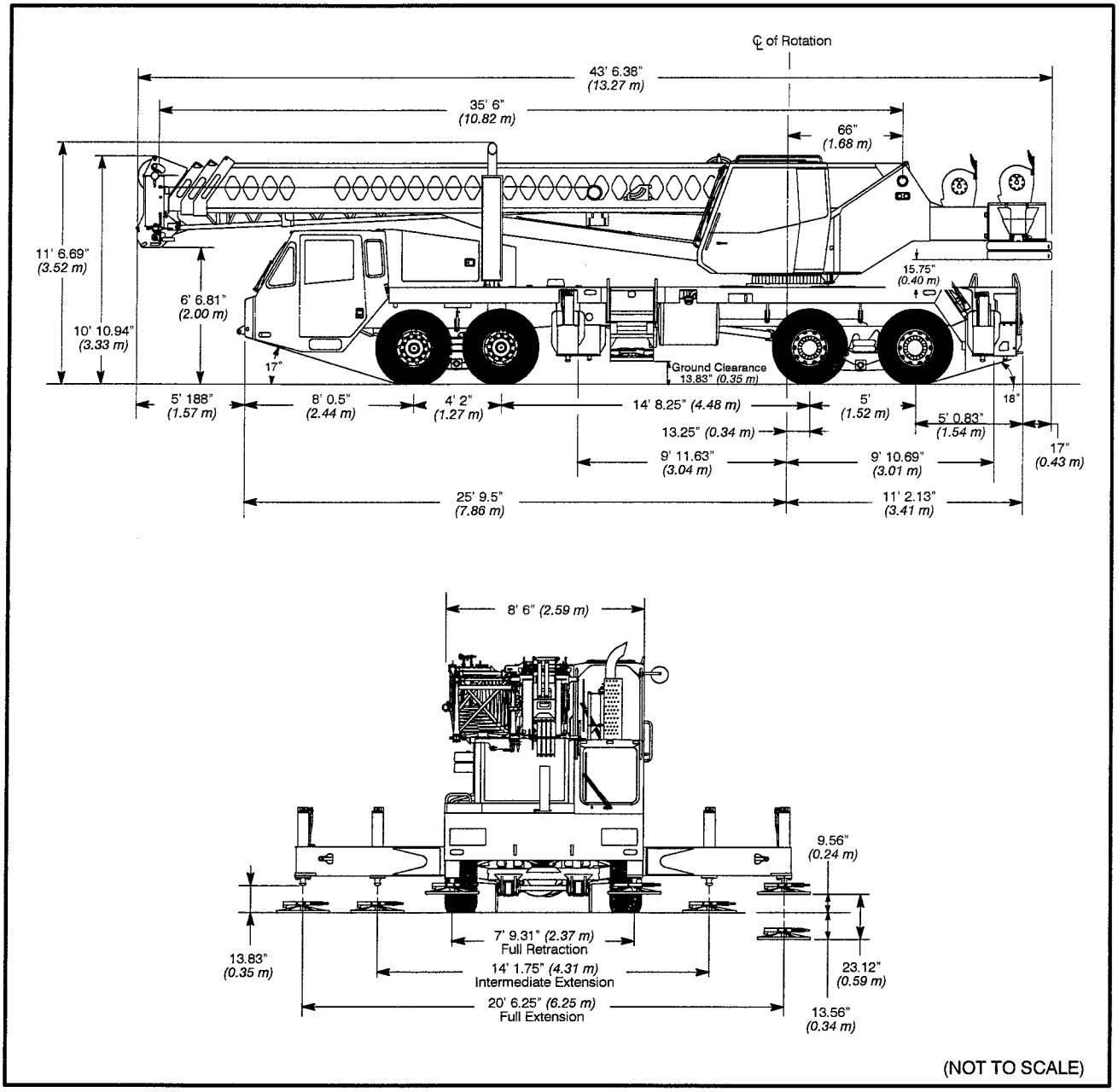
General Dimensions



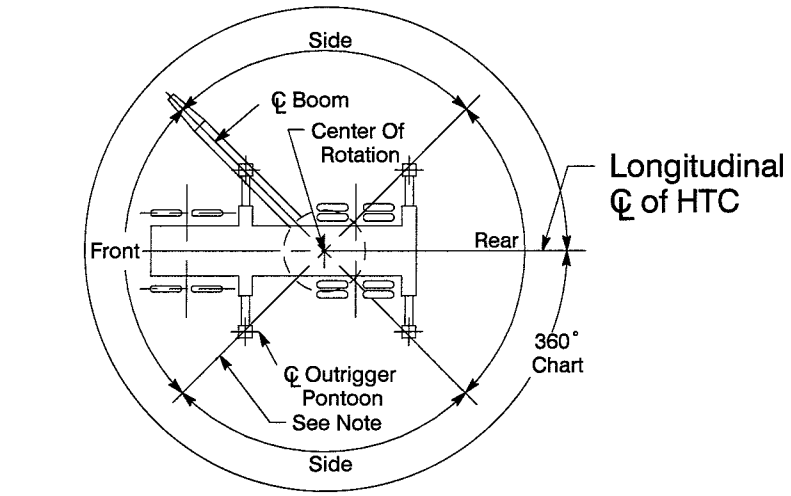
Tire Inflation

Tire Size	Operation	Tire Pressure
11 R 22.5	Stationary 1 mph	120 psi 120 psi

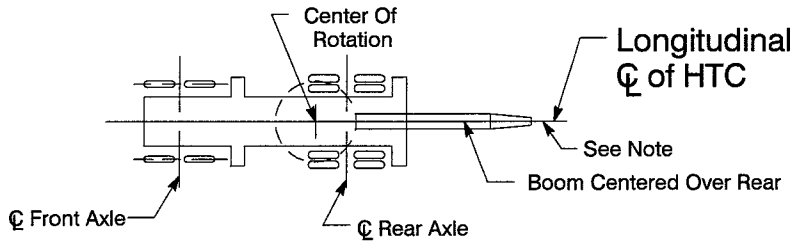
Pontoon Loadings

Maximum Pontoon Load:	Maximum Pontoon Ground Bearing Pressure:
76,000 lb	170 psi

Working Areas



HTC On Outriggers



HTC On Tires

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

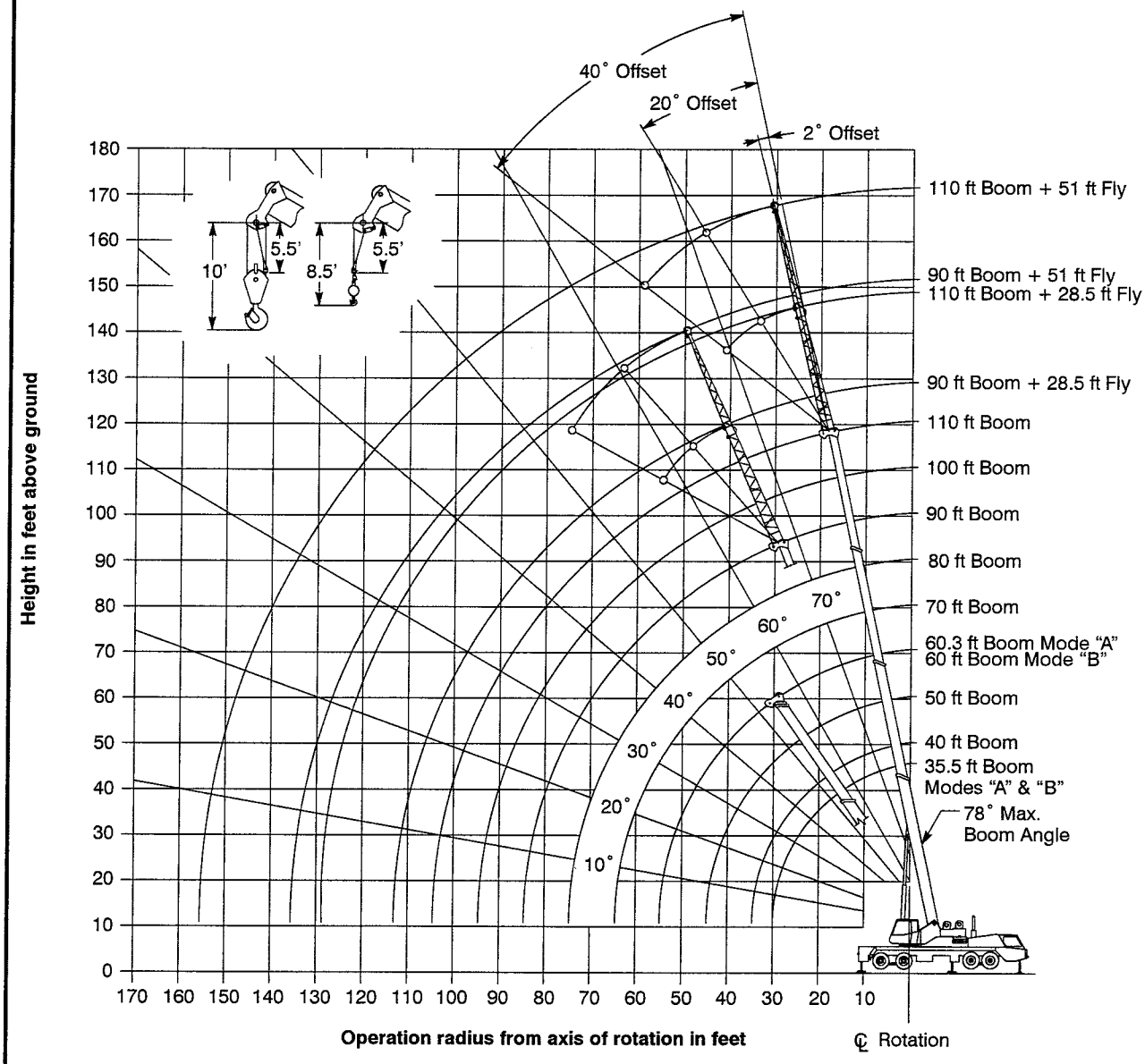
Capacity Deductions

Load Handling Equipment	Weight (lb)
40 Ton Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	780
50 Ton Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	1,090
60 Ton Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	1,100
8.5 Ton Hook Ball (See Hook Ball For Actual Weight)	360

Auxiliary Lifting Devices	Weight (lb)
Auxiliary Head Attached	100
Lifting From Main Boom With:	
28.5 ft Or 51 ft Fly Stowed On Boom Base (See Operation Note 5)	0
28.5 ft Offset Fly Erected But Not Used	3,900
51 ft Offset Fly Erected But Not Used	7,800
Lifting From 28.5 ft Offset Fly With:	
22.5 ft Fly Tip Erected But Not Used	**Prohibited**
22.5 ft Fly Tip Stowed On 28.5 ft Offset Fly	**Prohibited**

Note: Capacity deductions are for Link–Belt supplied equipment only.

Working Range Diagram

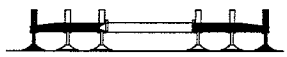


Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

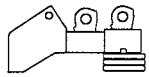
⚠ WARNING

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

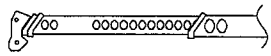
Rated Lifting Capacities In Pounds



Full Outriggers



15,100 # CTWT



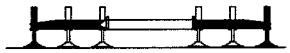
Main Boom "A"

Load Radius (ft)	35.5 ft			40 ft			Load Radius (ft)
	∠ °	360°	Over Rear	∠ °	360°	Over Rear	
7	73.5	120,000	120,000				7
10	68.0	100,000	100,000	70.5	80,900	80,900	10
12	64.5	76,000	76,000	67.5	73,200	73,200	12
15	58.5	65,800	65,800	62.5	63,600	63,600	15
20	48.0	53,400	53,400	54.0	52,000	52,000	20
25	34.5	41,900	41,900	44.0	41,700	41,700	25
30				31.0	32,200	33,400	30
Min.Bm. Ang./Cap.	0.0 (30.0)	17,800	17,800	0.0 (34.5)	15,400	15,400	Min.Bm. Ang./Cap.

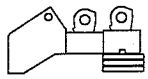
Load Radius (ft)	50 ft			60.3 ft			Load Radius (ft)
	∠ °	360°	Over Rear	∠ °	360°	Over Rear	
10	75.0	72,800	72,800				10
12	72.5	65,800	65,800	76.5	50,900	50,900	12
15	69.0	57,700	57,700	73.5	47,300	47,300	15
20	62.5	47,500	47,500	68.5	39,300	39,300	20
25	55.5	40,300	40,300	63.0	33,500	33,500	25
30	48.0	31,800	33,100	57.5	28,800	28,800	30
35	39.0	23,700	27,100	51.0	23,400	25,300	35
40	27.5	18,300	22,600	44.0	18,100	22,400	40
45				36.0	14,300	18,700	45
50				26.0	11,500	15,300	50
Min.Bm. Ang./Cap.	0.0 (44.5)	10,100	10,100	0.0 (54.8)	6,600	6,600	Min.Bm. Ang./Cap.

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

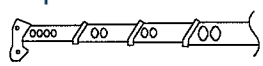
Rated Lifting Capacities In Pounds



Full Outriggers



15,100 # CTWT



Main Boom "B"

Load Radius (ft)	35.5 ft			40 ft			50 ft			Load Radius (ft)
	∠°	360°	Over Rear	∠°	360°	Over Rear	∠°	360°	Over Rear	
7	73.5	120,000	120,000							7
10	68.0	100,000	100,000	70.5	37,900	37,900	74.5	37,900	37,900	10
12	64.5	76,000	76,000	67.5	37,900	37,900	72.5	37,900	37,900	12
15	58.5	65,800	65,800	62.5	37,900	37,900	69.0	37,900	37,900	15
20	48.0	53,400	53,400	54.0	37,900	37,900	62.5	37,900	37,900	20
25	34.5	41,900	41,900	44.0	37,900	37,900	55.5	37,900	37,900	25
30				31.0	32,900	33,900	48.0	33,600	34,500	30
35							39.0	25,400	28,500	35
40							27.5	19,900	24,000	40
Min.Bm. Ang./ Cap.	0.0 (30.0)	17,800	17,800	0.0 (34.5)	14,700	14,700	0.0 (44.5)	10,000	10,000	Min.Bm. Ang./ Cap.

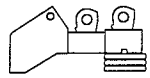
Load Radius (ft)	60 ft			70 ft			80 ft			Load Radius (ft)
	∠°	360°	Over Rear	∠°	360°	Over Rear	∠°	360°	Over Rear	
10	77.5	37,900	37,900							10
12	76.0	37,900	37,900	78.0*	37,900	37,900				12
15	73.0	37,900	37,900	76.0	37,900	37,900	78.0*	35,400	35,400	15
20	68.0	37,900	37,900	72.0	37,900	37,900	74.5	34,700	34,700	20
25	62.5	37,900	37,900	67.5	37,900	37,900	71.0	34,300	34,300	25
30	56.5	33,900	34,500	62.5	32,900	32,900	67.0	30,400	30,400	30
35	50.5	25,800	28,900	57.5	25,900	29,000	63.0	26,100	27,300	35
40	43.5	20,400	24,300	52.5	20,600	24,600	58.5	20,700	24,500	40
45	35.5	16,500	20,800	46.5	16,700	21,100	54.0	16,800	21,200	45
50	25.0	13,500	17,400	40.5	13,800	17,700	49.0	13,900	17,800	50
55				33.0	11,500	15,000	44.0	11,700	15,200	55
60				23.5	9,700	12,800	38.0	9,900	13,000	60
65							31.0	8,400	11,300	65
70							22.0	7,100	9,800	70
Min.Bm. Ang./ Cap.	0.0 (54.5)	7,100	7,100	0.0 (64.5)	5,000	5,000	0.0 (74.5)	3,600	3,600	Min.Bm. Ang./ Cap.

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

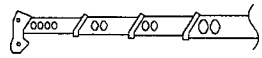
*** This Capacity Based On Maximum Obtainable Boom Angle.**

Rated Lifting Capacities In Pounds

Full Outriggers



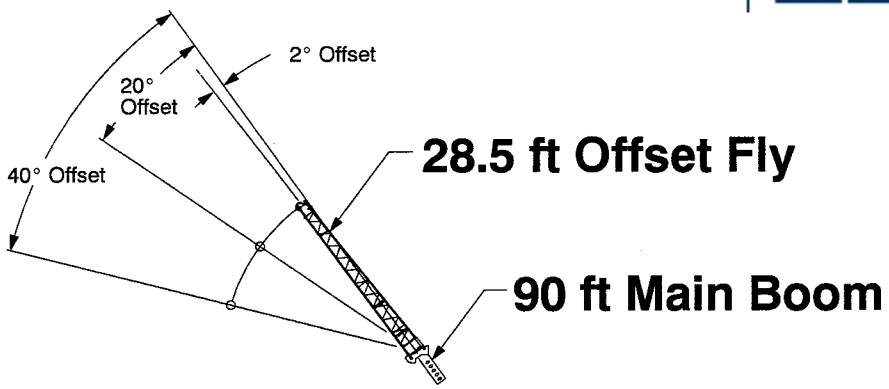
15,100 # CTWT



Main Boom "B"

Load Radius (ft)	90 ft			100 ft			110 ft			Load Radius (ft)
	∠°	360°	Over Rear	∠°	360°	Over Rear	∠°	360°	Over Rear	
20	77.0	28,900	28,900							20
25	74.0	28,300	28,300	76.0	24,000	24,000	77.5	19,500	19,500	25
30	70.5	24,900	24,900	73.0	22,600	22,600	75.0	19,500	19,500	30
35	67.0	22,100	22,100	70.0	20,100	20,100	72.5	18,500	18,500	35
40	63.5	19,800	19,800	67.0	18,000	18,000	70.0	16,500	16,500	40
45	59.5	16,900	17,900	63.5	16,200	16,200	67.0	14,700	14,700	45
50	55.5	14,000	16,200	60.0	14,100	14,500	64.0	13,300	13,300	50
55	51.0	11,800	14,700	56.5	11,800	13,200	61.0	11,900	12,100	55
60	46.5	10,000	13,100	52.5	10,100	12,100	57.5	10,200	11,100	60
65	41.5	8,600	11,400	48.5	8,600	11,200	54.0	8,700	10,100	65
70	36.0	7,300	9,900	44.5	7,400	10,000	50.5	7,500	9,200	70
75	29.5	6,200	8,700	39.5	6,300	8,800	46.5	6,400	8,400	75
80	21.0	5,300	7,600	34.5	5,400	7,700	42.5	5,500	7,600	80
85				28.5	4,600	6,800	38.0	4,700	6,900	85
90				20.5	4,000	6,000	33.0	4,000	6,000	90
95							27.5	3,400	5,300	95
100							20.0	2,900	4,700	100
Min.Bm. Ang./ Cap.	0.0 (84.5)	2,500	2,500	0.0 (94.5)	1,600	1,600	0.0 (104.5)	900	900	Min.Bm. Ang./ Cap.

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

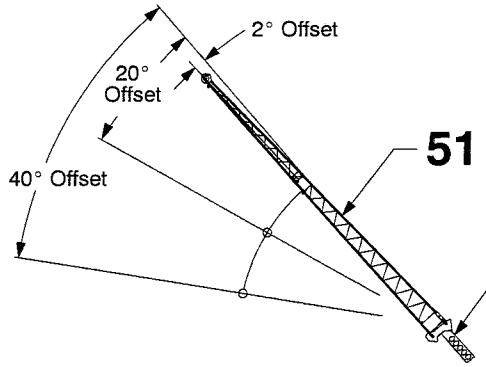


Rated Lifting Capacities In Pounds

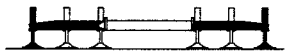
Full Outriggers

15,100 # CTWT

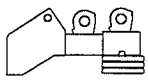
Load Radius (ft)	2° Offset		20° Offset		40° Offset		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	360°	
30	77.0	16,900					30
35	74.5	14,200					35
40	72.0	13,500	75.5	10,600			40
45	69.5	12,800	73.0	10,100	76.5	7,900	45
50	67.0	12,100	70.5	9,700	73.5	7,700	50
55	64.5	11,500	68.0	9,200	71.0	7,400	55
60	61.5	10,700	65.0	8,800	68.0	7,200	60
65	58.5	9,500	62.0	8,400	65.0	7,000	65
70	55.0	8,300	59.0	8,000	62.0	6,900	70
75	51.5	7,200	56.0	7,600	58.5	6,800	75
80	48.0	6,300	52.0	6,700	55.0	6,700	80
85	44.5	5,500	48.5	5,800	51.0	6,000	85
90	40.5	4,800	44.0	5,100	46.0	5,200	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	3,100	28.0	3,300			105
110	16.5	2,700					110
Min.Bm. Ang./Cap.	0.0	800	0.0	900	0.0	900	Min.Bm. Ang./Cap.



Rated Lifting Capacities In Pounds



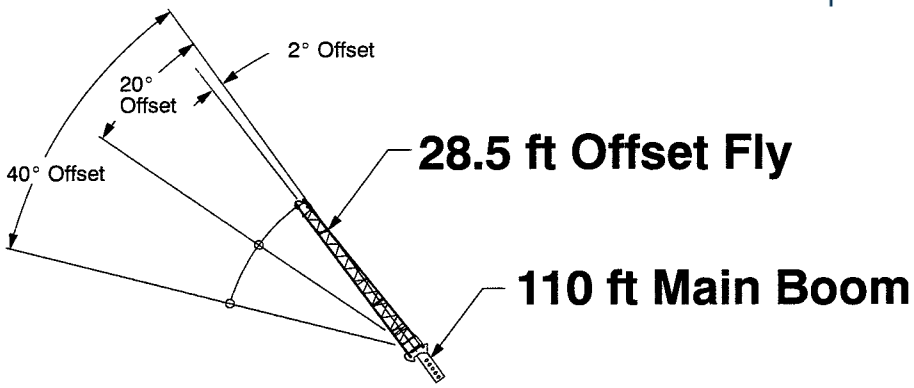
Full Outriggers



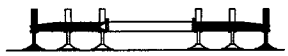
15,100 # CTWT

Load Radius (ft)	2° Offset		20° Offset		40° Offset		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	360°	
35	78.0*	9,200					35
40	76.0	8,600					40
45	74.0	8,100					45
50	72.0	7,600	78.0*	5,500			50
55	70.0	7,000	75.5	5,200			55
60	67.5	6,600	73.5	4,900			60
65	65.5	6,100	71.0	4,700	77.0	3,700	65
70	63.0	5,800	69.0	4,400	74.5	3,600	70
75	61.0	5,400	66.5	4,200	72.0	3,500	75
80	58.5	5,100	64.0	4,100	69.5	3,400	80
85	56.0	4,800	61.5	3,900	66.5	3,300	85
90	53.0	4,600	59.0	3,800	63.5	3,200	90
95	50.5	4,300	56.0	3,600	60.5	3,200	95
100	47.5	4,100	53.0	3,500	57.5	3,100	100
105	44.5	3,700	50.0	3,400	54.0	3,100	105
110	41.0	3,300	46.5	3,300	50.0	3,100	110
115	37.0	2,900	43.0	3,200	45.5	3,100	115
120	33.0	2,500	38.5	2,800	40.0	2,800	120
125	28.0	2,200	33.0	2,400			125
130	22.0	1,900	26.0	2,000			130
135	11.0	1,300					135
Min.Bm. Ang./Cap.	0.0	100	0.0	200	0.0	300	Min.Bm. Ang./Cap.

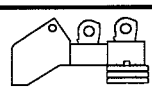
*** This Capacity Based On Maximum Obtainable Boom Angle.**



Rated Lifting Capacities In Pounds



Full Outriggers



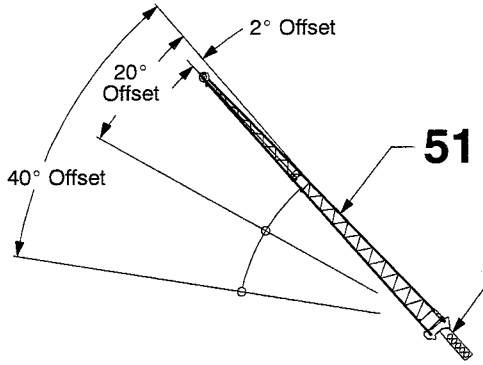
15,100 # CTWT

Load Radius (ft)	2° Offset		20° Offset		40° Offset		Load Radius (ft)
	∠ °	360°	∠ °	360°	∠ °	360°	
35	77.0	9,400					35
40	75.5	9,400					40
45	73.5	9,400	77.0	9,600			45
50	71.5	9,400	75.0	9,200	78.0*	7,600	50
55	69.5	9,300	73.0	8,600	75.5	7,400	55
60	67.5	8,600	70.5	8,000	73.5	7,200	60
65	65.0	8,000	68.5	7,400	71.0	7,000	65
70	62.5	7,500	66.0	7,000	68.5	6,600	70
75	60.0	7,000	63.5	6,500	66.0	6,200	75
80	57.5	6,100	61.0	6,200	63.5	5,900	80
85	54.5	5,300	58.0	5,700	60.5	5,600	85
90	51.5	4,600	55.0	5,000	57.5	5,200	90
95	48.5	4,000	52.0	4,300	54.0	4,500	95
100	45.0	3,500	48.5	3,700	50.5	3,900	100
105	42.0	3,000	45.0	3,200	46.5	3,400	105
110	38.0	2,500	41.0	2,700	42.5	2,800	110
115	34.0	2,200	37.0	2,300			115
120	29.5	1,800	32.0	1,900			120
125	24.0	1,500	26.0	1,500			125
130	16.0	1,200					130

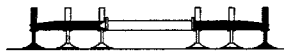
⚠ WARNING

Do Not Lower 28.5 ft Offset Fly In Working Position Below 11.5° Main Boom Angle Unless Main Boom Length Is 109 ft Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

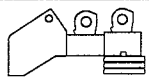
***This Capacity Based On Maximum Obtainable Boom Angle.**



Rated Lifting Capacities In Pounds



Full Outriggers



15,100 # CTWT

Load Radius (ft)	2° Offset		20° Offset		40° Offset		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	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	4,900			60
65	70.5	6,100	75.5	4,700			65
70	68.5	5,800	73.5	4,500			70
75	66.5	5,400	71.5	4,300	76.5	3,500	75
80	64.5	5,000	70.0	4,200	74.5	3,400	80
85	62.5	4,700	68.0	4,000	72.5	3,300	85
90	60.5	4,400	65.5	3,900	70.0	3,300	90
95	58.5	4,100	63.5	3,700	68.0	3,200	95
100	56.0	3,900	61.5	3,600	65.5	3,200	100
105	53.5	3,400	59.0	3,400	63.0	3,100	105
110	51.0	3,000	56.5	3,300	60.5	3,100	110
115	48.0	2,600	54.0	3,000	57.5	3,000	115
120	45.5	2,200	50.5	2,600	54.5	2,800	120
125	42.5	1,900	47.5	2,200	51.0	2,400	125
130	39.0	1,600	44.0	1,900	47.0	2,000	130
135	35.5	1,300	40.5	1,600	42.5	1,700	135
140			36.5	1,300			140

⚠ WARNING

Do Not Lower 51 ft Offset Fly In Working Position Below 34.0° Main Boom Angle Unless Main Boom Length Is 98 ft Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.