	6,700	6,900	7,600	8,400
105	6,500	6,700	7,300	7,900	5,700	5,900	6,500	7,200
110	5,600	5,700	6,300	6,800	4,700	4,900	5,500	6,200
115	4,700	4,900	5,400	5,900	3,900	4,100	4,600	5,200
120	4,000	4,100	4,600	5,000	3,100	3,300	3,800	4,400
125	3,300	3,400	3,800	4,300	2,400	2,600	3,100	3,600
130	2,600	2,700	3,100	3,500	1,800	1,900	2,400	2,800
135	2,000	2,100	2,500	2,900	1,200	1,300	1,700	2,200
140	1,500	1,600	1,900	2,200			1,200	1,600
145		1,100	1,400	1,700				
150				1,100				
Min Angle	42.0	42.0	42.5	42.5	51.0	51.0	51.5	51.5
Max Rad.	145.0	146.0	149.0	151.0	137.0	138.0	141.7	145.0
Capacity	0	0	0	0	0	0	0	0

2132020



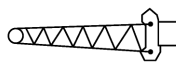
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	18,700											
25	16,900											
30	15,500	13,500			17,100							
35	14,200	12,500			16,000							
40	13,100	11,700			15,000	12,800			15,900			
45	12,200	11,000	9,800		14,100	12,100			15,100			
50	11,400	10,400	9,400	8,600	13,300	11,600	10,000		14,500	12,200		
55	10,700	9,800	9,000	8,300	12,600	11,000	9,600		13,800	11,800		
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300	8,400	13,200	11,400	9,700	
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000	8,200	12,700	11,000	9,500	
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600	9,200	8,300
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	8,200
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,100	8,100	7,700	7,500
125									7,300	7,400	7,600	7,500
130									6,700	6,800	7,100	7,400
135									6,100	6,200	6,400	6,500
140									5,500	5,600	5,800	
145									5,100	5,100	5,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	4,800	4,800	4,900	5,100

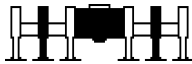
2132030



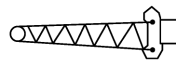
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	14,700							
55	14,200							
60	13,700	11,700			11,400			
65	13,300	11,400			11,400			
70	12,900	11,100	9,500		11,400			
75	12,500	10,800	9,300		11,400	11,000		
80	12,100	10,500	9,100	8,200	11,400	10,800		
85	11,800	10,300	9,000	8,100	11,400	10,500	9,200	
90	11,400	10,000	8,800	8,000	11,400	10,300	9,000	8,200
95	11,100	9,800	8,700	7,900	10,700	10,100	8,900	8,100
100	10,800	9,600	8,500	7,900	9,500	9,800	8,800	8,000
105	9,700	9,300	8,400	7,800	8,500	8,700	8,600	7,900
110	8,800	9,000	8,300	7,700	7,500	7,700	8,500	7,900
115	7,900	8,100	8,100	7,700	6,600	6,900	7,600	7,800
120	7,100	7,300	7,900	7,600	5,900	6,100	6,800	7,600
125	6,400	6,600	7,100	7,500	5,100	5,300	6,000	6,800
130	5,800	5,900	6,400	6,900	4,500	4,700	5,300	6,000
135	5,100	5,300	5,700	6,200	3,900	4,000	4,600	5,300
140	4,600	4,700	5,100	5,500	3,300	3,500	4,000	4,600
145	4,100	4,200	4,500	4,900	2,800	2,900	3,500	4,000
150	3,600	3,700	4,000	4,300	2,300	2,500	3,000	3,400
155	3,100	3,200	3,500	3,800	1,900	2,000	2,500	2,900
160	2,700	2,800	3,100	3,200	1,500	1,600	2,000	2,400
165	2,400	2,400	2,600	2,600	1,100	1,200	1,600	1,900
170	2,000	2,100	2,200				1,200	1,500
175	1,700	1,700	1,700					1,100
Min Angle	0.0	0.0	0.0	0.0	41.0	41.0	41.0	41.5
Max Rad.	179.4	179.4	178.7	175.4	166.3	167.5	172.5	176.3
Capacity	1,500	1,500	1,500	1,600	0	0	0	0

2132030

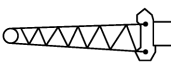


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
65	10,600							
70	10,600							
75	10,600				9,200			
80	10,600	10,600			9,200			
85	10,600	10,600			9,200	9,200		
90	10,600	10,400	9,100		9,200	9,200		
95	9,800	10,100	9,000		9,000	9,200		
100	8,700	9,000	8,900	8,100	7,800	8,100	8,900	
105	7,600	7,900	8,700	8,000	6,800	7,100	8,200	8,000
110	6,700	6,900	7,900	7,900	5,900	6,100	7,100	8,000
115	5,800	6,000	6,900	7,900	5,000	5,200	6,200	7,300
120	5,000	5,200	6,100	7,000	4,200	4,500	5,400	6,400
125	4,300	4,500	5,300	6,100	3,500	3,700	4,600	5,500
130	3,700	3,900	4,600	5,400	2,900	3,100	3,900	4,700
135	3,100	3,200	3,900	4,700	2,300	2,500	3,200	4,000
140	2,500	2,700	3,300	4,000	1,700	1,900	2,600	3,400
145	2,000	2,100	2,800	3,400	1,200	1,400	2,000	2,800
150	1,500	1,700	2,200	2,800			1,500	2,200
155	1,100	1,200	1,700	2,300				1,700
160			1,300	1,800				1,200
165				1,300				
Min Angle	49.0	49.5	50.0	50.0	56.0	56.0	57.0	57.0
Max Rad.	156.3	157.5	163.8	168.8	147.0	149.0	155.0	162.0
Capacity	0	0	0	0	0	0	0	0

2132030



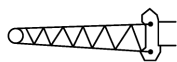
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	18,700											
25	16,900				17,900							
30	15,500	13,500			16,500							
35	14,200	12,500			15,300	13,100			16,600			
40	13,100	11,700			14,300	12,400			15,700			
45	12,200	11,000	9,800		13,300	11,700	10,100		14,900	12,600		
50	11,400	10,400	9,400	8,600	12,500	11,100	9,700		14,100	12,000		
55	10,700	9,800	9,000	8,300	11,800	10,500	9,300	8,500	13,400	11,500	9,900	
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000	8,300	12,800	11,100	9,600	
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	8,400
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	8,200
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									7,900	7,800	7,500	7,500
125									7,200	7,300	7,500	7,300
130									6,600	6,600	6,700	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	6,200	6,200	6,300	6,600

2132040

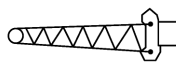


WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
45	15,500							
50	14,900							
55	14,300	12,100			14,200			
60	13,800	11,700			14,000			
65	13,200	11,300	9,700		13,600	11,600		
70	12,800	11,000	9,400		13,200	11,300		
75	12,300	10,600	9,200	8,300	12,800	11,000	9,500	
80	11,900	10,300	9,000	8,200	12,500	10,800	9,300	
85	11,500	10,100	8,800	8,000	12,200	10,500	9,100	8,200
90	11,100	9,800	8,700	7,900	11,800	10,300	9,000	8,100
95	10,800	9,500	8,500	7,900	10,400	10,100	8,800	8,000
100	10,400	9,300	8,400	7,800	9,300	9,500	8,700	7,900
105	9,500	9,100	8,200	7,700	8,200	8,400	8,600	7,900
110	8,600	8,800	8,100	7,700	7,200	7,500	8,300	7,800
115	7,700	7,900	8,000	7,600	6,400	6,600	7,400	7,800
120	6,900	7,100	7,600	7,500	5,600	5,800	6,500	7,300
125	6,200	6,400	6,900	7,400	4,900	5,100	5,800	6,500
130	5,600	5,700	6,100	6,600	4,200	4,400	5,000	5,700
135	5,000	5,100	5,500	5,900	3,600	3,800	4,400	5,000
140	4,400	4,500	4,900	5,200	3,100	3,200	3,800	4,300
145	3,900	4,000	4,300	4,500	2,600	2,700	3,200	3,700
150	3,400	3,500	3,700	3,800	2,100	2,200	2,700	3,100
155	3,000	3,000	3,200		1,600	1,800	2,200	2,600
160	2,600	2,600	2,700		1,200	1,300	1,700	2,100
165							1,300	1,600
170								1,100
Min Angle	0.0	0.0	0.0	0.0	36.5	36.5	36.5	37.0
Max Rad.	164.8	164.9	164.1	161.0	162.5	163.8	168.8	171.0
Capacity	2,300	2,300	2,300	2,500	0	0	0	0

2132040



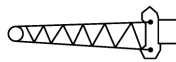
WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



63,600 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	13,100							
65	13,100							
70	13,100	11,400			11,300			
75	13,000	11,200			11,300			
80	12,700	10,900			11,300	11,000		
85	12,400	10,700	9,200		11,300	10,800		
90	10,900	10,500	9,100	8,200	10,000	10,300	9,200	
95	9,600	9,900	8,900	8,100	8,700	9,000	9,000	
100	8,400	8,700	8,800	8,000	7,500	7,800	8,900	8,100
105	7,300	7,600	8,600	7,900	6,500	6,800	7,900	8,000
110	6,400	6,600	7,600	7,900	5,500	5,800	6,800	7,900
115	5,500	5,800	6,700	7,600	4,700	4,900	5,900	7,000
120	4,800	5,000	5,800	6,700	3,900	4,100	5,100	6,000
125	4,100	4,300	5,000	5,800	3,200	3,400	4,300	5,200
130	3,400	3,600	4,300	5,100	2,500	2,800	3,600	4,400
135	2,800	3,000	3,600	4,400	1,900	2,100	2,900	3,700
140	2,200	2,400	3,000	3,700	1,400	1,600	2,300	3,000
145	1,700	1,900	2,500	3,100		1,100	1,700	2,400
150	1,300	1,400	1,900	2,500			1,200	1,800
155			1,500	2,000				1,300
160				1,400				
Min Angle	46.0	46.5	46.5	47.0	54.0	54.0	54.5	55.0
Max Rad.	153.0	154.0	160.0	165.0	144.0	146.0	152.0	158.0
Capacity	0	0	0	0	0	0	0	0

2132040



WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
10	218,300											
12	194,000											
15	164,800	135,200	167,400	166,500								
20	129,800	118,800	132,800	131,900	78,500	110,900	120,100	126,200				
25	97,100	103,500	102,300	100,900	69,500	97,700	103,700	101,200	64,500	62,300	90,300	92,200
30	70,700	76,700	75,600	74,300	62,300	79,100	77,200	75,000	57,700	55,800	79,300	76,900
35		59,800	58,700	57,500	56,400	62,100	60,300	58,300	52,100	50,500	62,600	60,200
40		48,100	47,200	46,000	51,100	50,300	48,600	46,800	47,600	46,000	51,000	48,700
45		39,600	38,700	37,600	42,600	41,800	40,200	38,300	43,600	42,200	42,400	40,300
50					36,000	35,300	33,700	31,900	37,200	36,600	35,900	33,800
55					30,900	30,200	28,600	26,900	32,000	31,500	30,800	28,700
60					26,800	26,100	24,500	22,800	27,900	27,300	26,700	24,600
65								19,400	24,500	23,900	23,200	21,200
70									21,600	21,000	20,400	18,400
75									19,200	18,600	17,900	15,900
80												13,900
Unpinned		82,400	79,600	76,600	78,500	80,700	77,600	74,400	64,500	62,300	78,700	75,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	56,100	34,600	33,100	31,500	24,500	23,400	21,300	19,000	17,800	17,000	16,200	13,700

2140010

⚠ WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



72,400 lbs



Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
30	73,800	48,100	62,600										
35	57,400	43,600	57,100	62,000	59,000	56,600							
40	46,100	39,700	52,400	50,400	47,500	45,400	40,200	51,700	38,600	49,200	46,800		
45	37,600	36,400	44,000	42,100	39,300	37,100	36,900	43,400	35,400	40,900	38,500	32,900	40,100
50	31,300	33,600	37,400	35,600	32,900	30,900	34,100	36,900	32,600	34,500	32,100	30,400	37,200
55	26,300	31,200	32,200	30,500	27,900	25,800	31,600	31,800	30,200	29,600	27,300	28,200	32,300
60	22,200	28,700	28,200	26,400	23,800	21,700	28,800	27,700	27,800	25,400	23,200	26,200	28,300
65	18,800	25,300	24,700	23,000	20,400	18,400	25,300	24,200	24,400	22,000	19,800	24,400	24,900
70	16,000	22,400	21,800	20,100	17,600	15,700	22,400	21,400	21,500	19,100	17,000	22,500	21,900
75	13,600	19,900	19,300	17,600	15,200	13,300	20,000	18,900	19,000	16,700	14,700	20,000	19,500
80	11,600	17,800	17,200	15,600	13,200	11,200	17,800	16,800	16,900	14,700	12,600	17,900	17,400
85		16,000	15,500	13,800	11,300	9,400	16,000	15,000	15,200	12,900	10,800	16,000	15,600
90		14,400	13,900	12,200	9,700	7,800	14,500	13,400	13,600	11,300	9,200	14,500	14,000
95				10,800	8,300	6,400	13,000	12,000	12,100	9,900	7,800	13,100	12,600
100							11,800	10,700	10,900	8,600	6,500	11,800	11,300
105							10,600	9,600	9,700	7,500	5,400	10,700	10,200
110										6,500	4,400	9,600	9,100
115												8,700	8,200
120												7,900	7,400
Unpinned	66,600	48,100	62,600	62,000	59,000	56,600	40,200	51,700	38,600	49,200	46,800	32,900	40,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	10,800	13,500	12,800	10,700	7,800	5,600	9,900	8,700	8,800	6,200	3,800	7,200	6,700

2140010



WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



72,400 lbs



Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
45	42,100	39,900									
50	35,600	33,500	36,200	28,400	34,700						
55	30,700	28,700	31,300	26,200	29,800						
60	26,600	24,600	27,200	24,300	25,700	23,400	26,000	26,300			
65	23,200	21,200	23,800	22,500	22,400	21,800	22,900	22,900	23,400	22,100	
70	20,300	18,400	20,900	20,800	19,500	20,300	20,100	20,100	20,800	19,300	
75	17,900	16,000	18,500	18,400	17,100	18,900	17,700	17,700	18,400	16,900	17,600
80	15,800	14,000	16,400	16,300	15,100	17,100	15,700	15,600	16,300	15,000	15,500
85	14,100	12,200	14,700	14,600	13,300	15,400	13,900	13,900	14,700	13,200	14,000
90	12,400	10,600	13,100	13,000	11,700	13,800	12,300	12,300	13,100	11,600	12,400
95	11,000	9,200	11,600	11,500	10,300	12,300	10,900	10,900	11,600	10,200	11,000
100	9,800	7,900	10,400	10,300	9,000	11,100	9,600	9,600	10,300	8,900	9,700
105	8,600	6,800	9,200	9,100	7,900	9,900	8,500	8,500	9,200	7,800	8,500
110	7,600	5,800	8,200	8,100	6,900	8,900	7,400	7,500	8,200	6,800	7,500
115	6,700	4,900	7,300	7,200	5,900	7,900	6,500	6,500	7,200	5,800	6,600
120	5,800	4,000	6,400	6,300	5,100	7,100	5,700	5,700	6,400	5,000	5,700
125	5,100	3,300	5,700	5,600	4,300	6,300	4,900	4,900	5,600	4,200	5,000
130			4,900	4,800	3,600	5,600	4,200	4,200	4,900	3,500	4,300
135			4,300	4,200	3,000	5,000	3,500	3,600	4,300	2,900	3,600
140			3,700	3,600	2,400	4,400	2,900	3,000	3,700	2,300	3,000
145						3,800	2,400	2,400	3,100	1,700	2,400
150						3,300	1,900	1,900	2,600	1,200	1,900
155						2,800	1,400	1,400	2,100		1,400
160									1,700		
165									1,200		
Unpinned	42,100	39,900	36,200	28,400	34,700	23,400	26,000	26,300	23,400	22,100	17,600
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	32.0	35.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	168.3	152.0	160.0
Capacity	4,900	2,900	3,600	3,500	2,200	2,800	1,300	1,300	0	0	0

2140010



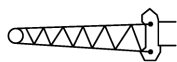
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
10	75,000											
12	75,000											
15	75,000		75,000		75,000		75,000					
20	75,000	54,000	75,000		75,000		75,000				75,000	
25	75,000	51,700	75,000	54,000	75,000	54,100	75,000	54,200	61,700		75,000	
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900	48,700	75,000	53,800
35	58,200	49,800	61,200	50,800	60,200	50,900	59,100	51,000	49,200	44,600	62,200	52,300
40	46,900	46,900	49,600	49,600	48,800	48,800	47,700	47,700	44,800	40,900	50,600	50,600
45			41,300	41,300	40,400	40,400	39,400	39,400	40,800	37,800	42,200	42,200
50			34,900	34,900	34,000	34,000	33,100	33,100	36,500	35,100	35,800	35,800
55			29,900	29,900	29,100	29,100	28,100	28,100	31,500	31,500	30,800	30,800
60									27,400	27,400	26,700	26,700
65									24,000	24,000	23,400	23,400
70									21,200	21,200	20,600	20,600
Unpinned			75,000	54,000	75,000	54,100	75,000	54,200	61,700	48,700	75,000	53,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	39,900	39,900	26,900	26,900	25,700	25,700	24,500	24,500	19,700	19,700	18,800	18,800

2143010



WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
20	75,000											
25	75,000		75,000									
30	75,000	54,000	75,000	54,200	53,300		52,100		75,000		75,000	
35	60,500	52,500	58,600	52,700	47,800	44,600	46,700	43,700	62,100	53,400	59,800	53,700
40	49,000	49,000	47,300	47,300	43,500	40,700	42,400	39,800	50,500	50,500	48,300	48,300
45	40,700	40,700	39,000	39,000	39,700	37,400	38,700	36,600	42,200	42,200	40,100	40,100
50	34,300	34,300	32,700	32,700	36,400	34,500	35,400	33,800	35,700	35,700	33,700	33,700
55	29,400	29,400	27,700	27,700	31,900	31,900	31,400	31,300	30,800	30,800	28,800	28,800
60	25,300	25,300	23,700	23,700	27,900	27,900	27,400	27,400	26,700	26,700	24,800	24,800
65	22,000	22,000	20,400	20,400	24,500	24,500	24,000	24,000	23,300	23,300	21,400	21,400
70	19,200	19,200	17,600	17,600	21,700	21,700	21,100	21,100	20,500	20,500	18,600	18,600
75			15,400	15,400	19,200	19,200	18,700	18,700	18,100	18,100	16,300	16,300
80					17,200	17,200	16,600	16,600	16,000	16,000	14,300	14,300
85					15,400	15,400	14,900	14,900	14,300	14,300	12,500	12,500
90											11,000	11,000
Unpinned	75,000	54,000	74,400	54,200	53,300	44,600	52,100	43,700	75,000	53,400	75,000	53,700
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	17,100	17,100	15,200	15,200	14,400	14,400	13,800	13,800	13,000	13,000	10,900	10,900

2143020



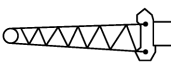
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	73,500											
35	57,100	54,000	40,900		52,700		61,200		58,300		56,000	
40	45,900	45,900	37,000	35,200	48,000	44,000	49,700	49,700	47,000	47,000	44,800	44,800
45	37,600	37,600	33,700	32,200	43,200	40,800	41,400	41,400	38,700	38,700	36,600	36,600
50	31,400	31,400	30,900	30,000	36,700	36,700	35,000	35,000	32,400	32,400	30,500	30,500
55	26,500	26,500	28,700	27,800	31,700	31,700	30,100	30,100	27,600	27,600	25,600	25,600
60	22,500	22,500	26,600	25,800	27,700	27,700	26,000	26,000	23,500	23,500	21,600	21,600
65	19,200	19,200	24,700	24,100	24,300	24,300	22,600	22,600	20,200	20,200	18,300	18,300
70	16,400	16,400	22,000	22,000	21,500	21,500	19,800	19,800	17,500	17,500	15,700	15,700
75	14,200	14,200	19,600	19,600	19,000	19,000	17,400	17,400	15,200	15,200	13,300	13,300
80	12,100	12,100	17,500	17,500	17,000	17,000	15,500	15,500	13,200	13,200	11,300	11,300
85	10,400	10,400	15,800	15,800	15,200	15,200	13,700	13,700	11,400	11,400	9,600	9,600
90	8,900	8,900	14,200	14,200	13,700	13,700	12,100	12,100	9,800	9,800	8,000	8,000
95			12,800	12,800	12,300	12,300	10,700	10,700	8,400	8,400	6,700	6,700
100			11,500	11,500	11,000	11,000	9,500	9,500	7,200	7,200	5,500	5,500
105							8,400	8,400	6,200	6,200	4,400	4,400
Unpinned	66,600	54,000	40,900	35,200	52,700	44,000	61,200	49,700	58,300	47,000	56,000	44,800
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	8,400	8,400	10,900	10,900	10,200	10,200	8,400	8,400	5,800	5,800	3,800	3,800

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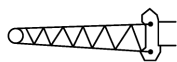
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
40	38,000		50,700		36,600		48,200	48,200	46,000	46,000		
45	34,700	33,500	42,400	42,400	33,400	32,400	40,000	40,000	37,700	37,700	31,100	
50	31,900	30,900	35,900	35,900	30,600	29,900	33,600	33,600	31,500	31,500	28,700	
55	29,600	28,800	31,000	31,000	28,300	27,700	28,800	28,800	26,600	26,600	26,500	25,900
60	27,500	26,800	26,900	26,900	26,200	25,600	24,700	24,700	22,600	22,600	24,500	24,000
65	24,600	24,600	23,600	23,600	23,700	23,700	21,400	21,400	19,300	19,300	22,700	22,400
70	21,800	21,800	20,700	20,700	20,900	20,900	18,600	18,600	16,500	16,500	21,100	20,800
75	19,300	19,300	18,300	18,300	18,500	18,500	16,200	16,200	14,300	14,300	19,100	19,100
80	17,300	17,300	16,300	16,300	16,400	16,400	14,300	14,300	12,300	12,300	17,100	17,100
85	15,600	15,600	14,600	14,600	14,700	14,700	12,500	12,500	10,500	10,500	15,400	15,400
90	14,000	14,000	13,000	13,000	13,100	13,100	11,000	11,000	9,000	9,000	13,800	13,800
95	12,600	12,600	11,600	11,600	11,700	11,700	9,600	9,600	7,600	7,600	12,400	12,400
100	11,300	11,300	10,300	10,300	10,500	10,500	8,300	8,300	6,400	6,400	11,100	11,100
105	10,200	10,200	9,200	9,200	9,400	9,400	7,200	7,200	5,300	5,300	10,000	10,000
110	9,200	9,200	8,200	8,200	8,400	8,400	6,200	6,200	4,300	4,300	9,000	9,000
115	8,300	8,300	7,300	7,300	7,500	7,500	5,400	5,400	3,400	3,400	8,100	8,100
120							4,600	4,600	2,600	2,600	7,300	7,300
125											6,500	6,500
130											5,800	5,800
Unpinned	38,000	33,500	50,700	42,400	36,600	32,400	48,200	48,200	46,000	46,000	31,100	25,900
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	7,700	7,700	6,600	6,600	6,700	6,700	4,400	4,400	2,200	2,200	5,300	5,300

2143010



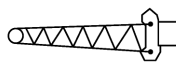
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
45	37,800		41,000	41,000	38,900	38,900						
50	34,900		34,600	34,600	32,600	32,600						
55	31,400	31,000	29,700	29,700	27,800	27,800	30,200	30,200	24,700		28,700	28,700
60	27,300	27,300	25,600	25,600	23,700	23,700	26,100	26,100	22,800	22,600	24,700	24,700
65	23,900	23,900	22,300	22,300	20,400	20,400	22,700	22,700	21,000	20,900	21,300	21,300
70	21,100	21,100	19,500	19,500	17,600	17,600	19,900	19,900	19,500	19,400	18,500	18,500
75	18,700	18,700	17,100	17,100	15,400	15,400	17,500	17,500	17,400	17,400	16,200	16,200
80	16,600	16,600	15,200	15,200	13,400	13,400	15,600	15,600	15,500	15,500	14,300	14,300
85	14,900	14,900	13,400	13,400	11,600	11,600	13,800	13,800	13,700	13,700	12,500	12,500
90	13,300	13,300	11,800	11,800	10,100	10,100	12,200	12,200	12,100	12,100	10,900	10,900
95	11,900	11,900	10,400	10,400	8,700	8,700	10,800	10,800	10,800	10,800	9,600	9,600
100	10,700	10,700	9,200	9,200	7,500	7,500	9,600	9,600	9,500	9,500	8,300	8,300
105	9,600	9,600	8,100	8,100	6,400	6,400	8,500	8,500	8,400	8,400	7,200	7,200
110	8,500	8,500	7,100	7,100	5,400	5,400	7,500	7,500	7,400	7,400	6,200	6,200
115	7,600	7,600	6,200	6,200	4,500	4,500	6,600	6,600	6,500	6,500	5,300	5,300
120	6,800	6,800	5,300	5,300	3,600	3,600	5,700	5,700	5,700	5,700	4,500	4,500
125	6,100	6,100	4,600	4,600	2,900	2,900	5,000	5,000	4,900	4,900	3,700	3,700
130	5,400	5,400	3,900	3,900	2,200	2,200	4,300	4,300	4,200	4,200	3,100	3,100
135			3,300	3,300	1,600	1,600	3,700	3,700	3,600	3,600	2,400	2,400
140							3,100	3,100	3,000	3,000	1,800	1,800
145							2,600	2,600	2,500	2,500	1,300	1,300
150							2,100	2,100	2,000	2,000		
Unpinned	37,800	31,000	41,000	41,000	38,900	38,900	30,200	30,200	24,700	22,600	28,700	28,700
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	148.0	148.0
Capacity	4,800	4,800	3,200	3,200	1,400	1,400	2,000	2,000	1,900	1,900	0	0

2143020

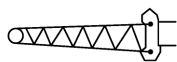
⚠ WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



72,400 lbs



360°

Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
60	22,000		24,500		25,100	25,100						
65	20,300	20,300	21,700	21,700	21,800	21,800						
70	18,800	18,800	18,900	18,900	19,000	19,000	19,600	19,600	18,100	18,100		
75	17,400	17,400	16,600	16,600	16,600	16,600	17,200	17,200	15,700	15,700	16,400	16,400
80	16,000	16,000	14,700	14,700	14,700	14,700	15,300	15,300	13,900	13,900	14,500	14,500
85	14,300	14,300	12,900	12,900	13,000	13,000	13,500	13,500	12,100	12,100	12,800	12,800
90	12,800	12,800	11,300	11,300	11,400	11,400	12,000	12,000	10,600	10,600	11,200	11,200
95	11,400	11,400	10,000	10,000	10,000	10,000	10,600	10,600	9,200	9,200	9,800	9,800
100	10,100	10,100	8,700	8,700	8,800	8,800	9,300	9,300	7,900	7,900	8,600	8,600
105	9,000	9,000	7,600	7,600	7,700	7,700	8,200	8,200	6,800	6,800	7,500	7,500
110	8,000	8,000	6,600	6,600	6,700	6,700	7,200	7,200	5,800	5,800	6,500	6,500
115	7,100	7,100	5,700	5,700	5,800	5,800	6,300	6,300	4,900	4,900	5,600	5,600
120	6,300	6,300	4,900	4,900	4,900	4,900	5,500	5,500	4,100	4,100	4,700	4,700
125	5,500	5,500	4,100	4,100	4,200	4,200	4,700	4,700	3,400	3,400	4,000	4,000
130	4,800	4,800	3,400	3,400	3,500	3,500	4,000	4,000	2,700	2,700	3,300	3,300
135	4,200	4,200	2,800	2,800	2,800	2,800	3,400	3,400	2,100	2,100	2,700	2,700
140	3,600	3,600	2,200	2,200	2,300	2,300	2,800	2,800	1,500	1,500	2,100	2,100
145	3,000	3,000	1,700	1,700	1,700	1,700	2,300	2,300			1,500	1,500
150	2,500	2,500	1,200	1,200	1,200	1,200	1,700	1,700				
155	2,100	2,100					1,300	1,300				
160	1,600	1,600										
165	1,300	1,200										
Unpinned	22,000	20,300	24,500	21,700	25,100	25,100	19,600	19,600	18,100	18,100	16,400	16,400
Min Angle	0.0	0.0	26.0	26.0	26.5	26.5	31.5	31.5	41.0	41.0	43.5	43.5
Max Rad.	166.1	166.1	152.0	152.0	152.5	152.5	158.0	158.0	144.2	144.2	150.0	150.0
Capacity	1,200	1,200	0	0	0	0	0	0	0	0	0	0

2143010



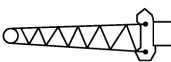
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	31,800											
25	30,300	26,200										
30	27,600	24,300			31,700							
35	25,400	22,600	20,100		30,000							
40	23,400	21,200	19,000	17,100	28,100	24,200						
45	21,800	19,900	18,000	16,800	26,500	23,000	20,000		28,600			
50	20,300	18,700	17,300	16,500	25,000	22,000	19,200	17,100	27,500	23,700		
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000	25,400	22,900	19,600	
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500	22,000	19,000	17,100
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300	18,500	17,000
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	16,800
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					16,600	16,700	16,400	16,300	16,500	16,600	16,400	16,300
90					15,100	15,100	15,300		15,000	15,100	15,500	15,400
95					13,700	13,700			13,600	13,700	14,100	14,500
100									12,300	12,400	12,700	13,100
105									11,200	11,300	11,600	11,800
110									10,200	10,200	10,500	10,700
115									9,200	9,300	9,500	9,500
120									8,400	8,500	8,600	
125									7,700	7,700		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	13,500	13,500	13,600	14,100	7,600	7,600	7,700	7,800

2142010

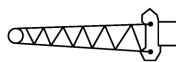
⚠ WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	22,500							
65	20,900	20,700						
70	19,400	19,200	18,600					
75	18,000	17,900	17,800	16,900	16,200			
80	17,000	16,900	16,900	16,700	15,300	15,300		
85	15,700	15,800	15,800	15,800	14,200	14,300	14,400	
90	14,200	14,400	14,800	14,800	13,000	13,200	13,400	13,500
95	12,800	13,000	13,500	14,000	11,600	11,800	12,400	12,600
100	11,600	11,700	12,200	12,600	10,400	10,500	11,100	11,700
105	10,400	10,500	11,000	11,400	9,200	9,400	9,900	10,500
110	9,400	9,500	9,900	10,300	8,200	8,300	8,800	9,400
115	8,500	8,600	8,900	9,300	7,300	7,400	7,900	8,300
120	7,600	7,700	8,000	8,300	6,500	6,600	7,000	7,400
125	6,900	7,000	7,200	7,500	5,700	5,800	6,200	6,600
130	6,200	6,200	6,500	6,700	5,000	5,100	5,500	5,800
135	5,500	5,600	5,800	6,000	4,300	4,400	4,800	5,100
140	4,900	5,000	5,200	5,200	3,800	3,800	4,100	4,400
145	4,400	4,400	4,600		3,200	3,300	3,600	3,800
150	3,900	3,900	4,000		2,700	2,800	3,000	3,200
155	3,500	3,500			2,200	2,300	2,500	2,700
160					1,800	1,800	2,000	2,200
165					1,400	1,400	1,600	1,700
170							1,200	1,200
Min Angle	0.0	0.0	0.0	0.0	28.5	29.0	28.5	29.0
Max Rad.	156.9	156.9	156.6	154.6	170.0	170.0	172.5	172.0
Capacity	3,300	3,300	3,400	3,400	0	0	0	0

2142010

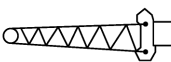


WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
80	14,800							
85	13,800	14,000						
90	12,200	12,400	13,100		11,400			
95	10,800	11,000	11,600	12,400	10,000	10,200		
100	9,500	9,700	10,300	11,000	8,700	8,900	9,600	
105	8,400	8,600	9,100	9,800	7,600	7,800	8,400	9,100
110	7,400	7,500	8,100	8,700	6,600	6,800	7,400	8,000
115	6,500	6,600	7,100	7,700	5,700	5,800	6,400	7,000
120	5,600	5,800	6,200	6,700	4,800	5,000	5,500	6,100
125	4,900	5,000	5,400	5,900	4,100	4,200	4,700	5,200
130	4,200	4,300	4,700	5,100	3,400	3,500	4,000	4,500
135	3,500	3,600	4,000	4,400	2,800	2,900	3,300	3,800
140	2,900	3,000	3,400	3,800	2,200	2,300	2,700	3,100
145	2,400	2,500	2,800	3,100	1,600	1,700	2,100	2,500
150	1,900	2,000	2,300	2,600	1,100	1,200	1,600	1,900
155	1,400	1,500	1,800	2,000			1,100	1,400
160			1,300	1,500				
165				1,100				
Min Angle	41.0	41.5	41.5	41.5	50.0	50.0	50.0	50.5
Max Rad.	160.0	160.0	163.8	166.0	151.0	152.0	156.0	159.0
Capacity	0	0	0	0	0	0	0	0

2142010



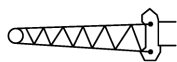
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
20	31,800											
25	30,300	26,200			31,700							
30	27,600	24,300			30,400	25,900						
35	25,400	22,600	20,100		28,100	24,300						
40	23,400	21,200	19,000	17,100	26,200	23,000	20,100		29,600			
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200	17,100	28,100	24,100		
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700	23,100	19,900	
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200	19,200	17,100
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	17,000
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	20,000	19,100	17,200	16,400
80					16,800	16,500	16,400		17,900	18,100	17,100	16,300
85									16,100	16,200	16,700	16,300
90									14,600	14,700	15,100	15,500
95									13,200	13,300	13,600	13,900
100									11,900	12,000	12,200	12,400
105									10,800	10,900	11,000	
110									9,800	9,900		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	9,600	9,600	9,700	10,000

2142020

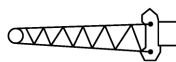


WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
50	28,100							
55	25,900							
60	23,900	22,800						
65	22,200	21,900	19,000		19,700			
70	20,600	20,400	18,500	17,000	18,200	18,200		
75	19,200	19,000	18,100	16,800	17,000	17,000		
80	17,100	17,300	17,600	16,600	15,800	15,800	15,900	16,000
85	15,500	15,600	16,100	16,500	14,200	14,400	14,800	14,900
90	13,900	14,000	14,600	15,100	12,600	12,800	13,500	13,900
95	12,400	12,600	13,100	13,600	11,200	11,400	12,000	12,700
100	11,200	11,300	11,700	12,200	10,000	10,100	10,700	11,300
105	10,000	10,200	10,600	10,900	8,800	9,000	9,500	10,000
110	9,000	9,100	9,500	9,800	7,800	7,900	8,400	8,900
115	8,100	8,200	8,500	8,800	6,900	7,000	7,500	7,900
120	7,300	7,300	7,600	7,800	6,100	6,200	6,600	7,000
125	6,500	6,600	6,800	7,000	5,300	5,400	5,800	6,100
130	5,800	5,900	6,100	6,100	4,600	4,700	5,000	5,400
135	5,200	5,200	5,400		4,000	4,000	4,400	4,600
140	4,600	4,600	4,600		3,400	3,400	3,700	4,000
145					2,800	2,900	3,100	3,300
150					2,300	2,400	2,600	2,800
155					1,800	1,900	2,100	2,200
160					1,400	1,500	1,600	
165							1,200	
Min Angle	0.0	0.0	0.0	0.0	21.0	21.5	20.5	21.0
Max Rad.	142.3	142.4	142.0	140.1	165.0	165.0	167.0	165.0
Capacity	4,400	4,400	4,500	4,600	0	0	0	0

2142020



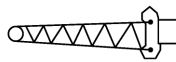
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
75	17,000							
80	15,200	15,400			14,300			
85	13,300	13,600	14,400		12,500	12,700		
90	11,800	12,000	12,700	13,500	10,900	11,100		
95	10,400	10,500	11,200	12,000	9,500	9,700	10,500	11,300
100	9,100	9,300	9,900	10,600	8,300	8,500	9,200	9,900
105	8,000	8,200	8,700	9,400	7,200	7,300	8,000	8,700
110	7,000	7,100	7,700	8,200	6,100	6,300	6,900	7,600
115	6,100	6,200	6,700	7,200	5,200	5,400	6,000	6,600
120	5,200	5,400	5,800	6,300	4,400	4,600	5,100	5,600
125	4,500	4,600	5,000	5,500	3,700	3,800	4,300	4,800
130	3,800	3,900	4,300	4,700	3,000	3,100	3,500	4,000
135	3,100	3,200	3,600	4,000	2,300	2,400	2,900	3,300
140	2,600	2,600	3,000	3,300	1,700	1,800	2,200	2,600
145	2,000	2,100	2,400	2,700	1,200	1,300	1,700	2,000
150	1,500	1,600	1,900	2,100			1,100	1,500
155		1,100	1,400	1,600				
160				1,100				
Min Angle	37.5	37.0	37.5	37.5	47.5	47.5	48.0	48.0
Max Rad.	155.0	156.3	159.0	161.0	147.0	148.0	151.0	154.2
Capacity	0	0	0	0	0	0	0	0

2142020



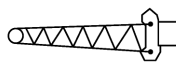
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
30	15,500											
35	14,200											
40	13,100	11,700			15,000							
45	12,200	11,000			14,100							
50	11,400	10,400	9,400		13,300	11,600						
55	10,700	9,800	9,000		12,600	11,000			13,800			
60	10,100	9,300	8,600	8,100	12,000	10,600	9,300		13,200			
65	9,500	8,900	8,300	7,900	11,400	10,100	9,000		12,700	11,000		
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700	8,100	12,200	10,600		
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500	7,900	11,700	10,300	9,000	
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000	8,800	8,000
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	7,900
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	7,800
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									7,900	7,800	7,500	7,500
135									7,200	7,300	7,500	7,500
140									6,600	6,700	6,900	
145									6,100	6,100	6,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	5,800	5,800	5,900	6,100

2142030



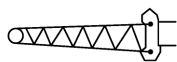
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
65	13,300							
70	12,900							
75	12,500	10,800						
80	12,100	10,500						
85	11,800	10,300	9,000		11,400			
90	11,400	10,000	8,800		11,400			
95	11,100	9,800	8,700	7,900	11,400	10,100		
100	10,800	9,600	8,500	7,900	11,100	9,900		
105	10,500	9,300	8,400	7,800	9,900	9,800	8,600	
110	10,200	9,100	8,300	7,700	8,900	9,100	8,500	7,900
115	9,300	9,000	8,100	7,700	8,000	8,200	8,400	7,800
120	8,400	8,600	8,000	7,600	7,100	7,300	8,100	7,800
125	7,600	7,800	7,900	7,500	6,400	6,500	7,200	7,700
130	6,900	7,100	7,600	7,500	5,700	5,800	6,500	7,200
135	6,300	6,400	6,800	7,300	5,000	5,200	5,800	6,400
140	5,700	5,800	6,200	6,600	4,400	4,600	5,100	5,700
145	5,100	5,200	5,600	5,900	3,800	4,000	4,500	5,100
150	4,600	4,700	5,000	5,300	3,300	3,500	4,000	4,500
155	4,100	4,200	4,500	4,700	2,900	3,000	3,400	3,900
160	3,700	3,700	4,000	4,100	2,400	2,500	2,900	3,300
165	3,300	3,300	3,500	3,500	2,000	2,100	2,500	2,800
170	2,900	2,900	3,100		1,600	1,700	2,000	2,400
175	2,500	2,600	2,600		1,200	1,300	1,600	1,900
180							1,300	1,500
185								1,100
Min Angle	0.0	0.0	0.0	0.0	35.5	35.5	36.0	35.5
Max Rad.	179.4	179.4	178.7	175.4	178.3	180.0	183.8	186.0
Capacity	2,300	2,300	2,300	2,500	0	0	0	0

2142030

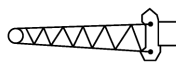


WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
90	10,600							
95	10,600							
100	10,200	10,100			9,200			
105	9,100	9,400			8,300			
110	8,100	8,300	8,600		7,300	7,500		
115	7,100	7,400	8,300		6,300	6,600		
120	6,300	6,500	7,300	7,800	5,500	5,700	6,600	
125	5,500	5,700	6,500	7,400	4,700	5,000	5,800	6,700
130	4,800	5,000	5,800	6,500	4,000	4,200	5,000	5,900
135	4,200	4,400	5,000	5,800	3,400	3,600	4,300	5,200
140	3,600	3,800	4,400	5,100	2,800	3,000	3,700	4,500
145	3,000	3,200	3,800	4,400	2,200	2,400	3,100	3,800
150	2,500	2,700	3,200	3,800	1,700	1,900	2,500	3,200
155	2,000	2,200	2,700	3,200	1,200	1,400	2,000	2,600
160	1,600	1,700	2,200	2,700			1,500	2,100
165	1,200	1,300	1,800	2,200			1,100	1,600
170			1,300	1,700				1,100
175				1,300				
Min Angle	45.5	45.5	46.0	46.0	53.0	53.5	53.5	54.0
Max Rad.	167.5	168.8	173.8	178.8	157.5	159.0	166.0	171.3
Capacity	0	0	0	0	0	0	0	0

2142030



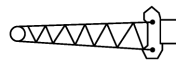
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
30	15,500											
35	14,200				15,300							
40	13,100	11,700			14,300							
45	12,200	11,000			13,300	11,700			14,900			
50	11,400	10,400	9,400		12,500	11,100			14,100			
55	10,700	9,800	9,000		11,800	10,500	9,300		13,400	11,500		
60	10,100	9,300	8,600	8,100	11,100	10,000	9,000		12,800	11,100		
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700	8,100	12,200	10,700	9,300	
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300	9,000	
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900	8,800	8,100
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	7,900
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,300	7,300	7,400	7,500

2142040



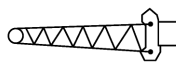
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
60	13,800							
65	13,200							
70	12,800	11,000						
75	12,300	10,600			12,800			
80	11,900	10,300	9,000		12,500			
85	11,500	10,100	8,800	8,000	12,200	10,500		
90	11,100	9,800	8,700	7,900	11,800	10,300		
95	10,800	9,500	8,500	7,900	11,500	10,100	8,800	
100	10,400	9,300	8,400	7,800	10,800	9,900	8,700	7,900
105	10,100	9,100	8,200	7,700	9,700	9,700	8,600	7,900
110	9,800	8,900	8,100	7,700	8,600	8,900	8,400	7,800
115	9,100	8,700	8,000	7,600	7,700	7,900	8,300	7,800
120	8,200	8,400	7,900	7,500	6,900	7,100	7,800	7,700
125	7,400	7,600	7,800	7,500	6,100	6,300	7,000	7,600
130	6,700	6,900	7,300	7,400	5,400	5,600	6,200	6,900
135	6,100	6,200	6,600	7,000	4,800	4,900	5,500	6,100
140	5,500	5,600	5,900	6,300	4,200	4,300	4,800	5,400
145	4,900	5,000	5,300	5,600	3,600	3,700	4,200	4,700
150	4,400	4,500	4,700	4,800	3,100	3,200	3,700	4,100
155	4,000	4,000	4,200		2,600	2,700	3,100	3,500
160	3,500	3,600	3,600		2,200	2,300	2,700	3,000
165					1,800	1,800	2,200	2,500
170					1,400	1,500	1,800	2,000
175						1,100	1,300	1,500
Min Angle	0.0	0.0	0.0	0.0	30.0	29.5	30.0	30.0
Max Rad.	164.8	164.9	164.1	161.0	175.0	176.3	180.0	179.2
Capacity	3,200	3,200	3,300	3,400	0	0	0	0

2142040



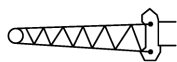
WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



72,400 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
85	12,400							
90	12,100	10,500						
95	11,200	10,300			10,300			
100	9,900	10,100	8,800		9,100			
105	8,800	9,100	8,700		7,900	8,200		
110	7,800	8,000	8,600	7,900	6,900	7,200	8,200	
115	6,900	7,100	8,000	7,800	6,000	6,300	7,200	
120	6,000	6,300	7,100	7,800	5,200	5,400	6,300	7,300
125	5,300	5,500	6,200	7,100	4,400	4,600	5,500	6,400
130	4,600	4,800	5,500	6,200	3,700	3,900	4,700	5,600
135	3,900	4,100	4,800	5,500	3,100	3,300	4,000	4,800
140	3,300	3,500	4,100	4,800	2,500	2,700	3,400	4,100
145	2,800	2,900	3,500	4,100	1,900	2,100	2,800	3,500
150	2,300	2,400	2,900	3,500	1,400	1,600	2,200	2,900
155	1,800	1,900	2,400	2,900		1,100	1,700	2,300
160	1,300	1,500	1,900	2,400			1,200	1,700
165			1,500	1,900				1,200
170				1,400				
Min Angle	42.0	42.0	42.5	43.0	51.0	50.5	51.5	51.5
Max Rad.	163.8	165.0	170.0	174.0	154.0	156.0	162.0	167.5
Capacity	0	0	0	0	0	0	0	0

2142040



WARNING

Do Not Raise Boom Above 72° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



81,200 lbs



Bm Length	42.7 ft	57.3 ft	57.8 ft	58.2 ft	71.9 ft	72.3 ft	73.2 ft	74.1 ft	86.9 ft	87.4 ft	87.8 ft	89.1 ft
Ext Mode	ALL	EM2, EM5	EM6	EM7	EM1, EM3, EM4	EM5	EM6	EM7	EM4	EM2	EM5	EM6
Radius (ft)												
15	167,300											
20	131,800	118,800	134,800	133,900								
25	105,600	106,000	110,500	109,500								
30	77,300	83,200	82,100	80,800	62,300	85,600	83,700	81,500				
35		65,100	64,000	62,900	56,400	67,400	65,600	63,600	52,100	50,500	67,900	65,500
40		52,600	51,600	50,500	51,500	54,900	53,200	51,200	47,600	46,000	55,500	53,200
45		43,500	42,600	41,500	46,500	45,700	44,100	42,200	43,600	42,200	46,400	44,200
50					39,500	38,700	37,100	35,300	40,300	39,000	39,300	37,200
55					34,000	33,200	31,700	29,900	35,100	34,500	33,800	31,700
60					29,600	28,800	27,300	25,500	30,700	30,100	29,400	27,400
65								21,900	27,000	26,500	25,800	23,800
70									24,000	23,400	22,700	20,700
75									21,300	20,800	20,100	18,100
80												15,900
Unpinned		82,400	79,600	76,600	62,300	80,700	77,600	74,400	52,100	50,500	67,900	65,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	48.8	49.2	49.7	63.3	63.8	64.7	65.5	78.4	78.8	79.2	80.6
Capacity	58,400	38,100	36,600	35,000	27,100	26,000	23,900	21,500	19,800	19,100	18,200	15,700

2150010

⚠ WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



81,200 lbs



Bm Length	90.4 ft	101.9 ft	102.4 ft	103.7 ft	105.4 ft	106.7 ft	117.4 ft	118.3 ft	118.3 ft	120.0 ft	121.8 ft	132.9 ft	133.3 ft
Ext Mode	EM7	EM1, EM3	EM4	EM5	EM6	EM7	EM3	EM4	EM2	EM5	EM6	EM1	EM3
Radius (ft)													
35	62,700												
40	50,500	39,700	52,500	55,000									
45	41,600	36,400	47,800	46,000	43,200	41,000							
50	34,700	33,600	40,900	39,000	36,300	34,200	34,100	40,300	32,600	37,900	35,600		
55	29,300	31,200	35,300	33,500	31,000	28,900	31,600	34,800	30,200	32,500	30,400		
60	25,000	29,000	30,900	29,200	26,600	24,500	29,500	30,500	28,000	28,200	26,000	26,200	31,100
65	21,400	27,100	27,200	25,500	22,900	20,900	27,500	26,800	26,100	24,500	22,300	24,400	27,400
70	18,300	24,700	24,100	22,400	19,900	17,900	24,800	23,700	23,800	21,500	19,300	22,800	24,300
75	15,800	22,100	21,500	19,800	17,300	15,400	22,100	21,100	21,200	18,900	16,700	21,400	21,600
80	13,600	19,800	19,200	17,600	15,200	13,200	19,900	18,800	18,900	16,600	14,600	19,900	19,400
85		17,900	17,300	15,700	13,200	11,300	17,900	16,800	17,000	14,800	12,700	17,900	17,400
90		16,100	15,600	14,000	11,500	9,600	16,200	15,200	15,300	13,100	11,000	16,200	15,800
95				12,400	10,000	8,100	14,700	13,700	13,800	11,500	9,500	14,700	14,300
100							13,300	12,300	12,500	10,200	8,100	13,400	12,900
105							12,100	11,100	11,200	9,000	6,900	12,100	11,700
110										7,900	5,800	11,000	10,600
115												10,000	9,600
120												9,100	8,700
Unpinned	62,700	39,700	52,500	55,000	43,200	41,000	34,100	40,300	32,600	37,900	35,600	26,200	31,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	81.9	93.4	93.8	95.1	96.9	98.2	108.8	109.7	109.7	111.5	113.2	124.3	124.7
Capacity	12,800	15,200	14,500	12,400	9,500	7,200	11,300	10,100	10,200	7,600	5,200	8,500	7,900

2150010



WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



81,200 lbs



Bm Length	135.0 ft	136.3 ft	150.0 ft	150.1 ft	150.9 ft	164.6 ft	165.0 ft	165.9 ft	180.0 ft	182.7 ft	197.3 ft
Ext Mode	EM4	EM5	EM3	EM2	EM4	EM1	EM2	EM3	EM1	EM2	EM1
Radius (ft)											
55	33,600										
60	29,400	27,400									
65	25,700	23,800	26,300	22,500	24,900						
70	22,700	20,700	23,300	21,000	21,900						
75	20,000	18,100	20,600	19,500	19,300	18,900	19,800	19,900			
80	17,800	15,900	18,400	18,300	17,000	17,700	17,600	17,600	18,300		
85	15,800	14,100	16,400	16,300	15,200	16,600	15,700	15,700	16,400	15,100	
90	14,200	12,400	14,800	14,700	13,500	15,500	14,100	14,100	14,800	13,400	14,100
95	12,700	10,900	13,300	13,200	12,000	14,000	12,500	12,600	13,300	11,900	12,600
100	11,300	9,500	11,900	11,800	10,600	12,600	11,200	11,200	11,900	10,500	11,300
105	10,100	8,300	10,700	10,600	9,400	11,400	9,900	10,000	10,700	9,300	10,000
110	9,000	7,200	9,600	9,500	8,300	10,300	8,800	8,900	9,600	8,200	8,900
115	8,000	6,200	8,600	8,500	7,300	9,300	7,900	7,900	8,600	7,200	7,900
120	7,100	5,300	7,700	7,600	6,400	8,400	7,000	7,000	7,700	6,300	7,000
125	6,300	4,500	6,900	6,800	5,600	7,600	6,100	6,200	6,900	5,500	6,200
130			6,100	6,000	4,800	6,800	5,400	5,400	6,100	4,700	5,400
135			5,400	5,300	4,100	6,100	4,700	4,700	5,400	4,000	4,700
140			4,800	4,700	3,500	5,500	4,000	4,100	4,800	3,400	4,100
145						4,900	3,400	3,500	4,200	2,800	3,500
150						4,300	2,900	2,900	3,600	2,200	2,900
155						3,800	2,400	2,400	3,100	1,700	2,400
160									2,600	1,200	2,000
165									2,200		1,500
170									1,800		1,100
Unpinned	33,600	27,400	26,300	22,500	24,900	18,900	19,800	19,900	18,300	15,100	14,100
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	28.0
Max Rad.	126.5	127.8	141.5	141.5	142.4	156.1	156.5	157.4	171.5	162.5	171.2
Capacity	6,100	4,100	4,700	4,600	3,200	3,700	2,300	2,200	1,700	0	0

2150010

⚠ WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



81,200 lbs



Boom Centered Over Rear

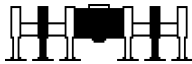


Bm Length	42.7 ft
Radius (ft)	
7	350,000 *
8	300,000 *
10	240,000
12	202,900
15	174,100
20	139,500
25	115,300
30	95,700
Min Angle	0.0
Max Rad.	34.2
Capacity	58,400

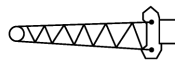
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* Special Equipment Required; V-Calc Operation Only

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft		57.3 ft		57.8 ft		58.2 ft		71.9 ft		72.3 ft	
Ext Mode	ALL		EM2, EM5		EM6		EM7		EM1, EM3, EM4		EM5	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
15	75,000											
20	75,000	54,000										
25	75,000	51,700	75,000		75,000		75,000					
30	68,700	50,300	75,000	52,200	75,000	52,300	75,000	52,400	54,900		75,000	
35	63,500	49,800	66,500	50,800	65,500	50,900	64,400	51,000	49,200	44,600	67,500	52,300
40	51,400	49,800	54,200	49,900	53,300	50,000	52,300	50,000	44,800	40,900	55,100	51,100
45			45,200	45,200	44,300	44,300	43,300	43,300	40,800	37,800	46,200	46,200
50			38,300	38,300	37,500	37,500	36,500	36,500	37,500	35,100	39,300	39,300
55			32,900	32,900	32,100	32,100	31,200	31,200	34,200	32,800	33,800	33,800
60									30,200	30,200	29,500	29,500
65									26,500	26,500	25,900	25,900
70									23,500	23,500	22,900	22,900
Unpinned			75,000	52,200	75,000	52,300	75,000	52,400	54,900	44,600	75,000	52,300
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	44.3	44.3	58.8	58.8	59.3	59.3	59.7	59.7	73.4	73.4	73.9	73.9
Capacity	43,900	43,900	29,800	29,800	28,600	28,600	27,300	27,300	21,900	21,900	21,000	21,000

2153010

⚠ WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Bm Length	73.2 ft		74.1 ft		86.9 ft		87.4 ft		87.8 ft		89.1 ft	
Ext Mode	EM6		EM7		EM4		EM2		EM5		EM6	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
30	75,000		75,000									
35	65,800	52,500	63,900	52,700								
40	53,500	51,300	51,700	51,400	43,500		42,400		55,000		52,900	
45	44,600	44,600	42,900	42,900	39,700	37,400	38,700	36,600	46,100	46,100	44,000	44,000
50	37,800	37,800	36,100	36,100	36,400	34,500	35,400	33,800	39,200	39,200	37,200	37,200
55	32,400	32,400	30,800	30,800	33,600	32,100	32,700	31,300	33,800	33,800	31,800	31,800
60	28,100	28,100	26,500	26,500	30,700	30,000	30,100	29,400	29,500	29,500	27,600	27,600
65	24,500	24,500	22,900	22,900	27,000	27,000	26,500	26,500	25,900	25,900	24,000	24,000
70	21,500	21,500	20,000	20,000	24,000	24,000	23,500	23,500	22,800	22,800	21,000	21,000
75			17,500	17,500	21,400	21,400	20,900	20,900	20,200	20,200	18,400	18,400
80					19,200	19,200	18,700	18,700	18,000	18,000	16,200	16,200
85					17,300	17,300	16,800	16,800	16,100	16,100	14,400	14,400
90											12,800	12,800
Unpinned	75,000	52,500	74,400	52,700	43,500	37,400	42,400	36,600	55,000	46,100	52,900	44,000
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	74.7	74.7	75.6	75.6	88.4	88.4	88.9	88.9	89.3	89.3	90.6	90.6
Capacity	19,200	19,200	17,300	17,300	16,200	16,200	15,600	15,600	14,800	14,800	12,600	12,600

2153020

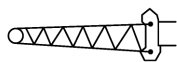
⚠ WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	90.4 ft		101.9 ft		102.4 ft		103.7 ft		105.4 ft		106.7 ft	
Ext Mode	EM7		EM1, EM3		EM4		EM5		EM6		EM7	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
40	50,300	50,300										
45	41,500	41,500	33,700		44,200		45,300	45,300	42,600	42,600	40,500	40,500
50	34,800	34,800	30,900	30,000	40,200	37,900	38,400	38,400	35,900	35,900	33,800	33,800
55	29,600	29,600	28,700	27,800	34,700	34,700	33,000	33,000	30,600	30,600	28,600	28,600
60	25,300	25,300	26,600	25,800	30,500	30,500	28,800	28,800	26,300	26,300	24,400	24,400
65	21,700	21,700	24,700	24,100	26,800	26,800	25,200	25,200	22,800	22,800	20,900	20,900
70	18,800	18,800	23,100	22,500	23,800	23,800	22,200	22,200	19,800	19,800	17,900	17,900
75	16,200	16,200	21,600	21,100	21,200	21,200	19,600	19,600	17,300	17,300	15,500	15,500
80	14,100	14,100	19,500	19,500	19,000	19,000	17,400	17,400	15,200	15,200	13,300	13,300
85	12,300	12,300	17,600	17,600	17,000	17,000	15,600	15,600	13,300	13,300	11,400	11,400
90	10,600	10,600	15,900	15,900	15,400	15,400	13,900	13,900	11,600	11,600	9,800	9,800
95			14,400	14,400	13,900	13,900	12,400	12,400	10,100	10,100	8,300	8,300
100			13,100	13,100	12,600	12,600	11,100	11,100	8,800	8,800	7,000	7,000
105							9,900	9,900	7,700	7,700	5,900	5,900
Unpinned	50,300	50,300	33,700	30,000	44,200	37,900	45,300	45,300	42,600	42,600	40,500	40,500
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	91.9	91.9	103.4	103.4	103.9	103.9	105.2	105.2	106.9	106.9	108.2	108.2
Capacity	10,100	10,100	12,400	12,400	11,800	11,800	9,900	9,900	7,300	7,300	5,300	5,300

2153030



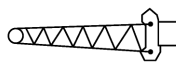
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	117.4 ft		118.3 ft		118.3 ft		120.0 ft		121.8 ft		132.9 ft	
Ext Mode	EM3		EM4		EM2		EM5		EM6		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
50			39,400	39,400								
55	29,600		34,000	34,000	28,300		31,700	31,700	29,700	29,700		
60	27,500	26,800	29,700	29,700	26,200	25,600	27,500	27,500	25,400	25,400	24,500	
65	25,500	25,000	26,100	26,100	24,300	23,800	23,900	23,900	21,800	21,800	22,700	22,400
70	23,800	23,400	23,100	23,100	22,600	22,200	20,900	20,900	18,900	18,900	21,100	20,800
75	21,500	21,500	20,500	20,500	20,600	20,600	18,400	18,400	16,400	16,400	19,700	19,500
80	19,300	19,300	18,300	18,300	18,400	18,400	16,200	16,200	14,300	14,300	18,400	18,200
85	17,300	17,300	16,300	16,300	16,500	16,500	14,400	14,400	12,400	12,400	17,100	17,100
90	15,700	15,700	14,800	14,800	14,900	14,900	12,700	12,700	10,800	10,800	15,600	15,600
95	14,200	14,200	13,300	13,300	13,400	13,400	11,200	11,200	9,300	9,300	14,100	14,100
100	12,900	12,900	11,900	11,900	12,000	12,000	9,900	9,900	8,000	8,000	12,700	12,700
105	11,700	11,700	10,700	10,700	10,800	10,800	8,700	8,700	6,800	6,800	11,500	11,500
110	10,600	10,600	9,600	9,600	9,800	9,800	7,700	7,700	5,700	5,700	10,400	10,400
115	9,600	9,600	8,700	8,700	8,800	8,800	6,700	6,700	4,800	4,800	9,400	9,400
120							5,900	5,900	3,900	3,900	8,600	8,600
125											7,700	7,700
130											7,000	7,000
Unpinned	29,600	26,800	39,400	39,400	28,300	25,600	31,700	31,700	29,700	29,700	24,500	22,400
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	118.9	118.9	119.8	119.8	119.8	119.8	121.5	121.5	123.3	123.3	134.4	134.4
Capacity	9,000	9,000	7,900	7,900	8,000	8,000	5,700	5,700	3,500	3,500	6,500	6,500

2153010

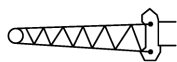
⚠ WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	133.3 ft		135.0 ft		136.3 ft		150.0 ft		150.1 ft		150.9 ft	
Ext Mode	EM3		EM4		EM5		EM3		EM2		EM4	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
60	30,100		28,400	28,400	26,500	26,500						
65	26,400	26,400	24,800	24,800	23,000	23,000						
70	23,400	23,400	21,800	21,800	20,000	20,000	22,200	22,200	19,500	19,400	20,900	20,900
75	20,800	20,800	19,300	19,300	17,400	17,400	19,700	19,700	18,000	18,000	18,300	18,300
80	18,600	18,600	17,100	17,100	15,400	15,400	17,500	17,500	16,800	16,800	16,100	16,100
85	16,700	16,700	15,300	15,300	13,500	13,500	15,700	15,700	15,600	15,600	14,400	14,400
90	15,100	15,100	13,600	13,600	11,800	11,800	14,000	14,000	13,900	13,900	12,700	12,700
95	13,600	13,600	12,100	12,100	10,400	10,400	12,500	12,500	12,400	12,400	11,200	11,200
100	12,300	12,300	10,800	10,800	9,000	9,000	11,200	11,200	11,100	11,100	9,900	9,900
105	11,100	11,100	9,600	9,600	7,900	7,900	10,000	10,000	9,900	9,900	8,700	8,700
110	10,000	10,000	8,500	8,500	6,800	6,800	8,900	8,900	8,800	8,800	7,600	7,600
115	9,000	9,000	7,500	7,500	5,800	5,800	7,900	7,900	7,800	7,800	6,700	6,700
120	8,100	8,100	6,600	6,600	4,900	4,900	7,000	7,000	6,900	6,900	5,800	5,800
125	7,300	7,300	5,800	5,800	4,100	4,100	6,200	6,200	6,100	6,100	5,000	5,000
130	6,600	6,600	5,100	5,100	3,400	3,400	5,500	5,500	5,400	5,400	4,200	4,200
135			4,500	4,500	2,800	2,800	4,800	4,800	4,700	4,700	3,600	3,600
140							4,200	4,200	4,100	4,100	2,900	2,900
145							3,600	3,600	3,500	3,500	2,400	2,400
150							3,100	3,100	3,000	3,000	1,900	1,900
Unpinned	30,100	26,400	28,400	28,400	26,500	26,500	22,200	22,200	19,500	19,400	20,900	20,900
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	134.8	134.8	136.5	136.5	137.8	137.8	151.5	151.5	151.6	151.6	152.4	152.4
Capacity	6,000	6,000	4,300	4,300	2,500	2,500	3,000	3,000	2,900	2,900	1,700	1,700

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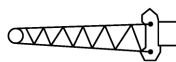


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



10 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	164.6 ft		165.0 ft		165.9 ft		180.0 ft		182.7 ft		197.3 ft	
Ext Mode	EM1		EM2		EM3		EM1		EM2		EM1	
Fly Offset	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°	0-2°	2.1-45°
Radius (ft)												
75	17,400	17,400	18,700	18,700	18,800	18,800						
80	16,200	16,200	16,500	16,500	16,600	16,600						
85	15,100	15,100	14,800	14,800	14,800	14,800	15,400	15,400	14,000	14,000		
90	14,300	14,300	13,100	13,100	13,200	13,200	13,700	13,700	12,300	12,300		
95	13,000	13,000	11,600	11,600	11,700	11,700	12,200	12,200	10,800	10,800	11,500	11,500
100	11,700	11,700	10,300	10,300	10,300	10,300	10,900	10,900	9,500	9,500	10,100	10,100
105	10,500	10,500	9,100	9,100	9,200	9,200	9,700	9,700	8,300	8,300	8,900	8,900
110	9,400	9,400	8,000	8,000	8,100	8,100	8,600	8,600	7,300	7,300	7,900	7,900
115	8,400	8,400	7,100	7,100	7,100	7,100	7,700	7,700	6,300	6,300	6,900	6,900
120	7,600	7,600	6,200	6,200	6,200	6,200	6,800	6,800	5,400	5,400	6,000	6,000
125	6,700	6,700	5,400	5,400	5,400	5,400	6,000	6,000	4,600	4,600	5,200	5,200
130	6,000	6,000	4,600	4,600	4,700	4,700	5,200	5,200	3,900	3,900	4,500	4,500
135	5,300	5,300	3,900	3,900	4,000	4,000	4,500	4,500	3,200	3,200	3,800	3,800
140	4,700	4,700	3,300	3,300	3,400	3,400	3,900	3,900	2,600	2,600	3,200	3,200
145	4,100	4,100	2,700	2,700	2,800	2,800	3,300	3,300	2,000	2,000	2,600	2,600
150	3,500	3,500	2,200	2,200	2,200	2,200	2,800	2,800	1,400	1,400	2,000	2,000
155	3,000	3,000	1,700	1,700	1,700	1,700	2,300	2,300			1,500	1,500
160	2,600	2,600	1,200	1,200	1,300	1,300	1,800	1,800			1,100	1,100
165	2,200	2,200					1,400	1,400				
Unpinned	17,400	17,400	18,700	18,700	18,800	18,800	15,400	15,400	14,000	14,000	11,500	11,500
Min Angle	0.0	0.0	14.5	14.5	14.0	14.0	23.5	23.5	36.0	36.0	39.0	39.0
Max Rad.	166.1	166.1	162.5	162.5	163.8	163.8	170.0	170.0	154.0	154.0	161.0	161.0
Capacity	2,100	2,100	0	0	0	0	0	0	0	0	0	0

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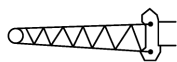
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
30	27,600											
35	25,400	22,600										
40	23,400	21,200	19,000		28,100							
45	21,800	19,900	18,000	16,800	26,500							
50	20,300	18,700	17,300	16,500	25,000	22,000						
55	18,800	17,600	17,100	16,300	23,700	21,000	18,500	17,000				
60	17,500	17,100	16,600	16,300	22,500	20,000	17,900	16,700	23,500			
65	17,000	16,500	16,500		21,500	19,200	17,400	16,500	21,800	21,300		
70					20,400	18,400	17,100	16,300	20,300	19,900	18,100	
75					19,300	17,700	17,100	16,300	18,900	18,600	17,600	16,600
80					18,400	17,100	16,700	16,300	17,700	17,400	17,200	16,400
85					17,600	17,100	16,400	16,300	16,900	16,600	16,400	16,300
90					16,800	16,600	16,400		15,900	15,700	15,500	15,400
95					15,400	15,400			14,900	14,800	14,700	14,600
100									13,900	14,000	13,900	13,800
105									12,700	12,800	13,000	13,100
110									11,600	11,700	11,900	12,100
115									10,600	10,700	10,800	10,900
120									9,700	9,800	9,900	
125									8,900	9,000		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	95.9	96.0	95.8	94.2	125.9	126.0	125.7	123.9
Capacity	16,700	16,500	16,500	16,300	15,200	15,200	15,300	15,800	8,800	8,800	8,900	9,100

2152010

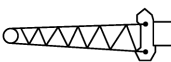


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
75	18,000							
80	17,000	16,900						
85	15,900	15,900	15,800					
90	14,900	14,900	14,800	14,800	13,200			
95	14,000	14,000	14,000	14,000	12,300	12,400		
100	13,100	13,100	13,100	13,100	11,500	11,500		
105	11,900	12,000	12,400	12,400	10,700	10,800	10,900	11,000
110	10,800	10,900	11,300	11,700	9,600	9,800	10,200	10,300
115	9,800	9,900	10,300	10,600	8,700	8,800	9,200	9,600
120	8,900	9,000	9,300	9,600	7,800	7,900	8,300	8,700
125	8,100	8,200	8,500	8,700	6,900	7,000	7,400	7,800
130	7,400	7,400	7,700	7,900	6,200	6,300	6,600	7,000
135	6,700	6,700	6,900	7,100	5,500	5,600	5,900	6,200
140	6,000	6,100	6,300	6,300	4,800	4,900	5,200	5,500
145	5,500	5,500	5,600		4,300	4,300	4,600	4,900
150	4,900	4,900	5,000		3,700	3,800	4,000	4,300
155	4,400	4,500			3,200	3,300	3,500	3,700
160					2,700	2,800	3,000	3,200
165					2,300	2,300	2,500	2,600
170					1,900	1,900	2,100	2,100
175					1,500	1,500	1,700	
180					1,100	1,200	1,300	
Min Angle	0.0	0.0	0.0	0.0	18.5	18.0	17.5	19.5
Max Rad.	156.9	156.9	156.6	154.6	181.7	182.5	183.0	180.0
Capacity	4,300	4,300	4,300	4,400	0	0	0	0

2152010



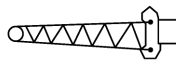
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
100	11,100							
105	9,900	10,100						
110	8,800	9,000	9,500		8,000			
115	7,800	8,000	8,500	9,000	7,000	7,200		
120	6,900	7,100	7,500	8,000	6,100	6,300	6,800	
125	6,100	6,200	6,700	7,100	5,300	5,500	6,000	6,500
130	5,400	5,500	5,900	6,300	4,600	4,700	5,200	5,700
135	4,700	4,800	5,200	5,600	3,900	4,000	4,500	4,900
140	4,000	4,100	4,500	4,900	3,300	3,400	3,800	4,200
145	3,500	3,500	3,900	4,200	2,700	2,800	3,200	3,500
150	2,900	3,000	3,300	3,600	2,100	2,200	2,600	2,900
155	2,400	2,500	2,800	3,000	1,600	1,700	2,000	2,400
160	1,900	2,000	2,300	2,500	1,100	1,200	1,500	1,800
165	1,500	1,500	1,800	2,000			1,100	1,300
170	1,100	1,100	1,300	1,500				
175				1,100				
Min Angle	36.0	36.5	36.5	36.5	46.5	46.5	46.5	47.0
Max Rad.	171.3	171.3	173.8	176.0	161.3	162.5	166.0	168.8
Capacity	0	0	0	0	0	0	0	0

2152010



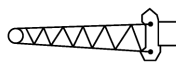
WARNING

Do Not Raise Boom Above 66° Boom Angle. Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
30	27,600											
35	25,400	22,600			28,100							
40	23,400	21,200	19,000		26,200	23,000						
45	21,800	19,900	18,000	16,800	24,500	21,800	19,200					
50	20,300	18,700	17,300	16,500	23,000	20,600	18,400	16,900	26,700			
55	18,800	17,600	17,100	16,300	21,700	19,500	17,700	16,600	25,500	22,200		
60	17,500	17,100	16,600	16,300	20,400	18,600	17,100	16,400	24,300	21,300	18,600	
65	17,000	16,500	16,500		19,200	17,700	17,100	16,300	23,300	20,500	18,100	16,800
70					18,100	17,100	16,700	16,300	22,300	19,700	17,600	16,600
75					17,100	16,900	16,400	16,300	21,100	19,100	17,200	16,400
80					16,800	16,500	16,400		19,800	18,400	17,100	16,300
85									18,000	17,800	17,000	16,300
90									16,300	16,400	16,700	16,300
95									14,800	14,900	15,300	15,500
100									13,500	13,600	13,800	14,000
105									12,300	12,400	12,500	
110									11,200	11,300		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.8	66.9	66.8	65.6	81.3	81.4	81.3	79.8	111.4	111.5	111.2	109.5
Capacity	16,700	16,500	16,500	16,300	16,700	16,500	16,400	16,300	11,000	11,000	11,100	11,400

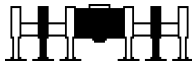
2152020



WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length Fly Offset	118.3 ft				150.1 ft			
	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
65	22,200							
70	20,600	20,400						
75	19,200	19,000						
80	17,900	17,800	17,600	16,600				
85	16,900	16,800	16,700	16,500	14,700			
90	15,600	15,800	15,700	15,600	13,600	13,700		
95	14,100	14,200	14,700	14,700	12,700	12,700	12,900	
100	12,800	12,900	13,300	13,800	11,500	11,700	12,000	12,100
105	11,500	11,700	12,100	12,400	10,300	10,500	11,000	11,300
110	10,400	10,500	10,900	11,200	9,200	9,400	9,900	10,400
115	9,500	9,600	9,900	10,100	8,300	8,400	8,800	9,300
120	8,600	8,600	8,900	9,100	7,400	7,500	7,900	8,300
125	7,800	7,800	8,000	8,200	6,500	6,600	7,000	7,400
130	7,000	7,100	7,200	7,300	5,800	5,900	6,200	6,600
135	6,300	6,400	6,500		5,100	5,200	5,500	5,800
140	5,700	5,700	5,700		4,500	4,500	4,800	5,100
145					3,900	3,900	4,200	4,400
150					3,300	3,400	3,600	3,800
155					2,800	2,900	3,100	3,200
160					2,400	2,400	2,600	
165					1,900	2,000	2,100	
170					1,500	1,600	1,600	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	142.3	142.4	142.0	140.1	174.1	174.1	173.8	171.7
Capacity	5,500	5,500	5,500	5,700	1,300	1,300	1,300	1,300

2152020

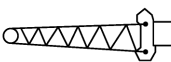


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



32.5 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
90	13,500							
95	12,000	12,200						
100	10,700	10,900	11,500		9,800			
105	9,500	9,600	10,200	10,900	8,600	8,800		
110	8,400	8,600	9,100	9,700	7,600	7,700	8,300	
115	7,400	7,600	8,100	8,600	6,600	6,700	7,300	7,900
120	6,500	6,700	7,100	7,600	5,700	5,800	6,400	6,900
125	5,700	5,800	6,300	6,700	4,900	5,000	5,500	6,000
130	5,000	5,100	5,500	5,900	4,100	4,300	4,700	5,200
135	4,300	4,400	4,800	5,100	3,500	3,600	4,000	4,400
140	3,700	3,700	4,100	4,400	2,800	2,900	3,300	3,700
145	3,100	3,200	3,500	3,700	2,200	2,300	2,700	3,100
150	2,500	2,600	2,900	3,100	1,700	1,800	2,100	2,500
155	2,000	2,100	2,300	2,600	1,200	1,300	1,600	1,900
160	1,500	1,600	1,800	2,000			1,100	1,400
165	1,100	1,200	1,400	1,500				
Min Angle	31.0	31.0	31.5	31.0	43.5	44.0	44.0	44.0
Max Rad.	166.3	167.0	169.0	170.0	157.0	158.0	161.0	164.0
Capacity	0	0	0	0	0	0	0	0

2152020



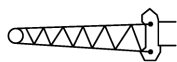
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				71.9 ft				101.9 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
40	13,100											
45	12,200											
50	11,400	10,400										
55	10,700	9,800			12,600							
60	10,100	9,300	8,600		12,000	10,600						
65	9,500	8,900	8,300	7,900	11,400	10,100						
70	9,000	8,500	8,000	7,700	10,900	9,800	8,700		12,200			
75	8,600	8,200	7,800	7,600	10,400	9,400	8,500		11,700			
80	8,200	7,900	7,700	7,500	9,900	9,100	8,300	7,800	11,300	10,000		
85	7,800	7,700	7,600	7,500	9,500	8,800	8,100	7,700	10,900	9,700	8,600	
90					9,100	8,500	7,900	7,600	10,500	9,400	8,400	
95					8,800	8,300	7,800	7,500	10,100	9,100	8,300	7,800
100					8,500	8,000	7,700	7,500	9,800	8,900	8,100	7,700
105					8,200	7,900	7,600	7,500	9,500	8,700	8,000	7,600
110					7,900	7,700	7,500	7,500	9,200	8,500	7,900	7,500
115					7,700	7,600	7,500		8,900	8,300	7,800	7,500
120									8,700	8,100	7,700	7,500
125									8,400	8,000	7,600	7,500
130									8,200	7,800	7,500	7,500
135									8,000	7,700	7,500	7,500
140									7,700	7,600	7,500	
145									7,200	7,200	7,300	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	118.4	118.5	118.0	115.5	148.4	148.5	147.9	144.9
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,500	7,500	6,800	6,800	6,900	7,200

2152030

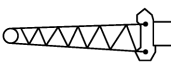


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	132.9 ft				164.6 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
85	11,800							
90	11,400							
95	11,100	9,800						
100	10,800	9,600						
105	10,500	9,300	8,400		10,500			
110	10,200	9,100	8,300	7,700	9,800			
115	9,900	9,000	8,100	7,700	9,200	9,300		
120	9,700	8,800	8,000	7,600	8,400	8,600		
125	8,900	8,600	7,900	7,500	7,600	7,800	8,200	
130	8,100	8,200	7,900	7,500	6,800	7,000	7,700	7,600
135	7,400	7,500	7,800	7,400	6,100	6,300	6,900	7,500
140	6,800	6,900	7,300	7,400	5,500	5,700	6,200	6,800
145	6,200	6,300	6,600	7,000	4,900	5,000	5,600	6,100
150	5,600	5,700	6,000	6,300	4,400	4,500	5,000	5,500
155	5,100	5,200	5,500	5,700	3,800	4,000	4,400	4,900
160	4,600	4,700	5,000	5,100	3,400	3,500	3,900	4,300
165	4,200	4,200	4,500	4,400	2,900	3,000	3,400	3,800
170	3,800	3,800	4,000		2,500	2,600	2,900	3,300
175	3,400	3,400	3,400		2,100	2,200	2,500	2,800
180					1,700	1,800	2,100	2,300
185					1,400	1,500	1,700	1,900
190					1,100	1,100	1,300	1,400
Min Angle	0.0	0.0	0.0	0.0	28.5	29.0	29.5	29.0
Max Rad.	179.4	179.4	178.7	175.4	191.7	191.7	195.0	194.0
Capacity	3,200	3,200	3,200	3,300	0	0	0	0

2152030



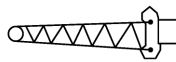
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	180.0 ft				197.3 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
115	8,500							
120	7,600							
125	6,800	7,000			6,000			
130	6,000	6,200	6,900		5,200	5,400		
135	5,300	5,500	6,200	6,900	4,500	4,700		
140	4,700	4,900	5,500	6,200	3,900	4,100	4,800	
145	4,100	4,200	4,900	5,500	3,300	3,500	4,100	4,900
150	3,500	3,700	4,300	4,800	2,700	2,900	3,500	4,200
155	3,000	3,200	3,700	4,200	2,200	2,400	3,000	3,600
160	2,500	2,700	3,200	3,700	1,700	1,900	2,500	3,000
165	2,100	2,200	2,700	3,100	1,300	1,400	2,000	2,500
170	1,700	1,800	2,200	2,600			1,500	2,000
175	1,300	1,400	1,800	2,200			1,100	1,500
180			1,400	1,700				1,100
185				1,300				
Min Angle	41.5	41.5	42.0	42.0	50.0	50.0	50.5	51.0
Max Rad.	178.8	180.0	185.0	188.8	168.8	170.0	176.3	181.3
Capacity	0	0	0	0	0	0	0	0

2152030

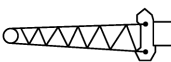


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	42.7 ft				57.3 ft				87.4 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)												
40	13,100											
45	12,200				13,300							
50	11,400	10,400			12,500							
55	10,700	9,800			11,800	10,500						
60	10,100	9,300	8,600		11,100	10,000			12,800			
65	9,500	8,900	8,300	7,900	10,500	9,600	8,700		12,200			
70	9,000	8,500	8,000	7,700	10,000	9,200	8,400	7,900	11,700	10,300		
75	8,600	8,200	7,800	7,600	9,500	8,800	8,200	7,800	11,200	9,900		
80	8,200	7,900	7,700	7,500	9,100	8,500	8,000	7,700	10,700	9,600	8,600	
85	7,800	7,700	7,600	7,500	8,700	8,200	7,800	7,600	10,300	9,300	8,400	7,800
90					8,400	8,000	7,700	7,500	9,900	9,000	8,200	7,700
95					8,000	7,800	7,600	7,500	9,500	8,800	8,100	7,700
100					7,800	7,600	7,600		9,200	8,500	7,900	7,600
105									8,900	8,300	7,800	7,500
110									8,600	8,100	7,700	7,500
115									8,400	7,900	7,600	7,500
120									8,100	7,800	7,500	7,500
125									7,900	7,700	7,500	7,500
130									7,700	7,500	7,500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.3	89.4	89.1	87.4	103.8	103.9	103.5	101.4	133.9	134.0	133.4	130.6
Capacity	7,600	7,600	7,600	7,500	7,600	7,600	7,600	7,500	7,500	7,500	7,500	7,500

2152040



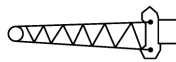
WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	118.3 ft				150.1 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
75	12,300							
80	11,900							
85	11,500	10,100						
90	11,100	9,800						
95	10,800	9,500	8,500		11,500			
100	10,400	9,300	8,400	7,800	11,200			
105	10,100	9,100	8,200	7,700	10,900	9,700		
110	9,800	8,900	8,100	7,700	10,100	9,500		
115	9,500	8,700	8,000	7,600	9,100	9,300	8,300	
120	9,300	8,500	7,900	7,500	8,200	8,400	8,200	7,700
125	8,700	8,300	7,800	7,500	7,300	7,500	8,100	7,600
130	7,900	8,000	7,700	7,400	6,600	6,800	7,400	7,500
135	7,200	7,300	7,600	7,400	5,900	6,100	6,600	7,200
140	6,600	6,700	7,000	7,300	5,300	5,400	5,900	6,500
145	6,000	6,100	6,400	6,600	4,700	4,800	5,300	5,800
150	5,400	5,500	5,800	5,800	4,100	4,200	4,700	5,100
155	4,900	5,000	5,200		3,600	3,700	4,100	4,500
160	4,500	4,500	4,600		3,100	3,200	3,600	4,000
165					2,700	2,800	3,100	3,400
170					2,300	2,300	2,700	2,900
175					1,900	1,900	2,200	2,300
180					1,500	1,600	1,800	1,800
185					1,200	1,200	1,400	
Min Angle	0.0	0.0	0.0	0.0	19.5	20.5	20.0	20.5
Max Rad.	164.8	164.9	164.1	161.0	188.3	188.3	190.0	182.4
Capacity	4,100	4,100	4,200	4,400	0	0	0	0

2152040

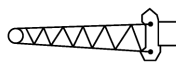


WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



Intermediate



55 ft Hydraulic Offset Fly



81,200 lbs



Bm Length	165.0 ft				182.7 ft			
Fly Offset	0°-2°	2.1-15°	15.1-30°	30.1-45°	0°-2°	2.1-15°	15.1-30°	30.1-45°
Radius (ft)								
105	10,300							
110	9,200							
115	8,200	8,500			7,400			
120	7,300	7,500			6,500			
125	6,500	6,700	7,500		5,700	5,900		
130	5,800	5,900	6,700	7,400	4,900	5,100	5,900	
135	5,100	5,200	5,900	6,600	4,200	4,400	5,200	6,000
140	4,400	4,600	5,200	5,900	3,600	3,800	4,500	5,200
145	3,800	4,000	4,600	5,200	3,000	3,200	3,800	4,500
150	3,300	3,400	4,000	4,500	2,400	2,600	3,200	3,900
155	2,800	2,900	3,400	3,900	1,900	2,100	2,700	3,300
160	2,300	2,400	2,900	3,300	1,400	1,600	2,100	2,700
165	1,800	2,000	2,400	2,800		1,100	1,700	2,200
170	1,400	1,500	1,900	2,300			1,200	1,700
175		1,100	1,500	1,800				1,200
180			1,100	1,400				
Min Angle	37.5	37.0	37.5	37.5	47.5	47.5	47.5	48.0
Max Rad.	175.0	176.7	181.3	184.0	165.0	166.3	172.5	177.0
Capacity	0	0	0	0	0	0	0	0

2152040



WARNING

Do Not Raise Boom Above 66° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



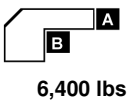
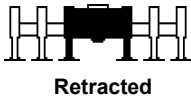
0 lbs



Bm Length	42.7 ft	71.9 ft
Radius (ft)		
10	61,200	73,000
12	41,600	52,000
15	25,200	34,800
20	11,600	20,500
25	4,400	12,800
30		8,000
35		4,700
40		2,300
Unpinned		73,000
Min Angle	36.5	46.5
Max Rad.	27.7	43.6
Capacity	0	0

3010010

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
10	76,000	87,800	
12	52,700	63,200	
15	33,300	42,900	45,100
20	17,100	26,100	28,000
25	8,600	17,000	18,900
30		11,400	13,500
35		7,600	9,700
40		4,800	6,800
45		2,700	4,700
50			3,000
55			1,700
Unpinned		82,400	45,100
Min Angle	30.5	38.5	51.5
Max Rad.	30.0	50.0	58.2
Capacity	0	0	0

3020010

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



10,800 lbs



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
10	85,800	97,600	
12	60,100	70,500	
15	38,700	48,200	
20	20,800	29,800	31,700
25	11,400	19,800	21,800
30	5,600	13,700	15,700
35		9,500	11,600
40		6,500	8,500
45		4,200	6,100
50		2,400	4,300
55			2,800
60			1,600
Unpinned		82,400	31,700
Min Angle	0.0	31.5	47.5
Max Rad.	34.2	54.7	63.0
Capacity	1,900	0	0

3030010



WARNING

Do Not Raise Boom Above 79° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



15,200 lbs



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
10	95,000		
12	66,900		
15	43,700	53,200	
20	24,200	33,200	
25	14,100	22,400	24,400
30	7,700	15,800	17,800
35		11,300	13,300
40		8,000	10,000
45		5,500	7,500
50		3,600	5,500
55		2,000	3,900
60			2,600
65			1,500
Unpinned		53,200	24,400
Min Angle	0.0	23.0	44.0
Max Rad.	34.2	58.8	67.8
Capacity	3,700	0	0

3040010



WARNING

Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



19,600 lbs



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
10	104,800		
12	74,300		
15	49,000		
20	28,000	36,900	
25	16,800	25,300	
30	10,000	18,000	20,100
35		13,200	15,300
40		9,600	11,700
45		6,900	8,900
50		4,800	6,800
55		3,200	5,100
60			3,700
65			2,500
70			1,500
Unpinned		36,900	20,100
Min Angle	0.0	20.5	39.5
Max Rad.	34.2	60.0	72.8
Capacity	5,700	0	0

3050010



WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



24,000 lbs



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
12	81,100		
15	54,000		
20	31,400		
25	19,400	27,900	
30	12,100	20,100	
35		15,000	
40		11,200	13,200
45		8,300	10,300
50		6,000	8,000
55		4,200	6,200
60		2,800	4,700
65			3,400
70			2,300
75			1,400
Unpinned		27,900	13,200
Min Angle	0.0	0.0	35.0
Max Rad.	34.2	63.3	77.5
Capacity	7,500	1,900	0

3060010



WARNING

Do Not Raise Boom Above 67° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds
See Setup Note 5



Retracted



28,400 lbs



Bm Length	42.7 ft	71.9 ft	101.9 ft
Radius (ft)			
15	59,400		
20	35,000		
25	22,300		
30	14,400	22,400	
35		16,800	
40		12,800	
45		9,700	11,700
50		7,300	9,300
55		5,400	7,300
60		3,800	5,700
65			4,400
70			3,200
75			2,300
80			1,400
Unpinned		22,400	11,700
Min Angle	0.0	0.0	28.5
Max Rad.	34.2	63.3	82.9
Capacity	9,500	2,900	0

3070010



WARNING

Do Not Raise Boom Above 62° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

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Intentionally**

Rated Lifting
Capacities in
Pounds
See Setup Note 4



0 lbs on Upper
8,800 - 90,000 lbs on Carrier

Bm Length	42.7 ft	55.0 ft	71.9 ft
Radius (ft)			
10	22,700		
12	17,100		
15	11,000	15,100	
20		8,200	11,500
25		3,800	7,000
30			3,900
Min Angle	53.0	54.5	57.5
Max Rad.	20.0	26.2	33.0
Capacity	0	0	0

4010090



WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



0 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft
Radius (ft)			
10	28,900		
12	21,800	21,800	
15	14,700	18,300	
20		10,700	13,500
25		6,100	8,800
30			5,700
Min Angle	53.0	54.5	57.5
Max Rad.	20.0	26.2	33.0
Capacity	0	0	0

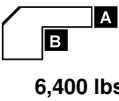
5010090



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



Bm Length	42.7 ft	55.0 ft	71.9 ft
Radius (ft)			
10	34,600		
12	26,700	24,700	
15	18,500	22,200	
20	10,200	13,700	16,400
25		8,500	11,200
30			7,700
35			5,100
Min Angle	45.5	49.5	52.5
Max Rad.	23.9	30.0	37.9
Capacity	0	0	0

5020100



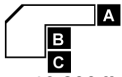
WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



10,800 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft
Radius (ft)			
10	38,400		
12	29,800	25,900	
15	21,100	24,700	
20	12,100	15,600	18,000
25	6,600	10,100	12,800
30		6,300	9,000
35			6,200
40			4,100
Min Angle	40.0	44.5	49.0
Max Rad.	26.2	33.1	41.2
Capacity	0	0	0

5030110



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



15,200 lbs



Boom Centered Over Rear

Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	41,800				
12	32,700	27,400			
15	23,400	27,100			
20	13,900	17,400	19,200		
25	8,100	11,500	14,200	14,400	
30		7,500	10,200	11,000	10,200
35			7,300	8,100	8,800
40			5,100	5,900	6,600
45				4,200	4,900
50					3,500
Min Angle	35.5	41.5	46.0	50.5	56.0
Max Rad.	28.1	35.0	44.3	48.2	52.0
Capacity	0	0	0	0	0

5040120



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



19,600 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	44,000				
12	35,900	28,900			
15	26,000	28,900			
20	15,900	19,300	20,200		
25	9,600	13,100	15,800	15,300	
30		8,800	11,500	12,300	10,900
35		5,700	8,400	9,200	9,900
40			6,000	6,900	7,600
45			4,200	5,000	5,800
50				3,600	4,300
55					3,100
Min Angle	30.5	35.5	41.5	47.0	53.5
Max Rad.	30.0	38.2	47.6	51.9	55.5
Capacity	0	0	0	0	0

5050130



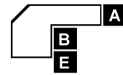
WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



24,000 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	46,300				
12	38,800	30,500			
15	28,300	30,500			
20	17,600	21,100	21,400		
25	11,100	14,500	17,100	16,200	
30		10,000	12,700	13,500	11,700
35		6,800	9,400	10,200	11,000
40		4,300	6,900	7,800	8,500
45			5,000	5,800	6,600
50			3,500	4,300	5,000
55					3,700
Min Angle	30.5	29.5	37.0	44.0	51.0
Max Rad.	30.0	40.8	50.9	55.0	58.9
Capacity	0	0	0	0	0

5060140



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



28,400 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	48,500				
12	41,900	33,500			
15	30,900	33,500			
20	19,500	23,000	22,500		
25	12,600	16,000	18,700	17,100	
30		11,300	14,000	14,800	12,300
35		7,900	10,500	11,400	12,100
40		5,300	7,900	8,800	9,500
45			5,900	6,700	7,400
50			4,300	5,100	5,800
55				3,700	4,500
60					3,300
Min Angle	30.5	22.0	32.0	40.5	47.5
Max Rad.	30.0	43.4	54.2	58.3	62.9
Capacity	0	0	0	0	0

5070150



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



32,800 lbs



Boom Centered Over Rear

Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	50,800				
12	44,900	33,600			
15	33,200	33,600			
20	21,300	24,800	23,700		
25	14,100	17,400	20,100	18,100	
30	9,100	12,500	15,200	15,900	13,100
35		8,900	11,600	12,400	13,100
40		6,200	8,800	9,700	10,400
45			6,700	7,500	8,300
50			5,000	5,800	6,500
55			3,600	4,400	5,100
60				3,200	3,900
65					3,000
Min Angle	0.0	17.5	26.5	37.0	44.5
Max Rad.	34.2	45.0	57.1	61.8	66.6
Capacity	5,900	0	0	0	0

5080160



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



37,200 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	51,900				
12	46,000	35,300			
15	35,800	35,300			
20	23,300	26,800	24,900		
25	15,600	19,000	21,700	19,100	
30	10,400	13,800	16,400	17,200	13,900
35		10,100	12,700	13,500	13,900
40		7,200	9,800	10,600	11,400
45		5,000	7,600	8,400	9,100
50			5,800	6,600	7,300
55			4,300	5,100	5,800
60				3,900	4,600
65					3,600
70					2,700
Min Angle	0.0	0.0	20.5	33.0	41.5
Max Rad.	34.2	46.5	60.0	65.0	70.6
Capacity	7,000	4,400	0	0	0

5090170



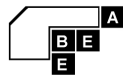
WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



41,600 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	52,100				
12	44,300	36,700			
15	38,200	36,700			
20	25,100	28,600	25,900		
25	17,100	20,500	23,200	19,900	
30	11,700	15,100	17,700	18,500	14,500
35		11,100	13,800	14,600	14,500
40		8,200	10,800	11,600	12,300
45		5,800	8,400	9,200	10,000
50			6,500	7,400	8,100
55			5,000	5,800	6,500
60			3,700	4,500	5,200
65				3,400	4,100
70					3,200
Min Angle	0.0	0.0	0.0	27.0	38.5
Max Rad.	34.2	46.5	63.3	68.7	73.9
Capacity	8,100	5,200	3,000	0	0

5100180



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



46,000 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	50,800				
12	46,200	38,400			
15	38,600	38,400			
20	27,100	30,500	27,000		
25	18,600	22,100	24,700	20,900	
30	13,000	16,300	19,000	19,800	15,400
35		12,300	14,900	15,700	15,400
40		9,100	11,700	12,600	13,300
45		6,700	9,300	10,100	10,800
50			7,300	8,100	8,900
55			5,700	6,500	7,200
60			4,400	5,200	5,900
65				4,000	4,800
70				3,100	3,800
75					2,900
Min Angle	0.0	0.0	0.0	19.0	34.5
Max Rad.	34.2	46.5	63.3	72.5	77.9
Capacity	9,200	6,000	3,600	0	0

5110190



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



54,800 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	49,200				
12	44,400	41,600			
15	38,300	40,900			
20	29,700	31,400	29,300		
25	21,600	25,000	27,700	22,800	
30	15,500	18,800	21,500	22,300	16,900
35		14,400	17,000	17,800	16,900
40		11,000	13,600	14,500	15,200
45		8,400	11,000	11,800	12,500
50			8,900	9,700	10,400
55			7,100	7,900	8,600
60			5,700	6,500	7,200
65				5,200	5,900
70				4,200	4,900
75				3,300	3,900
80					3,100
Min Angle	0.0	0.0	0.0	0.0	26.0
Max Rad.	34.2	46.5	63.3	76.5	85.0
Capacity	11,500	7,700	4,800	3,000	0

5120200

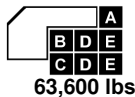


WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



Boom Centered Over Rear

Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	47,800				
12	43,000	44,700			
15	36,900	39,400			
20	29,100	31,800	31,600		
25	22,700	25,800	28,200	24,700	
30	18,000	20,900	22,700	23,400	18,400
35		16,500	19,100	20,000	18,400
40		12,900	15,600	16,300	17,000
45		10,100	12,700	13,500	14,200
50			10,400	11,200	11,900
55			8,500	9,300	10,000
60			6,900	7,700	8,400
65				6,400	7,100
70				5,300	6,000
75				4,300	5,000
80					4,100
85					3,300
90					2,700
Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	46.5	63.3	76.5	93.4
Capacity	13,700	9,300	6,000	4,000	2,300

5130210



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



72,400 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	46,500				
12	41,700	44,100			
15	35,700	38,200			
20	28,000	30,700	32,700		
25	22,000	24,900	27,200	26,100	
30	17,400	20,400	22,700	23,600	19,500
35		16,600	19,300	20,100	19,500
40		13,600	15,800	16,900	17,900
45		11,100	13,600	14,300	14,700
50			11,600	12,400	13,000
55			9,800	10,600	11,300
60			8,200	9,000	9,700
65				7,600	8,300
70				6,400	7,100
75				5,300	6,000
80					5,100
85					4,200
90					3,500
Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	46.5	63.3	76.5	93.4
Capacity	13,900	10,400	7,200	5,000	3,100

5140220



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.



On Tires - Stationary



81,200 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	45,100				
12	40,500	42,800			
15	34,600	37,000			
20	27,000	29,600	31,700		
25	21,100	24,000	26,200	27,000	
30	16,500	19,500	21,900	22,600	21,000
35		15,900	18,400	19,100	19,900
40		13,000	15,600	16,300	17,000
45		10,500	13,100	14,000	14,700
50			11,100	11,900	12,700
55			9,300	10,200	11,000
60			7,700	8,700	9,500
65				7,200	8,100
70				6,100	6,800
75				5,100	5,800
80					4,900
85					4,100
90					3,400
Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	46.5	63.3	76.5	93.4
Capacity	13,200	9,800	6,900	4,800	2,900

5150230



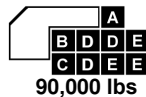
WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

Rated Lifting
Capacities in
Pounds



On Tires - Stationary



90,000 lbs



Boom Centered Over Rear



Bm Length	42.7 ft	55.0 ft	71.9 ft	85.0 ft	101.9 ft
Radius (ft)					
10	43,800				
12	39,200	41,500			
15	33,500	35,900			
20	26,000	28,600	30,800		
25	20,300	23,100	25,300	26,100	
30	15,800	18,700	21,100	21,800	22,400
35		15,300	17,700	18,400	19,100
40		12,400	14,900	15,700	16,300
45		9,900	12,500	13,400	14,100
50			10,500	11,400	12,100
55			8,800	9,700	10,400
60			7,300	8,200	8,900
65				6,900	7,600
70				5,700	6,500
75				4,700	5,500
80					4,600
85					3,800
90					3,000
Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	34.2	46.5	63.3	76.5	93.4
Capacity	12,500	9,300	6,400	4,500	2,600

5160240



WARNING

Do Not Swing With Counterweight Attached To Upper. Loss of Backward Stability Will Occur, Causing a Tipping Condition.

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