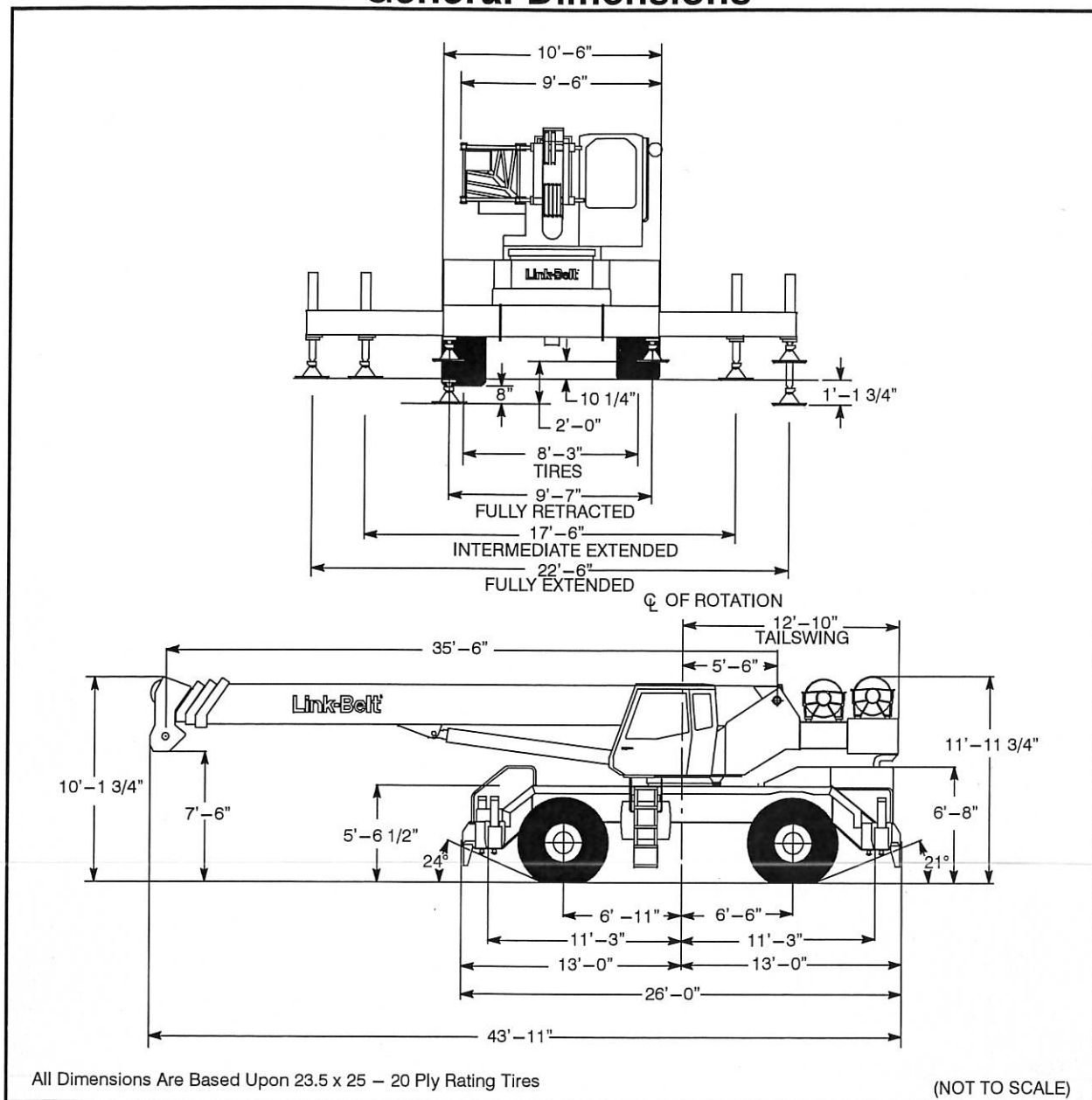


General Dimensions



Tire Inflation

Tire Size	Operation	Tire Pressure (psi)
23.5 X 25 - 20 Ply Rating	Stationary	85
	Creep	85
	2.5 mph	85

Pontoon Loadings

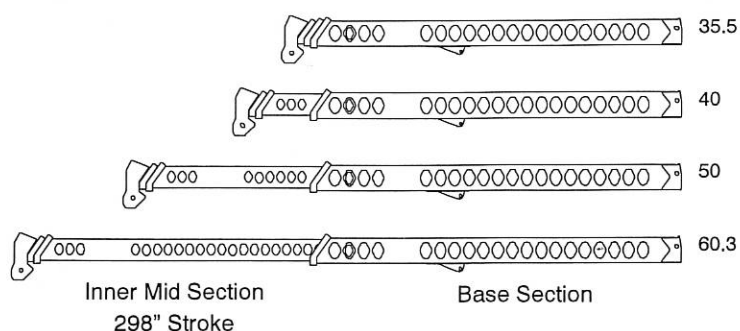
Maximum Pontoon Load:	Maximum Pontoon Ground Bearing Pressure:
63,500 lb	213 psi

Boom Modes

Boom Mode "A"

Only inner mid section telescopes.

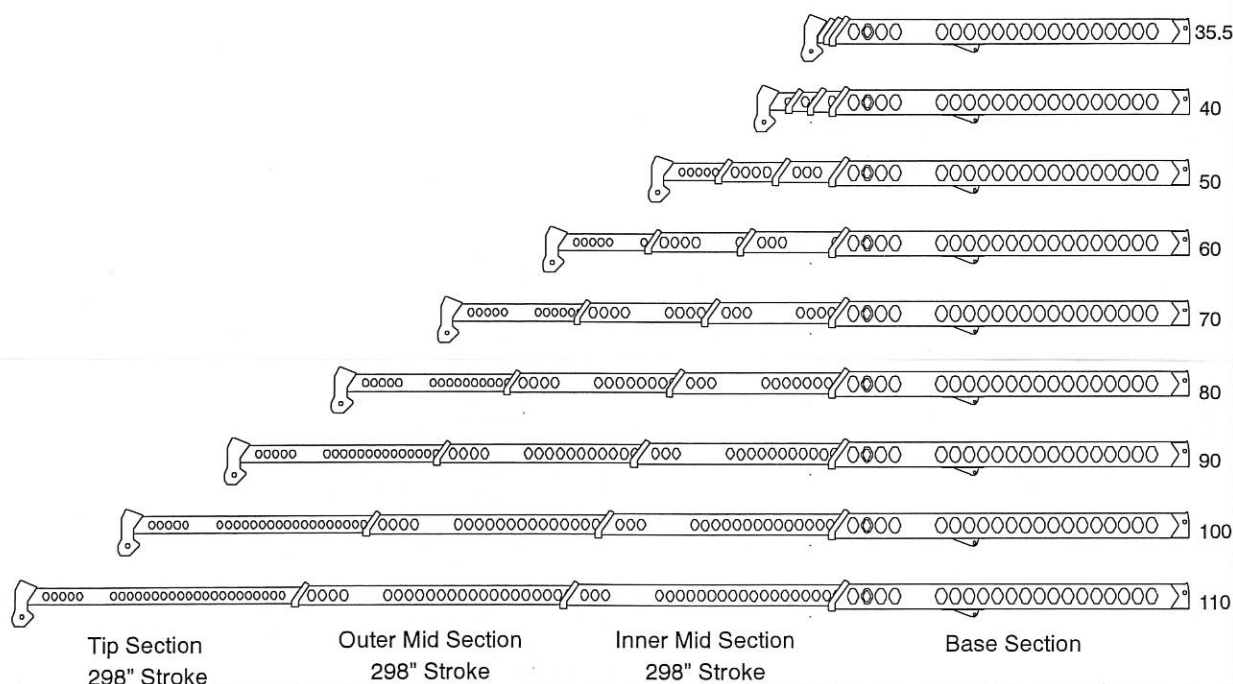
Boom Length (Ft.)



Boom Mode "B"

Inner mid, outer mid, and tip sections telescope simultaneously.

Boom Length (Ft.)



Wind Speed Restrictions

If The Wind Speed Exceeds:	Rated Lifted Capacities Must Be Reduced By At Least:
20 mph	40%
30 mph	70%
40 mph	Crane operation must be shutdown and the boom retracted and lowered to horizontal.
- Additional reductions are required for loads with large wind sail area. - These restrictions are based on crane on fully extended outriggers. - During high winds, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle.	

Winch Performance

Winch Line Pulls			Drum Rope Capacity (ft)	
Wire Rope Layer	Two Speed Winch		Layer	Total
	Low Speed	High Speed		
	Available lb*	Available lb		
1	15,390	7,302	114	114
2	14,150	6,714	124	238
3	13,094	6,213	134	372
4	12,185	5,781	144	516
5	11,394	5,406	154	670

* Maximum lifting capacity: Type RB Rope=12,920 lb, Type YB Rope=16,000 lb, Type ZB Rope=15,600 lb

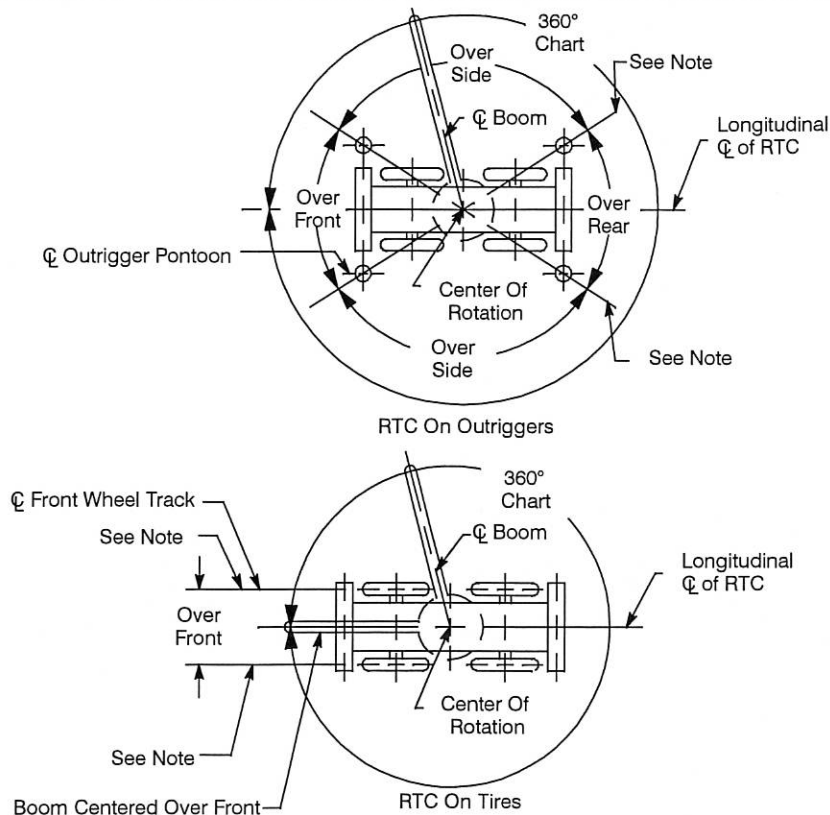
Wire Rope Capacity

Maximum Lifting Capacities Based On Wire Rope Strength				
Parts of Line	3/4"	3/4"	3/4"	Notes
	Type RB	Type YB	Type ZB	
1	12,920	16,000	15,600	Capacities shown are in pounds and working loads must not exceed the ratings on the capacity charts in the Crane Rating Manual. Study Operator's Manual for wire rope inspection procedures and single part of line applications.
2	25,840	32,000	31,200	
3	38,760	48,000	46,800	
4	51,680	64,000	62,400	
5	64,600	80,000	78,000	
6	77,520	96,000	93,600	
7	90,440	112,000	109,200	
8	103,360	128,000	124,800	
Rope Weight—lb/ft	1.0	1.2	1.2	
LBCE	Description			
TYPE RB	18 X 19 Rotation Resistant – Compacted Strand – High Strength – Preformed – Right Regular Lay			
TYPE YB	34 X 7 Rotation Resistant – WSC – Compacted Strand – Right Lang Lay			
TYPE ZB	34 X 7 Rotation Resistant – Extra Improved Plow Steel – Right Regular Lay or Right Lang Lay			

Hydraulic Circuit Pressure Settings

Function	Pressure (psi)
Front and Rear Winch	3,500
Outrigger	3,000
Boom Hoist	3,500
Telescope	3,000
Swing	1,500
Steering	2,500
Pilot Control	500
Throttle	125

Working Areas

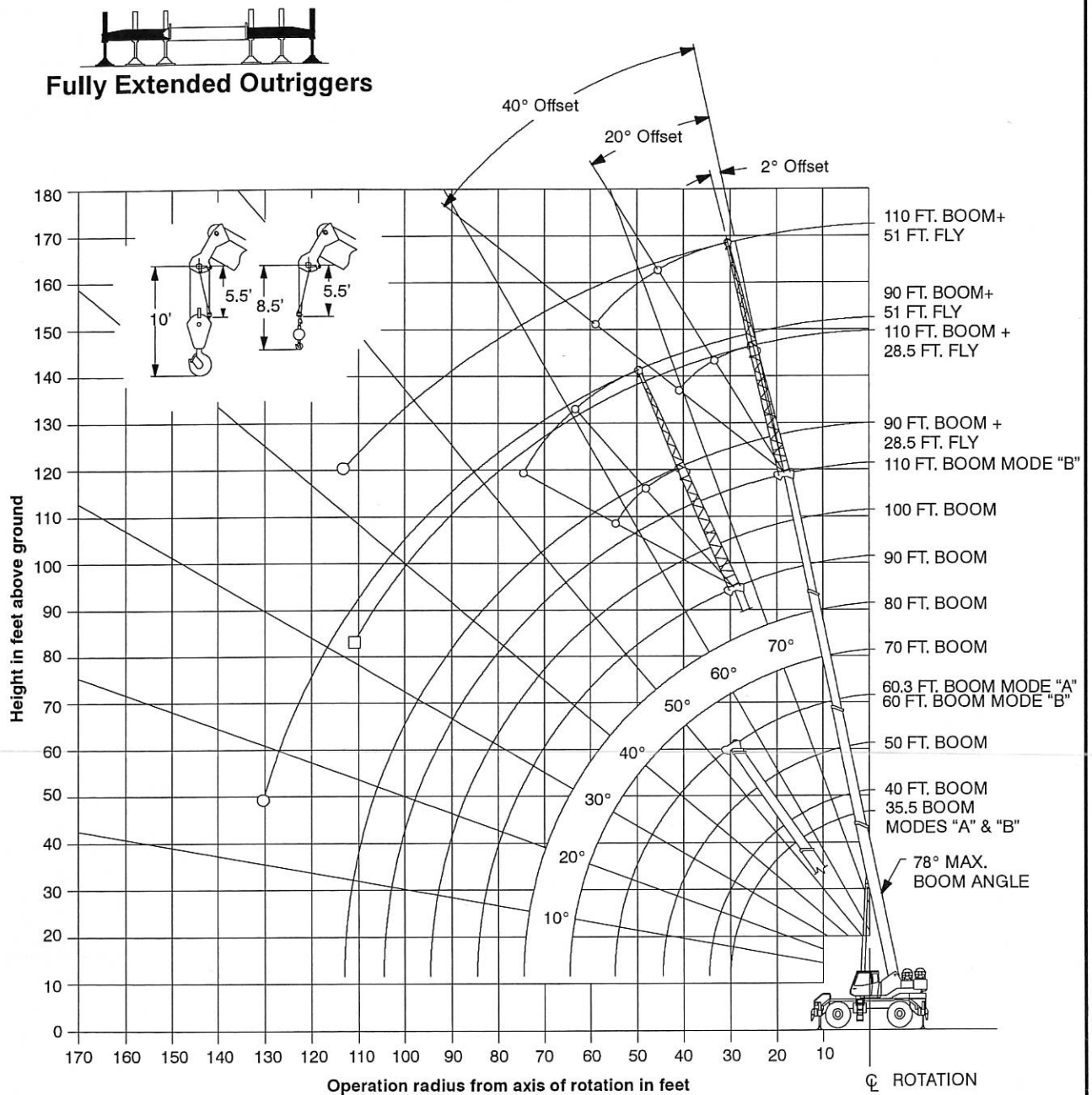


Note: These Lines Determine The Limiting Position Of Any Load For Operation Within Working Areas Indicated.

Capacity Deductions For Auxiliary Load Handling Equipment

Load Handling Equipment	Weight (lb)
Auxiliary Head Attached	100
40 Ton Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	720
60 Ton Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	1,109
8.5 Ton Hook Ball (See Hook Ball For Actual Weight)	360
10 Ton Hook Ball (See Hook Ball For Actual Weight)	583
Lifting From Main Boom With:	
28.5' Or 51' Fly Stowed On Boom Base (See Operation Note 4)	0
28.5' Offset Fly Erected But Not Used	3,200
51' Offset Fly Erected But Not Used	6,800
Lifting From 28.5' Offset Fly With:	
22.5' Fly Tip Erected But Not Used	Prohibited
22.5' Fly Tip Stowed On 28.5' Offset Fly	Prohibited
Note: Capacity deductions are for Link-Belt supplied equipment only.	

Working Range Diagram



- Denotes Main Boom + 51 Ft. Offset Fly-Boom Mode "B"
- Denotes Main Boom + 28.5 Ft. Offset Fly-Boom Mode "B"

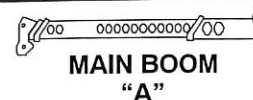
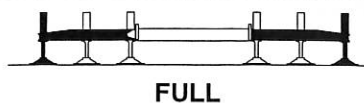
Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.



WARNING

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

**Rated Lifting Capacities In Pounds
Fully Extended Outriggers
See Set Up Note 2**



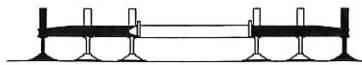
Load Radius (Ft.)	35.5 Ft.			40 Ft.			Load Radius (Ft.)
	$\angle^\circ$	360°	Over Front	$\angle^\circ$	360°	Over Front	
10	68.0	100,000	100,000	70.5	78,400	78,400	10
12	64.5	73,900	75,400	67.5	73,100	73,100	12
15	58.5	63,200	64,400	62.5	63,000	63,800	15
20	48.0	50,300	51,300	54.0	50,100	51,200	20
25	34.5	39,000	40,900	44.0	38,900	40,700	25
30				31.0	30,800	32,300	30
Min.Bm. Ang./Cap.	0 (30.0)	17,800	17,800	0 (34.5)	15,300	15,300	Min.Bm. Ang./Cap.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

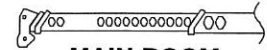
$\angle^\circ$ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown in Parenthesis) Are In Feet.

**Rated Lifting Capacities In Pounds
Fully Extended Outriggers
See Set Up Note 2**



FULL



**MAIN BOOM
"A"**

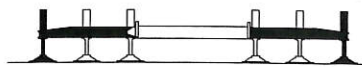
Load Radius (Ft.)	50 Ft.			60.3 Ft.			Load Radius (Ft.)
	$\angle^\circ$	360°	Over Front	$\angle^\circ$	360°	Over Front	
10	75.0	72,600	72,600				10
12	72.5	65,600	65,600	76.5	50,900	50,900	12
15	69.0	57,500	57,500	73.5	46,900	46,900	15
20	62.5	47,600	47,600	68.5	39,200	39,200	20
25	55.5	38,500	40,200	63.0	33,400	33,400	25
30	48.0	30,500	32,100	57.5	28,700	28,700	30
35	39.0	24,800	26,100	51.0	24,600	25,200	35
40	27.5	19,100	20,400	44.0	18,900	20,200	40
45				36.0	14,900	16,000	45
50				26.0	11,800	12,800	50
Min.Bm. Ang./Cap.	0 (44.5)	10,100	10,100	0 (54.8)	6,500	6,500	Min.Bm. Ang./Cap.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

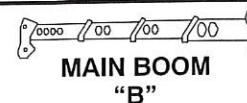
$\angle$ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown in Parenthesis) Are In Feet.

**Rated Lifting Capacities In Pounds
Fully Extended Outriggers
See Set Up Note 2**



FULL



**MAIN BOOM
"B"**

Load Radius (Ft.)	35.5 Ft.			40 Ft.			50 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	∠ °	360°	Over Front	
10	68.0	100,000	100,000	70.5	37,900	37,900	74.5	37,900	37,900	10
12	64.5	73,900	75,400	67.5	37,900	37,900	72.5	37,900	37,900	12
15	58.5	63,200	64,400	62.5	37,900	37,900	69.0	37,900	37,900	15
20	48.0	50,300	51,300	54.0	37,900	37,900	62.5	37,900	37,900	20
25	34.5	39,000	40,900	44.0	37,900	37,900	55.5	37,900	37,900	25
30				31.0	31,300	32,900	48.0	31,900	33,500	30
35							39.0	26,100	27,500	35
40							27.5	20,800	22,100	40
Min.Bm. Ang./Cap.	0 (30.0)	17,800	17,800	0 (34.5)	14,700	14,700	0 (44.5)	9,900	9,900	Min.Bm. Ang./Cap.

Load Radius (Ft.)	60 Ft.			70 Ft.			80 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	∠ °	360°	Over Front	
10	77.5	37,900	37,900							10
12	76.0	37,900	37,900	78.0*	37,900	37,900				12
15	73.0	37,900	37,900	76.0	37,900	37,900	78.0*	35,400	35,400	15
20	68.0	37,900	37,900	72.0	37,900	37,900	74.5	34,700	34,700	20
25	62.5	37,900	37,900	67.5	37,900	37,900	71.0	34,200	34,200	25
30	56.5	32,300	33,900	62.5	32,500	32,800	67.0	30,300	30,300	30
35	50.5	26,500	27,800	57.5	26,700	28,100	63.0	26,900	27,200	35
40	43.5	21,200	22,500	52.5	21,400	22,700	58.5	21,500	22,800	40
45	35.5	17,100	18,200	46.5	17,300	18,400	54.0	17,400	18,500	45
50	25.0	13,900	14,900	40.5	14,200	15,200	49.0	14,300	15,300	50
55				33.0	11,900	12,700	44.0	12,100	12,800	55
60				23.5	10,000	10,700	38.0	10,200	10,900	60
65							31.0	8,600	9,300	65
70							22.0	7,300	7,900	70
Min.Bm. Ang./Cap.	0 (54.5)	7,000	7,000	0 (64.5)	5,000	5,000	0 (74.5)	3,500	3,500	Min.Bm. Ang./Cap.

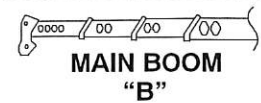
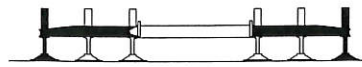
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

* This Capacity Based On Maximum Obtainable Boom Angle.

**Rated Lifting Capacities In Pounds
Fully Extended Outriggers
See Set Up Note 2**

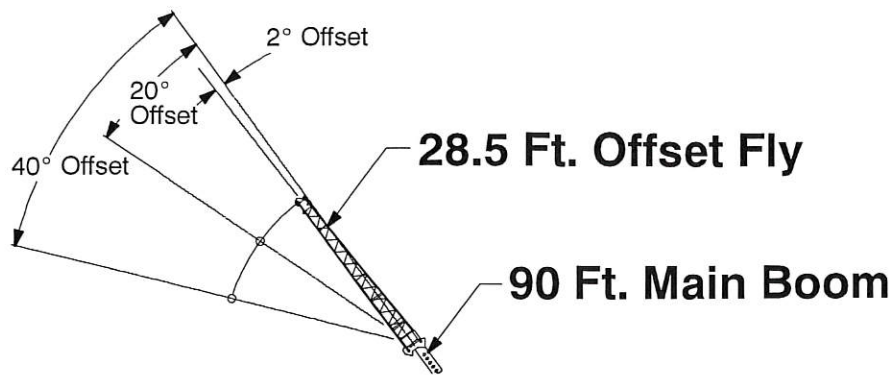


Load Radius (Ft.)	90 Ft.			100 Ft.			110 Ft.			Load Radius (Ft.)
	$\angle^\circ$	360°	Over Front	$\angle^\circ$	360°	Over Front	$\angle^\circ$	360°	Over Front	
20	77.0	28,900	28,900							20
25	74.0	28,200	28,200	76.0	24,000	24,000	77.5	19,500	19,500	25
30	70.5	24,800	24,800	73.0	22,500	22,500	75.0	19,500	19,500	30
35	67.0	22,000	22,000	70.0	19,900	19,900	72.5	18,300	18,300	35
40	63.5	19,700	19,700	67.0	17,800	17,800	70.0	16,400	16,400	40
45	59.5	17,500	17,800	63.5	15,900	15,900	67.0	14,600	14,600	45
50	55.5	14,400	15,400	60.5	14,400	14,400	64.0	13,200	13,200	50
55	51.0	12,200	12,900	56.5	12,200	13,000	61.0	12,100	12,100	55
60	46.5	10,300	11,000	53.0	10,300	11,100	57.5	10,400	11,000	60
65	41.5	8,700	9,400	49.0	8,800	9,500	54.0	8,900	9,600	65
70	36.0	7,500	8,100	44.5	7,500	8,200	50.5	7,600	8,200	70
75	29.5	6,400	6,900	40.0	6,500	7,100	47.0	6,500	7,100	75
80	21.0	5,400	6,000	34.5	5,500	6,100	42.5	5,600	6,200	80
85				28.5	4,700	5,200	38.5	4,800	5,300	85
90				20.5	4,000	4,500	33.5	4,100	4,600	90
95							27.5	3,500	3,900	95
100							20.0	2,900	3,400	100
Min.Bm. Ang./Ca p.	0 (84.5)	2,400	2,400	0 (94.5)	1,600	1,600	0 (104.5)	900	900	Min.Bm. Ang./Ca p.

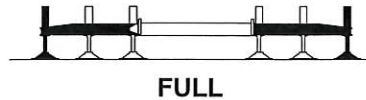
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

$\angle^\circ$ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.



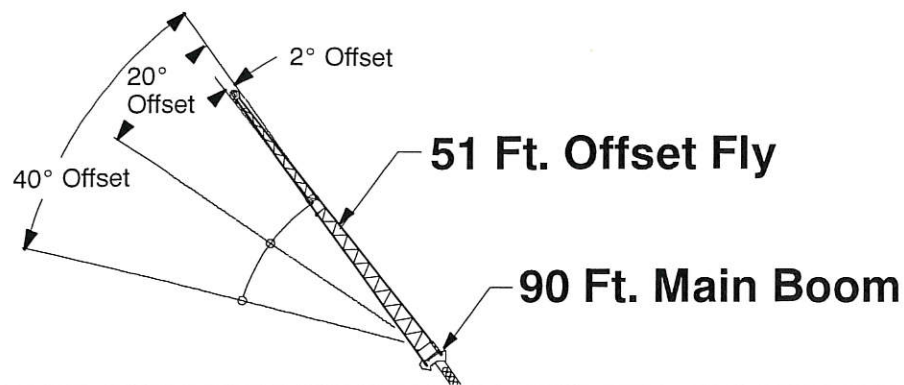
**Rated Lifting Capacities In Pounds
Fully Extended Outriggers
See Set Up Note 2**



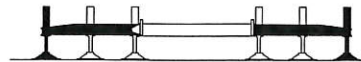
Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	$\angle^\circ$	360°	$\angle^\circ$	360°	$\angle^\circ$	360°	
30	77.0	16,700					30
35	74.5	14,200					35
40	72.0	13,400	75.5	10,500			40
45	69.5	12,700	73.0	10,100	76.5	7,900	45
50	67.0	12,100	70.5	9,600	73.5	7,600	50
55	64.5	11,500	68.0	9,100	71.0	7,400	55
60	61.5	10,600	65.0	8,700	68.0	7,200	60
65	58.5	9,700	62.0	8,300	65.0	7,000	65
70	55.0	8,400	59.0	8,000	62.0	6,800	70
75	52.0	7,300	56.0	7,700	58.5	6,700	75
80	48.5	6,400	52.5	6,800	55.0	6,600	80
85	44.5	5,500	48.5	5,900	51.0	6,100	85
90	40.5	4,800	44.0	5,100	46.5	5,300	90
95	36.0	4,200	39.5	4,400	41.0	4,500	95
100	31.0	3,600	34.5	3,800			100
105	25.0	3,200	28.0	3,300			105
110	16.5	2,700					110
Min.Bm. Ang./Cap.	0	700	0	800	0	900	Min.Bm. Ang./Cap.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

$\angle^\circ$ Loaded Boom Angle In Degrees.



**Rated Lifting Capacities In Pounds
Fully Extended Outriggers.
See Set Up Note 2**



FULL

Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	$\angle^\circ$	360°	$\angle^\circ$	360°	$\angle^\circ$	360°	
35	78.0*	9,100					35
40	76.0	8,600					40
45	74.0	8,100					45
50	72.0	7,500	78.0*	5,400			50
55	70.0	7,000	75.5	5,100			55
60	67.5	6,500	73.5	4,800			60
65	65.5	6,100	71.5	4,600	77.0	3,600	65
70	63.0	5,700	69.0	4,400	74.5	3,500	70
75	61.0	5,400	66.5	4,200	72.0	3,400	75
80	58.5	5,000	64.0	4,000	69.5	3,300	80
85	56.0	4,800	61.5	3,800	66.5	3,300	85
90	53.0	4,500	59.0	3,700	64.0	3,200	90
95	50.5	4,300	56.0	3,600	61.0	3,100	95
100	47.5	4,100	53.0	3,500	57.5	3,100	100
105	44.5	3,700	50.0	3,300	54.0	3,100	105
110	41.0	3,300	46.5	3,300	50.0	3,000	110
115	37.0	2,900	43.0	3,200	46.0	3,000	115
120	33.0	2,500	38.5	2,800	40.5	2,900	120
125	28.0	2,200	33.0	2,400			125
130	22.0	1,900	26.0	2,000			130



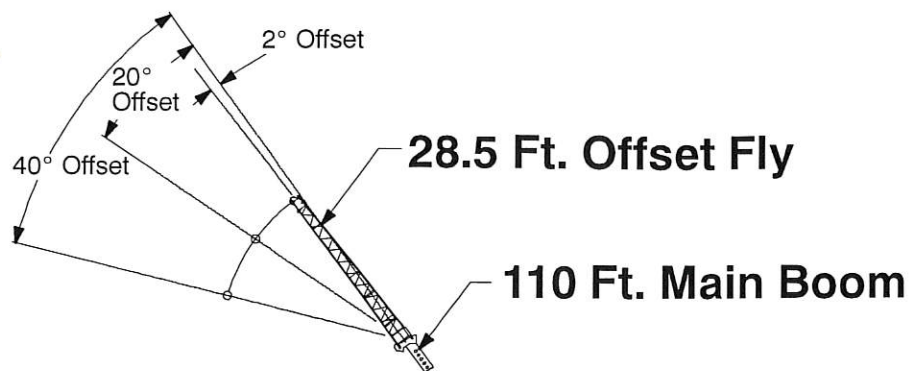
WARNING

Do Not Lower 51 Ft. Offset Fly In Working Position Below 15.5° Main Boom Angle Unless Main Boom Length Is 89 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

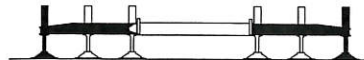
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

$\angle^\circ$ Loaded Boom Angle In Degrees.

* This Capacity Based On Maximum Obtainable Boom Angle.



**Rated Lifting Capacities In Pounds
Fully Extended Outriggers.
See Set Up Note 2**



FULL

Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	$\angle^\circ$	360°	$\angle^\circ$	360°	$\angle^\circ$	360°	
35	77.0	9,400					35
40	75.5	9,400					40
45	73.5	9,400	77.0	9,500			45
50	71.5	9,400	75.0	9,100	78.0*	7,500	50
55	69.5	9,200	73.0	8,400	76.0	7,300	55
60	67.5	8,500	70.5	7,800	73.5	7,100	60
65	65.0	7,900	68.5	7,300	71.0	6,900	65
70	62.5	7,300	66.0	6,800	68.5	6,500	70
75	60.0	6,800	63.5	6,400	66.0	6,100	75
80	57.5	6,200	61.0	6,000	63.5	5,800	80
85	54.5	5,300	58.0	5,700	60.5	5,500	85
90	51.5	4,600	55.0	5,000	57.5	5,200	90
95	48.5	4,000	52.0	4,300	54.5	4,600	95
100	45.5	3,500	48.5	3,700	50.5	3,900	100
105	42.0	3,000	45.0	3,200	47.0	3,300	105
110	38.0	2,500	41.0	2,700	42.5	2,800	110
115	34.0	2,100	37.0	2,300			115

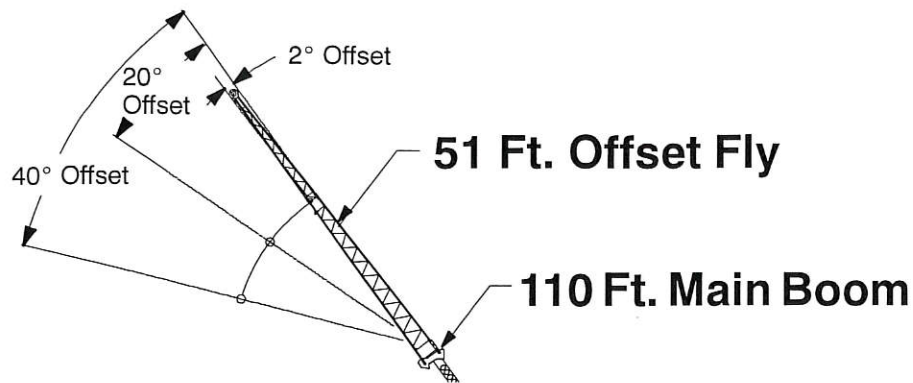
! WARNING

Do Not Lower 28.5 Ft. Offset Fly In Working Position Below 31.5° Main Boom Angle Unless Main Boom Length Is 98 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

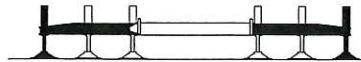
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

$\angle^\circ$ Loaded Boom Angle In Degrees.

*This Capacity Based On Maximum Obtainable Boom Angle.



**Rated Lifting Capacities In Pounds
Fully Extended Outriggers.
See Set Up Note 2**



FULL

Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	$\angle^\circ$	360°	$\angle^\circ$	360°	$\angle^\circ$	360°	
45	77.0	6,200					45
50	75.5	6,200					50
55	74.0	6,200					55
60	72.5	6,200	77.5	4,800			60
65	70.5	6,000	75.5	4,600			65
70	68.5	5,700	73.5	4,400			70
75	66.5	5,300	72.0	4,300	76.5	3,400	75
80	64.5	4,900	70.0	4,100	74.5	3,400	80
85	62.5	4,600	68.0	4,000	72.5	3,300	85
90	60.5	4,300	66.0	3,800	70.0	3,200	90
95	58.5	4,000	63.5	3,700	68.0	3,200	95
100	56.0	3,800	61.5	3,500	65.5	3,100	100
105	53.5	3,500	59.0	3,300	63.0	3,100	105
110	51.0	3,000	56.5	3,200	60.5	3,000	110
115	48.5	2,600	54.0	3,000	57.5	2,900	115
120	45.5	2,200	51.0	2,600	54.5	2,800	120
125			47.5	2,200	51.0	2,400	125
130			44.5	1,900	47.0	2,000	130



WARNING

Do Not Lower 51 Ft. Offset Fly In Working Position Below 42.5° Main Boom Angle Unless Main Boom Length Is 89 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

$\angle^\circ$ Loaded Boom Angle In Degrees.