



MEGA CRANES LTD.



40 Ton R.T. Capacity Chart

ON OUTRIGGERS FULLY EXTENDED – 360°

Radius (FT.)	Main Boom Length (FT.) (Power Pinned Fly Retracted)									Power Pin. Fly & 81 Ft.	32 Ft. Ext. & 81 Ft.	32 Ft. Ext. & 104 Ft.
	34	38	44	50	56	62	68	74	81	104	112	136
10	80,000 (63.5)	73,750 (67)	69,950 (70.5)	68,200 (73)	63,350 (75)					See Warning Note 17	See Warning Note 18	See Warning Note 19
12	75,000 (60)	73,750 (63.5)	66,700 (67.5)	61,600 (70.5)	57,150 (73)	53,750 (75)						
15	62,000 (53.5)	62,000 (58.5)	58,050 (63.5)	54,000 (67)	51,000 (70)	46,650 (72)	43,850 (74)	40,850 (75.5)				
20	47,300 (42)	47,300 (49)	47,300 (55.5)	43,950 (60.5)	40,550 (64)	38,000 (67)	35,700 (69.5)	33,100 (71.5)	30,000 (74)			
25	36,000 (26)	36,000 (37.5)	36,000 (47)	36,000 (53.5)	34,050 (58)	31,800 (62)	29,900 (65)	27,600 (67)	25,200 (70)	21,800 (75.5)	17,500 (75.5)	
30		29,000 (21.5)	29,000 (37)	29,000 (46)	29,000 (52)	27,100 (56.5)	25,600 (60)	23,500 (63)	21,500 (66)	18,800 (72.5)	15,000 (74)	
35			23,800 (23.5)	23,800 (37)	23,800 (45)	23,500 (50.5)	22,250 (55)	20,350 (58.5)	18,650 (62)	16,400 (69.5)	13,200 (71.5)	10,050 (75.5)
40				19,200 (25.5)	19,200 (37)	19,200 (44)	19,200 (49.4)	17,800 (53.5)	16,200 (58)	14,500 (66.5)	12,300 (69)	9,010 (73.5)
45					15,900 (36.5)	15,900 (36.5)	15,900 (43.5)	15,750 (48.5)	14,250 (53.5)	12,750 (63.5)	11,400 (66)	8,120 (71)
50					13,150 (27.5)	13,150 (27.5)	13,150 (36.5)	13,150 (43)	12,600 (48.5)	11,300 (60.5)	10,200 (63)	7,370 (68.5)
55						11,200 (13)	11,200 (28.5)	11,200 (36.5)	11,200 (43.5)	10,000 (57)	9,110 (60)	6,710 (66.5)
60							9,560 (16.5)	9,560 (29)	9,560 (37.5)	9,060 (53.5)	8,200 (57)	6,150 (64)
65								8,000 (19)	8,000 (31)	8,150 (50)	7,400 (54)	5,660 (61.5)
70									6,670 (22.5)	7,360 (46)	6,700 (50.5)	5,230 (59)
75										6,660 (42)	6,120 (47)	4,850 (56.5)
80										6,040 (37)	5,600 (43)	4,500 (54)
85										5,380 (32)	5,060 (39)	4,200 (51)
90										4,450 (25.5)	4,500 (34.5)	3,900 (48)
95										3,580 (17)	3,890 (29)	3,600 (45)
100											3,260 (23.5)	3,300 (42)
105											2,350 (16)	2,990 (38.5)
110												2,700 (34.5)
115												2,420 (30)
120												2,160 (25)
125												1,780 (18.5)
Min. boom angle (deg.) for indicated length (no load)									0	0	0	0
Max. boom length (ft.) at 0° boom angle (no load)									81	104	112	136

WEIGHT REDUCTION FOR LOAD HANDLING DEVICES

32 Ft. Boom Extension	
Stowed†	485 lbs.
Erected†	2888 lbs.
24 Ft. Jib & 32 Ft. Boom Ext. Combination	
Stowed†	602 lbs.
Erected†	6922 lbs.
Erected††	1682 lbs.

† Reduction of main boom capacities.

†† Reduction of 32 ft. Ext. Capacities.

NOTE: All Load Handling devices and boom attachments are considered part of the load and suitable allowances MUST BE MADE for their combine weights. Weights are for Grove furnished equipment.

Hook Blocks	
40 Ton, 3 Sheave	1102 lbs.
15 Ton, 1 Sheave	290 lbs.
Auxiliary Boom Head	220 lbs.
5 Ton, Headache Ball	172 lbs.
7.5 Ton, Headache Ball	338 lbs.
10 Ton, Headache Ball	560 lbs.