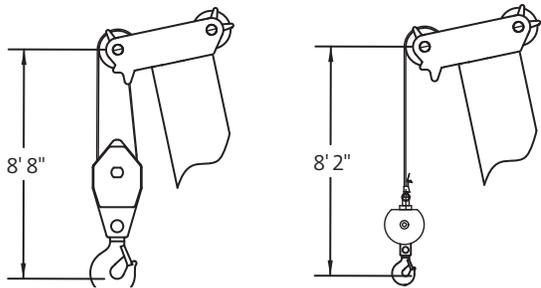
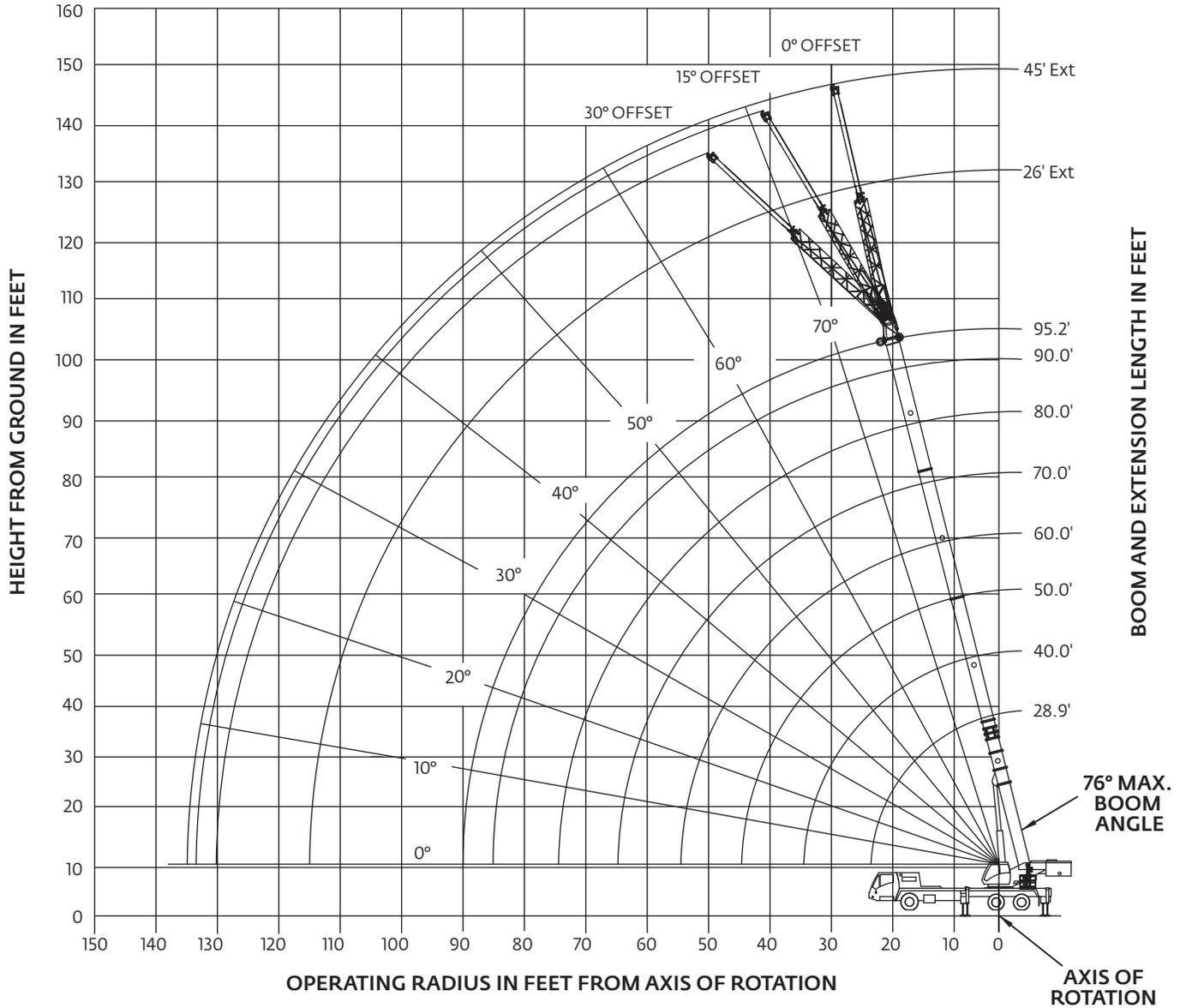


Working range

Main boom

95 ft main boom



DIMENSIONS ARE FOR THE LARGEST GROVE FURNISHED HOOK BLOCK AND OVERHAUL BALL, WITH ANTI-TWO BLOCK ACTIVATED.

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Load chart

Main boom



29 ft – 95 ft



8500 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet							
	28.9	40.0	50.0	60.0	70.0	80.0	90.0	95.2
8	80,000 (66)							
10	63,000 (61.5)	50,100 (70)	46,950 (74.5)					
12	55,050 (56.5)	50,100 (67)	44,950 (72)	38,850 (75.5)				
15	46,300 (48)	48,750 (62)	41,050 (68.5)	36,000 (72.5)	29,450 (75.5)			
20	36,300 (30.5)	38,400 (53.5)	36,450 (62)	29,500 (67.5)	27,400 (71)	22,450 (74)	18,550* (76)	15,500* (76)
25		29,150 (43)	29,550 (55)	24,800 (62)	23,100 (66.5)	19,250 (70)	16,500 (72.5)	15,300 (73.5)
30		23,050 (29.5)	23,450 (47.5)	21,100 (56.5)	19,600 (62)	16,850 (66)	14,400 (69)	13,200 (70.5)
35			18,600 (38.5)	18,350 (50)	17,000 (57)	14,850 (62)	12,700 (65.5)	11,500 (67)
40			14,650 (26.5)	14,650 (43)	14,950 (52)	13,250 (58)	11,000 (62)	10,000 (64)
45				11,800 (35)	12,150 (46.5)	11,950 (53.5)	9630 (58.5)	9060 (60.5)
50				9710 (24)	10,000 (40)	10,350 (48.5)	8740 (54.5)	7990 (57)
55					8390 (32.5)	8730 (43.5)	7760 (50.5)	7100 (53)
60					7080 (22)	7410 (37.5)	6920 (46)	6320 (49)
65						6340 (30.5)	6210 (41)	5650 (45)
70						5440 (21)	5460 (35.5)	5080 (40)
75							4700 (29)	4570 (35)
80							4050 (20)	4060 (28.5)
85								3490 (20)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							95.2 ft	

NOTE: () Boom angles are in degrees.

Boom angle	Main boom length in feet							
	28.9	40	50	60	70	80	90	95.2
0°	26,450 (22.7)	17,850 (33.8)	12,450 (43.8)	8430 (53.8)	6240 (63.8)	4860 (73.8)	3610 (83.8)	3100 (88.9)

NOTE: () Reference radii in feet.

* This capacity is based on maximum boom angle.

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Load chart

Main boom



29 ft – 95 ft



5000 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet							
	28.9	40.0	50.0	60.0	70.0	80.0	90.0	95.2
8	80,000 (66)							
10	63,000 (61.5)	50,100 (70)	46,950 (74.5)					
12	55,050 (56.5)	50,100 (67)	44,950 (72)	38,850 (75.5)				
15	46,300 (48)	48,750 (62)	41,050 (68.5)	36,000 (72.5)	29,450 (75.5)			
20	35,800 (30.5)	36,650 (53.5)	36,450 (62)	29,500 (67.5)	27,400 (71)	22,450 (74)	18,550* (76)	15,500* (76)
25		27,750 (43)	28,150 (55)	24,800 (62)	23,100 (66.5)	19,250 (70)	16,500 (72.5)	15,300 (73.5)
30		21,500 (29.5)	21,500 (47.5)	21,100 (56.5)	19,600 (62)	16,850 (66)	14,400 (69)	13,200 (70.5)
35			16,200 (38.5)	16,200 (50)	16,500 (57)	14,850 (62)	12,700 (65.5)	11,500 (67)
40			12,650 (26.5)	12,650 (43)	12,950 (52)	13,250 (58)	11,000 (62)	10,000 (64)
45				10,100 (35)	10,450 (46.5)	10,750 (53.5)	9630 (58.5)	9060 (60.5)
50				8220 (24)	8550 (40)	8880 (48.5)	8740 (54.5)	7990 (57)
55					7070 (32.5)	7400 (43.5)	7420 (50.5)	7100 (53)
60					5880 (22)	6220 (37.5)	6240 (46)	6240 (49)
65						5250 (30.5)	5270 (41)	5280 (45)
70						4440 (21)	4460 (35.5)	4470 (40)
75						3780 (29)	3790 (35)	3790 (35)
80						3190 (20)	3200 (28.5)	3200 (28.5)
85							2690 (20)	2690 (20)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							95.2 ft	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in feet							
	28.9	40	50	60	70	80	90	95.2
0°	26,450 (22.7)	17,300 (33.8)	10,700 (43.8)	7060 (53.8)	5130 (63.8)	3910 (73.8)	2800 (83.8)	2340 (88.9)

NOTE: () Reference radii in feet.

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Load chart

Main boom



29 ft – 95 ft



0 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet							
	28.9	40	50	60	70	80	90	95.2
8	80,000 (66)							
10	63,000 (61.5)	50,100 (70)	46,950 (74.5)					
12	55,050 (56.5)	50,100 (67)	44,950 (72)	38,850 (75.5)				
15	46,300 (48)	47,550 (62)	41,050 (68.5)	36,000 (72.5)	29,450 (75.5)			
20	30,200 (30.5)	33,500 (53.5)	33,900 (62)	29,500 (67.5)	27,400 (71)	22,450 (74)	18,550* (76)	15,500* (76)
25		24,600 (43)	24,650 (55)	24,700 (62)	23,100 (66.5)	19,250 (70)	16,500 (72.5)	15,300 (73.5)
30		17,200 (29.5)	17,250 (47.5)	17,250 (56.5)	17,550 (62)	16,850 (66)	14,400 (69)	13,200 (70.5)
35			12,750 (38.5)	12,750 (50)	13,100 (57)	13,400 (62)	12,700 (65.5)	11,500 (67)
40			9820 (26.5)	9800 (43)	10,100 (52)	10,450 (58)	10,450 (62)	10,000 (64)
45				7670 (35)	8000 (46.5)	8330 (53.5)	8350 (58.5)	8370 (60.5)
50				6070 (24)	6400 (40)	6730 (48.5)	6760 (54.5)	6770 (57)
55					5160 (32.5)	5490 (43.5)	5510 (50.5)	5520 (53)
60					4160 (22)	4500 (37.5)	4520 (46)	4530 (49)
65						3680 (30.5)	3710 (41)	3720 (45)
70						3010 (21)	3030 (35.5)	3040 (40)
75						2450 (29)	2470 (35)	2470 (35)
80						1960 (20)	1970 (28.5)	1970 (28.5)
85							1550 (20)	1550 (20)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							95.2 ft	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in feet							
	28.9	40	50	60	70	80	90	95.2
0°	20,800 (22.7)	13,700 (33.8)	8150 (43.8)	5100 (53.8)	3530 (63.8)	2560 (73.8)	1630 (83.8)	1240 (88.9)

NOTE: () Reference radii in feet.

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Load chart

Main boom and extension



95 ft



26 ft – 45 ft



5000 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
30	8750* (76)					
35	8750 (73.5)	7770* (76)		5250* (76)		
40	8500 (71)	7600 (73.5)	6300* (76)	5250 (74.5)		
45	8130 (68.5)	7130 (71)	5920 (74)	5160 (72.5)	3660* (76)	
50	7420 (66)	6420 (68)	5650 (71)	4850 (70.5)	3600 (74)	
55	6520 (63.5)	5630 (65.5)	5400 (68.5)	4440 (68)	3480 (71.5)	3000* (76)
60	5820 (60.5)	4950 (62.5)	4990 (65.5)	4110 (66)	3370 (69)	2950 (74)
65	5100 (57.5)	4380 (60)	4450 (62.5)	3870 (63.5)	3260 (67)	2850 (71.5)
70	4410 (54.5)	3860 (57)	3940 (59.5)	3690 (61)	3160 (64.5)	2750 (69)
75	3710 (51.5)	3410 (54)	3480 (56.5)	3550 (58.5)	3040 (62)	2660 (66.5)
80	3110 (48.5)	3010 (50.5)	3070 (53)	3390 (56)	2920 (59.5)	2570 (64)
85	2590 (45)	2650 (47)	2700 (49)	3080 (53.5)	2800 (57)	2500 (61)
90	2140 (41)	2300 (43)	2360 (45.5)	2760 (51)	2700 (54)	2430 (58)
95	1730 (37)	1880 (39)	1980 (41)	2430 (48)	2590 (51.5)	2380 (55)
100	1380 (32.5)	1510 (34.5)	1590 (36)	2070 (45)	2240 (48.5)	2320 (52)
105	1060 (27.5)	1170 (29)		1750 (42)	1890 (45)	2120 (48.5)
110				1460 (38.5)	1580 (41.5)	1780 (44.5)
115				1200 (34.5)	1290 (37.5)	1470 (40.5)
120					1030 (33)	1190 (35.5)
Min. boom angle for indicated length (no load)	26°	28°	35°	31°	32°	34°
Max. boom at 0° boom angle (no load)	80 ft			70 ft		

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

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Load chart

Main boom and extension



29 ft – 95 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
30	8750* (76)					
35	8750 (73.5)	7770* (76)		5250* (76)		
40	8500 (71)	7600 (73.5)	6300* (76)	5250 (74.5)		
45	8130 (68.5)	7130 (71)	5920 (74)	5160 (72.5)	3660* (76)	
50	7420 (66)	6420 (68)	5650 (71)	4850 (70.5)	3600 (74)	
55	6520 (63.5)	5630 (65.5)	5400 (68.5)	4440 (68)	3480 (71.5)	3000* (76)
60	5820 (60.5)	4950 (62.5)	4990 (65.5)	4110 (66)	3370 (69)	2950 (74)
65	5100 (57.5)	4380 (60)	4450 (62.5)	3870 (63.5)	3260 (67)	2850 (71.5)
70	4500 (54.5)	3860 (57)	3940 (59.5)	3690 (61)	3160 (64.5)	2750 (69)
75	3910 (51.5)	3410 (54)	3480 (56.5)	3550 (58.5)	3040 (62)	2660 (66.5)
80	3480 (48.5)	3010 (50.5)	3070 (53)	3390 (56)	2920 (59.5)	2570 (64)
85	3050 (45)	2650 (47)	2700 (49)	3080 (53.5)	2800 (57)	2500 (61)
90	2650 (41)	2330 (43)	2360 (45.5)	2760 (51)	2700 (54)	2430 (58)
95	2310 (37)	2040 (39)	2070 (41)	2470 (48)	2590 (51.5)	2380 (55)
100	2000 (32.5)	1780 (34.5)	1700 (36)	2200 (45)	2360 (48.5)	2320 (52)
105	1690 (27.5)	1510 (29)		1960 (42)	2140 (45)	2210 (48.5)
110	1370 (20.5)			1740 (38.5)	1930 (41.5)	1990 (44.5)
115				1560 (34.5)	1740 (37.5)	1790 (40.5)
120				1440 (30.5)	1470 (33)	1400 (35.5)
125				1240 (25.5)	1280 (28)	
130				1040 (18.5)		
Min. boom angle for indicated length (no load)	19°	28°	35°	17°	27°	34°
Max. boom at 0° boom angle (no load)	90 ft			80 ft		

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

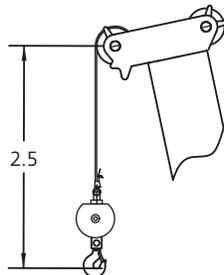
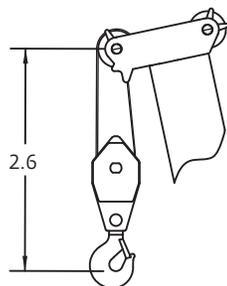
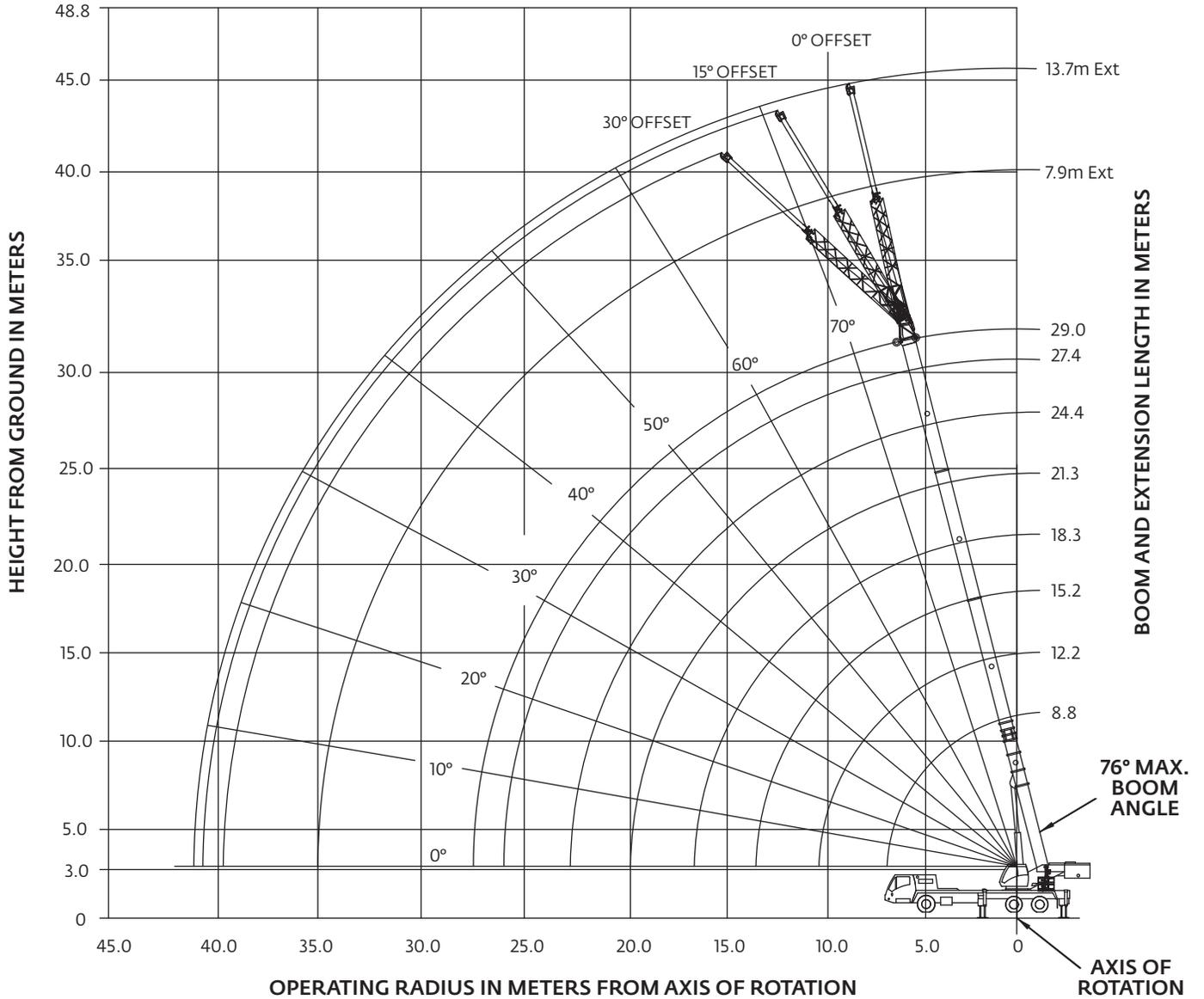
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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Working range

Main boom

29 m main boom



DIMENSIONS ARE FOR THE LARGEST GROVE FURNISHED HOOK BLOCK AND OVERHAUL BALL, WITH ANTI-TWO BLOCK ACTIVATED.

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Load chart

Main boom



8,8 m – 29 m



3900 kg



100%



360°



Meters

Radius in meters	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
2,2	40 000 (67,5)							
3	30 000 (61,5)	22 725 (70,5)	21 300 (75)					
3,5	25 900 (57,5)	22 725 (68)	20 625 (73)	17 625* (76)				
4	23 475 (53,5)	22 725 (65)	19 725 (70,5)	17 125 (74,5)				
4,5	21 300 (49)	22 200 (62,5)	18 750 (68,5)	16 425 (72,5)	13 350 (75,5)			
5	19 725 (44)	20 975 (59,5)	18 025 (66,5)	15 500 (71)	13 100 (74)			
6	16 725 (32)	17 750 (54)	16 650 (62,5)	13 550 (67,5)	12 475 (71,5)	10 175 (74)	8435* (76)	7030* (76)
7		14 700 (47,5)	14 875 (58)	12 100 (64)	11 250 (68,5)	9330 (71,5)	7870 (74)	6975 (75)
8		12 425 (40,5)	12 625 (53,5)	10 825 (60,5)	10 075 (65,5)	8465 (69)	7245 (71,5)	6700 (73)
9		10 675 (31)	10 875 (48)	9745 (57)	9030 (62,5)	7755 (66,5)	6630 (69,5)	6075 (70,5)
10		9300 (17,5)	9475 (42,5)	8890 (53)	8225 (59,5)	7145 (64)	6100 (67)	5555 (68,5)
12			6845 (28)	6840 (44)	6985 (52,5)	6115 (58,5)	5085 (62,5)	4620 (64,5)
14				5165 (33)	5315 (45)	5325 (52,5)	4295 (57,5)	4020 (60)
16				4010 (15,5)	4160 (36,5)	4310 (46)	3745 (52,5)	3420 (55)
18					3315 (24,5)	3465 (38,5)	3210 (47)	2935 (50)
20						2820 (29,5)	2780 (40,5)	2530 (44,5)
22						2310 (15)	2320 (33)	2200 (38)
24							1905 (22,5)	1910 (30)
26								1570 (19,5)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							29 m	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
0°	11 975 (6,9)	8090 (10,3)	5655 (13,3)	3820 (16,4)	2830 (19,4)	2205 (22,5)	1640 (25,5)	1405 (27,1)

NOTE: () Reference radii in meters.

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Load chart

Main boom



8,8 m – 29 m



2300 kg



100%



360°



Meters

Radius in meters	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
2,2	40 000 (67,5)							
3	30 000 (61,5)	22 725 (70,5)	21 300 (75)					
3,5	25 900 (57,5)	22 725 (68)	20 625 (73)	17 625* (76)				
4	23 475 (53,5)	22 725 (65)	19 725 (70,5)	17 125 (74,5)				
4,5	21 300 (49)	22 200 (62,5)	18 750 (68,5)	16 425 (72,5)	13 350 (75,5)			
5	19 725 (44)	20 975 (59,5)	18 025 (66,5)	15 500 (71)	13 100 (74)			
6	16 425 (32)	16 825 (54)	16 650 (62,5)	13 550 (67,5)	12 475 (71,5)	10 175 (74)	8435* (76)	7030* (76)
7		13 900 (47,5)	14 100 (58)	12 100 (64)	11 250 (68,5)	9330 (71,5)	7870 (74)	6975 (75)
8		11 750 (40,5)	11 925 (53,5)	10 825 (60,5)	10 075 (65,5)	8465 (69)	7245 (71,5)	6700 (73)
9		10 050 (31)	10 050 (48)	9745 (57)	9030 (62,5)	7755 (66,5)	6630 (69,5)	6075 (70,5)
10		8285 (17,5)	8285 (42,5)	8290 (53)	8225 (59,5)	7145 (64)	6100 (67)	5555 (68,5)
12			5925 (28)	5920 (44)	6065 (52,5)	6115 (58,5)	5085 (62,5)	4620 (64,5)
14				4410 (33)	4560 (45)	4710 (52,5)	4295 (57,5)	4020 (60)
16				3370 (15,5)	3525 (36,5)	3675 (46)	3680 (52,5)	3420 (55)
18					2760 (24,5)	2915 (38,5)	2920 (47)	2925 (50)
20						2335 (29,5)	2340 (40,5)	2345 (44,5)
22						1875 (15)	1880 (33)	1885 (38)
24							1510 (22,5)	1515 (30)
26								1210 (19,5)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							29 m	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
0°	11 975 (6,9)	7860 (10,3)	4850 (13,3)	3205 (16,4)	2325 (19,4)	1775 (22,5)	1270 (25,5)	1060 (27,1)

NOTE: () Reference radii in meters.

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Load chart

Main boom



8,8 m – 29 m



0 kg



100%



360°



Meters

Radius in meters	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
2,2	36 275 (67,5)							
3	30 000 (61,5)	22 725 (70,5)	21 300 (75)					
3,5	25 900 (57,5)	22 725 (68)	20 625 (73)	17 625* (76)				
4	23 475 (53,5)	22 725 (65)	19 725 (70,5)	17 125 (74,5)				
4,5	21 300 (49)	21 975 (62,5)	18 750 (68,5)	16 425 (72,5)	13 350 (75,5)			
5	18 950 (44)	19 375 (59,5)	18 025 (66,5)	15 500 (71)	13 100 (74)			
6	14 350 (32)	15 500 (54)	15 675 (62,5)	13 550 (67,5)	12 475 (71,5)	10 175 (74)	8435* (76)	7030* (76)
7		12 775 (47,5)	12 950 (58)	12 100 (64)	11 250 (68,5)	9330 (71,5)	7870 (74)	6975 (75)
8		10 125 (40,5)	10 150 (53,5)	10 175 (60,5)	10 075 (65,5)	8465 (69)	7245 (71,5)	6700 (73)
9		8060 (31)	8070 (48)	8075 (57)	8225 (62,5)	7755 (66,5)	6630 (69,5)	6075 (70,5)
10		6575 (17,5)	6580 (42,5)	6580 (53)	6730 (59,5)	6875 (64)	6100 (67)	5555 (68,5)
12			4600 (28)	4590 (44)	4740 (52,5)	4890 (58,5)	4900 (62,5)	4620 (64,5)
14				3330 (33)	3480 (45)	3630 (52,5)	3640 (57,5)	3645 (60)
16				2455 (15,5)	2605 (36,5)	2755 (46)	2765 (52,5)	2770 (55)
18					1965 (24,5)	2120 (38,5)	2130 (47)	2135 (50)
20						1630 (29,5)	1640 (40,5)	1645 (44,5)
22						1245 (15)	1255 (33)	1260 (38)
24							945 (22,5)	950 (30)
26								690 (19,5)
Min. boom angle for indicated length (no load)							0°	
Max. boom length at 0° boom angle (no load)							29 m	

NOTE: () Boom angles are in degrees.

* This capacity is based on maximum boom angle.

Boom angle	Main boom length in meters							
	8,8	12,2	15,2	18,3	21,3	24,4	27,4	29
0°	9455 (6,9)	6215 (10,3)	3695 (13,3)	2315 (16,4)	1600 (19,4)	1160 (22,5)	740 (25,5)	565 (27,1)

NOTE: () Reference radii in meters.

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Load chart

Main boom and extension



29 m



7,9 m – 13,7 m



2300 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
10	3965 (75)					
12	3870 (71,5)	3460 (74)		2380 (75)		
14	3630 (68)	3170 (70,5)	2665 (73,5)	2315 (72)	1655 (75,5)	
16	3165 (64,5)	2730 (67)	2505 (70)	2105 (69)	1605 (72,5)	
18	2700 (61)	2300 (63,5)	2300 (66)	1890 (66)	1540 (69,5)	1345 (74,5)
20	2280 (57,5)	1955 (59,5)	1990 (62,5)	1745 (63)	1470 (66,5)	1285 (71)
22	1855 (53,5)	1665 (55,5)	1695 (58)	1645 (60)	1410 (63,5)	1230 (68)
24	1475 (49)	1410 (51,5)	1440 (53,5)	1555 (56,5)	1335 (60)	1175 (64,5)
26	1160 (44,5)	1195 (47)	1215 (49)	1390 (53,5)	1265 (56,5)	1130 (61)
28	900 (39,5)	970 (42)	1020 (44)	1200 (50)	1205 (53)	1095 (57)
30	675 (34)	735 (36)	775 (38)	990 (46)	1070 (49,5)	1060 (53)
32		535 (29)		795 (42)	860 (45)	960 (48,5)
34				625 (37,5)	675 (40,5)	760 (43,5)
36					510 (35)	590 (37,5)
Min. boom angle for indicated length (no load)	26°	28°	35°	31°	32°	34°
Max. boom at 0° boom angle (no load)	24,4 m			21,3 m		

NOTE: () Boom angles are in degrees.

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Load chart

Main boom and extension



29 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
10	3965 (75)					
12	3870 (71,5)	3460 (74)		2380 (75)		
14	3630 (68)	3170 (70,5)	2665 (73,5)	2315 (72)	1655 (75,5)	
16	3165 (64,5)	2730 (67)	2505 (70)	2105 (69)	1605 (72,5)	
18	2700 (61)	2300 (63,5)	2300 (66)	1890 (66)	1540 (69,5)	1345 (74,5)
20	2280 (57,5)	1955 (59,5)	1990 (62,5)	1745 (63)	1470 (66,5)	1285 (71)
22	1925 (53,5)	1665 (55,5)	1695 (58)	1645 (60)	1410 (63,5)	1230 (68)
24	1625 (49)	1410 (51,5)	1440 (53,5)	1555 (56,5)	1335 (60)	1175 (64,5)
26	1375 (44,5)	1195 (47)	1215 (49)	1390 (53,5)	1265 (56,5)	1130 (61)
28	1145 (39,5)	1010 (42)	1025 (44)	1200 (50)	1205 (53)	1095 (57)
30	955 (34)	845 (36)	825 (38)	1035 (46)	1105 (49,5)	1060 (53)
32	765 (27,5)	685 (29)		890 (42)	970 (45)	1000 (48,5)
34				765 (37,5)	850 (40,5)	875 (43,5)
36				675 (32)	710 (35)	700 (37,5)
38				570 (25,5)	585 (28,5)	
Min. boom angle for indicated length (no load)	19°	28°	35°	17°	27°	34°
Max. boom at 0° boom angle (no load)	27,4 m			24,4 m		

NOTE: () Boom angles are in degrees.

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