

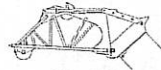
J8P0081

Full

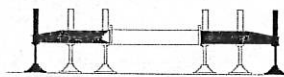
Load Radius (ft)	125.7' Boom								155' Boom							
	2°		15°		30°		45°		2°		15°		30°		45°	
30	78.0	27,900														
35	76.5	26,900	78.5	20,200												
40	75.0	26,000	77.0	19,700					78.5	18,900						
45	73.0	25,100	75.0	19,200	77.5	16,700			77.5	18,900	79.5	17,700				
50	71.0	24,200	73.5	18,700	76.0	16,300	78.0	14,700	76.0	18,900	78.0	17,400				
55	69.5	23,300	71.5	18,300	74.0	16,000	76.0	14,500	74.5	18,900	76.5	17,100	78.5	15,200		
60	67.5	22,300	69.5	17,800	72.0	15,700	74.0	14,300	73.0	18,800	75.0	16,800	77.0	15,000	79.0	13,800
65	65.5	19,600	67.5	17,400	70.0	15,400	72.0	14,100	71.5	17,600	73.5	16,500	75.5	14,800	77.5	13,700
70	63.0	17,100	65.5	17,000	68.0	15,100	70.0	14,000	69.5	15,200	72.0	16,200	74.0	14,600	76.0	13,600
75	61.0	14,800	63.5	15,700	66.0	14,900	68.0	13,900	68.0	12,900	70.5	14,100	72.5	14,400	74.0	13,500
80	58.5	12,800	61.5	13,700	64.0	14,600	65.5	13,800	66.0	11,000	68.5	12,100	71.0	13,100	72.5	13,400
85	56.0	11,100	59.0	11,900	61.5	12,700	63.5	13,300	64.0	9,400	66.5	10,300	69.0	11,300	70.5	12,000
90	54.0	9,700	56.5	10,400	59.0	11,100	60.5	11,600	62.0	7,900	64.5	8,800	66.5	9,700	68.5	10,300
95	51.5	8,400	54.0	9,100	56.5	9,700	58.0	10,100	60.0	6,700	62.5	7,500	64.5	8,300	66.5	8,900
100	48.5	7,300	51.5	7,900	53.5	8,400	55.0	8,800	58.0	5,600	60.5	6,300	62.5	7,000	64.5	7,500
105	46.0	6,300	48.5	6,800	51.0	7,300	52.5	7,600	56.0	4,600	58.5	5,300	60.5	5,900	62.0	6,400
110	43.5	5,400	46.0	5,900	48.0	6,300	49.0	6,500	54.0	3,700	56.5	4,300	58.5	4,900	60.0	5,300
115	40.5	4,600	43.0	5,000	45.0	5,400	46.0	5,500	52.0	2,900	54.0	3,500	56.5	4,000	57.5	4,400
120	37.5	3,900	40.0	4,200	41.5	4,500			50.0	2,200	52.0	2,700	54.0	3,200	55.5	3,500
125	34.0	3,200	36.5	3,500	38.0	3,800			47.5	1,500	50.0	2,000	51.5	2,400	53.0	2,700
130	30.0	2,600	32.5	2,900	34.0	3,100					47.5	1,400	49.5	1,800	50.5	2,000
135	26.0	2,100	28.5	2,300												
140	21.0	1,600	23.5	1,700												
145			16.5	1,200												
Min.Bm. Ang./Cap.	14.5		12.0		6.5		9.0		46.5		47.0		47.0		47.5	
Radius (ft)	145.0		145.8		145.9		142.3		127.0		131.5		135.0		135.5	
Maximum Boom Length At 0° Boom Angle (ft)			124													

Rated Lifting Capacities
In Pounds

10.0' Hydraulic Offset Fly



2° - 45°



Full

14,000 lb

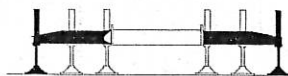


Load Radius (ft)	Boom Length (ft)										
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	175.0	185.0
10	51,800	51,800									
12	47,200	51,800	48,600								
15	46,200	46,600	48,600	44,000							
20	45,000	45,500	45,000	43,700	36,900						
25	44,400	44,600	44,200	43,100	36,900	29,100	24,500				
30	44,400	44,200	43,700	42,700	36,900	29,100	24,500	23,100	20,200	15,200	
35	44,400	44,100	41,600	41,500	35,200	29,100	24,500	23,100	20,200	15,200	14,100
40	44,300	44,100	37,700	37,600	32,100	29,100	24,500	23,100	20,200	15,200	14,100
45		37,800	34,500	34,500	29,300	29,100	24,500	23,100	20,200	15,200	14,100
50		31,000	31,900	31,700	26,800	27,700	24,500	23,100	20,200	15,200	14,100
55		25,800	27,600	28,200	24,700	25,500	22,800	23,100	20,200	15,200	14,100
60			23,500	24,100	22,800	23,600	20,900	22,200	20,200	15,200	14,100
65			20,200	20,700	21,100	20,800	19,300	19,900	18,900	15,200	14,100
70			17,500	18,000	18,300	18,100	17,800	17,200	16,900	15,200	14,100
75				15,800	16,100	15,900	15,700	15,100	14,600	13,800	13,300
80				13,800	14,200	13,900	13,700	13,200	12,700	11,900	11,400
85				12,200	12,500	12,300	12,100	11,500	11,000	10,200	9,700
90					11,000	10,800	10,600	10,000	9,500	8,800	8,300
95					9,800	9,500	9,300	8,800	8,300	7,500	7,000
100					8,600	8,400	8,200	7,600	7,100	6,400	5,900
105						7,400	7,200	6,600	6,100	5,400	4,900
110						6,500	6,300	5,700	5,200	4,500	4,000
115						5,700	5,500	4,900	4,400	3,700	3,200
120							4,700	4,200	3,700	3,000	2,500
125							4,000	3,500	3,000	2,300	1,900
130							3,500	2,900	2,400	1,700	
135								2,400	1,900		
140								1,800	1,400		
145								1,400			
Min. Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 9,600	0 / 7,800	0 / 6,300	0 / 5,000	0 / 3,400	0 / 1,300	30.0 / 0	42.0 / 0	47.5 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	142.5	135.0	130.0

10.0' Hydraulic Offset Fly

Rated Lifting Capacities
In Pounds

2°-45°



Full

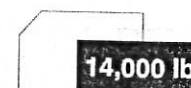
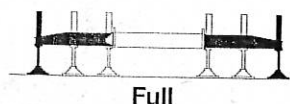
14,000 lb



Load Radius (ft)	Boom Length (ft)										
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	170.0	180.3
10	51,800	51,800									
12	47,200	51,800	51,800								
15	46,200	46,600	51,000	51,800							
20	45,000	45,500	45,100	44,000	40,300						
25	44,400	44,600	44,400	43,400	40,300	31,400	28,700				
30	44,400	44,200	43,800	42,900	40,300	31,400	28,700	25,900	24,000		
35	44,400	44,100	43,200	41,100	37,400	31,400	28,700	25,900	24,000	22,200	19,500
40	44,300	44,100	39,200	37,200	34,300	31,400	28,700	25,900	24,000	22,200	19,500
45		37,800	36,000	34,200	31,400	30,000	28,700	25,900	24,000	22,200	19,500
50		31,000	32,800	31,400	28,800	27,500	26,800	25,900	24,000	22,200	19,500
55		25,800	27,500	28,100	26,600	25,300	24,700	24,100	24,000	22,200	19,500
60			23,400	23,900	24,100	23,300	22,900	22,200	21,900	21,300	19,500
65			20,100	20,600	20,800	20,500	20,000	19,400	18,600	18,000	17,500
70			17,400	17,900	18,000	17,700	17,300	16,900	16,100	15,600	15,000
75				15,700	15,800	15,600	15,200	14,600	13,900	13,300	12,800
80				13,700	13,900	13,700	13,200	12,700	11,900	11,400	10,900
85				12,000	12,200	12,000	11,600	11,000	10,300	9,700	9,200
90					10,700	10,500	10,100	9,500	8,800	8,300	7,800
95					9,500	9,200	8,800	8,300	7,600	7,000	6,500
100					8,300	8,100	7,700	7,200	6,400	5,900	5,400
105						7,100	6,700	6,200	5,400	4,900	4,500
110						6,200	5,800	5,300	4,600	4,000	3,600
115						5,400	5,000	4,500	3,800	3,200	2,800
120							4,300	3,700	3,000	2,500	2,100
125							3,600	3,100	2,400	1,900	1,400
130							3,000	2,500	1,800	1,300	
135								1,900			
140								1,400			
Min.Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 10,200	0 / 8,600	0 / 7,000	0 / 5,200	0 / 2,900	13.5 / 0	35.0 / 0	42.0 / 0	48.0 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	142.3	135.0	130.6	126.2

Rated Lifting Capacities
In Pounds

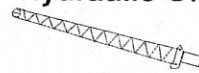
10.0' Hydraulic Offset Fly



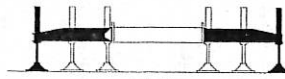
Load Radius (ft)	Boom Length (ft)								
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0
10	51,800	51,800							
12	47,200	51,800	51,800						
15	46,200	46,600	51,800	51,800					
20	45,000	45,500	45,700	45,300	51,000				
25	44,400	44,600	44,900	44,600	43,200	45,600	40,000		
30	44,400	44,200	44,300	44,100	42,800	41,800	40,000	35,900	28,500
35	44,400	44,100	43,900	43,600	41,000	40,500	38,000	35,900	28,500
40	44,300	44,100	43,700	43,300	37,200	36,700	34,500	35,700	28,500
45		37,800	38,900	38,800	34,300	33,700	31,600	32,900	28,500
50		31,000	32,100	32,000	31,500	30,900	29,000	29,300	28,000
55		25,800	26,800	26,800	26,500	25,900	25,200	24,200	23,600
60			22,700	22,600	22,400	21,800	21,100	20,100	19,600
65			19,400	19,300	19,100	18,500	17,800	17,100	16,600
70			16,800	16,700	16,600	16,000	15,300	14,400	13,900
75				14,500	14,300	13,700	13,100	12,200	11,700
80				12,500	12,300	11,800	11,200	10,300	9,800
85				10,800	10,700	10,100	9,500	8,700	8,200
90					9,200	8,700	8,100	7,200	6,800
95					8,000	7,400	6,800	6,000	5,500
100					6,900	6,300	5,700	4,900	4,400
105						5,300	4,700	3,900	3,400
110						4,400	3,800	3,000	2,600
115						3,600	3,100	2,200	1,800
120							2,300	1,500	
125							1,700		
Min.Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 14,400	0 / 10,500	0 / 6,600	0 / 3,500	13.5 / 0	36.0 / 0	42.5 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	127.9	121.9	118.3

Rated Lifting Capacities In Pounds

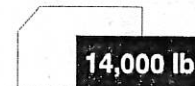
31.0' Hydraulic Offset Fly



2° - 45°



Full



14,000 lb

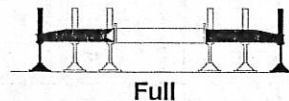
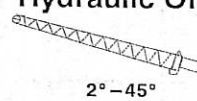


360°

Load Radius (ft)	Boom Length (ft)														
	42.3			71.2			100.9			131.5			162.9		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		32,200											
20	23,600	23,600		24,400	24,400										
25	21,600	17,700	17,700	22,900	22,900		24,700								
30	18,900	16,700	15,200	20,200	17,300	17,300	18,300	18,300		15,800					
35	17,700	15,900	14,700	19,200	16,700	15,000	17,900	16,000	16,000	15,800	15,800				
40	16,600	15,200	14,200	18,300	16,100	14,600	17,500	15,600	15,600	15,800	15,800		13,200		
45	15,700	14,600	13,900	17,600	15,600	14,300	17,100	15,300	14,100	15,800	14,600	14,600	13,200	13,200	
50	14,900	14,100	13,800	16,900	15,100	14,100	16,700	15,000	13,900	15,800	14,400	13,400	13,200	13,200	
55	14,300	13,800	13,800	16,200	14,700	13,900	16,300	14,700	13,700	15,600	14,200	13,300	13,200	13,200	13,400
60	13,900	13,800	13,800	15,600	14,400	13,700	15,900	14,400	13,500	15,400	14,000	13,200	13,200	13,200	12,600
65				15,100	14,100	13,600	15,600	14,200	13,400	15,100	13,900	13,000	13,200	13,200	12,500
70				14,700	13,900	13,600	15,200	14,000	13,300	14,900	13,700	13,000	13,200	13,100	12,500
75				14,300	13,700	13,600	14,900	13,800	13,300	14,400	13,500	12,900	13,200	13,000	12,400
80				14,000	13,600	13,600	14,600	13,600	13,200	13,300	13,400	12,800	12,900	12,900	12,300
85				13,600	13,600	13,600	13,500	13,500	13,200	12,400	12,600	12,800	11,400	12,200	12,300
90				12,200	12,400		12,100	12,600	13,000	11,200	11,700	11,900	9,900	10,700	11,500
95							10,800	11,200	11,600	9,900	10,500	11,100	8,700	9,400	10,100
100							9,600	10,000	10,300	8,800	9,300	9,800	7,500	8,200	8,800
105							8,600	8,900	9,200	7,800	8,300	8,700	6,500	7,100	7,700
110							7,700	7,900	8,100	6,900	7,300	7,700	5,600	6,200	6,700
115							6,900	7,100		6,000	6,400	6,800	4,800	5,300	5,800
120							6,100	6,200		5,300	5,600	5,900	4,000	4,500	5,000
125										4,600	4,900	5,200	3,400	3,800	4,200
130										4,000	4,300	4,500	2,800	3,200	3,500
135										3,500	3,700	3,800	2,200	2,600	2,900
140										2,900	3,100	3,200	1,700	2,000	2,300
145										2,500	2,600		1,200	1,500	1,800
150										2,100	2,100				1,300
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/6,800	0/6,800	0/7,100	0/5,000	0/5,100	0/5,300	0/1,800	0/1,800	0/1,900	42.0/0	43.0/0	43.0/0
Radius (ft)	64.7	64.7	63.6	93.7	93.5	91.9	123.4	123.1	121.3	154.0	153.6	151.7	146.3	149.8	152.0

Rated Lifting Capacities In Pounds

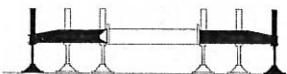
31.0' Hydraulic Offset Fly



14,000 lb



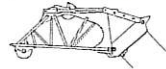
Load Radius (ft)	Boom Length (ft)														
	42.3			68.2			94.9			122.5			150.9		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		33,100											
20	23,600	23,600		24,600	24,600		27,000								
25	21,600	17,700	17,700	23,100	23,100		19,600	19,600							
30	18,900	16,700	15,200	21,700	17,400	17,400	19,100	19,100		18,300					
35	17,700	15,900	14,700	19,300	16,700	15,000	18,600	16,400	16,400	17,600	17,600		16,100		
40	16,600	15,200	14,200	18,400	16,100	14,700	18,100	16,000	14,500	17,300	15,500	15,500	16,100	16,100	
45	15,700	14,600	13,900	17,500	15,600	14,300	17,600	15,600	14,300	17,000	15,300	14,000	16,100	16,100	
50	14,900	14,100	13,800	16,800	15,100	14,100	17,100	15,300	14,100	16,700	15,000	13,800	16,000	14,600	14,600
55	14,300	13,800	13,800	16,100	14,700	13,900	16,700	14,900	13,900	16,400	14,800	13,700	15,800	14,400	13,300
60	13,900	13,800	13,800	15,600	14,400	13,700	16,200	14,600	13,700	16,100	14,500	13,500	15,600	14,200	13,200
65				15,000	14,100	13,700	15,800	14,400	13,600	15,800	14,300	13,400	15,400	14,000	13,100
70				14,600	13,800	13,700	15,400	14,100	13,500	15,500	14,100	13,300	15,200	13,900	13,000
75				14,200	13,700	13,700	15,000	13,900	13,400	15,200	13,900	13,200	14,900	13,700	12,900
80				13,900	13,700	13,700	14,700	13,700	13,400	14,200	13,700	13,100	13,100	13,600	12,900
85				13,500	13,700		13,500	13,600	13,400	12,700	13,400	13,100	11,400	12,300	12,800
90				12,100			12,000	12,500	12,900	11,200	11,800	12,400	10,000	10,700	11,500
95							10,700	11,100	11,400	9,900	10,500	11,000	8,700	9,400	10,000
100							9,500	9,900	10,100	8,800	9,300	9,700	7,500	8,200	8,800
105							8,500	8,800	8,900	7,800	8,200	8,600	6,500	7,100	7,700
110							7,600	7,800		6,800	7,200	7,600	5,600	6,200	6,700
115							6,800	6,900		6,000	6,400	6,700	4,800	5,300	5,800
120										5,300	5,600	5,800	4,100	4,500	4,900
125										4,600	4,900	5,100	3,400	3,800	4,200
130										4,000	4,200	4,300	2,800	3,200	3,500
135										3,500	3,600		2,200	2,600	2,900
140										3,000	3,100		1,700	2,000	2,300
145										2,500			1,300	1,500	1,700
150															1,200
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/7,300	0/7,400	0/7,700	0/5,600	0/5,700	0/5,900	0/2,600	0/2,600	0/2,700	36.5/0	36.5/0	37.0/0
Radius (ft)	64.7	64.7	63.6	90.7	90.5	89.0	117.4	117.1	115.4	145.5	144.7	142.7	147.0	150.0	151.0

Rated Lifting Capacities In Pounds				31.0' Hydraulic Offset Fly						 2° - 45°			 Full			 14,000 lb			 EM 3			 360°		
Load Radius (ft)	Boom Length (ft)																							
	42.3			55.5			69.6			97.2			125.7			155.0								
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45						
15	26,100	26,100		34,000			34,500																	
20	23,600	23,600		24,500	24,500		25,100	25,100																
25	21,600	17,700	17,700	22,700	18,200	18,200	23,500	23,500		23,700	23,700													
30	18,900	16,700	15,200	20,000	17,300	15,400	20,800	17,600	17,600	22,600	22,600		26,700											
35	17,700	15,900	14,700	18,800	16,500	15,000	19,700	16,900	15,200	21,600	17,100	17,100	19,400	19,400										
40	16,600	15,200	14,200	17,800	15,800	14,500	18,700	16,300	14,800	19,300	16,600	14,900	18,900	16,400	16,400	18,700								
45	15,700	14,600	13,900	16,900	15,200	14,200	17,900	15,800	14,500	18,600	16,200	14,600	18,500	16,100	16,100	17,400	17,400							
50	14,900	14,100	13,800	16,100	14,800	14,000	17,100	15,300	14,200	18,000	15,700	14,300	18,000	15,700	14,300	17,100	15,200	15,200						
55	14,300	13,800	13,800	15,400	14,300	13,800	16,400	14,900	14,000	17,400	15,400	14,100	17,600	15,400	14,100	16,800	15,000	13,700						
60	13,900	13,800	13,800	14,800	14,000	13,700	15,800	14,500	13,800	16,900	15,000	13,900	17,100	15,100	13,900	16,500	14,800	13,600						
65				14,300	13,800	13,700	15,200	14,200	13,700	16,400	14,700	13,800	16,700	14,900	13,800	16,300	14,600	13,500						
70				14,000	13,800	13,700	14,800	14,000	13,700	15,900	14,400	13,700	16,400	14,600	13,600	14,900	14,400	13,400						
75				13,800	13,800		14,400	13,800	13,700	15,500	14,200	13,600	14,500	14,400	13,500	12,600	13,800	13,300						
80							14,000	13,700	13,700	13,900	14,000	13,500	12,500	13,400	13,400	10,700	11,800	12,900						
85							13,000	13,300	13,600	12,200	12,800	13,400	10,800	11,600	12,400	9,000	10,000	11,000						
90							11,600	11,700		10,700	11,300	11,800	9,400	10,100	10,800	7,600	8,500	9,400						
95										9,400	9,900	10,300	8,100	8,800	9,400	6,400	7,200	8,000						
100										8,300	8,700	9,000	7,000	7,600	8,100	5,200	6,000	6,700						
105										7,300	7,600	7,900	6,000	6,500	7,000	4,300	5,000	5,600						
110										6,400	6,700	6,700	5,100	5,600	6,000	3,400	4,000	4,600						
115										5,600	5,800		4,300	4,700	5,100	2,600	3,200	3,700						
120													3,500	3,900	4,200	1,900	2,400	2,900						
125													2,900	3,200	3,500		1,700	2,100						
130													2,300	2,600	2,700			1,500						
135													1,700	2,000	2,000									
140													1,200	1,400										
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/10,600	0/10,800	0/11,300	0/9,300	0/9,400	0/9,900	0/5,000	0/5,000	0/5,500	21.5/0	21.0/0	16.5/0	49.0/0	49.0/0	49.5/0						
Radius (ft)	64.7	64.7	63.6	78.0	77.9	76.5	92.1	91.9	90.4	119.7	119.4	117.6	141.3	142.2	140.0	123.6	128.3	131.9						

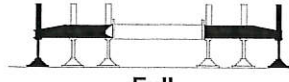
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Rated Lifting Capacities In Pounds

10.0' Hydraulic Offset Fly



2° - 45°



Full



45,000 lb

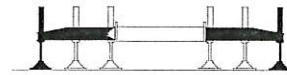
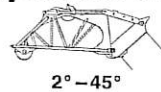


360°

Load Radius (ft)	Boom Length (ft)											
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	175.0	185.0	195.3
10	51,800	51,800										
12	47,200	51,800	48,600									
15	46,200	46,600	48,600	44,000								
20	45,000	45,500	45,000	43,700	36,900							
25	44,400	44,600	44,200	43,100	36,900	29,100	24,500					
30	44,400	44,200	43,700	42,700	36,900	29,100	24,500	23,100	20,200	15,200		
35	44,400	44,100	41,600	41,500	35,200	29,100	24,500	23,100	20,200	15,200	14,100	12,300
40	44,400	44,100	37,700	37,600	32,100	29,100	24,500	23,100	20,200	15,200	14,100	12,300
45		44,100	34,500	34,500	29,300	29,100	24,500	23,100	20,200	15,200	14,100	12,300
50		44,000	31,900	31,700	26,800	27,700	24,500	23,100	20,200	15,200	14,100	12,300
55		41,200	29,500	29,200	24,700	25,500	22,800	23,100	20,200	15,200	14,100	12,300
60			27,400	27,100	22,800	23,600	20,900	22,200	20,200	15,200	14,100	12,300
65			25,700	25,200	21,200	21,800	19,300	20,600	18,900	15,200	14,100	12,300
70			24,300	23,600	19,700	20,300	17,900	19,200	17,100	15,200	14,100	12,300
75				22,100	18,400	18,900	16,900	17,900	16,400	15,200	14,100	12,300
80				20,800	17,200	17,700	15,700	16,900	15,200	15,200	14,100	12,300
85				19,700	16,300	16,800	14,700	15,800	14,100	14,800	14,100	12,300
90					15,400	15,800	13,700	14,800	13,100	13,800	13,800	12,300
95					14,500	14,900	12,800	13,800	12,200	12,900	12,800	12,000
100					13,700	14,000	12,000	12,900	11,400	12,100	11,800	11,100
105						13,200	11,300	12,100	10,600	11,300	10,900	10,200
110						12,500	10,600	11,400	9,900	10,600	10,100	9,400
115						11,900	10,000	10,700	9,200	9,900	9,300	8,600
120							9,400	10,100	8,600	9,300	8,600	7,900
125							8,900	9,500	8,000	8,300	7,900	7,200
130							8,500	8,700	7,500	7,500	7,000	6,600
135								7,900	7,000	6,700	6,200	5,800
140								7,100	6,500	6,000	5,500	5,100
145								6,500	6,000	5,300	4,800	4,400
150									5,400	4,700	4,200	3,800
155									4,800	4,100	3,700	3,200
160									4,300	3,600	3,100	2,700
165										3,100	2,600	2,200
170										2,600	2,200	1,700
175											1,700	1,300
180											1,300	
Min. Bm. Ang./Cap.	0 / 31.600	0 / 17,200	0 / 9,600	0 / 7,800	0 / 6,300	0 / 5,000	0 / 3,700	0 / 2,500	0 / 1,300	9.0 / 0	16.0 / 0	29.5 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	161.5	172.4	180.6	177.5

Rated Lifting Capacities In Pounds

10.0' Hydraulic Offset Fly



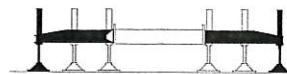
Load Radius (ft)	Boom Length (ft)										
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	170.0	180.3
10	51,800	51,800									
12	47,200	51,800	51,800								
15	46,200	46,600	51,000	51,800							
20	45,000	45,500	45,100	44,000	40,300						
25	44,400	44,600	44,400	43,400	40,300	31,400	28,700				
30	44,400	44,200	43,800	42,900	40,300	31,400	28,700	25,900	24,000		
35	44,400	44,100	43,200	41,100	37,400	31,400	28,700	25,900	24,000	22,200	19,500
40	44,400	44,100	39,200	37,200	34,300	31,400	28,700	25,900	24,000	22,200	19,500
45		44,100	36,000	34,200	31,400	30,000	28,700	25,900	24,000	22,200	19,500
50		44,000	33,400	31,400	28,800	27,500	26,800	25,900	24,000	22,200	19,500
55		41,200	31,000	29,000	26,600	25,300	24,700	24,100	24,000	22,200	19,500
60			28,900	26,900	24,700	23,300	22,900	22,200	22,300	22,200	19,500
65			27,200	25,000	23,000	21,600	21,200	20,500	20,600	21,400	19,500
70			25,700	23,400	21,500	20,100	19,700	18,900	19,100	20,000	18,600
75				22,000	20,200	18,700	18,400	17,600	17,700	18,600	16,600
80				20,700	19,000	17,500	17,200	16,600	16,700	17,400	16,000
85				19,600	17,900	16,600	16,400	15,400	15,600	16,400	14,700
90					17,000	15,600	15,300	14,400	14,600	15,400	13,600
95					16,100	14,600	14,400	13,400	13,600	14,500	12,500
100					15,300	13,800	13,600	12,600	12,700	13,500	11,500
105						13,000	12,800	11,800	11,900	12,300	10,600
110						12,300	12,100	11,000	11,200	11,000	9,800
115						11,700	11,400	10,300	10,400	9,900	9,000
120							10,600	9,700	9,300	8,800	8,300
125							9,600	9,100	8,400	7,900	7,400
130							8,800	8,200	7,500	7,000	6,600
135								7,500	6,800	6,200	5,800
140								6,700	6,000	5,500	5,100
145								6,100	5,400	4,900	4,400
150									4,800	4,200	3,800
155									4,100	3,700	3,200
160									3,600	3,200	2,700
165										2,600	2,200
170											1,700
175											1,300
Min. Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 10,200	0 / 8,600	0 / 7,000	0 / 5,600	0 / 4,200	0 / 2,900	0 / 1,600	6.0 / 0	16.5 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	161.5	168.1	175.6

Rated Lifting Capacities In Pounds

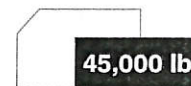
10.0' Hydraulic Offset Fly



2° - 45°



Full



45,000 lb



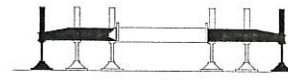
Load Radius (ft)	Boom Length (ft)								
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0
10	51,800	51,800							
12	47,200	51,800	51,800						
15	46,200	46,600	51,800	51,800					
20	45,000	45,500	45,700	45,300	51,000				
25	44,400	44,600	44,900	44,600	43,200	45,600	40,000		
30	44,400	44,200	44,300	44,100	42,800	41,800	40,000	35,900	28,500
35	44,400	44,100	43,900	43,600	41,000	40,500	38,000	35,900	28,500
40	44,400	44,100	43,700	43,300	37,200	36,700	34,500	35,700	28,500
45		44,100	43,700	43,200	34,300	33,700	31,600	32,900	28,500
50		44,000	43,700	43,200	31,500	30,900	29,000	30,400	28,000
55		41,200	42,200	42,100	29,100	28,400	26,600	28,100	25,400
60			36,600	36,500	26,900	26,200	24,500	26,100	23,100
65			32,200	32,100	25,000	24,300	22,700	24,100	21,100
70			28,400	28,300	23,400	22,500	21,000	22,300	19,300
75				25,200	21,800	20,900	19,500	20,700	17,600
80				22,500	20,500	19,500	18,100	19,200	16,400
85				20,200	19,300	18,300	17,200	17,800	15,100
90					17,900	17,200	16,000	16,000	13,800
95					16,200	15,700	15,000	14,200	12,700
100					14,600	14,100	13,500	12,700	11,600
105						12,700	12,100	11,300	10,700
110						11,400	10,800	10,000	9,500
115						10,300	9,700	8,900	8,400
120							8,700	7,800	7,400
125							7,700	6,900	6,500
130							6,800	6,100	5,600
135								5,300	4,800
140								4,500	4,100
145								3,900	3,500
150									2,800
155									2,300
Min. Bm. Ang./Cap.	0/31,600	0/17,200	0/14,400	0/11,700	0/9,200	0/7,000	0/5,000	0/3,200	0/2,000
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	156.4

Rated Lifting Capacities In Pounds

31.0' Hydraulic Offset Fly



2° - 45°



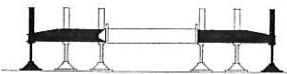
Full



45,000 lb



Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		32,200														
20	23,600	23,600		24,400	24,400													
25	21,600	17,700	17,700	22,900	22,900		24,700											
30	18,900	16,700	15,200	20,200	17,300	17,300	18,300	18,300		15,800								
35	17,700	15,900	14,700	19,200	16,700	15,000	17,900	16,000	16,000	15,800	15,800							
40	16,600	15,200	14,200	18,300	16,100	14,600	17,500	15,600	15,600	15,800	15,800		13,200					
45	15,700	14,600	13,900	17,600	15,600	14,300	17,100	15,300	14,100	15,800	14,600	14,600	13,200	13,200				
50	14,900	14,100	13,800	16,900	15,100	14,100	16,700	15,000	13,900	15,800	14,400	13,400	13,200	13,200		10,500		
55	14,300	13,800	13,800	16,200	14,700	13,900	16,300	14,700	13,700	15,600	14,200	13,300	13,200	13,200	13,400	10,500	10,500	
60	13,900	13,800	13,800	15,600	14,400	13,700	15,900	14,400	13,500	15,400	14,000	13,200	13,200	13,200	12,600	10,500	10,500	
65				15,100	14,100	13,600	15,600	14,200	13,400	15,100	13,900	13,000	13,200	13,200	12,500	10,500	10,500	10,700
70				14,700	13,900	13,600	15,200	14,000	13,300	14,900	13,700	13,000	13,200	13,100	12,500	10,500	10,500	10,700
75				14,300	13,700	13,600	14,900	13,800	13,300	14,400	13,500	12,900	13,200	13,000	12,400	10,500	10,500	10,700
80				14,000	13,600	13,600	14,600	13,600	13,200	13,300	13,400	12,800	12,900	12,900	12,300	10,500	10,500	10,700
85				13,800	13,600	13,600	13,900	13,500	13,200	12,400	12,600	12,800	12,000	12,200	12,300	10,500	10,500	10,700
90				13,700	13,600		13,100	13,100	13,200	11,600	11,700	11,900	11,100	11,300	11,600	10,500	10,500	10,700
95							12,300	12,400	12,500	10,900	11,000	11,100	10,300	10,500	10,800	10,500	10,500	10,700
100							11,600	11,700	11,800	10,200	10,300	10,400	9,600	9,800	10,000	9,900	10,300	10,700
105							10,900	11,000	11,200	9,500	9,600	9,800	8,900	9,100	9,300	9,100	9,500	9,900
110							10,300	10,400	10,500	8,900	9,000	9,200	8,300	8,500	8,700	8,400	8,800	9,100
115							9,800	9,900		8,400	8,500	8,600	7,700	7,900	8,100	7,700	8,100	8,400
120							9,400	9,400		7,900	8,000	8,100	7,200	7,300	7,500	7,100	7,400	7,700
125										7,400	7,500	7,600	6,700	6,800	7,000	6,400	6,800	7,100
130										7,000	7,100	7,200	6,200	6,300	6,500	5,900	6,200	6,500
135										6,600	6,700	6,700	5,700	5,900	6,000	5,300	5,600	5,900
140										6,200	6,300	6,400	5,300	5,500	5,600	4,800	5,100	5,400
145										5,900	6,000		4,900	5,100	5,200	4,300	4,600	4,900
150										5,700	5,700		4,600	4,700	4,800	3,900	4,100	4,400
155													4,200	4,300	4,400	3,500	3,700	3,900
160													3,900	4,000	4,100	3,000	3,300	3,500
165													3,600	3,700	3,800	2,500	2,800	3,100
170													3,300	3,400	3,500	2,000	2,300	2,600
175													3,100	3,200		1,600	1,900	2,100
180													2,800	2,900		1,200	1,400	1,600
185													2,500					1,200
Min. Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/6,800	0/6,800	0/7,100	0/5,000	0/5,100	0/5,300	0/3,200	0/3,300	0/3,400	0/1,300	0/1,300	0/1,400	40.5/0	41.0/0	41.0/0
Radius (ft)	64.7	64.7	63.6	93.7	93.5	91.9	123.4	123.1	121.3	154.0	153.6	151.7	185.4	185.0	183.0	181.2	183.8	186.3

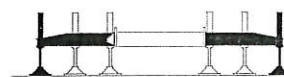
Rated Lifting Capacities In Pounds 31.0' Hydraulic Offset Fly  2° - 45°  Full  45,000 lb   360°																		
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		33,100														
20	23,600	23,600		24,600	24,600		27,000											
25	21,600	17,700	17,700	23,100	23,100		19,600	19,600										
30	18,900	16,700	15,200	21,700	17,400	17,400	19,100	19,100		18,300								
35	17,700	15,900	14,700	19,300	16,700	15,000	18,600	16,400	16,400	17,600	17,600		16,100					
40	16,600	15,200	14,200	18,400	16,100	14,700	18,100	16,000	14,500	17,300	15,500	15,500	16,100	16,100				
45	15,700	14,600	13,900	17,500	15,600	14,300	17,600	15,600	14,300	17,000	15,300	14,000	16,100	16,100		13,300		
50	14,900	14,100	13,800	16,800	15,100	14,100	17,100	15,300	14,100	16,700	15,000	13,800	16,000	14,600	14,600	13,300	13,300	
55	14,300	13,800	13,800	16,100	14,700	13,900	16,700	14,900	13,900	16,400	14,800	13,700	15,800	14,400	13,300	13,300	13,300	
60	13,900	13,800	13,800	15,600	14,400	13,700	16,200	14,600	13,700	16,100	14,500	13,500	15,600	14,200	13,200	13,300	13,300	13,400
65				15,000	14,100	13,700	15,800	14,400	13,600	15,800	14,300	13,400	15,400	14,000	13,100	13,300	13,300	13,300
70				14,600	13,800	13,700	15,400	14,100	13,500	15,500	14,100	13,300	15,200	13,900	13,000	13,300	13,200	12,500
75				14,200	13,700	13,700	15,000	13,900	13,400	15,200	13,900	13,200	14,900	13,700	12,900	13,300	13,100	12,400
80				13,900	13,700	13,700	14,700	13,700	13,400	14,200	13,700	13,100	13,800	13,600	12,900	13,300	13,000	12,400
85				13,700	13,700		14,400	13,600	13,400	13,300	13,400	13,100	12,900	13,000	12,800	13,300	12,900	12,300
90				13,700			13,800	13,500	13,400	12,400	12,500	12,700	12,000	12,200	12,400	12,300	12,800	12,300
95							13,100	13,100	13,200	11,600	11,700	11,900	11,100	11,300	11,500	11,400	11,800	12,200
100							12,400	12,400	12,500	10,900	11,000	11,100	10,400	10,600	10,800	10,500	10,900	11,300
105							11,700	11,800	11,900	10,300	10,300	10,500	9,700	9,900	10,000	9,700	10,100	10,500
110							11,200	11,200		9,600	9,700	9,800	9,000	9,200	9,400	8,900	9,300	9,700
115							10,700	10,700		9,100	9,200	9,300	8,400	8,600	8,800	8,200	8,600	8,900
120										8,600	8,700	8,700	7,900	8,000	8,200	7,600	7,900	8,200
125										8,100	8,200	8,300	7,400	7,500	7,600	6,900	7,200	7,500
130										7,700	7,800	7,800	6,900	7,000	7,100	6,300	6,600	6,900
135										7,300	7,400		6,400	6,500	6,700	5,800	6,100	6,300
140										7,000	7,000		6,000	6,100	6,200	5,300	5,500	5,800
145										5,400			5,600	5,700	5,800	4,800	5,000	5,300
150													5,200	5,300	5,400	4,200	4,600	4,800
155													4,900	5,000	5,000	3,600	4,000	4,200
160													4,600	4,700	4,700	3,100	3,400	3,600
165													4,200	4,300		2,600	2,900	3,100
170													3,700	3,700		2,100	2,400	2,600
175																1,700	1,900	2,100
180																1,300	1,500	1,600
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/7,300	0/7,400	0/7,700	0/5,600	0/5,700	0/5,900	0/3,800	0/3,900	0/4,100	0/2,000	0/2,000	0/2,100	32.0/0	32.0/0	32.0/0
Radius (ft)	64.7	64.7	63.6	90.7	90.5	89.0	117.4	117.1	115.4	145.0	144.7	142.7	173.4	173.0	171.0	182.5	185.0	185.0

Rated Lifting Capacities In Pounds

31.0' Hydraulic Offset Fly



2° - 45°



Full



45,000 lb



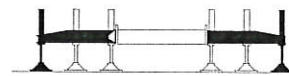
Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		34,000			34,500											
20	23,600	23,600		24,500	24,500		25,100	25,100										
25	21,600	17,700	17,700	22,700	18,200	18,200	23,500	23,500		23,700	23,700							
30	18,900	16,700	15,200	20,000	17,300	15,400	20,800	17,600	17,600	22,600	22,600		26,700					
35	17,700	15,900	14,700	18,800	16,500	15,000	19,700	16,900	15,200	21,600	17,100	17,100	19,400	19,400				
40	16,600	15,200	14,200	17,800	15,800	14,500	18,700	16,300	14,800	19,300	16,600	14,900	18,900	16,400	16,400	18,700		
45	15,700	14,600	13,900	16,900	15,200	14,200	17,900	15,800	14,500	18,600	16,200	14,600	18,500	16,100	16,100	17,400	17,400	
50	14,900	14,100	13,800	16,100	14,800	14,000	17,100	15,300	14,200	18,000	15,700	14,300	18,000	15,700	14,300	17,100	15,200	15,200
55	14,300	13,800	13,800	15,400	14,300	13,800	16,400	14,900	14,000	17,400	15,400	14,100	17,600	15,400	14,100	16,800	15,000	13,700
60	13,900	13,800	13,800	14,800	14,000	13,700	15,800	14,500	13,800	16,900	15,000	13,900	17,100	15,100	13,900	16,500	14,800	13,600
65				14,300	13,800	13,700	15,200	14,200	13,700	16,400	14,700	13,800	16,700	14,900	13,800	16,300	14,600	13,500
70				14,000	13,800	13,700	14,800	14,000	13,700	15,900	14,400	13,700	16,400	14,600	13,600	16,000	14,400	13,400
75				13,800	13,800		14,400	13,800	13,700	15,500	14,200	13,600	16,000	14,400	13,500	15,700	14,200	13,300
80							14,000	13,700	13,700	15,100	14,000	13,500	15,600	14,200	13,400	15,100	14,000	13,200
85							13,800	13,700	13,700	14,800	13,800	13,500	14,500	14,000	13,400	13,900	13,800	13,100
90							13,800	13,700		14,400	13,700	13,500	13,500	13,600	13,300	12,800	13,200	13,000
95										14,200	13,600	13,500	12,600	12,700	12,900	11,800	12,200	12,600
100										13,500	13,500	13,500	11,800	11,900	12,000	10,800	11,200	11,600
105										12,800	12,800	12,800	11,100	11,200	11,300	10,000	10,300	10,700
110										12,200	12,200	12,200	10,400	10,500	10,600	9,200	9,500	9,800
115										11,600	11,600		9,700	9,800	9,900	8,400	8,700	9,100
120													9,100	9,200	9,300	7,700	8,000	8,300
125													8,600	8,700	8,700	7,100	7,300	7,600
130													8,100	8,100	8,200	6,400	6,700	7,000
135													7,300	7,500	7,500	5,600	6,000	6,300
140													6,600	6,700		4,900	5,200	5,500
145													5,900	6,000		4,200	4,500	4,800
150																3,600	3,900	4,100
155																3,000	3,300	3,400
160																2,500	2,700	2,800
165																2,000	2,200	
170																1,600	1,700	
175																1,200		
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/10,600	0/10,800	0/11,300	0/9,300	0/9,400	0/9,900	0/6,600	0/6,700	0/7,000	0/4,000	0/4,100	0/4,300	12.5/0	12.5/0	7.5/0
Radius (ft)	64.7	64.7	63.6	78.0	77.9	76.5	92.1	91.9	90.4	119.7	119.4	117.6	148.2	147.8	145.9	175.9	174.3	171.3

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



2° - 45°



Full



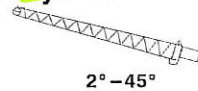
45,000 lb



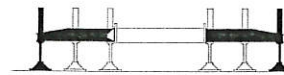
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			16,500														
25	13,600	13,600		15,700														
30	12,600	12,600		15,000			13,700											
35	11,700	11,700		12,100	12,100		13,300											
40	10,900	9,700	9,700	11,500	11,500		11,200	11,200		12,100								
45	10,300	9,200	9,200	11,000	9,500	9,500	10,900	10,900		11,800			10,100					
50	9,700	8,800	8,100	10,500	9,100	9,100	10,500	10,500		10,200	10,200		10,100					
55	9,200	8,400	7,800	10,000	8,800	8,000	10,200	8,800	8,800	9,900	9,900		10,100					
60	8,700	8,100	7,600	9,600	8,500	7,800	9,900	8,600	8,600	9,700	9,700		9,300	9,300		8,000		
65	8,300	7,800	7,400	9,200	8,300	7,600	9,600	8,400	7,600	9,500	8,300	8,300	9,100	9,100		8,000		
70	8,000	7,600	7,300	8,900	8,100	7,500	9,300	8,200	7,500	9,300	8,200	8,200	8,900	8,900		8,000		
75	7,700	7,400	7,300	8,600	7,900	7,400	9,000	8,000	7,400	9,100	8,000	7,300	8,800	7,800	7,800	8,000	8,100	
80	7,400	7,300	7,300	8,300	7,700	7,300	8,800	7,900	7,300	8,900	7,900	7,200	8,600	7,700	7,700	8,000	8,100	
85	7,300	7,300		8,100	7,500	7,200	8,500	7,700	7,200	8,700	7,700	7,200	8,500	7,600	7,000	8,000	7,200	7,200
90				7,800	7,400	7,200	8,300	7,600	7,200	8,500	7,600	7,100	8,400	7,500	6,900	7,900	7,200	7,200
95				7,600	7,300	7,200	8,100	7,500	7,100	8,300	7,500	7,000	8,200	7,400	6,900	7,800	7,100	7,100
100				7,500	7,200	7,200	8,000	7,400	7,100	8,200	7,400	7,000	8,100	7,300	6,800	7,700	7,000	6,600
105				7,300	7,200	7,200	7,800	7,300	7,000	8,000	7,300	6,900	8,000	7,200	6,800	7,600	7,000	6,600
110				7,200	7,200	7,200	7,600	7,200	7,000	7,900	7,200	6,900	7,600	7,200	6,800	7,500	6,900	6,500
115				7,200	7,200		7,500	7,100	7,000	7,500	7,200	6,900	7,100	7,100	6,700	7,400	6,800	6,500
120							7,400	7,100	7,000	7,000	7,100	6,900	6,600	6,800	6,700	6,800	6,800	6,500
125							7,300	7,100	7,000	6,600	6,700	6,900	6,300	6,600	6,600	6,200	6,700	6,500
130							7,200	7,100	7,000	6,200	6,300	6,500	5,600	5,900	6,100	5,700	6,100	6,400
135							6,900	7,000	7,000	5,800	5,900	6,000	5,200	5,400	5,700	5,100	5,600	6,100
140							6,700	6,700		5,400	5,500	5,700	4,800	5,000	5,200	4,700	5,100	5,600
145							6,500	6,500		5,100	5,200	5,300	4,400	4,600	4,800	4,200	4,600	5,000
150										4,800	4,900	5,000	4,100	4,300	4,500	3,800	4,200	4,600
155										4,500	4,600	4,700	3,700	3,900	4,100	3,300	3,700	4,100
160										4,300	4,400	4,400	3,400	3,600	3,800	2,900	3,300	3,700
165										4,100	4,100	4,200	3,100	3,300	3,400	2,600	2,900	3,300
170										3,900	3,900		2,900	3,000	3,100	2,200	2,500	2,900
175										3,800	3,800		2,600	2,700	2,800	1,900	2,200	2,500
180													2,400	2,500	2,600	1,500	1,800	2,100
185													2,100	2,200	2,300	1,200	1,500	1,700
190													1,900	2,000	2,100		1,200	1,400
195													1,800	1,800				
200													1,600	1,600				
205													1,500					
Min. Bm. Ang./Cap.	0/7,300	0/7,300	0/7,300	0/4,200	0/4,300	0/4,500	0/2,900	0/3,000	0/3,200	0/1,600	0/1,600	0/1,800	23.5/0	26.0/0	28.0/0	48.5/0	50.5/0	50.5/0
Radius (ft)	88.7	88.6	86.9	117.7	117.2	114.8	147.4	146.8	143.8	178.0	177.2	173.9	205.8	201.1	192.3	186.7	191.3	193.8

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



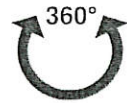
2°-45°



Full



45,000 lb



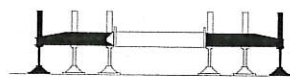
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			17,000														
25	13,600	13,600		16,100														
30	12,600	12,600		12,900	12,900		14,300											
35	11,700	11,700		12,200	12,200		13,900					13,200						
40	10,900	9,700	9,700	11,600	11,600		11,500	11,500				12,900						
45	10,300	9,200	9,200	11,000	9,500	9,500	11,100	11,100		10,900	10,900		11,900					
50	9,700	8,800	8,100	10,500	9,200	9,200	10,700	9,200	9,200	10,600	10,600		11,700					
55	9,200	8,400	7,800	10,000	8,800	8,000	10,300	9,000	9,000	10,300	10,300		10,000	10,000		9,900		
60	8,700	8,100	7,600	9,600	8,500	7,800	10,000	8,700	8,700	10,000	8,700	8,700	9,800	9,800		9,900		
65	8,300	7,800	7,400	9,200	8,300	7,600	9,700	8,500	7,700	9,800	8,500	8,500	9,600	9,600		9,100	9,100	
70	8,000	7,600	7,300	8,900	8,000	7,500	9,300	8,300	7,600	9,500	8,300	7,500	9,400	8,200	8,200	9,000	9,000	
75	7,700	7,400	7,300	8,500	7,800	7,400	9,100	8,100	7,400	9,300	8,200	7,400	9,200	8,100	8,100	8,800	8,800	
80	7,400	7,300	7,300	8,300	7,700	7,300	8,800	7,900	7,300	9,100	8,000	7,300	9,000	8,000	7,300	8,700	7,700	7,700
85	7,300	7,300		8,000	7,500	7,200	8,600	7,800	7,300	8,800	7,900	7,300	8,900	7,900	7,200	8,500	7,600	7,600
90				7,800	7,400	7,200	8,300	7,600	7,200	8,600	7,700	7,200	8,700	7,700	7,100	8,400	7,500	7,000
95				7,600	7,300	7,200	8,100	7,500	7,100	8,400	7,600	7,100	8,500	7,600	7,100	8,300	7,400	6,900
100				7,400	7,200	7,200	7,900	7,400	7,100	8,300	7,500	7,100	8,400	7,500	7,000	8,200	7,400	6,800
105				7,300	7,200	7,200	7,800	7,300	7,100	8,100	7,400	7,000	8,200	7,400	7,000	8,100	7,300	6,800
110				7,300	7,200		7,600	7,200	7,100	7,900	7,300	7,000	8,100	7,300	6,900	7,900	7,200	6,800
115							7,500	7,200	7,100	7,800	7,200	7,000	7,700	7,300	6,900	7,800	7,100	6,700
120							7,300	7,100	7,100	7,600	7,200	7,000	7,200	7,200	6,900	7,400	7,100	6,700
125							7,300	7,100	7,100	7,200	7,100	7,000	6,700	6,900	6,900	6,800	7,000	6,700
130							7,200	7,100	7,100	6,800	6,800	7,000	6,300	6,500	6,700	6,200	6,700	6,700
135							7,200	7,100		6,400	6,500	6,600	5,800	6,000	6,200	5,700	6,100	6,600
140							7,200			6,000	6,100	6,200	5,400	5,600	5,800	5,200	5,600	6,000
145										5,700	5,800	5,800	5,000	5,200	5,400	4,700	5,100	5,500
150										5,400	5,500	5,500	4,700	4,800	5,000	4,300	4,700	5,000
155										5,200	5,200	5,300	4,400	4,500	4,700	3,900	4,200	4,600
160										5,000	5,000		4,100	4,200	4,300	3,500	3,800	4,100
165										4,800	4,800		3,800	3,900	4,000	3,100	3,400	3,700
170													3,500	3,600	3,700	2,700	3,000	3,300
175													3,200	3,300	3,400	2,400	2,700	2,900
180													3,000	3,100	3,200	2,000	2,300	2,600
185													2,800	2,900		1,600	2,000	2,200
190													2,700	2,700		1,200	1,600	1,900
195													2,500				1,200	1,500
Min. Bm. Ang./Cap.	0/7,300	0/7,300	0/7,300	0/4,600	0/4,700	0/5,000	0/3,400	0/3,500	0/3,700	0/2,100	0/2,200	0/2,300	18.5/0	18.0/0	17.0/0	41.0/0	41.5/0	41.5/0
Radius (ft)	88.7	88.6	86.9	114.7	114.3	111.8	141.4	140.8	137.9	169.0	168.3	165.0	195.8	190.9	182.6	191.7	196.7	199.0

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



2° - 45°



Full

45,000 lb



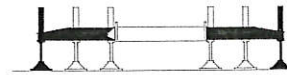
Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			18,100			17,900											
25	13,600	13,600		16,600			16,900			16,600								
30	12,600	12,600		12,900	12,900		13,200	13,200		15,900								
35	11,700	11,700		12,100	12,100		12,400	12,400		15,200			14,700					
40	10,900	9,700	9,700	11,400	9,900	9,900	11,800	11,800		12,100	12,100		14,200					
45	10,300	9,200	9,200	10,800	9,400	9,400	11,200	9,600	9,600	11,600	11,600		11,600	11,600		12,900		
50	9,700	8,800	8,100	10,200	9,000	9,000	10,700	9,300	9,300	11,100	9,400	9,400	11,200	11,200		12,600		
55	9,200	8,400	7,800	9,700	8,700	8,000	10,200	8,900	8,100	10,700	9,200	9,200	10,800	10,800		10,500	10,500	
60	8,700	8,100	7,600	9,300	8,400	7,700	9,800	8,600	7,900	10,300	8,900	8,900	10,500	9,000	9,000	10,300	10,300	
65	8,300	7,800	7,400	8,900	8,100	7,600	9,400	8,400	7,700	10,000	8,700	7,800	10,200	8,800	8,800	10,000	10,000	
70	8,000	7,600	7,300	8,500	7,900	7,400	9,000	8,100	7,500	9,600	8,400	7,700	9,900	8,600	7,700	9,800	8,500	8,500
75	7,700	7,400	7,300	8,200	7,600	7,300	8,700	7,900	7,400	9,300	8,200	7,500	9,600	8,400	7,600	9,600	8,300	8,300
80	7,400	7,300	7,300	7,900	7,500	7,200	8,400	7,700	7,300	9,000	8,100	7,400	9,400	8,200	7,500	9,400	8,200	7,400
85	7,300	7,300		7,700	7,300	7,200	8,100	7,600	7,300	8,800	7,900	7,300	9,100	8,100	7,400	9,200	8,000	7,300
90				7,500	7,300	7,200	7,900	7,400	7,200	8,500	7,700	7,300	8,900	7,900	7,300	9,000	7,900	7,200
95				7,300	7,200	7,200	7,700	7,300	7,200	8,300	7,600	7,200	8,700	7,800	7,200	8,800	7,800	7,200
100				7,300	7,200		7,500	7,300	7,200	8,100	7,500	7,200	8,500	7,700	7,200	8,600	7,700	7,100
105							7,400	7,200	7,200	7,900	7,400	7,200	8,300	7,500	7,100	8,400	7,600	7,100
110							7,300	7,200		7,700	7,300	7,100	8,100	7,400	7,100	8,300	7,500	7,000
115							7,300			7,600	7,200	7,100	8,000	7,400	7,100	8,100	7,400	7,000
120										7,500	7,200	7,100	7,800	7,300	7,100	7,700	7,300	7,000
125										7,300	7,200	7,100	7,700	7,200	7,100	7,000	7,200	6,900
130										7,300	7,200	7,100	7,400	7,200	7,000	6,400	6,900	6,900
135										7,200	7,200	7,100	6,900	7,000	7,000	5,900	6,300	6,700
140										7,200	7,200		6,500	6,600	6,700	5,400	5,700	6,100
145													6,100	6,200	6,300	4,900	5,200	5,600
150													5,800	5,800	5,900	4,400	4,800	5,100
155													5,400	5,500	5,600	4,000	4,300	4,600
160													5,200	5,200	5,300	3,500	3,900	4,100
165													4,700	4,900		3,000	3,400	3,700
170													4,200	4,300		2,500	2,900	3,300
175																2,100	2,400	2,700
180																1,700	2,000	2,100
185																1,300	1,500	
Min. Bm. Ang./Cap. Radius (ft)	0/7,300	0/7,300	0/7,300	0/6,600	0/6,800	0/7,200	0/5,800	0/6,000	0/6,400	0/4,000	0/4,100	0/4,500	0/2,200	0/2,300	0/2,500	30.5/0	30.5/0	33.5/0
Radius (ft)	88.7	88.6	86.9	102.0	101.7	99.6	116.1	115.7	113.2	143.7	143.1	140.1	172.1	171.4	168.1	187.5	190.0	185.0

Rated Lifting Capacities In Pounds

73.0' Hydraulic Offset Fly



2° - 45°



Full

45,000 lb



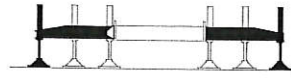
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
20	17,200																	
25	16,100			14,200														
30	13,100	13,100		13,800														
35	12,400	12,400		11,900	11,900		12,400											
40	11,700	10,100	10,100	11,400	11,400		12,100			10,300								
45	11,000	9,600	9,600	11,000	11,000		10,600	10,600		10,300								
50	10,500	9,200	9,200	10,600	9,200	9,200	10,400	10,400		10,300								
55	10,000	8,900	8,000	10,300	8,900	8,900	10,100	10,100		9,600	9,600		8,200					
60	9,300	8,500	7,800	9,900	8,700	7,800	9,800	8,600	8,600	9,400	9,400		8,200			6,500		
65	8,600	8,300	7,600	9,600	8,500	7,700	9,600	8,400	8,400	9,200	9,200		8,200	8,300		6,500		
70	7,900	7,800	7,500	9,000	8,200	7,500	9,400	8,200	7,500	9,100	8,000	8,000	8,200	8,300		6,500		
75	7,300	7,200	7,200	8,500	7,800	7,400	9,100	8,100	7,300	8,900	7,900	7,900	8,200	8,300		6,500		
80	6,800	6,700	6,700	7,900	7,300	7,000	8,700	7,700	7,000	8,700	7,800	6,900	8,200	7,400	7,400	6,500	6,600	
85	6,400	6,300	6,300	7,500	6,900	6,600	8,200	7,300	6,700	8,600	7,500	6,600	8,100	7,400	7,400	6,500	6,600	
90	6,000	5,900	5,900	7,000	6,600	6,300	7,800	7,000	6,400	8,300	7,200	6,400	8,000	7,200	6,300	6,500	6,600	
95	5,700	5,600	5,600	6,700	6,300	6,000	7,400	6,600	6,200	7,900	6,900	6,200	7,900	7,000	6,100	6,500	6,600	6,700
100	5,500	5,400	5,400	6,300	6,000	5,800	7,100	6,400	5,900	7,600	6,600	6,000	7,800	6,700	5,900	6,500	6,600	6,700
105	5,400	5,400		6,000	5,700	5,600	6,700	6,100	5,700	7,300	6,300	5,800	7,600	6,500	5,700	6,500	6,500	5,600
110				5,800	5,500	5,400	6,500	5,900	5,500	7,000	6,100	5,600	7,200	6,200	5,600	6,500	6,300	5,500
115				5,500	5,300	5,300	6,200	5,700	5,400	6,700	5,900	5,400	6,600	6,000	5,400	5,800	6,100	5,300
120				5,400	5,200	5,200	5,900	5,500	5,200	6,300	5,700	5,300	6,100	5,800	5,300	5,200	5,600	5,200
125				5,200	5,100	5,100	5,700	5,300	5,100	5,900	5,500	5,100	5,600	5,700	5,100	4,600	5,000	5,000
130				5,200	5,100		5,500	5,200	5,000	5,500	5,400	5,000	5,100	5,400	5,000	4,000	4,500	4,900
135				5,200			5,400	5,000	4,900	5,100	5,200	4,900	4,700	4,900	4,900	3,500	3,900	4,400
140							5,200	4,900	4,900	4,700	4,900	4,800	4,300	4,500	4,800	3,000	3,400	3,900
145							5,000	4,900	4,900	4,400	4,500	4,700	3,900	4,100	4,400	2,500	2,900	3,400
150							4,800	4,800	4,800	4,100	4,200	4,300	3,600	3,800	4,000	2,100	2,500	3,000
155							4,500	4,500	4,600	3,800	3,900	4,000	3,200	3,400	3,700	1,700	2,100	2,500
160							4,400	4,400		3,500	3,600	3,700	2,900	3,100	3,300	1,300	1,700	2,100
165							4,400			3,200	3,300	3,400	2,600	2,800	3,000		1,300	1,700
170										3,000	3,100	3,200	2,300	2,500	2,700			1,300
175										2,800	2,800	2,900	2,000	2,200	2,400			
180										2,600	2,600	2,700	1,800	1,900	2,100			
185										2,400	2,400	2,500	1,500	1,600	1,800			
190										2,300	2,300		1,300	1,400	1,500			
195										2,300				1,200	1,300			
Min. Bm. Ang./Cap.	0/5,400	0/5,400	0/5,400	0/4,300	0/4,400	0/4,700	0/3,000	0/3,000	0/3,200	01,500	0/1,500	0/1,700	41.0/0	42.5/0	42.5/0	59.5/0	61.0/0	62.0/0
Radius (ft)	106.7	106.1	103.7	135.7	134.9	131.9	165.4	164.5	161.1	196.0	195.0	191.4	193.3	196.7	198.3	162.5	167.5	172.5

Rated Lifting Capacities In Pounds

10.0' Hydraulic Offset Fly



2°-45°



Full



60,000 lb



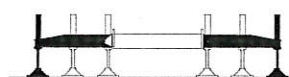
Load Radius (ft)	Boom Length (ft)											
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	175.0	185.0	195.3
10	51,800	51,800										
12	47,200	51,800	48,600									
15	46,200	46,600	48,600	44,000								
20	45,000	45,500	45,000	43,700	36,900							
25	44,400	44,600	44,200	43,100	36,900	29,100	24,500					
30	44,400	44,200	43,700	42,700	36,900	29,100	24,500	23,100	20,200	15,200		
35	44,400	44,100	41,600	41,500	35,200	29,100	24,500	23,100	20,200	15,200	14,100	12,300
40	44,400	44,100	37,700	37,600	32,100	29,100	24,500	23,100	20,200	15,200	14,100	12,300
45		44,100	34,500	34,500	29,300	29,100	24,500	23,100	20,200	15,200	14,100	12,300
50		44,000	31,900	31,700	26,800	27,700	24,500	23,100	20,200	15,200	14,100	12,300
55		42,100	29,500	29,200	24,700	25,500	22,800	23,100	20,200	15,200	14,100	12,300
60			27,400	27,100	22,800	23,600	20,900	22,200	20,200	15,200	14,100	12,300
65			25,700	25,200	21,200	21,800	19,300	20,600	18,900	15,200	14,100	12,300
70			24,300	23,600	19,700	20,300	17,900	19,200	17,100	15,200	14,100	12,300
75				22,100	18,400	18,900	16,900	17,900	16,400	15,200	14,100	12,300
80				20,800	17,200	17,700	15,700	16,900	15,200	15,200	14,100	12,300
85				19,700	16,300	16,800	14,700	15,800	14,100	14,800	14,100	12,300
90					15,400	15,800	13,700	14,800	13,100	13,800	13,800	12,300
95					14,500	14,900	12,800	13,800	12,200	12,900	12,800	12,000
100					13,700	14,000	12,000	12,900	11,400	12,100	11,800	11,100
105						13,200	11,300	12,100	10,600	11,300	10,900	10,200
110						12,500	10,600	11,400	9,900	10,600	10,100	9,400
115						11,900	10,000	10,700	9,200	9,900	9,300	8,600
120							9,400	10,100	8,600	9,300	8,600	7,900
125							8,900	9,500	8,000	8,700	7,900	7,200
130							8,500	9,000	7,500	8,100	7,300	6,600
135								8,500	7,000	7,600	6,700	6,000
140								8,000	6,500	7,100	6,100	5,400
145								7,600	6,100	6,700	5,600	4,900
150									5,700	6,200	5,100	4,400
155									5,300	5,800	4,700	4,000
160									5,000	5,500	4,200	3,500
165										5,100	3,800	3,100
170												
175										4,700	3,400	2,700
180											3,100	2,400
185											2,700	2,000
190												1,700
Min.Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 9,600	0 / 7,800	0 / 6,300	0 / 5,000	0 / 3,700	0 / 2,500	0 / 1,300	6.0 / 0	9.5 / 0	12.5 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	161.5	173.0	182.2	194.0

Rated Lifting Capacities In Pounds

10.0' Hydraulic Offset Fly



2°-45°



Full

60,000 lb



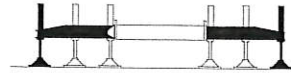
Load Radius (ft)	Boom Length (ft)										
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	160.0	170.0	180.3
10	51,800	51,800									
12	47,200	51,800	51,800								
15	46,200	46,600	51,000	51,800							
20	45,000	45,500	45,100	44,000	40,300						
25	44,400	44,600	44,400	43,400	40,300	31,400	28,700				
30	44,400	44,200	43,800	42,900	40,300	31,400	28,700	25,900	24,000		
35	44,400	44,100	43,200	41,100	37,400	31,400	28,700	25,900	24,000	22,200	19,500
40	44,400	44,100	39,200	37,200	34,300	31,400	28,700	25,900	24,000	22,200	19,500
45		44,100	36,000	34,200	31,400	30,000	28,700	25,900	24,000	22,200	19,500
50		44,000	33,400	31,400	28,800	27,500	26,800	25,900	24,000	22,200	19,500
55		42,100	31,000	29,000	26,600	25,300	24,700	24,100	24,000	22,200	19,500
60			28,900	26,900	24,700	23,300	22,900	22,200	22,300	22,200	19,500
65			27,200	25,000	23,000	21,600	21,200	20,500	20,600	21,400	19,500
70			25,700	23,400	21,500	20,100	19,700	18,900	19,100	20,000	18,600
75				22,000	20,200	18,700	18,400	17,600	17,700	18,600	16,600
80				20,700	19,000	17,500	17,200	16,600	16,700	17,400	16,000
85				19,600	17,900	16,600	16,400	15,400	15,600	16,400	14,700
90					17,000	15,600	15,300	14,400	14,600	15,400	13,600
95					16,100	14,600	14,400	13,400	13,600	14,500	12,500
100					15,300	13,800	13,600	12,600	12,700	13,500	11,500
105						13,000	12,800	11,800	11,900	12,700	10,600
110						12,300	12,100	11,000	11,200	11,800	9,800
115						11,700	11,400	10,300	10,500	11,100	9,000
120							10,800	9,700	9,800	10,400	8,300
125							10,300	9,100	9,200	9,700	7,600
130							9,800	8,600	8,700	9,100	7,000
135								8,100	8,200	8,500	6,400
140								7,600	7,700	8,000	5,800
145								7,200	7,200	7,300	5,300
150									6,800	6,600	4,800
155									6,400	6,000	4,300
160									5,900	5,400	3,900
165										4,800	3,500
170											3,100
175											2,700
Min.Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 10,200	0 / 8,600	0 / 7,000	0 / 5,600	0 / 4,200	0 / 2,900	0 / 1,600	4.5 / 0	10.0 / 0
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	161.5	168.5	177.4

Rated Lifting Capacities In Pounds

10.0' Hydraulic Offset Fly



2° - 45°



Full



60,000 lb



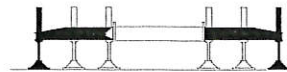
Load Radius (ft)	Boom Length (ft)								
	42.3	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0
10	51,800	51,800							
12	47,200	51,800	51,800						
15	46,200	46,600	51,800	51,800					
20	45,000	45,500	45,700	45,300	51,000				
25	44,400	44,600	44,900	44,600	43,200	45,600	40,000		
30	44,400	44,200	44,300	44,100	42,800	41,800	40,000	35,900	28,500
35	44,400	44,100	43,900	43,600	41,000	40,500	38,000	35,900	28,500
40	44,400	44,100	43,700	43,300	37,200	36,700	34,500	35,700	28,500
45		44,100	43,700	43,200	34,300	33,700	31,600	32,900	28,500
50		44,000	43,700	43,200	31,500	30,900	29,000	30,400	28,000
55		42,100	43,700	43,200	29,100	28,400	26,600	28,100	25,400
60			43,000	40,300	26,900	26,200	24,500	26,100	23,100
65			37,900	37,600	25,000	24,300	22,700	24,100	21,100
70			33,700	33,600	23,400	22,500	21,000	22,300	19,300
75				30,100	21,800	20,900	19,500	20,700	17,600
80				27,000	20,500	19,500	18,100	19,200	16,400
85				24,400	19,300	18,300	17,200	17,800	15,100
90					18,200	17,200	16,000	16,800	13,800
95					17,200	16,200	15,000	15,600	12,700
100					16,500	15,300	14,000	14,600	11,600
105						14,400	13,100	13,600	10,700
110						13,500	12,300	12,600	9,800
115						12,800	11,500	11,700	9,000
120							10,800	10,900	8,200
125							10,200	9,800	7,500
130							9,600	8,900	6,800
135								8,000	6,200
140								7,100	5,600
145								6,400	5,100
150									4,500
155									4,100
Min.Bm. Ang./Cap.	0 / 31,600	0 / 17,200	0 / 14,400	0 / 11,700	0 / 9,200	0 / 7,000	0 / 5,000	0 / 3,200	0 / 2,000
Radius (ft)	44.0	56.5	71.5	86.5	101.5	116.5	131.5	146.5	156.5

Rated Lifting Capacities In Pounds

31.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



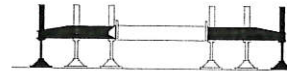
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		32,200														
20	23,600	23,600		24,400	24,400													
25	21,600	17,700	17,700	22,900	22,900		24,700											
30	18,900	16,700	15,200	20,200	17,300	17,300	18,300	18,300		15,800								
35	17,700	15,900	14,700	19,200	16,700	15,000	17,900	16,000	16,000	15,800	15,800							
40	16,600	15,200	14,200	18,300	16,100	14,600	17,500	15,600	15,600	15,800	15,800		13,200					
45	15,700	14,600	13,900	17,600	15,600	14,300	17,100	15,300	14,100	15,800	14,600	14,600	13,200	13,200				
50	14,900	14,100	13,800	16,900	15,100	14,100	16,700	15,000	13,900	15,800	14,400	13,400	13,200	13,200		10,500		
55	14,300	13,800	13,800	16,200	14,700	13,900	16,300	14,700	13,700	15,600	14,200	13,300	13,200	13,200	13,400	10,500	10,500	
60	13,900	13,800	13,800	15,600	14,400	13,700	15,900	14,400	13,500	15,400	14,000	13,200	13,200	13,200	12,600	10,500	10,500	
65				15,100	14,100	13,600	15,600	14,200	13,400	15,100	13,900	13,000	13,200	13,200	12,500	10,500	10,500	10,700
70				14,700	13,900	13,600	15,200	14,000	13,300	14,900	13,700	13,000	13,200	13,100	12,500	10,500	10,500	10,700
75				14,300	13,700	13,600	14,900	13,800	13,300	14,400	13,500	12,900	13,200	13,000	12,400	10,500	10,500	10,700
80				14,000	13,600	13,600	14,600	13,600	13,200	13,300	13,400	12,800	12,900	12,900	12,300	10,500	10,500	10,700
85				13,800	13,600	13,600	13,900	13,500	13,200	12,400	12,600	12,800	12,000	12,200	12,300	10,500	10,500	10,700
90				13,700	13,600		13,100	13,100	13,200	11,600	11,700	11,900	11,100	11,300	11,600	10,500	10,500	10,700
95							12,300	12,400	12,500	10,900	11,000	11,100	10,300	10,500	10,800	10,500	10,500	10,700
100							11,600	11,700	11,800	10,200	10,300	10,400	9,600	9,800	10,000	9,900	10,300	10,700
105							10,900	11,000	11,200	9,500	9,600	9,800	8,900	9,100	9,300	9,100	9,500	9,900
110							10,300	10,400	10,500	8,900	9,000	9,200	8,300	8,500	8,700	8,400	8,800	9,100
115							9,800	9,900		8,400	8,500	8,600	7,700	7,900	8,100	7,700	8,100	8,400
120							9,400	9,400		7,900	8,000	8,100	7,200	7,300	7,500	7,100	7,400	7,700
125										7,400	7,500	7,600	6,700	6,800	7,000	6,400	6,800	7,100
130										7,000	7,100	7,200	6,200	6,300	6,500	5,900	6,200	6,500
135										6,600	6,700	6,700	5,700	5,900	6,000	5,300	5,600	5,900
140										6,200	6,300	6,400	5,300	5,500	5,600	4,800	5,100	5,400
145										5,900	6,000		4,900	5,100	5,200	4,300	4,600	4,900
150										5,700	5,700		4,600	4,700	4,800	3,900	4,100	4,400
155													4,200	4,300	4,400	3,500	3,700	3,900
160													3,900	4,000	4,100	3,100	3,300	3,500
165													3,600	3,700	3,800	2,700	2,900	3,100
170													3,300	3,400	3,500	2,300	2,500	2,700
175													3,100	3,200		2,000	2,100	2,300
180													2,900	2,900		1,600	1,800	1,900
185													2,800			1,300	1,500	1,600
190																		1,200
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/6,800	0/6,800	0/7,100	0/5,000	0/5,100	0/5,300	0/3,200	0/3,300	0/3,400	0/1,300	0/1,300	0/1,400	37.5/0	38.0/0	38.0/0
Radius (ft)	64.7	64.7	63.6	93.7	93.5	91.9	123.4	123.1	121.3	154.0	153.6	151.7	185.4	185.0	183.0	188.3	190.0	191.7

Rated Lifting Capacities In Pounds

31.0' Hydraulic Offset Fly



2° - 45°



Full



60,000 lb



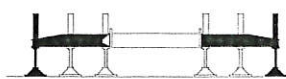
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		33,100														
20	23,600	23,600		24,600	24,600		27,000											
25	21,600	17,700		23,100	23,100		19,600	19,600										
30	18,900	16,700	15,200	21,700	17,400	17,400	19,100	19,100		18,300								
35	17,700	15,900	14,700	19,300	16,700	15,000	18,600	16,400	16,400	17,600	17,600		16,100					
40	16,600	15,200	14,200	18,400	16,100	14,700	18,100	16,000	14,500	17,300	15,500	15,500	16,100	16,100				
45	15,700	14,600	13,900	17,500	15,600	14,300	17,600	15,600	14,300	17,000	15,300	14,000	16,100	16,100		13,300		
50	14,900	14,100	13,800	16,800	15,100	14,100	17,100	15,300	14,100	16,700	15,000	13,800	16,000	14,600	14,600	13,300	13,300	
55	14,300	13,800	13,800	16,100	14,700	13,900	16,700	14,900	13,900	16,400	14,800	13,700	15,800	14,400	13,300	13,300	13,300	
60	13,900	13,800	13,800	15,600	14,400	13,700	16,200	14,600	13,700	16,100	14,500	13,500	15,600	14,200	13,200	13,300	13,300	13,400
65				15,000	14,100	13,700	15,800	14,400	13,600	15,800	14,300	13,400	15,400	14,000	13,100	13,300	13,300	13,300
70				14,600	13,800	13,700	15,400	14,100	13,500	15,500	14,100	13,300	15,200	13,900	13,000	13,300	13,200	12,500
75				14,200	13,700	13,700	15,000	13,900	13,400	15,200	13,900	13,200	14,900	13,700	12,900	13,300	13,100	12,400
80				13,900	13,700	13,700	14,700	13,700	13,400	14,200	13,700	13,100	13,800	13,600	12,900	13,300	13,000	12,400
85				13,700	13,700		14,400	13,600	13,400	13,300	13,400	13,100	12,900	13,000	12,800	13,300	12,900	12,300
90				13,700			13,800	13,500	13,400	12,400	12,500	12,700	12,000	12,200	12,400	12,300	12,800	12,300
95							13,100	13,100	13,200	11,600	11,700	11,900	11,100	11,300	11,500	11,400	11,800	12,200
100							12,400	12,400	12,500	10,900	11,000	11,100	10,400	10,600	10,800	10,500	10,900	11,300
105							11,700	11,800	11,900	10,300	10,300	10,500	9,700	9,900	10,000	9,700	10,100	10,500
110							9,600	9,700		9,600	9,700	9,800	9,000	9,200	9,400	8,900	9,300	9,700
115							10,700	10,700		9,100	9,200	9,300	8,400	8,600	8,800	8,200	8,600	8,900
120										8,600	8,700	8,700	7,900	8,000	8,200	7,600	7,900	8,200
125										8,100	8,200	8,300	7,400	7,500	7,600	6,900	7,200	7,500
130										7,700	7,800	7,800	6,900	7,000	7,100	6,300	6,600	6,900
135										7,300	7,400		6,400	6,500	6,700	5,800	6,100	6,300
140										7,000	7,000		6,000	6,100	6,200	5,300	5,500	5,800
145										5,400			5,600	5,700	5,800	4,800	5,000	5,300
150													5,200	5,300	5,400	4,300	4,600	4,800
155													4,900	5,000	5,000	3,900	4,100	4,300
160													4,600	4,700	4,700	3,500	3,700	3,900
165													4,300	4,400		3,100	3,300	3,400
170													4,100	4,100		2,700	2,900	3,000
175																2,400	2,500	2,600
180																2,100	2,200	2,300
185																1,700	1,900	1,900
190																1,500	1,600	
195																1,200	1,300	
Min. Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/7,300	0/7,400	0/7,700	0/5,600	0/5,700	0/5,900	0/3,800	0/3,900	0/4,100	0/2,000	0/2,000	0/2,100	20.5/0	22.5/0	22.5/0
Radius (ft)	64.7	64.7	63.6	90.7	90.5	89.0	117.4	117.1	115.4	145.5	144.7	142.7	173.4	173.0	171.0	197.5	195.7	195.0

Rated Lifting Capacities In Pounds

31.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



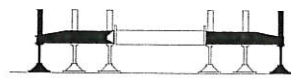
Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	26,100	26,100		34,000			34,500											
20	23,600	23,600		24,500	24,500		25,100	25,100										
25	21,600	17,700	17,700	22,700	18,200	18,200	23,500	23,500		23,700	23,700							
30	18,900	16,700	15,200	20,000	17,300	15,400	20,800	17,600	17,600	22,600	22,600		26,700					
35	17,700	15,900	14,700	18,800	16,500	15,000	19,700	16,900	15,200	21,600	17,100	17,100	19,400	19,400				
40	16,600	15,200	14,200	17,800	15,800	14,500	18,700	16,300	14,800	19,300	16,600	14,900	18,900	16,400	16,400	18,700		
45	15,700	14,600	13,900	16,900	15,200	14,200	17,900	15,800	14,500	18,600	16,200	14,600	18,500	16,100	16,100	17,400	17,400	
50	14,900	14,100	13,800	16,100	14,800	14,000	17,100	15,300	14,200	18,000	15,700	14,300	18,000	15,700	14,300	17,100	15,200	15,200
55	14,300	13,800	13,800	15,400	14,300	13,800	16,400	14,900	14,000	17,400	15,400	14,100	17,600	15,400	14,100	16,800	15,000	13,700
60	13,900	13,800	13,800	14,800	14,000	13,700	15,800	14,500	13,800	16,900	15,000	13,900	17,100	15,100	13,900	16,500	14,800	13,600
65				14,300	13,800	13,700	15,200	14,200	13,700	16,400	14,700	13,800	16,700	14,900	13,800	16,300	14,600	13,500
70				14,000	13,800	13,700	14,800	14,000	13,700	15,900	14,400	13,700	16,400	14,600	13,600	16,000	14,400	13,400
75				13,800	13,800		14,400	13,800	13,700	15,500	14,200	13,600	16,000	14,400	13,500	15,700	14,200	13,300
80							14,000	13,700	13,700	15,100	14,000	13,500	15,600	14,200	13,400	15,100	14,000	13,200
85							13,800	13,700	13,700	14,800	13,800	13,500	14,500	14,000	13,400	13,900	13,800	13,100
90							13,800	13,700		14,400	13,700	13,500	13,500	13,600	13,300	12,800	13,200	13,000
95										14,200	13,600	13,500	12,600	12,700	12,900	11,800	12,200	12,600
100										13,500	13,500	13,500	11,800	11,900	12,000	10,800	11,200	11,600
105										12,800	12,800	12,800	11,100	11,200	11,300	10,000	10,300	10,700
110										12,200	12,200	12,200	10,400	10,500	10,600	9,200	9,500	9,800
115										11,600	11,600		9,700	9,800	9,900	8,400	8,700	9,100
120													9,100	9,200	9,300	7,700	8,000	8,300
125													8,600	8,700	8,700	7,100	7,300	7,600
130													8,100	8,100	8,200	6,400	6,700	7,000
135													7,600	7,700	7,700	5,900	6,100	6,300
140													7,200	7,300		5,300	5,600	5,800
145													6,900	6,900		4,800	5,000	5,200
150																4,400	4,500	4,700
155																3,900	4,100	4,200
160																3,500	3,700	3,700
165																3,100	3,200	
170																2,800	2,900	
175																2,500	2,500	
Min.Bm. Ang./Cap.	0/13,900	0/13,800	0/13,800	0/10,600	0/10,800	0/11,300	0/9,300	0/9,400	0/9,900	0/6,600	0/6,700	0/7,000	0/4,000	0/4,100	0/4,300	0/1,400	0/1,400	0/1,500
Radius (ft)	64.7	64.7	63.6	78.0	77.9	76.5	92.1	91.9	90.4	119.7	119.4	117.6	148.2	147.8	145.9	177.5	177.1	175.1

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



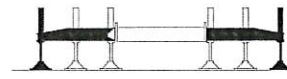
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			16,500														
25	13,600	13,600		15,700														
30	12,600	12,600		15,000			13,700											
35	11,700	11,700		12,100	12,100		13,800											
40	10,900	9,700	9,700	11,500	11,500		11,200	11,200		12,100								
45	10,300	9,200	9,200	11,000	9,500	9,500	10,900	10,900		11,800			10,100					
50	9,700	8,800	8,100	10,500	9,100	9,100	10,500	10,500		10,200	10,200		10,100					
55	9,200	8,400	7,800	10,000	8,800	8,000	10,200	8,800	8,800	9,900	9,900		10,100					
60	8,700	8,100	7,600	9,600	8,500	7,800	9,900	8,600	8,600	9,700	9,700		9,300	9,300		8,000		
65	8,300	7,800	7,400	9,200	8,300	7,600	9,600	8,400	7,600	9,500	8,300	8,300	9,100	9,100		8,000		
70	8,000	7,600	7,300	8,900	8,100	7,500	9,300	8,200	7,500	9,300	8,200	8,200	8,900	8,900		8,000	8,100	
75	7,700	7,400	7,300	8,600	7,900	7,400	9,000	8,000	7,400	9,100	8,000	7,300	8,800	7,800	7,800	8,000	8,100	
80	7,400	7,300	7,300	8,300	7,700	7,300	8,800	7,900	7,300	8,900	7,900	7,200	8,600	7,700	7,700	8,000	8,100	
85	7,300	7,300		8,100	7,500	7,200	8,500	7,700	7,200	8,700	7,700	7,200	8,500	7,600	7,000	8,000	7,200	7,200
90				7,800	7,400	7,200	8,300	7,600	7,200	8,500	7,600	7,100	8,400	7,500	6,900	7,900	7,200	7,200
95				7,600	7,300	7,200	8,100	7,500	7,100	8,300	7,500	7,000	8,200	7,400	6,900	7,800	7,100	7,100
100				7,500	7,200	7,200	8,000	7,400	7,100	8,200	7,400	7,000	8,100	7,300	6,800	7,700	7,000	6,600
105				7,300	7,200	7,200	7,800	7,300	7,000	8,000	7,300	6,900	8,000	7,200	6,800	7,600	7,000	6,600
110				7,200	7,200	7,200	7,600	7,200	7,000	7,900	7,200	6,900	7,600	7,200	6,800	7,500	6,900	6,500
115				7,200	7,200		7,500	7,100	7,000	7,500	7,200	6,900	7,100	7,100	6,700	7,400	6,800	6,500
120							7,400	7,100	7,000	7,000	7,100	6,900	6,600	6,800	6,700	6,800	6,800	6,500
125							7,300	7,100	7,000	6,600	6,700	6,900	6,100	6,300	6,600	6,200	6,700	6,500
130							7,200	7,100	7,000	6,200	6,300	6,500	5,600	5,900	6,100	5,700	6,100	6,400
135							6,900	7,000	7,000	5,800	5,900	6,000	5,200	5,400	5,700	5,100	5,600	6,100
140							6,700	6,700		5,400	5,500	5,700	4,800	5,000	5,200	4,700	5,100	5,600
145							6,500	6,500		5,100	5,200	5,300	4,400	4,600	4,800	4,200	4,600	5,000
150										4,800	4,900	5,000	4,100	4,300	4,500	3,800	4,200	4,600
155										4,500	4,600	4,700	3,700	3,900	4,100	3,300	3,700	4,100
160										4,300	4,400	4,400	3,400	3,600	3,800	2,900	3,300	3,700
165										4,100	4,100	4,200	3,100	3,300	3,400	2,600	2,900	3,300
170										3,900	3,900		2,900	3,000	3,100	2,200	2,500	2,900
175										3,800	3,800		2,600	2,700	2,800	1,900	2,200	2,500
180													2,400	2,500	2,600	1,500	1,800	2,100
185													2,100	2,200	2,300	1,200	1,500	1,700
190													1,900	2,000	2,100		1,200	1,400
195													1,800	1,800				
200													1,600	1,600				
205													1,500					
Min.Bm. Ang./Cap.	0/7,300	0/7,300	0/7,300	0/4,200	0/4,300	0/4,500	0/2,900	0/3,000	0/3,200	0/1,600	0/1,600	0/1,800	23.5/0	26.0/0	28.0/0	48.5/0	50.5/0	50.5/0
Radius (ft)	88.7	88.6	86.9	117.7	117.2	114.8	147.4	146.8	143.8	178.0	177.2	173.9	205.8	201.1	192.3	186.7	191.3	193.8

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



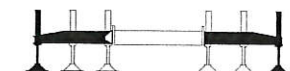
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			17,000														
25	13,600	13,600		16,100														
30	12,600	12,600		12,900	12,900		14,300											
35	11,700	11,700		12,200	12,200		13,900			13,200								
40	10,900	9,700	9,700	11,600	11,600		11,500	11,500		12,900								
45	10,300	9,200	9,200	11,000	9,500	9,500	11,100	11,100		10,900	10,900		11,900					
50	9,700	8,800	8,100	10,500	9,200	9,200	10,700	9,200	9,200	10,600	10,600		11,700					
55	9,200	8,400	7,800	10,000	8,800	8,000	10,300	9,000	9,000	10,300	10,300		10,000	10,000		9,900		
60	8,700	8,100	7,600	9,600	8,500	7,800	10,000	8,700	8,700	10,000	8,700	8,700	9,800	9,800		9,900		
65	8,300	7,800	7,400	9,200	8,300	7,600	9,700	8,500	7,700	9,800	8,500	8,500	9,600	9,600		9,100	9,100	
70	8,000	7,600	7,300	8,900	8,000	7,500	9,300	8,300	7,600	9,500	8,300	7,500	9,400	8,200	8,200	9,000	9,000	
75	7,700	7,400	7,300	8,500	7,800	7,400	9,100	8,100	7,400	9,300	8,200	7,400	9,200	8,100	8,100	8,800	8,800	
80	7,400	7,300	7,300	8,300	7,700	7,300	8,800	7,900	7,300	9,100	8,000	7,300	9,000	8,000	7,300	8,700	7,700	7,700
85	7,300	7,300		8,000	7,500	7,200	8,600	7,800	7,300	8,800	7,900	7,300	8,900	7,900	7,200	8,500	7,600	7,600
90				7,800	7,400	7,200	8,300	7,600	7,200	8,600	7,700	7,200	8,700	7,700	7,100	8,400	7,500	7,000
95				7,600	7,300	7,200	8,100	7,500	7,100	8,400	7,600	7,100	8,500	7,600	7,100	8,300	7,400	6,900
100				7,400	7,200	7,200	7,900	7,400	7,100	8,300	7,500	7,100	8,400	7,500	7,000	8,200	7,400	6,800
105				7,300	7,200	7,200	7,800	7,300	7,100	8,100	7,400	7,000	8,200	7,400	7,000	8,100	7,300	6,800
110				7,300	7,200		7,600	7,200	7,100	7,900	7,300	7,000	8,100	7,300	6,900	7,900	7,200	6,800
115							7,500	7,200	7,100	7,800	7,200	7,000	7,700	7,300	6,900	7,800	7,100	6,700
120							7,300	7,100	7,100	7,600	7,200	7,000	7,200	7,200	6,900	7,400	7,100	6,700
125							7,300	7,100	7,100	7,200	7,100	7,000	6,700	6,900	6,900	6,800	7,000	6,700
130							7,200	7,100	7,100	6,800	6,800	7,000	6,300	6,500	6,700	6,200	6,700	6,700
135							7,200	7,100		6,400	6,500	6,600	5,800	6,000	6,200	5,700	6,100	6,600
140							7,200			6,000	6,100	6,200	5,400	5,600	5,800	5,200	5,600	6,000
145										5,700	5,800	5,800	5,000	5,200	5,400	4,700	5,100	5,500
150										5,400	5,500	5,500	4,700	4,800	5,000	4,300	4,700	5,000
155										5,200	5,200	5,300	4,400	4,500	4,700	3,900	4,200	4,600
160										5,000	5,000		4,100	4,200	4,300	3,500	3,800	4,100
165										4,800	4,800		3,800	3,900	4,000	3,100	3,400	3,700
170													3,500	3,600	3,700	2,700	3,000	3,300
175													3,200	3,300	3,400	2,400	2,700	2,900
180													3,000	3,100	3,200	2,100	2,300	2,600
185													2,800	2,900		1,800	2,000	2,200
190													2,700	2,700		1,500	1,700	1,900
195													2,600			1,200	1,400	1,500
200																		1,200
Min.Bm. Ang./Cap.	0/7,300	0/7,300	0/7,300	0/4,600	0/4,700	0/5,000	0/3,400	0/3,500	0/3,700	0/2,100	0/2,200	0/2,300	18.5/0	18.0/0	17.0/0	39.5/0	40.5/0	40.5/0
Radius (ft)	88.7	88.6	86.9	114.7	114.3	111.8	141.4	140.8	137.9	169.0	168.3	165.0	195.8	190.9	182.6	196.7	200.0	201.7

Rated Lifting Capacities In Pounds

55.0' Hydraulic Offset Fly



2° - 45°



Full

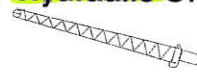
60,000 lb



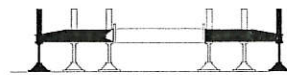
Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
15	19,700																	
20	17,700			18,100			17,900											
25	13,600	13,600		16,600			16,900			16,600								
30	12,600	12,600		12,900	12,900		13,200	13,200		15,900								
35	11,700	11,700		12,100	12,100		12,400	12,400		15,200			14,700					
40	10,900	9,700	9,700	11,400	9,900	9,900	11,800	11,800		12,100	12,100		14,200					
45	10,300	9,200	9,200	10,800	9,400	9,400	11,200	9,600	9,600	11,600	11,600		11,600	11,600		12,900		
50	9,700	8,800	8,100	10,200	9,000	9,000	10,700	9,300	9,300	11,100	9,400	9,400	11,200	11,200		12,600		
55	9,200	8,400	7,800	9,700	8,700	8,000	10,200	8,900	8,100	10,700	9,200	9,200	10,800	10,800		10,500	10,500	
60	8,700	8,100	7,600	9,300	8,400	7,700	9,800	8,600	7,900	10,300	8,900	8,900	10,500	9,000	9,000	10,300	10,300	
65	8,300	7,800	7,400	8,900	8,100	7,600	9,400	8,400	7,700	10,000	8,700	7,800	10,200	8,800	8,800	10,000	10,000	
70	8,000	7,600	7,300	8,500	7,900	7,400	9,000	8,100	7,500	9,600	8,400	7,700	9,900	8,600	7,700	9,800	8,500	8,500
75	7,700	7,400	7,300	8,200	7,600	7,300	8,700	7,900	7,400	9,300	8,200	7,500	9,600	8,400	7,600	9,600	8,300	8,300
80	7,400	7,300	7,300	7,900	7,500	7,200	8,400	7,700	7,300	9,000	8,100	7,400	9,400	8,200	7,500	9,400	8,200	7,400
85	7,300	7,300		7,700	7,300	7,200	8,100	7,600	7,300	8,800	7,900	7,300	9,100	8,100	7,400	9,200	8,000	7,300
90				7,500	7,300	7,200	7,900	7,400	7,200	8,500	7,700	7,300	8,900	7,900	7,300	9,000	7,900	7,200
95				7,300	7,200	7,200	7,700	7,300	7,200	8,300	7,600	7,200	8,700	7,800	7,200	8,800	7,800	7,200
100				7,300	7,200		7,500	7,300	7,200	8,100	7,500	7,200	8,500	7,700	7,200	8,600	7,700	7,100
105							7,400	7,200	7,200	7,900	7,400	7,200	8,300	7,500	7,100	8,400	7,600	7,100
110							7,300	7,200		7,700	7,300	7,100	8,100	7,400	7,100	8,300	7,500	7,000
115							7,300			7,600	7,200	7,100	8,000	7,400	7,100	8,100	7,400	7,000
120										7,500	7,200	7,100	7,800	7,300	7,100	7,700	7,300	7,000
125										7,300	7,200	7,100	7,700	7,200	7,100	7,000	7,200	6,900
130										7,300	7,200	7,100	7,400	7,200	7,000	6,400	6,900	6,900
135										7,200	7,200	7,100	6,900	7,000	7,000	5,900	6,300	6,700
140										7,200	7,200		6,500	6,600	6,700	5,400	5,700	6,100
145													6,100	6,200	6,300	4,900	5,200	5,600
150													5,800	5,800	5,900	4,400	4,800	5,100
155													5,400	5,500	5,600	4,000	4,300	4,600
160													5,200	5,200	5,300	3,600	3,900	4,100
165													4,900	5,000		3,200	3,500	3,700
170													4,800	4,800		2,800	3,100	3,300
175																2,500	2,700	2,900
180																2,200	2,400	2,500
185																1,900	2,000	2,100
190																1,600	1,700	1,800
195																1,400		
Min.Bm. Ang./Cap.	0/7,300	0/7,300	0/7,300	0/6,600	0/6,800	0/7,200	0/5,800	0/6,000	0/6,400	0/4,000	0/4,100	0/4,500	0/2,200	0/2,300	0/2,500	20.0/0	24.0/0	24.0/0
Radius (ft)	88.7	88.6	86.9	102.0	101.7	99.6	116.1	115.7	113.2	143.7	143.1	140.1	172.1	171.4	168.1	200.0	195.0	191.0

Rated Lifting Capacities In Pounds

73.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



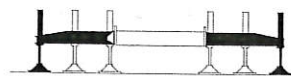
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
20	17,200																	
25	16,100			14,200														
30	13,100	13,100		13,800														
35	12,400	12,400		11,900	11,900		12,400											
40	11,700	10,100	10,100	11,400	11,400		12,100			10,300								
45	11,000	9,600	9,600	11,000	11,000		10,600	10,600		10,300								
50	10,500	9,200	9,200	10,600	9,200	9,200	10,400	10,400		10,300								
55	10,000	8,900	8,000	10,300	8,900	8,900	10,100	10,100		9,600	9,600		8,200					
60	9,300	8,500	7,800	9,900	8,700	7,800	9,800	8,600	8,600	9,400	9,400		8,200					
65	8,600	8,300	7,600	9,600	8,500	7,700	9,600	8,400	8,400	9,200	9,200		8,200	8,300		6,500		
70	7,900	7,800	7,500	9,000	8,200	7,500	9,400	8,200	7,500	9,100	8,000	8,000	8,200	8,300		6,500		
75	7,300	7,200	7,200	8,500	7,800	7,400	9,100	8,100	7,300	8,900	7,900	7,900	8,200	8,300		6,500	6,600	
80	6,800	6,700	6,700	7,900	7,300	7,000	8,700	7,700	7,000	8,700	7,800	6,900	8,200	7,400	7,400	6,500	6,600	
85	6,400	6,300	6,300	7,500	6,900	6,600	8,200	7,300	6,700	8,600	7,500	6,600	8,100	7,400	7,400	6,500	6,600	
90	6,000	5,900	5,900	7,000	6,600	6,300	7,800	7,000	6,400	8,300	7,200	6,400	8,000	7,200	6,300	6,500	6,600	
95	5,700	5,600	5,600	6,700	6,300	6,000	7,400	6,600	6,200	7,900	6,900	6,200	7,900	7,000	6,100	6,500	6,600	6,700
100	5,500	5,400	5,400	6,300	6,000	5,800	7,100	6,400	5,900	7,600	6,600	6,000	7,800	6,700	5,900	6,500	6,600	6,700
105	5,400	5,400		6,000	5,700	5,600	6,700	6,100	5,700	7,300	6,300	5,800	7,600	6,500	5,700	6,500	6,500	5,600
110				5,800	5,500	5,400	6,500	5,900	5,500	7,000	6,100	5,600	7,200	6,200	5,600	6,500	6,300	5,500
115				5,500	5,300	5,300	6,200	5,700	5,400	6,700	5,900	5,400	6,600	6,000	5,400	5,800	6,100	5,300
120				5,400	5,200	5,200	5,900	5,500	5,200	6,300	5,700	5,300	6,100	5,800	5,300	5,200	5,600	5,200
125				5,200	5,100	5,100	5,700	5,300	5,100	5,900	5,500	5,100	5,600	5,700	5,100	4,600	5,000	5,000
130				5,200	5,100		5,500	5,200	5,000	5,500	5,400	5,000	5,100	5,400	5,000	4,000	4,500	4,900
135				5,200			5,400	5,000	4,900	5,100	5,200	4,900	4,700	4,900	4,900	3,500	3,900	4,400
140							5,200	4,900	4,900	4,700	4,900	4,800	4,300	4,500	4,800	3,000	3,400	3,900
145							5,000	4,900	4,900	4,400	4,500	4,700	3,900	4,100	4,400	2,500	2,900	3,400
150							4,800	4,800	4,800	4,100	4,200	4,300	3,600	3,800	4,000	2,100	2,500	3,000
155							4,500	4,500	4,600	3,800	3,900	4,000	3,200	3,400	3,700	1,700	2,100	2,500
160							4,400	4,400		3,500	3,600	3,700	2,900	3,100	3,300	1,300	1,700	2,100
165							4,400			3,200	3,300	3,400	2,600	2,800	3,000		1,300	1,700
170										3,000	3,100	3,200	2,300	2,500	2,700			1,300
175										2,800	2,800	2,900	2,000	2,200	2,400			
180										2,600	2,600	2,700	1,800	1,900	2,100			
185										2,400	2,400	2,500	1,500	1,600	1,800			
190										2,300	2,300		1,300	1,400	1,500			
195										2,300				1,200	1,300			
Min.Bm. Ang./Cap.	0/5,400	0/5,400	0/5,400	0/4,300	0/4,400	0/4,700	0/3,000	0/3,000	0/3,200	0/1,500	0/1,500	0/1,700	41.0/0	42.5/0	42.5/0	59.5/0	61.0/0	62.0/0
Radius (ft)	106.7	106.1	103.7	135.7	134.9	131.9	165.4	164.5	161.1	196.0	195.0	191.4	193.3	196.7	198.3	162.5	167.5	172.5

Rated Lifting Capacities In Pounds

73.0' Hydraulic Offset Fly



2° - 45°



Full



60,000 lb

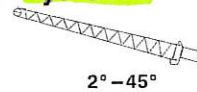


360°

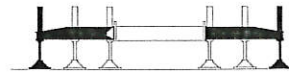
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
20	17,200																	
25	16,200			14,500														
30	13,100	13,100		14,000														
35	12,400	12,400		12,000	12,000		12,900											
40	11,700	10,100	10,100	11,600	11,600		11,300	11,300		11,800								
45	11,100	9,600	9,600	11,100	11,100		10,900	10,900		11,600								
50	10,500	9,200	9,200	10,700	9,300	9,300	10,600	10,600		10,300	10,300		9,900					
55	10,000	8,900	8,100	10,300	9,000	9,000	10,300	8,900	8,900	10,100	10,100		9,900					
60	9,400	8,500	7,800	10,000	8,700	7,900	10,000	8,700	8,700	9,800	9,800		9,300	9,300		8,000		
65	8,600	8,300	7,600	9,600	8,500	7,700	9,800	8,500	8,500	9,600	8,400	8,400	9,200	9,200		8,000		
70	7,900	7,800	7,500	9,000	8,300	7,600	9,500	8,300	7,600	9,400	8,300	8,300	9,000	9,000		8,000	8,100	
75	7,300	7,200	7,200	8,400	7,800	7,400	9,100	8,100	7,400	9,200	8,100	7,300	8,900	7,900	7,900	8,000	8,100	
80	6,800	6,700	6,700	7,900	7,300	7,000	8,600	7,700	7,000	9,000	7,800	7,000	8,800	7,800	7,800	8,000	8,100	
85	6,400	6,300	6,300	7,400	6,900	6,600	8,100	7,300	6,700	8,700	7,500	6,700	8,600	7,600	6,700	8,000	7,300	7,300
90	6,000	5,900	5,900	7,000	6,500	6,300	7,700	6,900	6,500	8,300	7,200	6,500	8,500	7,300	6,400	8,000	7,300	7,300
95	5,700	5,600	5,600	6,600	6,200	6,000	7,300	6,600	6,200	7,900	6,900	6,200	8,300	7,000	6,200	7,900	7,000	6,100
100	5,500	5,400	5,400	6,300	5,900	5,800	7,000	6,300	6,000	7,500	6,600	6,000	7,900	6,800	6,000	7,800	6,800	5,900
105	5,400	5,400		6,000	5,700	5,600	6,700	6,100	5,700	7,200	6,300	5,800	7,600	6,500	5,800	7,700	6,600	5,800
110				5,700	5,500	5,400	6,400	5,800	5,600	6,900	6,100	5,600	7,300	6,300	5,600	7,500	6,300	5,600
115				5,500	5,300	5,300	6,100	5,600	5,400	6,600	5,900	5,500	7,000	6,100	5,500	7,200	6,100	5,400
120				5,300	5,200	5,200	5,900	5,400	5,200	6,400	5,700	5,300	6,700	5,900	5,300	7,000	5,900	5,300
125				5,200	5,100	5,100	5,600	5,300	5,100	6,100	5,500	5,200	6,200	5,700	5,200	6,500	5,800	5,200
130				5,200	5,100		5,500	5,100	5,000	5,900	5,400	5,100	5,700	5,500	5,100	5,900	5,600	5,000
135							5,300	5,000	5,000	5,600	5,200	4,900	5,300	5,400	5,000	5,400	5,400	4,900
140							5,200	4,900	4,900	5,200	5,100	4,900	4,900	5,100	4,800	4,900	5,300	4,800
145							5,100	4,900	4,900	4,900	4,900	4,800	4,500	4,700	4,800	4,400	4,800	4,700
150							5,100	4,900	4,900	4,600	4,700	4,700	4,100	4,300	4,500	3,900	4,300	4,600
155							5,100	4,900		4,300	4,400	4,500	3,800	4,000	4,200	3,500	3,900	4,300
160										4,000	4,100	4,200	3,500	3,600	3,800	3,100	3,400	3,800
165										3,800	3,800	3,900	3,100	3,300	3,500	2,700	3,000	3,400
170										3,500	3,600	3,700	2,900	3,000	3,200	2,300	2,600	3,000
175										3,300	3,400	3,400	2,600	2,700	2,900	2,000	2,300	2,600
180										3,200	3,200		2,300	2,400	2,600	1,600	1,900	2,200
185										3,100	3,100		2,100	2,200	2,300	1,300	1,600	1,900
190													1,900	2,000	2,100		1,200	1,500
195													1,600	1,700	1,800			1,200
200													1,500	1,500	1,600			
205													1,300	1,300				
Min.Bm. Ang./Cap.	0/5,400	0/5,400	0/5,400	0/4,500	0/4,600	0/4,900	0/3,200	0/3,300	0/3,500	0/1,800	0/1,900	0/2,000	25.0/0	27.5/0	27.5/0	49.0/0	50.0/0	50.5/0
Radius (ft)	106.7	106.1	103.7	132.7	131.9	129.0	159.4	158.5	155.2	187.0	186.0	181.5	210.4	206.5	201.0	188.3	191.7	196.3

Rated Lifting Capacities In Pounds

73.0' Hydraulic Offset Fly



2° - 45°



Full



60,000 lb



360°

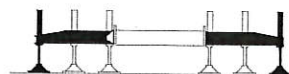
Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
20	17,200			16,200														
25	16,200			15,500			15,500											
30	13,100	13,100		13,000	13,000		14,900			14,700								
35	12,400	12,400		12,400	12,400		12,500	12,500		14,200								
40	11,700	10,100	10,100	11,800	11,800		12,000	12,000		12,000	12,000		12,900					
45	11,100	9,600	9,600	11,200	9,700	9,700	11,500	11,500		11,600	11,600		12,600					
50	10,500	9,200	9,200	10,700	9,300	9,300	11,000	9,500	9,500	11,200	11,200		10,900	10,900		11,000		
55	10,000	8,900	8,100	10,300	9,000	8,100	10,600	9,100	9,100	10,900	9,200	9,200	10,600	10,600		11,000		
60	9,400	8,500	7,800	9,900	8,700	7,900	10,200	8,900	8,000	10,500	9,000	9,000	10,400	10,400		9,800	9,800	
65	8,600	8,300	7,600	9,200	8,400	7,700	9,800	8,600	7,800	10,200	8,800	7,800	10,100	8,700	8,700	9,600	9,600	
70	7,900	7,800	7,500	8,500	8,100	7,600	9,100	8,400	7,600	9,900	8,600	7,700	9,900	8,600	8,600	9,500	9,500	
75	7,300	7,200	7,200	7,900	7,600	7,400	8,500	7,900	7,500	9,400	8,300	7,500	9,700	8,400	7,500	9,300	8,200	8,200
80	6,800	6,700	6,700	7,400	7,100	7,000	8,000	7,400	7,100	8,900	7,900	7,200	9,400	8,100	7,200	9,100	8,000	8,000
85	6,400	6,300	6,300	7,000	6,700	6,600	7,500	7,000	6,700	8,400	7,500	6,900	9,000	7,700	6,900	9,000	7,900	6,900
90	6,000	5,900	5,900	6,500	6,300	6,200	7,100	6,600	6,400	8,000	7,100	6,600	8,600	7,400	6,700	8,800	7,600	6,600
95	5,700	5,600	5,600	6,200	6,000	5,900	6,700	6,300	6,100	7,600	6,800	6,300	8,200	7,100	6,400	8,600	7,300	6,400
100	5,500	5,400	5,400	5,900	5,700	5,700	6,400	6,000	5,900	7,200	6,500	6,100	7,800	6,800	6,200	8,200	7,000	6,200
105	5,400	5,400		5,600	5,500	5,500	6,100	5,800	5,600	6,900	6,200	5,900	7,500	6,600	6,000	7,900	6,700	6,000
110				5,400	5,300	5,300	5,800	5,500	5,500	6,600	6,000	5,700	7,200	6,300	5,800	7,600	6,500	5,800
115				5,300	5,300		5,600	5,400	5,400	6,300	5,800	5,500	6,900	6,100	5,600	7,300	6,300	5,700
120							5,400	5,200	5,200	6,000	5,600	5,400	6,600	5,900	5,500	7,000	6,100	5,500
125							5,300	5,200	5,200	5,800	5,400	5,200	6,400	5,700	5,300	6,800	5,900	5,400
130							5,300	5,200		5,600	5,300	5,100	6,100	5,500	5,200	6,300	5,700	5,200
135										5,400	5,100	5,100	5,900	5,400	5,100	5,700	5,500	5,100
140										5,300	5,000	5,000	5,700	5,200	5,000	5,200	5,400	5,000
145										5,200	5,000	5,000	5,500	5,100	4,900	4,700	5,100	4,900
150										5,100	5,000	5,000	5,100	5,000	4,900	4,200	4,600	4,800
155										5,100	5,000		4,700	4,900	4,800	3,800	4,100	4,500
160										5,100	5,000		4,400	4,500	4,700	3,300	3,700	4,100
165													4,100	4,200	4,300	2,900	3,300	3,600
170													3,800	3,900	4,000	2,600	2,900	3,200
175													3,600	3,600	3,700	2,200	2,500	2,800
180													3,300	3,400		1,800	2,100	2,400
185													3,200	3,200		1,500	1,700	2,000
190													3,000			1,200	1,400	1,600
195																		1,200
Min.Bm. Ang./Cap.	0/5,400	0/5,400	0/5,400	0/5,000	0/5,100	0/5,300	0/4,300	0/4,400	0/4,700	0/2,700	0/2,800	0/3,000	0/1,000	0/1,100	0/1,200	38.0/0	39.0/0	39.0/0
Radius (ft)	106.7	106.1	103.7	120.0	119.3	116.6	134.1	133.3	130.4	161.7	160.8	157.5	190.2	189.2	185.6	191.7	195.0	196.7

Rated Lifting Capacities In Pounds

91.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



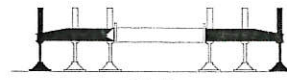
Load Radius (ft)	Boom Length (ft)																	
	42.3			71.2			100.9			131.5			162.9			195.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
25	14,800																	
30	12,800	12,800		11,800														
35	12,300	12,300		11,800														
40	11,800	11,800		10,800	10,800		9,700											
45	10,600	9,700	9,700	10,500	10,500		9,700											
50	9,500	9,400	9,400	10,200	10,200		9,500	9,500		7,800								
55	8,500	8,800	8,100	9,300	8,800	8,800	9,400	9,400		7,800								
60	7,700	7,900	7,900	8,500	8,300	8,300	8,800	8,800		7,800	7,900		6,200					
65	7,000	7,100	7,500	7,800	7,600	7,600	8,100	7,500	7,500	7,800	7,900		6,200	6,200				
70	6,300	6,500	6,800	7,200	7,000	7,000	7,600	7,000	7,000	7,700	7,700		6,200	6,200		5,000		
75	5,800	5,900	6,100	6,700	6,500	6,500	7,100	6,500	6,200	7,300	6,500	6,500	6,200	6,200		5,000		
80	5,300	5,400	5,600	6,200	6,000	6,000	6,600	6,100	5,800	6,900	6,100	6,100	6,200	6,200		5,000	5,000	
85	4,900	4,900	5,100	5,700	5,500	5,500	6,200	5,700	5,500	6,500	5,600	5,300	6,200	5,700	5,700	5,000	5,000	
90	4,500	4,500	4,600	5,300	5,200	5,100	5,800	5,400	5,200	6,100	5,500	5,100	6,200	5,400	5,400	5,000	5,000	
95	4,100	4,100	4,200	4,900	4,800	4,800	5,400	5,100	4,900	5,800	5,200	4,800	5,900	5,200	4,700	5,000	5,000	
100	3,800	3,800	3,900	4,600	4,500	4,500	5,100	4,800	4,600	5,400	4,900	4,500	5,600	4,900	4,400	5,000	4,800	4,800
105	3,600	3,600	3,600	4,300	4,200	4,200	4,800	4,500	4,300	5,100	4,600	4,300	5,300	4,700	4,200	5,000	4,600	4,600
110	3,300	3,300	3,300	4,000	3,900	3,900	4,500	4,200	4,100	4,900	4,400	4,100	5,100	4,500	4,100	5,000	4,400	3,900
115	3,100	3,100	3,100	3,800	3,700	3,700	4,300	4,000	3,900	4,600	4,200	3,900	4,800	4,200	3,900	4,900	4,200	3,700
120	3,000	3,000		3,500	3,400	3,400	4,000	3,800	3,700	4,400	4,000	3,700	4,600	4,000	3,700	4,300	4,000	3,600
125				3,300	3,300	3,300	3,800	3,600	3,500	4,200	3,800	3,600	4,400	3,900	3,500	3,800	3,800	3,400
130				3,200	3,100	3,100	3,600	3,400	3,300	4,000	3,600	3,400	4,200	3,700	3,400	3,300	3,700	3,300
135				3,000	3,000	3,000	3,400	3,200	3,200	3,800	3,400	3,200	3,800	3,500	3,200	2,800	3,200	3,100
140				2,900	2,900	2,900	3,300	3,100	3,000	3,600	3,300	3,100	3,500	3,400	3,100	2,300	2,800	3,000
145				2,900	2,800	2,800	3,100	3,000	2,900	3,400	3,100	3,000	3,100	3,200	3,000	1,900	2,300	2,800
150				2,900	2,800		3,000	2,800	2,800	3,200	3,000	2,900	2,800	3,000	2,900	1,500	1,900	2,400
155							2,900	2,700	2,700	2,900	2,900	2,800	2,400	2,700	2,800		1,400	1,900
160							2,800	2,700	2,700	2,600	2,800	2,700	2,100	2,400	2,600			1,500
165							2,700	2,600	2,600	2,400	2,500	2,600	1,800	2,100	2,300			
170							2,700	2,600	2,600	2,100	2,300	2,400	1,600	1,800	2,000			
175							2,700	2,600		1,900	2,000	2,100	1,300	1,500	1,700			
180							2,700	2,600		1,700	1,800	1,900		1,200	1,400			
185										1,500	1,600	1,700						
190										1,300	1,400	1,500						
195											1,200	1,300						
Min. Bm. Ang./Cap.	0/3,000	0/3,000	0/3,100	0/2,500	0/2,500	0/2,700	0/1,400	0/1,400	0/1,500	34.5/0	34.5/0	34.0/0	52.5/0	54.0/0	54.5/0	65.0/0	66.5/0	67.5/0
Radius (ft)	124.8	124.1	121.4	153.7	152.9	149.7	183.4	182.4	179.0	195.0	197.5	200.0	178.3	181.7	185.0	154.0	158.8	165.0

Rated Lifting Capacities In Pounds

91.0' Hydraulic Offset Fly



2° - 45°



Full

60,000 lb



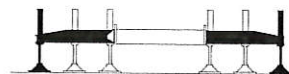
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
25	14,800																	
30	12,800	12,800		12,200														
35	12,300	12,300		12,200			10,500											
40	11,800	11,800		10,900	10,900		10,500											
45	10,600	9,700	9,700	10,700	10,700		10,100	10,100		9,000								
50	9,500	9,400	9,400	10,200	10,200		9,900	9,900		9,000								
55	8,500	8,800	8,100	9,300	8,900	8,900	9,500	9,500		9,000	9,000		7,500					
60	7,700	7,900	7,900	8,500	8,300	8,300	8,800	8,100	8,100	8,900	8,900		7,500					
65	7,000	7,100	7,500	7,800	7,600	7,600	8,200	7,600	7,600	8,300	8,300		7,500	7,500		6,100		
70	6,300	6,500	6,800	7,200	7,000	7,000	7,600	7,100	6,800	7,800	7,000	7,000	7,500	7,500		6,100		
75	5,800	5,900	6,100	6,600	6,500	6,500	7,100	6,600	6,300	7,300	6,600	6,600	7,500	7,500		6,100	6,100	
80	5,300	5,400	5,600	6,100	6,000	6,000	6,600	6,200	5,900	6,900	6,200	5,800	7,000	6,200	6,200	6,100	6,100	
85	4,900	4,900	5,100	5,700	5,500	5,500	6,200	5,800	5,500	6,500	5,800	5,400	6,700	5,900	5,900	6,100	6,100	
90	4,500	4,500	4,600	5,200	5,100	5,100	5,800	5,400	5,200	6,100	5,500	5,100	6,300	5,500	5,000	6,100	5,500	5,500
95	4,100	4,100	4,200	4,900	4,800	4,800	5,400	5,100	4,900	5,800	5,200	4,900	6,000	5,300	4,800	6,000	5,200	5,200
100	3,800	3,800	3,900	4,500	4,400	4,400	5,100	4,800	4,600	5,400	4,900	4,600	5,700	5,000	4,600	5,700	5,000	4,400
105	3,600	3,600	3,600	4,200	4,100	4,100	4,800	4,500	4,300	5,100	4,700	4,400	5,400	4,800	4,400	5,500	4,700	4,200
110	3,300	3,300	3,300	4,000	3,900	3,900	4,500	4,200	4,100	4,800	4,400	4,200	5,100	4,500	4,200	5,200	4,500	4,100
115	3,100	3,100	3,100	3,700	3,600	3,600	4,200	4,000	3,900	4,600	4,200	4,000	4,800	4,300	4,000	5,000	4,300	3,900
120	3,000	3,000		3,500	3,400	3,400	4,000	3,800	3,700	4,400	4,000	3,800	4,600	4,100	3,800	4,700	4,100	3,700
125				3,300	3,200	3,200	3,800	3,600	3,500	4,100	3,800	3,600	4,400	3,900	3,600	4,500	3,900	3,600
130				3,100	3,100	3,100	3,600	3,400	3,300	3,900	3,600	3,400	4,200	3,700	3,500	4,300	3,800	3,400
135				3,000	2,900	2,900	3,400	3,200	3,200	3,700	3,400	3,300	4,000	3,600	3,300	4,100	3,600	3,300
140				2,900	2,900	2,900	3,200	3,100	3,000	3,500	3,300	3,100	3,800	3,400	3,200	3,900	3,400	3,100
145				2,900	2,900		3,100	2,900	2,900	3,400	3,100	3,000	3,600	3,300	3,100	3,700	3,300	3,000
150				2,900			2,900	2,800	2,800	3,200	3,000	2,900	3,300	3,100	2,900	3,300	3,200	2,900
155							2,800	2,700	2,700	3,100	2,900	2,800	3,000	3,000	2,800	2,900	3,000	2,800
160							2,800	2,700	2,700	3,000	2,800	2,700	2,700	2,900	2,700	2,500	2,900	2,700
165							2,700	2,700	2,700	2,900	2,800	2,600	2,400	2,600	2,600	2,200	2,500	2,600
170							2,700	2,700		2,600	2,600	2,600	2,100	2,300	2,500	1,800	2,100	2,500
175							2,700	2,700		2,400	2,500	2,500	1,800	2,000	2,200	1,400	1,800	2,100
180										2,200	2,300	2,400	1,600	1,700	1,900		1,400	1,800
185										2,000	2,100	2,100	1,300	1,500	1,600			1,400
190										1,800	1,900	2,000		1,200	1,400			
195										1,700	1,700							
200										1,600								
Min.Bm. Ang./Cap.	0/3,000	0/3,000	0/3,100	0/2,600	0/2,600	0/2,800	0/1,600	0/1,600	0/1,700	24.0/0	24.0/0	24.0/0	45.0/0	46.5/0	46.5/0	56.0/0	57.0/0	58.0/0
Radius (ft)	124.8	124.1	121.4	150.7	149.9	146.7	177.4	176.5	173.1	201.9	197.7	191.2	190.0	192.5	195.0	180.0	185.0	190.0

Rated Lifting Capacities In Pounds

91.0' Hydraulic Offset Fly



2° - 45°



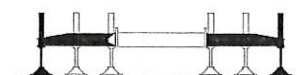
Full



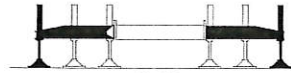
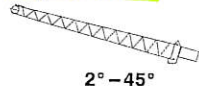
60,000 lb



Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
25	14,800			13,700														
30	12,800	12,800		13,400			13,300											
35	12,300	12,300		11,800	11,800		13,100											
40	11,800	11,800		11,500	11,500		11,500	11,500		12,400								
45	10,600	9,700	9,700	11,100	11,100		11,100	11,100		12,100			10,400					
50	9,500	9,400	9,400	10,100	9,300	9,300	10,400	9,400	9,400	10,700	10,700		10,400					
55	8,500	8,800	8,100	9,100	9,000	9,000	9,500	9,100	9,100	9,900	9,900		9,800	9,800		8,400		
60	7,700	7,900	7,900	8,300	8,300	7,900	8,700	8,500	8,500	9,200	8,400	8,400	9,400	9,400		8,400		
65	7,000	7,100	7,500	7,600	7,600	7,600	8,000	7,800	7,800	8,500	7,800	7,800	8,800	8,800		8,400	8,400	
70	6,300	6,500	6,800	6,900	6,900	7,000	7,300	7,200	7,200	7,900	7,300	7,000	8,200	7,300	7,300	8,300	8,300	
75	5,800	5,900	6,100	6,300	6,300	6,400	6,800	6,600	6,600	7,400	6,800	6,500	7,700	6,900	6,900	7,900	7,900	
80	5,300	5,400	5,600	5,800	5,800	5,800	6,300	6,100	6,100	6,900	6,400	6,100	7,300	6,500	6,000	7,400	6,500	6,500
85	4,900	4,900	5,100	5,400	5,400	5,400	5,800	5,700	5,700	6,400	6,000	5,700	6,800	6,100	5,700	7,000	6,100	6,100
90	4,500	4,500	4,600	4,900	4,900	4,900	5,400	5,200	5,200	6,000	5,600	5,400	6,400	5,800	5,400	6,600	5,800	5,300
95	4,100	4,100	4,200	4,600	4,600	4,600	5,000	4,900	4,900	5,600	5,300	5,100	6,100	5,500	5,100	6,300	5,500	5,000
100	3,800	3,800	3,900	4,200	4,200	4,200	4,700	4,500	4,500	5,300	4,900	4,800	5,700	5,200	4,800	6,000	5,200	4,800
105	3,600	3,600	3,600	3,900	3,900	3,900	4,300	4,200	4,200	5,000	4,700	4,500	5,400	4,900	4,600	5,700	5,000	4,500
110	3,300	3,300	3,300	3,700	3,600	3,600	4,100	4,000	4,000	4,700	4,400	4,200	5,100	4,700	4,400	5,400	4,700	4,300
115	3,100	3,100	3,100	3,400	3,400	3,400	3,800	3,700	3,700	4,400	4,100	4,000	4,800	4,400	4,100	5,100	4,500	4,100
120	3,000	3,000		3,200	3,200	3,200	3,600	3,500	3,500	4,200	3,900	3,800	4,600	4,200	4,000	4,900	4,300	4,000
125				3,100	3,100	3,100	3,400	3,300	3,300	3,900	3,700	3,600	4,400	4,000	3,800	4,600	4,100	3,800
130				3,000	3,000	3,000	3,200	3,100	3,100	3,700	3,500	3,400	4,100	3,800	3,600	4,400	3,900	3,600
135				3,000	3,000		3,100	3,000	3,000	3,500	3,300	3,300	3,900	3,600	3,400	4,200	3,700	3,500
140							3,000	2,900	2,900	3,400	3,200	3,100	3,700	3,400	3,300	4,000	3,600	3,300
145							2,900	2,900		3,200	3,100	3,000	3,600	3,300	3,200	3,800	3,400	3,200
150							2,900	2,900		3,100	2,900	2,900	3,400	3,200	3,000	3,600	3,300	3,100
155										3,000	2,800	2,800	3,300	3,000	2,900	3,300	3,100	3,000
160										2,900	2,800	2,800	3,100	2,900	2,800	2,900	3,000	2,900
165										2,800	2,700	2,700	3,000	2,800	2,800	2,500	2,800	2,800
170										2,800	2,700		2,900	2,700	2,700	2,100	2,400	2,700
175										2,800	2,700		2,800	2,600	2,600	1,800	2,100	2,400
180													2,500	2,600	2,600	1,400	1,700	2,000
185													2,300	2,400	2,500		1,300	1,700
190													2,100	2,200	2,200			1,300
195													1,900	2,000				
200													1,700	1,800				
Min.Bm. Ang./Cap.	0/3,000	0/3,000	0/3,100	0/3,000	0/3,000	0/3,000	0/2,400	0/2,500	0/2,600	0/1,200	0/1,200	0/1,300	21.5/0	25.0/0	27.0/0	47.5/0	48.5/0	48.5/0
Radius (ft)	124.8	124.1	121.4	138.0	137.2	134.3	152.1	151.3	148.1	179.7	178.8	175.3	201.1	201.1	192.6	185.0	188.3	192.5

Rated Lifting Capacities In Pounds			109.0' Hydraulic Offset Fly			 2° - 45°			 Full			 60,000 lb			 EM 1			 360°		
Load Radius (ft)	Boom Length (ft)																			
	42.3			71.2			100.9			131.5			162.9			195.3				
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45		
25	12,100																			
30	12,100																			
35	11,400	11,400		9,200																
40	10,000	10,900		9,200																
45	8,800	9,600		9,200	9,300		7,400													
50	7,800	8,400	9,200	8,400	8,400		7,400													
55	7,000	7,500	8,400	7,600	7,600		7,400	7,500		6,000										
60	6,200	6,600	7,400	6,900	6,900	7,000	6,900	6,900		6,000										
65	5,500	5,900	6,500	6,300	6,300	6,400	6,400	6,400		6,000	6,000		4,700							
70	5,000	5,200	5,800	5,700	5,700	5,800	5,900	5,600	5,600	5,800	5,800		4,700							
75	4,400	4,700	5,100	5,200	5,200	5,200	5,400	5,200	5,200	5,400	5,400		4,700	4,800						
80	4,000	4,200	4,500	4,700	4,700	4,800	5,000	4,800	4,700	5,100	4,700	4,700	4,700	4,800						
85	3,600	3,700	4,000	4,300	4,300	4,300	4,600	4,400	4,300	4,700	4,300	4,300	4,700	4,700		3,000				
90	3,200	3,300	3,500	3,900	3,900	3,900	4,200	4,000	4,000	4,400	4,000	3,800	4,400	3,900	3,900	3,000				
95	2,900	2,900	3,100	3,500	3,500	3,500	3,900	3,700	3,600	4,000	3,700	3,500	4,100	3,700	3,700	3,000				
100	2,500	2,600	2,800	3,200	3,200	3,200	3,600	3,400	3,300	3,800	3,400	3,300	3,800	3,400	3,100	3,000	3,000			
105	2,300	2,300	2,400	2,900	2,900	2,900	3,300	3,100	3,000	3,500	3,200	3,000	3,600	3,200	2,900	3,000	3,000	3,000		
110	2,000	2,000	2,100	2,600	2,600	2,600	3,000	2,900	2,800	3,200	3,000	2,800	3,300	3,000	2,700	3,000	2,800	2,800		
115	1,800	1,800	1,800	2,400	2,300	2,300	2,800	2,600	2,500	3,000	2,700	2,600	3,100	2,700	2,500	3,000	2,600	2,600		
120	1,600	1,600	1,600	2,100	2,100	2,100	2,500	2,400	2,300	2,800	2,500	2,400	2,900	2,500	2,300	2,900	2,400	2,000		
125	1,400	1,400	1,400	1,900	1,900	1,900	2,300	2,200	2,100	2,600	2,300	2,200	2,700	2,400	2,100	2,700	2,300	2,000		
130	1,200	1,200	1,200	1,700	1,700	1,700	2,100	2,000	1,900	2,400	2,100	2,000	2,500	2,200	2,000	2,500	2,100	1,800		
135	1,200			1,500	1,500	1,500	1,900	1,800	1,700	2,200	1,900	1,800	2,300	2,000	1,800	2,000	1,900	1,700		
140	1,200			1,400	1,300	1,300	1,800	1,600	1,600	2,000	1,800	1,600	2,100	1,800	1,600	1,500	1,800	1,500		
145				1,200	1,200	1,200	1,600	1,400	1,400	1,800	1,600	1,500	2,000	1,700	1,500		1,600	1,400		
150							1,400	1,300	1,200	1,700	1,500	1,300	1,800	1,500	1,400		1,200	1,300		
155							1,300			1,500	1,300	1,200	1,700	1,400	1,200					
160							1,200			1,400	1,200		1,400	1,300						
165										1,200										
Min.Bm. Ang./Cap.	0/1,200	33.0/0	33.0/0	39.0/0	44.0/0	44.0/0	46.0/0	52.0/0	54.0/0	53.0/0	58.5/0	61.0/0	60.5/0	64.0/0	67.0/0	69.5/0	71.5/0	73.5/0		
Radius (ft)	142.8	135.0	133.9	150.0	147.5	147.5	162.5	155.0	155.0	170.0	162.5	160.0	165.0	165.0	160.0	145.0	151.0	155.0		

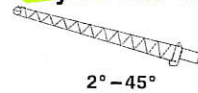
109.0' Hydraulic Offset Fly

Rated Lifting Capacities
In Pounds

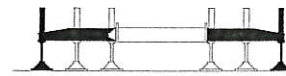
Load Radius (ft)	Boom Length (ft)																	
	42.3			68.2			94.9			122.5			150.9			180.3		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
25	12,100																	
30	12,100																	
35	11,400	11,400		9,600														
40	10,000	10,900		9,600														
45	8,800	9,600		9,300	9,400		8,200											
50	7,800	8,400	9,200	8,400	8,500		8,200	8,200		6,900								
55	7,000	7,500	8,400	7,600	7,700		7,700	7,700		6,900								
60	6,200	6,600	7,400	6,900	6,900	7,100	7,000	7,000		6,900	6,900		5,700					
65	5,500	5,900	6,500	6,200	6,300	6,400	6,400	6,200	6,200	6,500	6,500		5,700					
70	5,000	5,200	5,800	5,700	5,700	5,800	5,900	5,700	5,700	6,000	6,000		5,700	5,700		4,700		
75	4,400	4,700	5,100	5,100	5,200	5,300	5,400	5,200	5,200	5,500	5,200	5,200	5,500	5,500		4,700		
80	4,000	4,200	4,500	4,700	4,700	4,800	5,000	4,800	4,800	5,100	4,800	4,800	5,200	5,200		4,700		
85	3,600	3,700	4,000	4,200	4,200	4,300	4,600	4,400	4,400	4,800	4,400	4,200	4,800	4,400	4,400	4,700	4,700	
90	3,200	3,300	3,500	3,900	3,900	3,900	4,200	4,100	4,000	4,400	4,100	3,900	4,500	4,100	4,100	4,500	4,500	
95	2,900	2,900	3,100	3,500	3,500	3,500	3,900	3,700	3,700	4,100	3,800	3,600	4,200	3,800	3,500	4,200	3,700	3,700
100	2,500	2,600	2,800	3,200	3,200	3,200	3,600	3,400	3,400	3,800	3,500	3,400	3,900	3,500	3,300	3,900	3,400	3,400
105	2,300	2,300	2,400	2,900	2,900	2,900	3,300	3,100	3,100	3,500	3,300	3,100	3,700	3,300	3,000	3,700	3,200	3,200
110	2,000	2,000	2,100	2,600	2,600	2,600	3,000	2,900	2,800	3,300	3,000	2,900	3,400	3,100	2,800	3,400	3,000	2,700
115	1,800	1,800	1,800	2,300	2,300	2,300	2,700	2,600	2,600	3,000	2,800	2,600	3,200	2,800	2,600	3,200	2,800	2,500
120	1,600	1,600	1,600	2,100	2,100	2,100	2,500	2,400	2,300	2,800	2,600	2,400	3,000	2,600	2,400	3,000	2,600	2,300
125	1,400	1,400	1,400	1,900	1,800	1,800	2,300	2,200	2,100	2,600	2,300	2,200	2,700	2,400	2,200	2,800	2,400	2,200
130	1,200	1,200	1,200	1,700	1,600	1,600	2,100	2,000	1,900	2,400	2,100	2,000	2,500	2,300	2,100	2,600	2,200	2,000
135	1,200			1,500	1,500	1,500	1,900	1,800	1,700	2,200	2,000	1,900	2,400	2,100	1,900	2,400	2,100	1,800
140	1,200			1,300	1,300	1,300	1,700	1,600	1,500	2,000	1,800	1,700	2,200	1,900	1,700	2,200	1,900	1,700
145				1,200			1,500	1,400	1,400	1,800	1,600	1,500	2,000	1,800	1,600	2,100	1,800	1,500
150							1,400	1,300	1,200	1,700	1,500	1,400	1,900	1,600	1,400	1,900	1,600	1,400
155							1,200			1,500	1,300	1,200	1,700	1,500	1,300	1,800	1,500	1,300
160										1,400	1,200		1,600	1,300	1,200	1,600	1,300	
165										1,200			1,400	1,200		1,500	1,200	
170													1,300			1,200		
Min.Bm. Ang./Cap.	0/1,200	33.0/0	33.0/0	37.5/0	43.5/0	43.5/0	44.5/0	50.0/0	51.5/0	50.0/0	54.5/0	58.5/0	55.5/0	60.0/0	64.0/0	62.0/0	66.0/0	70.0/0
Radius (ft)	142.8	135.0	133.9	150.0	145.0	145.0	160.0	155.0	155.0	170.0	165.0	160.0	175.0	170.0	162.5	171.7	170.0	160.0

Rated Lifting Capacities In Pounds

109.0' Hydraulic Offset Fly



2°-45°



Full



60,000 lb



Load Radius (ft)	Boom Length (ft)																	
	42.3			55.5			69.6			97.2			125.7			155.0		
Offset In °	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45	2-15	15-30	30-45
25	12,100																	
30	12,100			10,900														
35	11,400	11,400		10,900			10,700											
40	10,000	10,900		10,300	10,500		10,700			9,700								
45	8,800	9,600		9,200	9,600		9,600	9,700		9,700								
50	7,800	8,400	9,200	8,200	8,500		8,700	8,700		8,800	8,800		8,000					
55	7,000	7,500	8,400	7,400	7,600	8,200	7,800	7,900	8,100	8,100	8,100		8,000					
60	6,200	6,600	7,400	6,600	6,900	7,300	7,100	7,100	7,300	7,400	7,400		7,400	7,400		6,500		
65	5,500	5,900	6,500	6,000	6,200	6,500	6,400	6,500	6,600	6,800	6,500	6,500	6,900	6,900		6,500		
70	5,000	5,200	5,800	5,400	5,500	5,800	5,800	5,900	6,000	6,200	6,000	6,000	6,400	6,400		6,300	6,300	
75	4,400	4,700	5,100	4,900	5,000	5,200	5,300	5,300	5,400	5,700	5,500	5,500	5,900	5,500	5,500	5,900	5,900	
80	4,000	4,200	4,500	4,400	4,500	4,700	4,800	4,800	4,900	5,300	5,100	5,000	5,500	5,100	5,100	5,500	5,500	
85	3,600	3,700	4,000	4,000	4,100	4,200	4,400	4,400	4,400	4,900	4,700	4,600	5,100	4,700	4,500	5,200	4,600	4,600
90	3,200	3,300	3,500	3,600	3,700	3,800	4,000	4,000	4,000	4,500	4,300	4,200	4,700	4,400	4,200	4,800	4,300	4,300
95	2,900	2,900	3,100	3,200	3,300	3,400	3,600	3,600	3,600	4,100	3,900	3,900	4,400	4,100	3,900	4,500	4,000	3,700
100	2,500	2,600	2,800	2,900	2,900	3,000	3,300	3,300	3,300	3,800	3,600	3,600	4,100	3,800	3,600	4,200	3,800	3,500
105	2,300	2,300	2,400	2,600	2,600	2,700	3,000	3,000	3,000	3,500	3,300	3,300	3,800	3,500	3,300	3,900	3,500	3,300
110	2,000	2,000	2,100	2,400	2,400	2,400	2,700	2,700	2,700	3,200	3,100	3,000	3,500	3,200	3,100	3,700	3,300	3,000
115	1,800	1,800	1,800	2,100	2,100	2,100	2,400	2,400	2,400	2,900	2,800	2,700	3,300	3,000	2,900	3,400	3,100	2,800
120	1,600	1,600	1,600	1,900	1,900	1,900	2,200	2,200	2,200	2,700	2,600	2,500	3,000	2,800	2,600	3,200	2,800	2,600
125	1,400	1,400	1,400	1,700	1,700	1,700	2,000	1,900	1,900	2,500	2,300	2,300	2,800	2,600	2,400	3,000	2,600	2,400
130	1,200	1,200	1,200	1,500	1,500	1,500	1,800	1,700	1,700	2,300	2,100	2,100	2,600	2,400	2,200	2,700	2,400	2,200
135	1,200			1,300	1,300	1,300	1,600	1,500	1,500	2,100	1,900	1,900	2,400	2,200	2,000	2,600	2,300	2,100
140	1,200			1,200			1,400	1,400	1,400	1,900	1,800	1,700	2,200	2,000	1,900	2,400	2,100	1,900
145							1,300	1,200	1,200	1,700	1,600	1,500	2,000	1,800	1,700	2,200	1,900	1,800
150							1,200			1,500	1,400	1,400	1,900	1,700	1,600	2,000	1,800	1,600
155										1,400	1,300	1,300	1,700	1,500	1,400	1,900	1,600	1,500
160										1,300			1,500	1,400	1,300	1,700	1,500	1,300
165													1,400	1,200	1,200	1,600	1,300	1,200
170													1,300			1,400	1,200	
175													1,200			1,300		
Min.Bm. Ang./Cap.	0/1,200	33.0/0	33.0/0	32.5/0	39.5/0	39.5/0	34.5/0	40.5/0	41.5/0	42.5/0	47.5/0	49.0/0	46.5/0	53.0/0	55.5/0	54.5/0	59.0/0	62.5/0
Radius (ft)	142.8	135.0	133.9	145.0	140.0	140.0	155.0	150.0	150.0	165.0	160.0	160.0	180.0	170.0	167.5	177.5	175.0	170.0