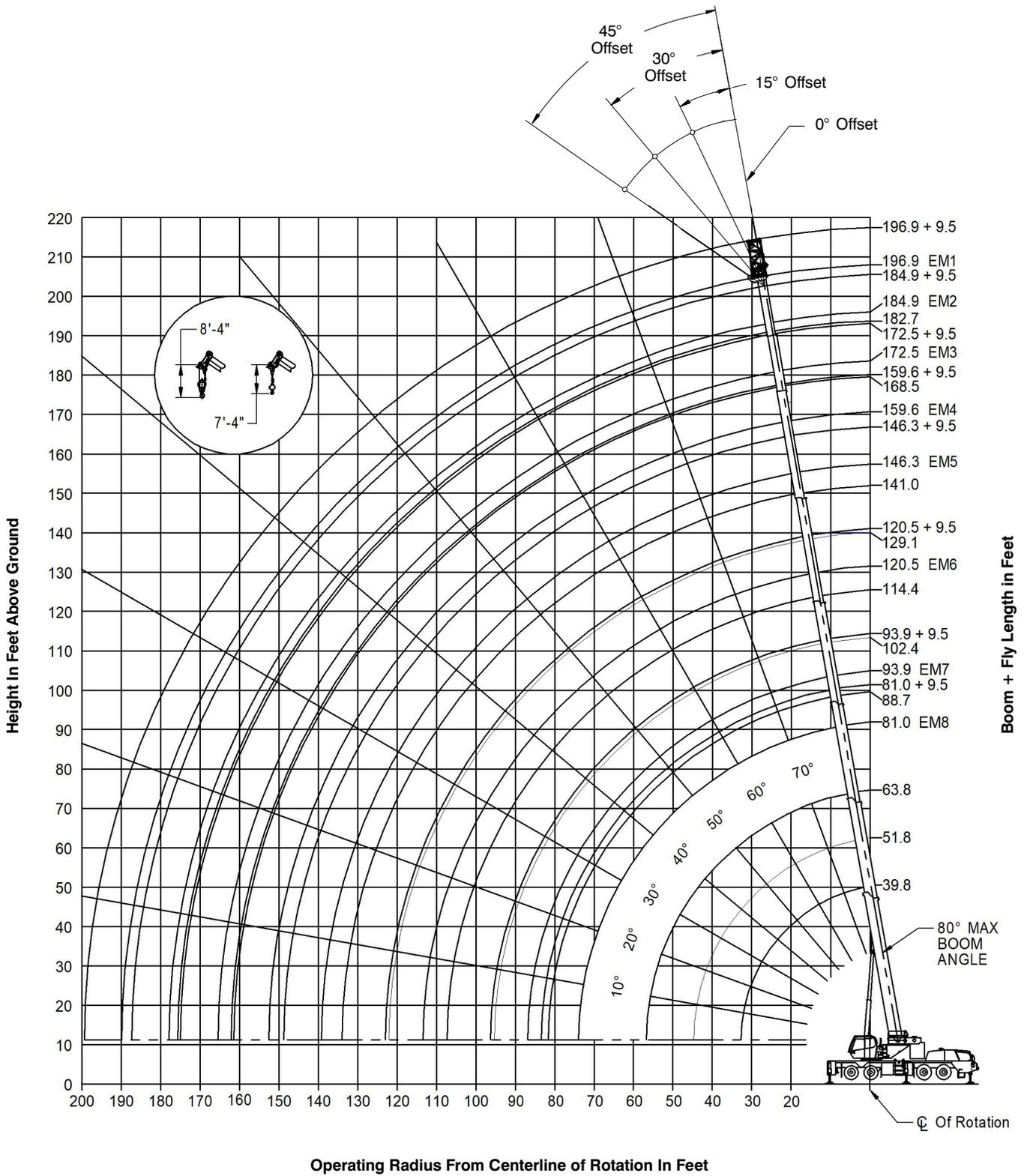
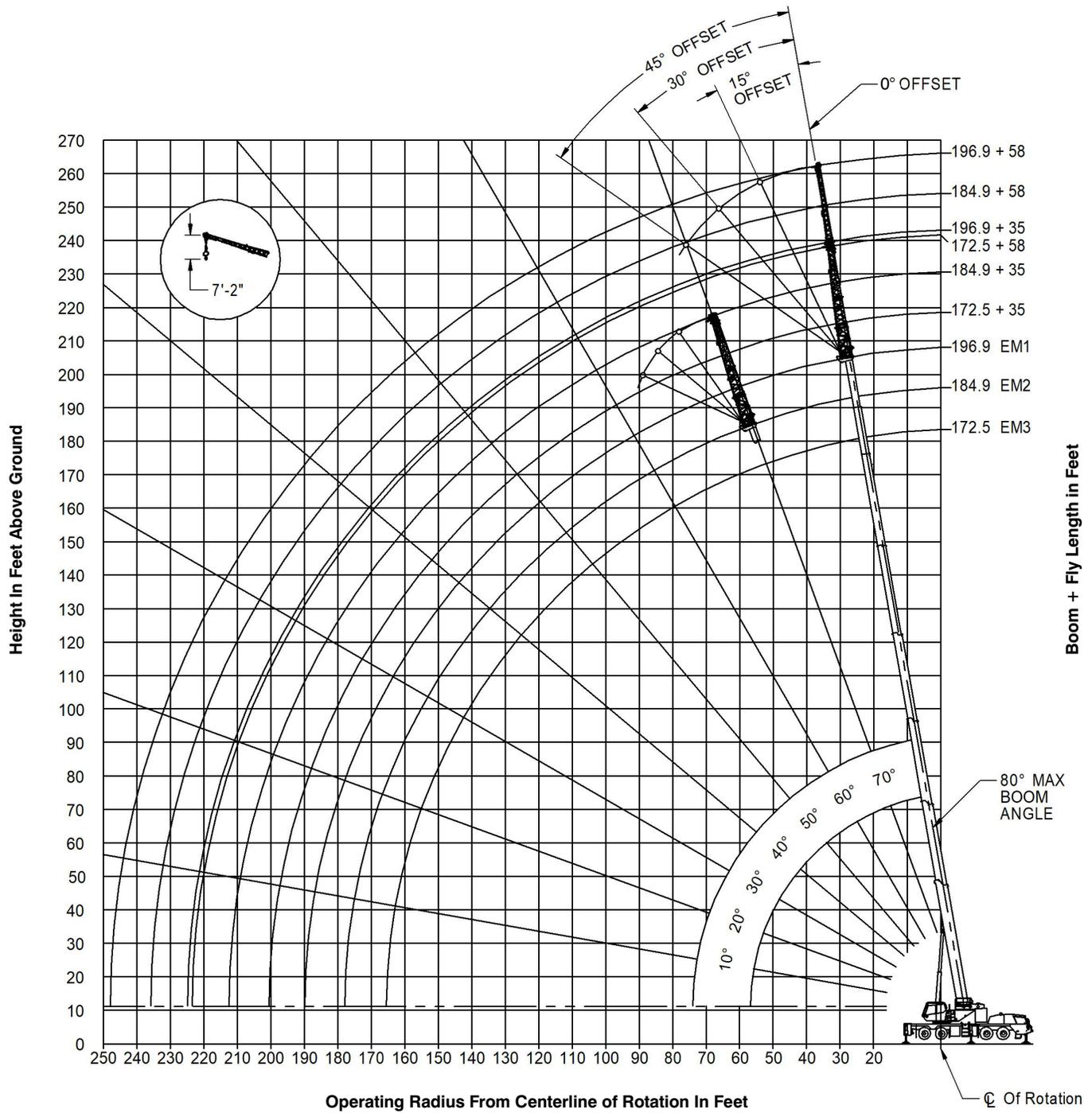


Working Range Diagram

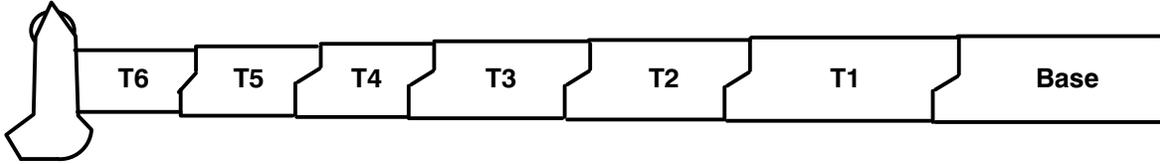
Main Boom + 9.5' Fly



Working Range Diagram Main Boom + Attachments



Boom Extend Modes



EM 1	Boom Length		Telescope Length					
	ft	m	T6	T5	T4	T3	T2	T1
	39.8	12.13						
63.8	19.44	100%						
88.7	27.03	100%	100%					
114.4	34.88	100%	100%	100%				
141.1	42.99	100%	100%	100%	100%			
168.5	51.37	100%	100%	100%	100%	100%		
182.7	55.69	100%	100%	100%	100%	100%	50%	
196.9	60.01	100%	100%	100%	100%	100%	100%	100%

EM 2	Boom Length		Telescope Length						
	ft	m	T6	T5	T4	T3	T2	T1	
	39.8	12.13							
51.8	15.79	50%							
76.7	23.37	50%	100%						
102.4	31.22	50%	100%	100%					
129.1	39.34	50%	100%	100%	100%				
156.5	47.72	50%	100%	100%	100%	100%			
170.7	52.04	50%	100%	100%	100%	100%	50%		
184.9	56.36	50%	100%	100%	100%	100%	100%	100%	

EM 3	Boom Length		Telescope Length					
	ft	m	T6	T5	T4	T3	T2	T1
	39.8	12.13						
51.8	15.79	50%						
64.2	19.58	50%	50%					
90.0	27.43	50%	50%	100%				
116.6	35.54	50%	50%	100%	100%			
144.1	43.92	50%	50%	100%	100%	100%		
158.3	48.24	50%	50%	100%	100%	100%	50%	
172.5	52.56	50%	50%	100%	100%	100%	100%	

EM 4	Boom Length		Telescope Length						
	ft	m	T6	T5	T4	T3	T2	T1	
	39.8	12.13							
51.8	15.79	50%							
64.2	19.58	50%	50%						
77.1	23.51	50%	50%	50%					
103.7	31.62	50%	50%	50%	100%				
131.2	40.00	50%	50%	50%	100%	100%			
145.4	44.32	50%	50%	50%	100%	100%	50%		
159.6	48.64	50%	50%	50%	100%	100%	100%		

EM 5	Boom Length		Telescope Length					
	ft	m	T6	T5	T4	T3	T2	T1
	39.8	12.13						
51.8	15.79	50%						
64.2	19.58	50%	50%					
77.1	23.51	50%	50%	50%				
90.4	27.56	50%	50%	50%	50%			
104.2	31.75	50%	50%	50%	50%	50%		
117.9	35.94	50%	50%	50%	50%	100%		
132.1	40.26	50%	50%	50%	50%	100%	50%	
146.3	44.58	50%	50%	50%	50%	100%	100%	

EM 6	Boom Length		Telescope Length						
	ft	m	T6	T5	T4	T3	T2	T1	
	39.8	12.13							
52.3	15.93		50%						
65.1	19.85		50%	50%					
78.4	23.91		50%	50%	50%				
92.2	28.10		50%	50%	50%	50%			
106.4	32.42		50%	50%	50%	50%	50%		
120.5	36.74		50%	50%	50%	50%	100%		

EM 7	Boom Length		Telescope Length					
	ft	m	T6	T5	T4	T3	T2	T1
	39.8	12.13						
52.7	16.06			50%				
66.0	20.12			50%	50%			
79.7	24.30			50%	50%	50%		
93.9	28.62			50%	50%	50%	50%	

EM 8	Boom Length		Telescope Length						
	ft	m	T6	T5	T4	T3	T2	T1	
	39.8	12.13							
53.1	16.19				50%				
66.9	20.38				50%	50%			
81.0	24.70				50%	50%	50%		

Main Boom Lift Capacity Charts

16,000 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)														
Radius (ft)	Boom Length (ft)													Radius (ft)
	39.81	51.80-53.12	63.78-66.9	76.69-81.03	88.67-93.9	102.44-106.36	114.43-120.52	129.06-132.09	141.05-146.25	156.55-159.56	168.53-172.44	182.71-184.89	196.87	
10	166,000	165,100	161,200											10
12	142,700	142,900	140,400	133,700										12
15	113,700	115,900	114,200	111,800	92,500									15
20	82,900	85,900	85,800	86,100	83,300	65,300	44,700							20
25	63,600	66,900	68,000	67,900	67,400	65,300	51,300	37,700	20,300					25
30	47,000	51,800	54,800	55,600	55,500	54,600	50,500	37,700	31,000	24,900	12,600			30
35		39,600	42,000	42,800	42,700	41,900	41,300	37,700	31,000	24,900	20,000	12,700		35
40		30,900	33,300	34,200	34,100	34,000	32,700	32,800	30,900	24,900	20,000	12,700	10,500	40
45		24,100	27,100	28,000	28,000	27,900	28,300	26,800	26,300	24,900	20,000	12,700	10,500	45
50			22,300	23,300	23,900	23,300	23,600	23,200	22,500	21,700	20,000	12,700	10,500	50
55			18,600	19,700	20,200	19,600	20,000	20,600	19,800	19,500	17,400	12,700	10,500	55
60				17,100	17,200	17,600	17,100	17,600	16,500	16,600	14,700	12,700	10,500	60
65				14,700	15,100	15,700	15,100	15,400	15,900	14,400	13,500	12,700	10,500	65
70				12,200	13,900	13,600	14,100	13,300	14,000	12,300	12,600	11,500	10,500	70
75					12,100	11,900	12,700	11,600	12,200	10,600	11,200	10,400	9,700	75
80					10,600	10,400	11,200	10,100	10,700	9,100	9,700	8,900	8,200	80
85					5,900	9,000	9,900	8,800	9,400	7,800	8,400	7,600	7,000	85
90						7,900	8,700	7,700	8,300	6,700	7,300	6,500	5,900	90
95						6,900	7,700	6,700	7,300	5,700	6,300	5,600	4,900	95
100							6,800	5,800	6,400	4,900	5,400	4,700	4,100	100
105							6,000	5,000	5,600	4,100	4,700	3,900	3,300	105
110							2,400	4,300	4,900	3,400	4,000	3,200	2,600	110
115								3,600	4,300	2,800	3,300	2,600	2,000	115
120								3,000	3,700	2,200	2,800	2,000	1,400	120
125									3,100	1,700	2,200	1,500		125
130									2,700	1,200	1,800			130
135											1,300			135

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

36,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)														
Radius (ft)	Boom Length (ft)												Radius (ft)	
	39.81	51.80-53.12	63.78-66.9	76.69-81.03	88.67-93.9	102.44-106.36	114.43-120.52	129.06-132.09	141.05-146.25	156.55-159.56	168.53-172.44	182.71-184.89		196.87
10	166,000	166,900	162,400											10
12	148,200	151,800	149,600	134,200										12
15	127,600	128,600	127,200	124,300	92,500									15
20	93,700	96,500	95,700	94,300	92,000	65,300	44,700							20
25	72,400	75,600	75,300	76,400	75,200	65,300	51,300	37,700	20,300					25
30	57,800	61,200	62,500	62,500	61,700	60,200	51,300	37,700	31,000	24,900	12,600			30
35		50,700	52,000	52,200	53,400	52,600	48,400	37,700	31,000	24,900	20,000	12,700		35
40		42,700	45,100	45,800	45,700	45,000	41,800	37,700	31,000	24,900	20,000	12,700	10,500	40
45		34,900	37,800	38,800	38,700	37,900	37,200	36,300	31,000	24,900	20,000	12,700	10,500	45
50			31,800	32,700	32,700	32,000	31,600	30,700	29,800	24,900	20,000	12,700	10,500	50
55			27,000	28,000	28,100	27,500	26,900	27,000	26,100	24,900	20,000	12,700	10,500	55
60				24,200	24,300	24,300	23,200	23,300	23,600	22,800	20,000	12,700	10,500	60
65				21,100	21,200	21,200	21,000	20,200	20,600	20,300	19,100	12,700	10,500	65
70				18,500	18,600	18,600	19,000	17,900	18,000	18,500	16,500	12,700	10,500	70
75					16,700	16,400	16,800	16,600	15,900	16,400	14,600	12,700	10,500	75
80					15,000	14,600	15,100	15,700	14,600	14,700	13,900	12,700	10,500	80
85					11,200	13,000	13,400	14,000	13,900	13,100	12,600	11,700	10,500	85
90						12,000	12,000	12,600	13,200	11,700	12,200	11,500	10,500	90
95						11,300	10,700	11,300	11,900	10,400	11,000	10,300	9,600	95
100							9,900	10,200	10,800	9,300	9,900	9,200	8,500	100
105							9,400	9,100	9,800	8,300	8,900	8,200	7,500	105
110							6,400	8,200	8,900	7,400	8,000	7,300	6,700	110
115								7,400	8,000	6,600	7,200	6,500	5,900	115
120								6,700	7,300	5,900	6,400	5,700	5,100	120
125									6,600	5,200	5,700	5,100	4,500	125
130									6,000	4,600	5,100	4,400	3,900	130
135									3,500	4,000	4,500	3,900	3,300	135
140										3,500	4,000	3,300	2,800	140
145										3,000	3,500	2,900	2,200	145
150											3,100	2,400	1,700	150
155											2,700	1,900	1,300	155
160											2,300	1,500		160
165												1,100		165

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

49,100 lb Counterweight – Fully Extended Outriggers – 360° Rotation														
(All Capacities Are Listed In Pounds)														
Radius (ft)	Boom Length (ft)													Radius (ft)
	39.81	51.80-53.12	63.78-66.9	76.69-81.03	88.67-93.9	102.44-106.36	114.43-120.52	129.06-132.09	141.05-146.25	156.55-159.56	168.53-172.44	182.71-184.	196.87	
7	240,000													7
8	205,000													8
9	180,000													9
10	166,000	167,700	162,800											10
12	148,200	152,900	150,100	134,200										12
15	127,700	133,800	132,600	128,700	92,500									15
20	100,300	102,300	102,000	100,400	92,500	65,300	44,700							20
25	77,800	80,900	80,500	81,300	80,200	65,300	51,300	37,700	20,300					25
30	62,300	65,700	66,900	66,800	65,900	64,400	51,300	37,700	31,000	24,900	12,600			30
35		54,600	55,900	56,100	56,100	56,300	48,400	37,700	31,000	24,900	20,000	12,700		35
40		46,100	47,600	47,800	49,000	48,200	43,800	37,700	31,000	24,900	20,000	12,700	10,500	40
45		38,800	41,900	42,700	42,600	41,900	38,800	37,700	31,000	24,900	20,000	12,700	10,500	45
50			36,600	37,400	37,300	36,700	34,200	35,100	31,000	24,900	20,000	12,700	10,500	50
55			32,200	33,000	33,000	32,400	31,600	31,000	29,900	24,900	20,000	12,700	10,500	55
60				28,800	28,900	28,400	27,900	26,900	27,100	24,900	20,000	12,700	10,500	60
65				25,300	25,400	24,900	24,400	24,500	23,600	23,000	20,000	12,700	10,500	65
70				21,000	22,500	22,300	21,500	21,600	21,100	21,100	20,000	12,700	10,500	70
75					20,000	20,000	19,100	19,100	19,500	18,700	18,000	12,700	10,500	75
80					17,800	17,900	17,200	17,000	17,400	16,700	15,900	12,700	10,500	80
85					13,400	16,000	16,200	15,300	15,700	16,000	14,300	12,700	10,500	85
90						14,500	14,900	13,900	14,100	14,600	13,900	12,700	10,500	90
95						13,000	13,500	13,200	12,700	13,200	12,600	11,800	10,500	95
100							12,200	12,500	12,000	11,900	12,500	11,500	10,500	100
105							11,000	11,600	11,400	10,800	11,400	10,600	10,000	105
110							8,700	10,600	10,800	9,800	10,300	9,600	9,000	110
115								9,600	10,300	8,800	9,400	8,700	8,100	115
120								8,800	9,400	8,000	8,500	7,900	7,300	120
125									8,600	7,200	7,800	7,100	6,500	125
130									7,900	6,500	7,100	6,400	5,800	130
135									5,400	5,900	6,400	5,700	5,200	135
140										5,300	5,800	5,100	4,600	140
145										4,700	5,300	4,600	4,000	145
150											4,700	4,100	2,900	150
155											4,300	3,600	2,400	155
160											3,800	3,100	2,000	160
165												2,600	2,000	165
170												2,200	1,500	170
175													1,100	175

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

Main Boom + Offset Fly Lift Capacity Charts

16,000 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)														
Radius (ft)	Main Boom + 9.5 ft Manual Offset Fly (0°, 15°, 30°, 45° Offset)													Radius (ft)
	Boom Length (ft)													
	39.81	51.80- 53.1	63.78- 66.9	76.69- 81.0	88.67- 93.9	102.44- 106	114.43- 120	129.06- 132	141.05- 146	156.55- 159	168.53- 172	182.71- 184	196.87	
10	43,500	44,500	45,200											10
12	42,500	43,700	44,400	44,800										12
15	41,100	42,500	43,400	43,900	44,000									15
20	38,000	40,500	41,900	42,600	42,800	42,700	34,900							20
25	35,600	38,100	40,000	41,300	41,700	41,600	41,200	29,600	12,800					25
30	34,700	36,200	38,100	39,600	40,400	40,400	40,400	29,600	25,500	14,800				30
35	34,000	34,700	36,600	37,900	38,600	38,800	37,600	29,600	25,500	21,000	13,200	9,800		35
40	30,100	32,000	32,700	32,600	33,700	32,800	32,100	29,600	25,500	21,000	13,200	10,900	9,000	40
45		26,000	27,600	28,000	27,700	27,400	26,100	26,100	24,100	21,000	13,200	10,900	9,000	45
50		21,900	23,000	23,300	23,000	22,800	23,000	21,500	21,600	19,700	13,200	10,900	9,000	50
55		17,400	19,400	19,700	19,400	19,200	19,400	19,100	18,200	16,200	13,200	10,900	9,000	55
60			16,500	16,800	17,000	16,300	16,500	16,900	15,500	14,600	13,200	10,900	9,000	60
65			14,200	14,600	14,700	14,600	14,300	14,700	13,100	13,100	12,000	10,900	9,000	65
70				12,900	12,700	13,200	12,600	12,700	12,800	11,500	10,700	10,000	9,000	70
75				11,200	11,300	11,500	11,700	10,900	11,500	9,800	10,300	9,500	8,800	75
80				8,100	10,500	10,000	10,600	9,400	10,000	8,300	8,900	8,100	7,400	80
85					9,200	8,700	9,300	8,200	8,700	7,100	7,600	6,800	6,100	85
90					8,100	7,600	8,200	7,100	7,600	6,000	6,500	5,700	5,000	90
95					2,100	6,600	7,200	6,100	6,600	5,000	5,500	4,700	4,000	95
100						5,800	6,300	5,200	5,700	4,100	4,600	3,900	3,200	100
105						3,900	5,500	4,400	4,900	3,400	3,900	3,100	2,400	105
110							4,800	3,700	4,200	2,700	3,200	2,400	1,800	110
115							4,200	3,100	3,600	2,100	2,600	1,800	1,100	115
120								2,600	3,000	1,500	2,000	1,200		120
125								2,100	2,500		1,500			125
130								1,600	2,100		1,000			130
135									1,600					135
140									1,300					140

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

36,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation														
(All Capacities Are Listed In Pounds)														
Radius (ft)	Main Boom + 9.5 ft Manual Offset Fly (0°, 15°, 30°, 45° Offset)													Radius (ft)
	Boom Length (ft)													
	39.81	51.80- 53.1	63.78- 66.9	76.69- 81.0	88.67- 93.9	102.44- 106	114.43- 120	129.06- 132	141.05- 146	156.55- 159	168.53- 172	182.71- 184	196.87	
10	43,500	44,500	45,200											10
12	42,500	43,700	44,400	44,800										12
15	41,100	42,500	43,400	43,900	44,000									15
20	38,000	40,500	41,900	42,600	42,800	42,700	34,900							20
25	35,600	38,100	40,000	41,300	41,700	41,600	41,200	29,600	12,800					25
30	34,700	36,200	38,100	39,600	40,400	40,400	40,400	29,600	25,500	14,800				30
35	34,000	34,700	36,600	38,100	39,000	39,200	39,400	29,600	25,500	21,000	13,200	9,800		35
40	34,000	34,600	35,200	36,700	37,700	38,100	38,400	29,600	25,500	21,000	13,200	10,900	9,000	40
45		33,900	34,700	35,400	36,200	35,100	34,600	26,200	25,500	21,000	13,200	10,900	9,000	45
50		30,900	31,500	31,400	30,600	31,700	31,000	29,600	25,500	21,000	13,200	10,900	9,000	50
55		25,800	26,900	27,200	27,800	27,000	26,400	26,300	24,500	21,000	13,200	10,900	9,000	55
60			24,100	24,400	24,100	23,300	22,700	22,600	21,700	20,900	13,200	10,900	9,000	60
65			21,100	21,300	21,000	20,800	19,700	19,600	19,800	17,900	13,200	10,900	9,000	65
70				18,800	18,500	18,300	17,900	17,100	17,300	15,600	13,200	10,900	9,000	70
75				16,700	16,400	16,100	16,300	15,100	15,300	14,500	13,200	10,900	9,000	75
80				13,600	14,600	14,400	14,600	13,900	13,500	13,100	12,000	10,900	9,000	80
85					13,000	12,800	13,000	13,200	12,100	12,300	11,500	10,900	9,000	85
90					12,100	11,400	11,600	12,000	11,400	10,900	10,600	9,800	9,000	90
95					6,900	10,200	10,300	10,700	10,800	9,700	10,200	9,400	8,700	95
100						9,200	9,200	9,600	10,100	8,600	9,100	8,300	7,700	100
105						8,100	8,300	8,600	9,100	7,600	8,100	7,300	6,700	105
110							7,500	7,800	8,200	6,700	7,200	6,500	5,800	110
115							7,100	7,000	7,400	5,900	6,400	5,700	5,000	115
120							4,700	6,200	6,700	5,200	5,700	4,900	4,300	120
125								5,600	6,000	4,500	5,000	4,300	3,600	125
130								5,000	5,400	3,900	4,400	3,700	3,000	130
135									4,900	3,400	3,800	3,100	2,500	135
140									4,400	2,900	3,300	2,600	1,900	140
145										2,400	2,900	2,100	1,400	145
150										1,900	2,400	1,600		150
155											2,000	1,100		155
160											1,600			160
165											1,200			165

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

49,100 lb Counterweight – Fully Extended Outriggers – 360° Rotation														
(All Capacities Are Listed In Pounds)														
Radius (ft)	Main Boom + 9.5 ft Manual Offset Fly (0°, 15°, 30°, 45° Offset)													Radius (ft)
	Boom Length (ft)													
	39.81	51.80-53.1	63.78-66.9	76.69-81.0	88.67-93.9	102.44-106	114.43-120	129.06-132	141.05-146	156.55-159	168.53-172	182.71-184	196.87	
10	43,500	44,500	45,200											10
12	42,500	43,700	44,400	44,800										12
15	41,100	42,500	43,400	43,900	44,000									15
20	38,000	40,500	41,900	42,600	42,800	42,700	34,900							20
25	35,600	38,100	40,000	41,300	41,700	41,600	41,200	29,600	12,800					25
30	34,700	36,200	38,100	39,600	40,400	40,400	40,400	29,600	25,500	14,800				30
35	34,000	34,700	36,600	38,100	39,000	39,200	39,400	29,600	25,500	21,000	13,200	9,800		35
40	34,000	34,600	35,200	36,700	37,700	38,100	38,400	29,600	25,500	21,000	13,200	10,900	9,000	40
45		33,900	34,700	35,600	36,600	37,000	37,400	29,600	25,500	21,000	13,200	10,900	9,000	45
50		33,900	34,300	34,700	35,300	34,200	33,100	29,600	25,500	21,000	13,200	10,900	9,000	50
55		26,300	32,000	31,900	31,200	30,700	29,400	29,600	25,500	21,000	13,200	10,900	9,000	55
60			27,900	27,700	27,800	28,000	27,300	26,300	25,500	21,000	13,200	10,900	9,000	60
65			24,500	25,000	25,300	24,500	23,900	22,900	22,900	21,000	13,200	10,900	9,000	65
70				22,700	22,400	21,600	21,000	21,000	20,100	19,300	13,200	10,900	9,000	70
75				20,300	19,900	19,200	18,600	18,500	18,400	16,900	13,200	10,900	9,000	75
80				17,000	17,900	17,600	16,500	16,400	16,700	15,000	13,200	10,900	9,000	80
85					16,000	15,800	14,800	14,800	15,000	14,200	13,200	10,900	9,000	85
90					14,500	14,300	13,800	13,200	13,400	13,100	12,000	10,900	9,000	90
95					9,600	12,900	13,000	11,800	12,000	12,400	11,700	10,900	9,000	95
100						11,700	11,800	11,200	10,800	11,200	10,600	9,800	9,000	100
105						10,600	10,700	10,600	9,800	10,100	10,500	9,800	9,000	105
110							9,700	9,900	9,300	9,100	9,500	8,800	8,100	110
115							8,800	9,200	8,800	8,200	8,600	7,900	7,200	115
120							6,600	8,400	8,400	7,300	7,800	7,100	6,400	120
125								7,600	8,000	6,600	7,000	6,300	5,700	125
130								6,900	7,400	5,900	6,300	5,600	5,000	130
135									6,800	5,300	5,700	5,000	4,300	135
140									6,200	4,700	5,100	4,400	3,700	140
145										4,200	4,600	3,900	3,100	145
150										3,700	4,100	3,300	2,600	150
155											3,600	2,800	2,100	155
160											3,200	2,300	1,600	160
165											2,700	1,900	1,200	165
170												1,500		170
175												1,100		175

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16,000 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)					
196.87 ft Main Boom Length					
Radius (ft)	35 ft Manual Offset Fly				Radius (ft)
	0°	15°	30°	45°	
50	5,800				50
55	5,800				55
60	5,800	6,000			60
65	5,800	6,000			65
70	5,800	6,000	6,600		70
75	5,800	6,000	6,600		75
80	5,800	6,000	6,600	7,100	80
85	5,800	6,000	6,600	7,100	85
90	5,500	6,000	6,600	7,100	90
95	4,600	5,500	6,200	6,800	95
100	3,700	4,500	5,200	5,800	100
105	2,900	3,700	4,400	4,900	105
110	2,200	3,000	3,600	4,000	110
115	1,600	2,300	2,800	3,300	115
120		1,700	2,200	2,600	120
125		1,100	1,600	1,900	125
130			1,100	1,400	130
135					135
140					140
145					145

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36,500 lb Counterweight — Fully Extended Outriggers — 360° Rotation (All Capacities Are Listed In Pounds)									
196.87 ft Main Boom Length									
Radius (ft)	35 ft Manual Offset Fly				58 ft Manual Offset Fly				Radius (ft)
	0°	15°	30°	45°	0°	15°	30°	45°	
50	5,800								50
55	5,800				4,000				55
60	5,800	6,000			4,000				60
65	5,800	6,000			4,000				65
70	5,800	6,000	6,600		4,000				70
75	5,800	6,000	6,600		4,000	4,200			75
80	5,800	6,000	6,600	7,100	4,000	4,200			80
85	5,800	6,000	6,600	7,100	4,000	4,200			85
90	5,800	6,000	6,600	7,100	4,000	4,200	4,800		90
95	5,800	6,000	6,600	7,100	4,000	4,200	4,800		95
100	5,800	6,000	6,600	7,100	4,000	4,200	4,800	5,000	100
105	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,900	105
110	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,900	110
115	5,500	6,000	6,600	7,100	4,000	4,200	4,800	4,800	115
120	4,700	5,300	5,900	6,200	4,000	4,200	4,800	4,800	120
125	4,100	4,600	5,100	5,400	4,000	4,200	4,800	4,800	125
130	3,400	4,000	4,400	4,700	4,000	4,200	4,800	4,700	130
135	2,900	3,400	3,800	4,100	3,400	4,200	4,800	4,700	135
140	2,300	2,800	3,200	3,500	2,900	3,700	4,400	4,700	140
145	1,800	2,300	2,700	2,900	2,400	3,200	3,800	4,300	145
150	1,300	1,800	2,200	2,400	1,900	2,700	3,300	3,700	150
155		1,300	1,600	1,800	1,400	2,200	2,800	3,200	155
160			1,100	1,300	1,000	1,700	2,300	2,700	160
165						1,300	1,800	2,200	165
170							1,400	1,700	170
175							900	1,200	175

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49,100 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
196.87 ft Main Boom Length									
Radius (ft)	35 ft Manual Offset Fly				58 ft Manual Offset Fly				Radius (ft)
	0°	15°	30°	45°	0°	15°	30°	45°	
50	5,800								50
55	5,800				4,000				55
60	5,800	6,000			4,000				60
65	5,800	6,000			4,000				65
70	5,800	6,000	6,600		4,000				70
75	5,800	6,000	6,600		4,000	4,200			75
80	5,800	6,000	6,600	7,100	4,000	4,200			80
85	5,800	6,000	6,600	7,100	4,000	4,200			85
90	5,800	6,000	6,600	7,100	4,000	4,200	4,800		90
95	5,800	6,000	6,600	7,100	4,000	4,200	4,800		95
100	5,800	6,000	6,600	7,100	4,000	4,200	4,800	5,000	100
105	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,900	105
110	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,900	110
115	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,800	115
120	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,800	120
125	5,800	6,000	6,600	7,100	4,000	4,200	4,800	4,800	125
130	5,400	5,900	6,400	6,700	4,000	4,200	4,800	4,700	130
135	4,800	5,300	5,700	6,000	4,000	4,200	4,800	4,700	135
140	4,200	4,600	5,000	5,300	4,000	4,200	4,800	4,700	140
145	3,600	4,100	4,400	4,600	4,000	4,200	4,800	4,600	145
150	3,000	3,500	3,900	4,100	3,600	4,200	4,800	4,600	150
155	2,500	3,000	3,300	3,500	3,100	3,800	4,400	4,600	155
160	2,000	2,400	2,800	2,900	2,600	3,300	3,900	4,200	160
165	1,600	2,000	2,200	2,400	2,100	2,800	3,400	3,700	165
170	1,100	1,500	1,800	1,900	1,700	2,400	2,900	3,200	170
175		1,100	1,300	1,400	1,300	1,900	2,400	2,700	175
180			900	1,000	900	1,500	1,900	2,200	180
185						1,100	1,500	1,700	185
190							1,100	1,300	190
195								900	195

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