

39,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation

(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)											Radius (ft)	
	38	50	60	70	76.5/80	90	100	110	120	130	140		
7	200,000***												7
8	180,000*												8
9	167,600*												9
10	158,800*	152,100*	117,900	89,700									10
12	143,600*	138,700*	108,800	85,000	85,100**								12
15	123,700	122,600	106,500	78,800	78,400**	57,700							15
20	91,300	93,500	93,800	70,300	76,500**	56,200	49,100	42,500					20
25	71,000	73,300	73,800	63,600	73,300**	55,300	45,800	42,500	33,700	29,700			25
30	57,200	59,600	60,100	58,100	61,100	54,500	45,200	38,300	31,200	29,400	24,400		30
35		49,700	50,300	51,400	51,200	50,900	42,500	35,500	30,900	29,100	24,100		35
40		42,200	43,700	44,000	43,800	43,400	38,200	33,400	30,600	28,800	24,000		40
45			37,900	38,200	38,100	37,700	34,600	30,300	29,900	28,600	23,800		45
50			32,400	32,700	32,500	32,000	31,500	27,900	27,800	26,800	23,700		50
55				28,200	28,000	27,600	27,300	25,600	25,800	24,800	23,600		55
60				24,600	24,500	24,100	24,100	23,600	24,200	23,000	22,100		60
65					21,500	22,300	21,100	21,400	21,600	21,300	20,600		65
70					19,700	19,900	18,700	19,500	19,100	19,200	19,200		70
75						17,700	17,500	17,400	17,000	17,700	17,400		75
80						16,000	16,000	15,600	15,900	15,900	15,600		80
85							14,600	14,600	14,800	14,400	14,100		85
90							13,800	13,700	13,400	13,000	12,700		90
95								12,500	12,300	11,900	11,600		95
100								11,500	11,200	10,900	10,600		100
105									10,200	9,900	9,600		105
110									9,400	9,000	8,800		110
115										8,300	8,000		115
120										7,500	7,300		120
125											6,600		125
130											6,000		130

* Special Conditions Or Wire Rope Required

** 76.5 EM5 mode

*** Over Rear

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(All Capacities Are Listed In Pounds)

**140 ft Main Boom Length
2° Fly Offset**

**140 ft Main Boom Length
15° Fly Offset**

Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35	12,100				35				
40	12,100				40				
45	12,100	8,500			45	11,500			
50	12,100	8,400	6,600		50	11,400			
55	12,100	8,300	6,600	5,200	55	11,200			
60	12,100	8,100	6,600	5,200	60	11,000	7,200		
65	11,900	8,000	6,600	5,200	65	10,800	7,000	6,300	
70	11,700	7,800	6,600	5,200	70	10,600	6,800	6,000	4,800
75	11,500	7,700	6,600	5,100	75	10,400	6,700	5,700	4,500
80	11,300	7,500	6,400	4,800	80	10,200	6,500	5,400	4,200
85	11,000	7,300	6,000	4,500	85	10,000	6,300	5,100	4,000
90	10,500	7,100	5,700	4,200	90	9,700	6,200	4,900	3,700
95	10,100	6,900	5,400	4,000	95	9,400	6,000	4,600	3,500
100	9,700	6,700	5,100	3,700	100	9,000	5,900	4,400	3,300
105	9,300	6,500	4,900	3,500	105	8,700	5,700	4,200	3,100
110	8,900	6,300	4,700	3,300	110	8,400	5,600	4,100	3,000
115	8,500	6,000	4,500	3,200	115	8,100	5,500	3,900	2,800
120	7,800	5,800	4,300	3,000	120	7,900	5,300	3,700	2,700
125	7,100	5,600	4,100	2,800	125	7,400	5,100	3,600	2,500
130	6,500	5,300	3,900	2,700	130	6,800	4,900	3,500	2,400
135	6,000	5,200	3,800	2,500	135	6,200	4,700	3,300	2,300
140	5,500	5,000	3,600	2,400	140	5,700	4,600	3,200	2,200
145	5,000	4,800	3,500	2,300	145	5,200	4,400	3,100	2,100
150	4,500	4,700	3,400	2,200	150	4,700	4,300	3,000	2,000
155	4,100	4,500	3,200	2,100	155	4,300	4,200	2,900	1,900
160	3,700	4,100	3,100	2,000	160	3,800	4,100	2,900	1,800
165	3,400	3,700	3,100	1,900	165	3,400	4,000	2,800	1,700
170		3,400	3,000	1,800	170		3,600	2,700	1,600
175		3,000	2,800	1,800	175		3,200	2,700	1,600
180		2,700	2,500	1,700	180		2,900	2,600	1,500
185		2,400	2,200	1,600	185		2,500	2,400	1,500
190			1,900	1,600	190			2,100	1,400
195			1,700	1,500	195			1,800	1,400
200			1,400	1,300	200			1,500	1,400
205				1,100	205				1,300
210				900	210				1,000
					215				800