

Load chart

Imperial



18.5 ft - 54.5 ft



100% (360°)



0% (front/rear ± 15° defined arc)



Pounds

Radius in Feet	Main Boom Length in Feet			
	18.5	30.5	42.5	54.5
6	40,000 (65)	24,000 (75.5)		
8	33,850 (57.5)	24,000 (71.5)	23,650 (77.5)	
10	30,100 (49.5)	24,000 (67.5)	21,550 (75)	16,800 (79)
12	26,950 (39.5)	24,000 (63)	19,850 (72)	15,350 (77)
14	23,550 (25.5)	24,000 (58.5)	18,050 (69)	14,100 (74.5)
15	18,900 (0)	22,500 (56.5)	17,250 (67.5)	13,500 (73.5)
16		21,000 (54)	16,550 (66)	13,000 (72.5)
18		18,450 (49)	15,250 (63)	12,100 (70)
20		16,300 (43.5)	14,250 (60)	11,250 (68)
22		14,150 (37)	13,300 (56.5)	10,550 (65.5)
24		12,250 (29.5)	12,200 (53)	9940 (63)
26		10,700 (19)	10,750 (49.5)	9380 (60.5)
27		10,050 (0)	10,150 (47.5)	9120 (59.5)
28			9600 (45.5)	8880 (58)
30			8620 (41.5)	8430 (55.5)
32			7790 (37)	8020 (53)
34			7090 (31.5)	7300 (50)
36			6470 (25)	6680 (47)
38			5920 (16)	6130 (44)
39			5680 (0)	5890 (42.5)
40				5650 (40.5)
42				5230 (37)
44				4850 (33)
46				4500 (28.5)
48				4180 (23)
51				3760 (0)

NOTE: () Boom angles are in degrees. 80090205

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Load chart

Imperial



Pounds

Main Boom Angle (°)	0° OFFSET		15° OFFSET		30° OFFSET
	To 42.5' boom length	To 54.5' boom length	To 42.5' boom length	To 54.5' boom length	Any boom length
75	9300	6500	7400	5650	3500
70	8550	6100	6950	4350	2800
65	7950	6100	6500	3800	2350
60	7400	5650	5350	3500	2150
55	6950	4350	4550	2800	1900
50	6500	3800	4050	2350	1750
45	5350	3500	3450	2150	1670
40	4550	2800	3300	1900	1550
35	4050	2350	3150	1750	
30	3450	2150	3000	1670	
25	3300	1900	2800	1550	
20	3150	1750			
15	3000	1670			
10	2800	1550			

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NOTES:

1. 15 ft boom extension may be used for single line lifting service only.
2. WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

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