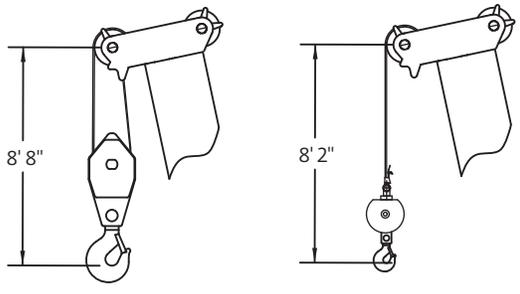
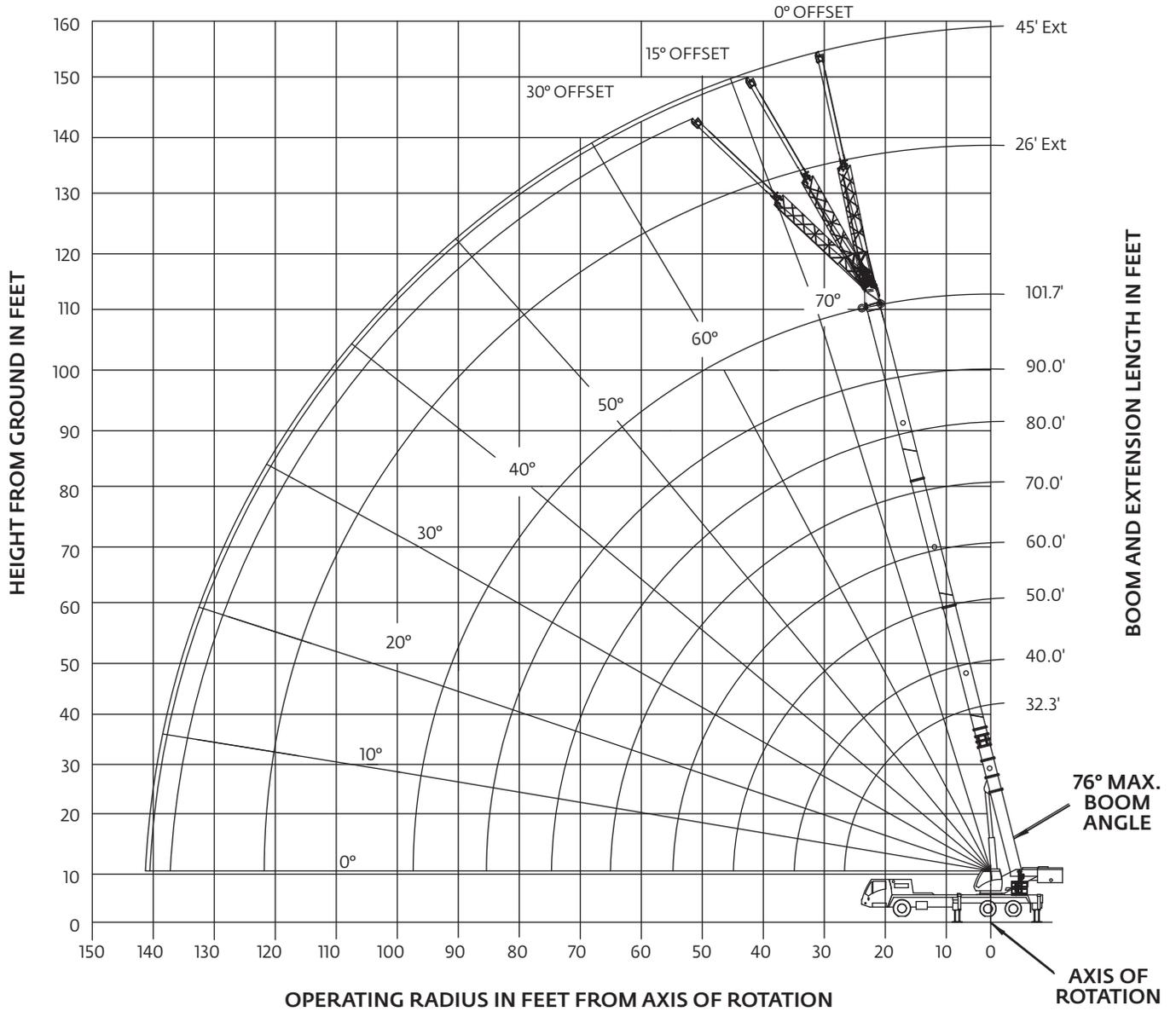


Working range

Main boom

102 ft main boom



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Load chart

Main boom



32 ft – 102 ft



8500 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet							
	32.3	40	50	60	70	80	90	101.7
8	80,000 (69)							
10	72,750 (65)	50,700 (70.5)	48,500 (75)					
12	63,500 (61)	50,700 (67.5)	48,500 (72.5)	46,400* (76)				
15	52,350 (54.5)	50,700 (62.5)	48,500 (69)	44,300 (73)	38,700* (76)			
20	37,150 (41.5)	37,700 (53.5)	38,150 (62.5)	35,300 (68)	31,000 (71.5)	29,700 (74.6)	22,000* (76)	
25	27,800 (20.5)	28,350 (43.5)	28,800 (55.5)	29,050 (62.5)	25,800 (67)	24,600 (70.5)	22,000 (73)	18,500* (76)
30		22,200 (30)	22,650 (43.5)	22,900 (56.5)	21,800 (62.5)	20,800 (66.5)	18,350 (69.5)	17,500 (72.5)
35			18,350 (38.5)	18,550 (50.5)	18,700 (57.5)	17,800 (62.5)	15,600 (66)	15,200 (69.5)
40			14,600 (26.5)	14,700 (43.5)	14,850 (52.5)	15,000 (58.5)	13,500 (62.5)	13,200 (66.5)
45				11,850 (35)	12,000 (46.5)	12,150 (54)	11,750 (59)	11,600 (63.5)
50				9610 (24.5)	9880 (40.5)	10,000 (49.5)	10,000 (55)	10,000 (60.5)
55					8170 (33)	8320 (44.5)	8330 (51)	8330 (57)
60					6790 (22.5)	6970 (38.5)	6980 (46.5)	6990 (53.5)
65						5840 (31.5)	5890 (42)	5890 (49.5)
70						4890 (22.5)	4950 (36.5)	4980 (45.5)
75							4150 (29.5)	4200 (41)
80							3470 (21)	3520 (36)
85								2930 (30.5)
90								2410 (23)
95								1950 (9.5)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							101.7 ft	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in feet							
	32.3	40	50	60	70	80	90	101.7
0°	26,300 (26)	18,800 (33.8)	12,300 (43.8)	8340 (53.8)	5930 (63.8)	4280 (73.8)	3020 (83.8)	1910 (95.5)

NOTE: () Reference radii in feet.

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Load chart

Main boom and extension



102 ft



26 ft - 45 ft



8500 lb



100%



360°



Pounds

Radius in feet	26 ft. length			45 ft. length		
	0° offset	15° offset	30° offset	0° offset	15° offset	30° offset
35	10,200 (75.5)					
40	9460 (73)	7700 (75)		5250* (76)		
45	8760 (71)	7370 (72.5)	6030 (75)	5250 (74.5)		
50	8150 (68.5)	6870 (70)	5780 (72.5)	5050 (72.5)	3660 (75.5)	
55	7510 (66)	6050 (67.5)	5520 (70)	4650 (70.5)	3540 (73.5)	
60	6700 (63)	5350 (65)	5290 (67.5)	4290 (68.5)	3430 (71)	3000 (75.5)
65	5910 (60.5)	4740 (62.5)	4810 (65)	4000 (66)	3320 (69)	2890 (73.5)
70	4990 (58)	4210 (59.5)	4270 (62)	3800 (64)	3220 (67)	2790 (71)
75	4200 (55)	3750 (56.5)	3800 (59)	3650 (61.5)	3130 (64.5)	2700 (68.5)
80	3530 (52)	3330 (53.5)	3380 (56)	3520 (59)	3000 (62)	2620 (66)
85	2950 (48.5)	2960 (50.5)	3010 (53)	3360 (57)	2880 (59.5)	2550 (63.5)
90	2440 (45)	2630 (47.5)	2670 (49.5)	3030 (54.5)	2770 (57)	2480 (61)
95	1990 (41.5)	2160 (43.5)	2300 (46)	2670 (51.5)	2680 (54.5)	2410 (58)
100	1600 (38)	1720 (39.5)	1840 (42)	2270 (48.5)	2570 (51.5)	2380 (55.5)
105	1240 (33.5)	1320 (35.5)	1430 (37.5)	1900 (45.5)	2200 (48.5)	2310 (52)
110				1580 (42.5)	1820 (45.5)	2040 (48.5)
115				1280 (39)	1490 (42)	1660 (45)
120				1010 (35.5)	1180 (38.5)	1330 (41)
125						1020 (36.5)
Min. boom angle for indicated length (no load)	29°	31°	36°	34°	35°	35°
Max. boom length at 0° boom angle (no load)	80 ft.			80 ft.		

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

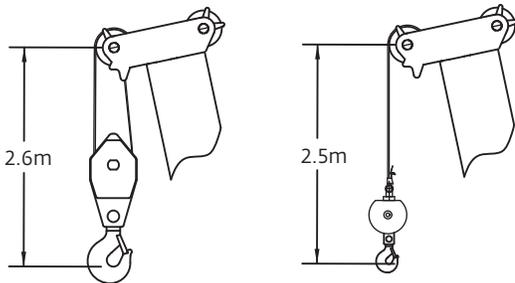
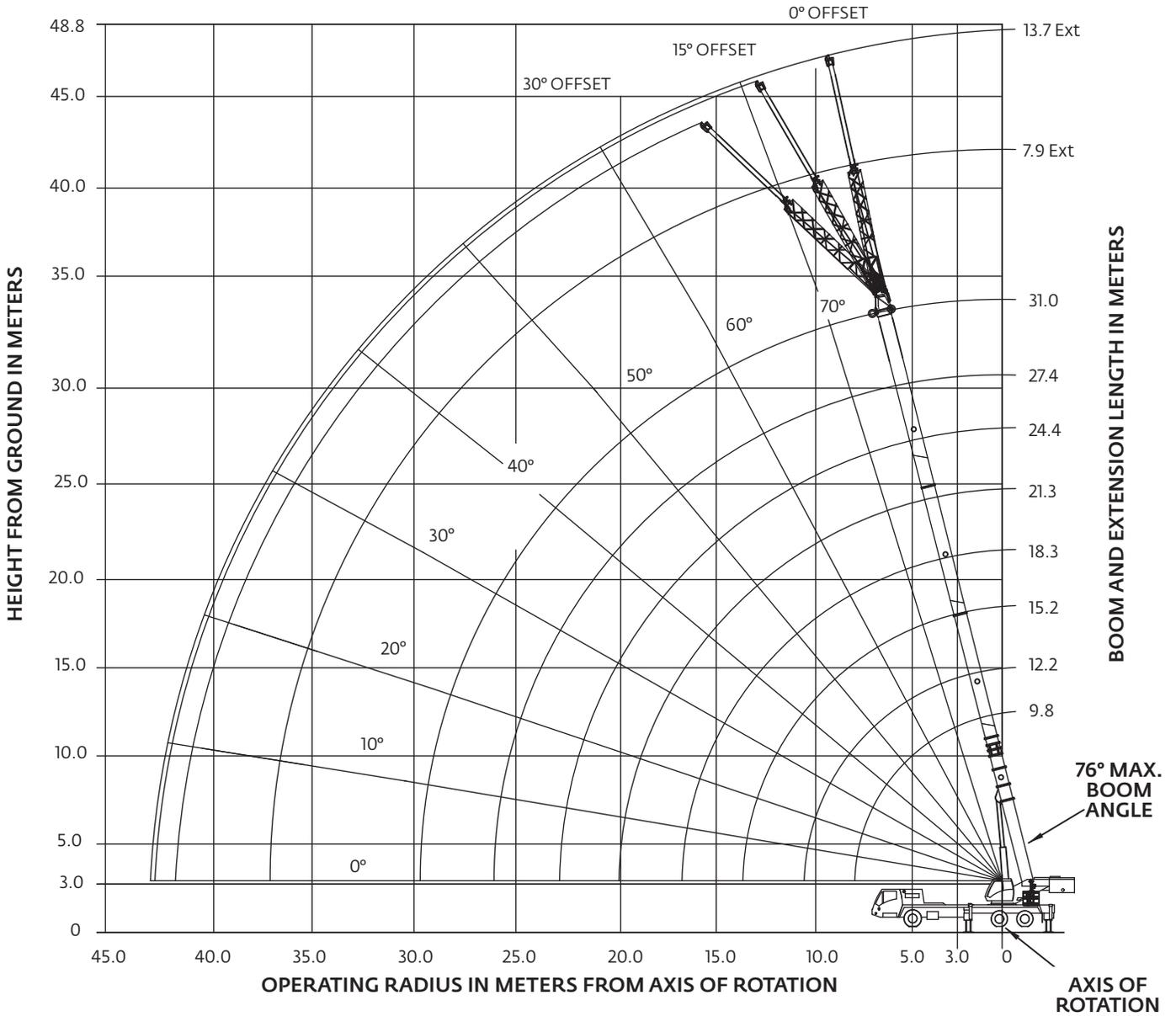
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Working range

Main boom

31 m main boom



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Load chart

Main boom



9,8 m – 31 m



3900 kg



100%



360°



Meters

Radius in meters	Main boom length in meters							
	9,8	12,2	15,2	18,3	21,3	24,4	27,4	31
2,2	40 000 (71)							
3	32 725 (65,5)	22 975 (71)	21 975 (75,5)					
3,5	29 875 (62)	22 975 (68,5)	21 975 (73,5)					
4	27 350 (58,5)	22 975 (65,5)	21 975 (71,5)	21 025 (75)				
4,5	24 175 (55)	22 975 (63)	21 975 (69,5)	20 150 (73,5)				
5	21 425 (51)	21 675 (60)	21 025 (67)	18 925 (71,5)	17 550 (75)			
6	17 200 (42,5)	17 450 (54)	17 650 (63)	16 250 (68)	14 275 (72)	13 450 (74,5)		
7	14 100 (31)	14 350 (47,5)	14 575 (58,5)	14 400 (64,5)	12 650 (69)	12 075 (72)	9 975 (74,5)	
8		12 075 (40,5)	12 275 (53,5)	12 375 (61)	11 250 (66)	10 725 (69,5)	9 530 (72,5)	8 375 (74,5)
9		10 300 (31,5)	10 500 (48,5)	10 625 (57)	10 025 (63)	9 585 (67)	8 470 (70)	7 980 (72,5)
10		8 905 (17,5)	9 115 (43)	9 220 (53)	9 045 (60)	8 625 (64,5)	7 625 (67,5)	7 350 (71)
12			6 825 (28,5)	6 875 (44,5)	6 945 (53)	7 015 (59)	6 245 (63)	6 100 (67)
14				5 170 (33,5)	5 250 (45,5)	5 310 (53)	5 220 (58,5)	5 140 (63)
16				3 970 (16)	4 070 (37)	4 135 (47)	4 135 (53)	4 140 (58,5)
18					3 190 (25)	3 270 (39,5)	3 275 (47,5)	3 275 (54)
20						2 590 (30,5)	2 615 (41)	2 615 (49)
22						2 055 (15,5)	2 080 (33,5)	2 100 (43,5)
24							1 645 (23,5)	1 670 (37,5)
26								1 310 (30)
28								1 010 (19,5)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							31 m	

NOTE: () Boom angles are in degrees.

Boom angle	Main boom length in meters							
	9,8	12,2	15,2	18,3	21,3	24,4	27,4	31
0°	11 925 (7,9)	8 540 (10,3)	5 590 (13,3)	3 785 (16,4)	2 690 (19,4)	1 945 (22,5)	1 370 (25,5)	8 65 (29,1)

NOTE: () Reference radii in meters.

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Load chart

Main boom and extension



31 m



7,9 m – 13,7 m



3900 kg



100%



360°



Meters

Radius in meters	7,9 m length			13,7 m length		
	0° offset	15° offset	30° offset	0° offset	15° offset	30° offset
12	4335 (73,5)	3525 (75,5)				
14	3925 (70,5)	3300 (72)	2735 (75)	2360 (74,5)		
16	3550 (67)	2930 (69)	2565 (71,5)	2200 (71,5)	1630 (74,5)	
18	3105 (63,5)	2485 (65,5)	2420 (68)	1975 (69)	1565 (71,5)	1360 (76)
20	2625 (60)	2120 (62)	2150 (64,5)	1800 (66)	1500 (68,5)	1305 (73)
22	2100 (56,5)	1820 (58,5)	1845 (60,5)	1690 (63)	1440 (65,5)	1250 (70)
24	1675 (52,5)	1560 (54,5)	1580 (57)	1610 (60)	1375 (62,5)	1200 (66,5)
26	1325 (48,5)	1335 (50,5)	1355 (52,5)	1515 (56,5)	1305 (59,5)	1155 (63,5)
28	1030 (44)	1115 (46)	1155 (48,5)	1320 (53,5)	1240 (56)	1115 (60)
30	780 (39)	840 (41)	900 (43,5)	1085 (49,5)	1180 (52,5)	1085 (56)
32	565 (33,5)	600 (35,5)	650 (37,5)	865 (45,5)	995 (48,5)	1045 (52)
34				670 (41,5)	780 (44,5)	870 (47,5)
36				500 (37)	585 (40)	660 (42,5)
Min. boom angle for indicated length (no load)	29°	31°	36°	34°	35°	35°
Max. boom at 0° boom angle (no load)	24,4 m			24,4 m		

NOTE: () Boom angles are in degrees.

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