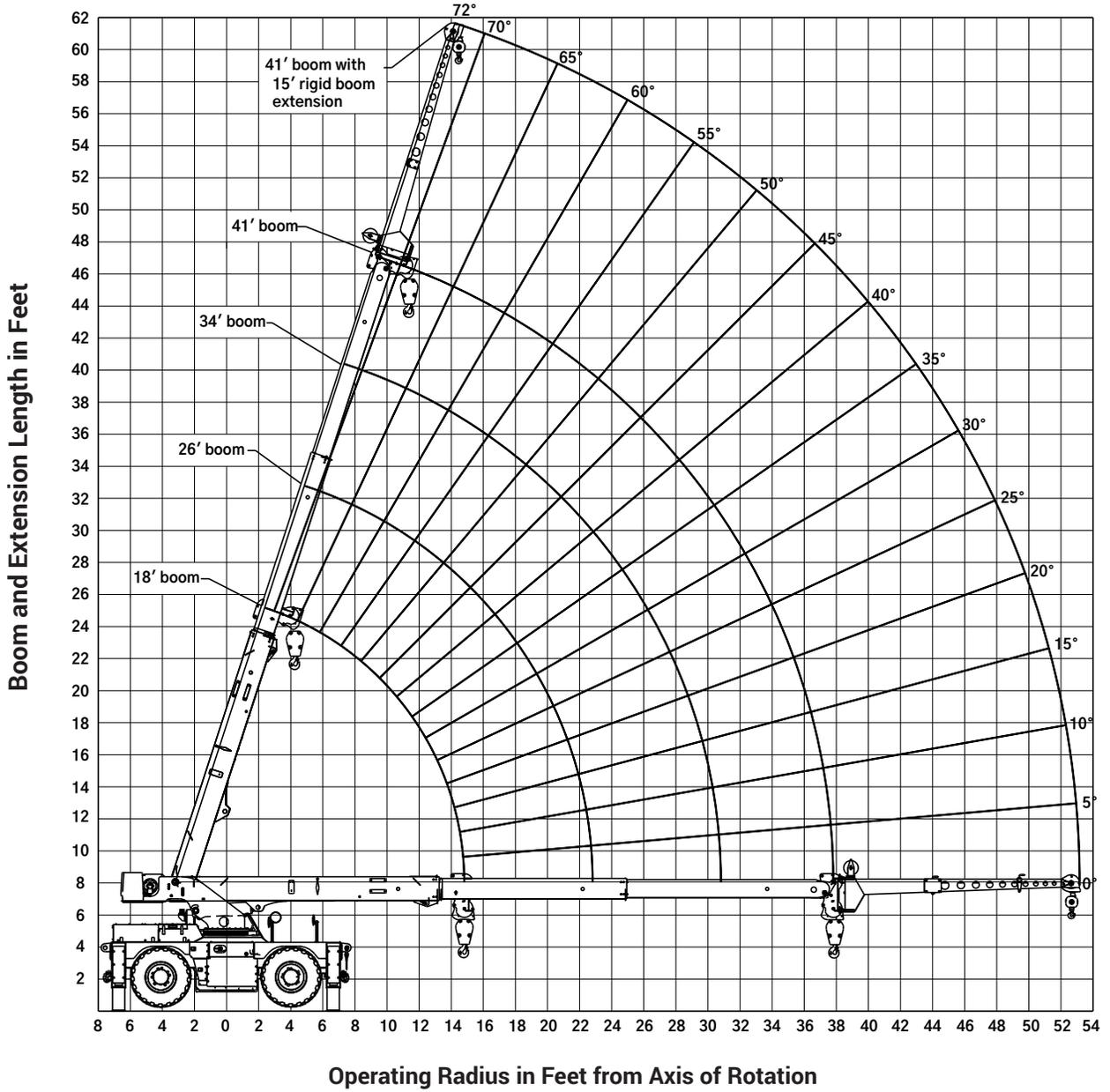


WORKING RANGE

41 ft Boom - Imperial 85%



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

41 ft Boom - Imperial 85%



Pounds

Feet	Main Boom Length in Feet			
	18	26	34	41
6	30,000 (66)			
8	27,150 (58.5)	19,800 (69.5)		
10	24,000 (50)	19,800 (64.5)		
12	21,500 (39.5)	18,950 (59.5)	17,350 (67.5)	
14	16,000 (24.5)	16,300 (53.5)	15,150 (64)	13,550 (69)
14.5	13,800 (0)	15,300 (52)	14,750 (63)	13,200 (68)
16		12,850 (47.5)	12,750 (60)	12,200 (66)
18		10,500 (40.5)	10,450 (56)	10,800 (62.5)
20		8,870 (32)	8,800 (51.5)	9,070 (59.5)
22		7,610 (20)	7,550 (46.5)	7,760 (56)
22.5		7,350 (0)	7,290 (45.5)	7,480 (55)
24			6,580 (41.5)	6,740 (52.5)
26			5,790 (35.5)	5,930 (48.5)
28			5,140 (28)	5,260 (44.5)
30			4,610 (17)	4,690 (40)
30.5			4,490 (0)	4,570 (39)
32				4,220 (35)
34				3,810 (29.5)
36				3,450 (21.5)
37.5				3,220 (0)

Feet	Main Boom Length in Feet			
	18	26	34	41
6	30,000 (66)			
8	27,150 (58.5)	19,800 (69.5)		
10	24,000 (50)	19,800 (64.5)		
12	21,500 (39.5)	18,950 (59.5)	17,350 (67.5)	
14	18,500 (24.5)	16,700 (53.5)	15,150 (64)	13,550 (69)
14.5	13,800 (0)	16,250 (52)	14,750 (63)	13,200 (68)
16		14,900 (47.5)	13,600 (60)	12,200 (66)
18		13,200 (40.5)	12,300 (56)	11,000 (62.5)
20		11,100 (32)	10,900 (51.5)	10,100 (59.5)
22		9,560 (20)	9,390 (46.5)	9,320 (56)
22.5		8,960 (0)	9,070 (45.5)	9,140 (55)
24			8,210 (41.5)	8,360 (52.5)
26			7,280 (35.5)	7,350 (48.5)
28			6,510 (28)	6,530 (44.5)
30			5,880 (17)	5,860 (40)
30.5			5,740 (0)	5,710 (39)
32				5,290 (35)
34				4,790 (29.5)
36				4,370 (21.5)
37.5				4,090 (0)

*NOTE: () Boom angles are in degrees.

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

41 ft Boom - Imperial 85%



15 ft



100%



360°



Pounds

Feet	15 ft Length		
	0° OFFSET	15° OFFSET	30° OFFSET
18	7,370 (70)		
20	7,210 (68)		
22	6,650 (65.5)	4,790 (69.5)	
24	6,020 (63.5)	4,570 (67)	3,650 (70)
26	5,590 (61)	4,290 (64.5)	3,520 (67.5)
28	5,290 (58.5)	4,120 (62)	3,410 (65)
30	4,810 (56)	3,900 (59.5)	3,290 (62.5)
32	4,350 (53.5)	3,770 (57)	3,200 (60)
34	3,950 (51)	3,600 (54.5)	3,120 (57)
36	3,600 (48)	3,450 (51.5)	3,030 (54)
38	3,300 (45)	3,330 (48.5)	2,970 (51)
40	3,040 (42)	3,080 (45.5)	2,910 (47.5)
42	2,800 (38.5)	2,840 (42)	2,850 (44)
44	2,590 (35)	2,620 (38.5)	2,680 (40)
46	2,400 (31)	2,430 (34.5)	2,480 (35.5)
48	2,230 (26)	2,250 (29.5)	
50	2,070 (20.5)	2,090 (23)	
52	1,930 (11.5)		
52.5	1,890 (6.5)		

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.

* Boom length noted represents range of similar lengths.

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

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LOAD CHART

41 ft Boom - Imperial 85%



18 ft –
41 ft



Stationary



Defined Arc
Over Front



Stationary



360°



Pick &
Carry



Over Front



Pounds

Radius in Feet	Defined Arc 8° Over Front	Stationary 360°
6	19,300	14,450
8	15,600	11,100
10	12,950	8,940
12	10,100	7,290
14	7,780	5,720
14.5	7,340	5,400
16	6,440	4,700
18	5,340	3,890
20	4,520	3,270
22	3,870	2,780
22.5	3,730	2,670
24	3,390	2,460
26	2,960	2,140
28	2,600	1,870
30	2,300	1,640
30.5	2,230	1,590
32	2,100	1,450
34	1,870	1,280
36	1,670	1,130
37.5	1,540	1,030

NOTES:

1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
2. Capacities are applicable to machines equipped with outrigger R4 385/65 D22.5 at 125 psi cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc – Over front includes 8° on either side of longitudinal centerline of machine.
5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
6. For pick and carry operation, the boom, using the shortest practical boom length, must be centered over front of machine. Maximum speed is 2.5 mph.
7. On rubber lifting with boom extension not permitted.

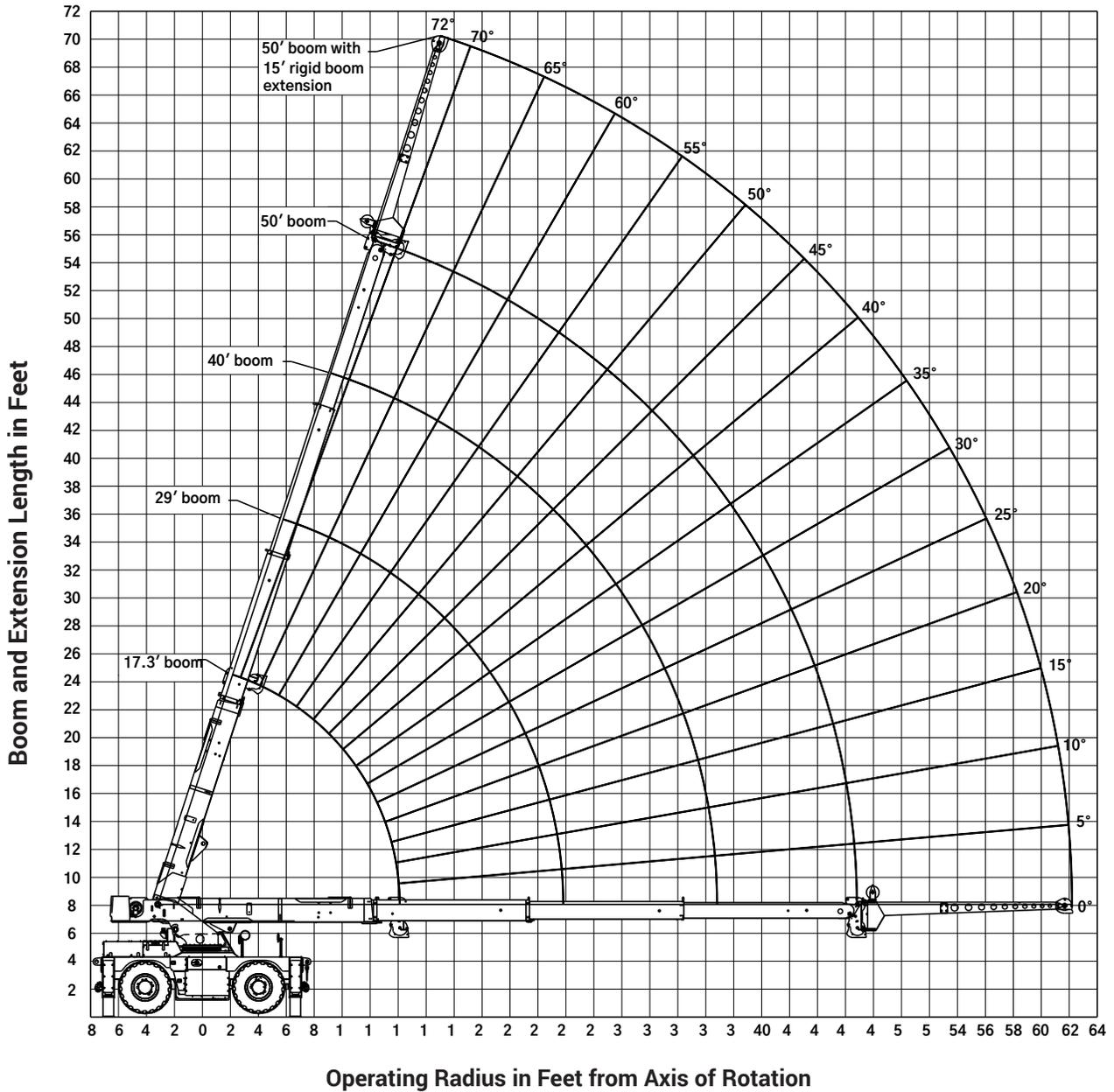
* Boom length noted represents range of similar lengths.

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WORKING RANGE

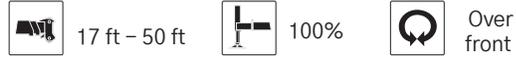
50 ft Boom - Imperial 85%



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

LOAD CHART

50 ft Boom - Imperial 85%



Pounds

Feet	Main Boom Length in Feet			
	17.3	29	40	50
6	30,000 (64.5)			
8	25,750 (56.5)			
10	21,250 (47)	6,950 (67)		
12	18,050 (35.5)	16,950 (62.5)		
14	13,100 (0)	15,700 (58)	14,950 (68.5)	
16		12,300 (53)	12,550 (65)	
18		10,050 (48)	10,200 (62)	10,150 (68.5)
20		8,470 (42.5)	8,550 (58.5)	8,500 (65.5)
22		7,240 (35)	7,300 (55)	7,260 (63)
24		6,290 (26)	6,330 (51.5)	6,300 (60.5)
25.5		5,700 (0)	5,730 (48.5)	5,710 (58.5)
26			5,550 (47.5)	5,530 (57.5)
28			4,910 (43)	4,900 (55)
30			4,380 (38.5)	4,370 (52)
32			3,920 (33)	3,930 (48.5)
34			3,530 (26)	3,550 (45.5)
36			3,190 (16.5)	3,220 (42)
36.5			3,110 (0)	3,140 (41)
38				2,930 (38)
40				2,670 (34)
42				2,440 (29)
44				2,230 (23)
46				2,040 (14)
46.5				2,000 (0)

Feet	Main Boom Length in Feet			
	17.3	29	40	50
6	30,000 (64.5)			
8	25,750 (56.5)			
10	21,250 (47)	16,950 (67)		
12	18,050 (35.5)	16,950 (62.5)		
14	13,100 (0)	16,400 (58)	14,950 (68.5)	
16		14,950 (53)	13,700 (65)	
18		13,550 (48)	12,500 (62)	12,150 (68.5)
20		11,200 (42.5)	10,850 (58.5)	10,900 (65.5)
22		9,480 (35)	9,220 (55)	9,250 (63)
24		8,140 (26)	7,970 (51.5)	7,980 (60.5)
25.5		7,150 (0)	7,210 (48.5)	7,210 (58.5)
26			6,980 (47.5)	6,980 (57.5)
28			6,180 (43)	6,170 (55)
30			5,520 (38.5)	5,500 (52)
32			4,970 (33)	4,940 (48.5)
34			4,490 (26)	4,460 (45.5)
36			4,070 (16.5)	4,050 (42)
36.5			3,980 (0)	3,960 (41)
38				3,690 (38)
40				3,380 (34)
42				3,090 (29)
44				2,840 (23)
46				2,610 (14)
46.5				2,560 (0)

*NOTE: () Boom angles are in degrees.

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

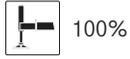
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane

LOAD CHART

50 ft Boom - Imperial 85%



15 ft



100%



360°



Pounds

Feet	15 ft Length		
	0° OFFSET	15° OFFSET	30° OFFSET
20	7,020 (71.5)		
22	6,200 (69.5)		
24	5,670 (67.5)	4,980 (71.5)	
26	5,250 (65.5)	4,680 (69)	3,720 (71.5)
28	5,000 (63.5)	4,520 (67)	3,600 (69.5)
30	4,660 (61.5)	4,210 (65)	3,500 (67.5)
32	4,180 (59.5)	3,940 (62.5)	3,410 (65.5)
34	3,770 (57.5)	3,800 (60.5)	3,320 (63)
36	3,420 (55)	3,490 (58.5)	3,230 (61)
38	3,110 (53)	3,150 (56)	3,160 (58.5)
40	2,830 (50.5)	2,860 (54)	2,970 (56)
42	2,590 (48)	2,600 (51.5)	2,690 (53.5)
44	2,370 (45.5)	2,360 (49)	2,450 (51)
46	2,180 (43)	2,150 (46)	2,230 (48.5)
48	2,000 (40)	1,960 (43.5)	2,030 (45.5)
50	1,840 (37)	1,790 (40.5)	1,850 (42)
52	1,690 (34)	1,630 (37)	1,680 (38.5)
54	1,560 (30.5)	1,480 (33.5)	1,530 (34.5)
56	1,430 (26.5)	1,350 (29.5)	1,390 (30)
58	1,320 (21.5)	1,230 (24)	
60	1,210 (15)	1,110 (17)	
61.5	1,140 (6)		

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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LOAD CHART

41 ft Boom - Imperial 85%



17 ft –
50 ft



Stationary



Defined Arc
Over Front



Stationary



360°



Pick &
Carry



Over Front



Pounds

Radius in Feet	Defined Arc 8° Over Front	Stationary 360°
6	16,000	12,000
8	13,600	9,900
10	11,700	8,490
12	9,820	7,220
14	7,410	5,540
16	6,520	4,650
18	5,340	3,800
20	4,460	3,160
22	3,770	2,650
24	3,220	2,240
25.5	2,870	1,980
26	2,850	1,960
28	2,470	1,720
30	2,140	1,470
32	1,870	1,260
34	1,620	1,080
36	1,410	910
36.5	1,360	880
38	1,320	780
40	1,150	650
42	1,000	540
44	870	430
46	750	340
46.5	720	320

NOTES:

1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
2. Capacities are applicable to machines equipped with outrigger R4 385/65 D22.5 at 125 psi cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc – Over front includes 8° on either side of longitudinal centerline of machine.
5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
6. For pick and carry operation, the boom, using the shortest practical boom length, must be centered over front of machine. Maximum speed is 2.5 mph.
7. On rubber lifting with boom extension not permitted.

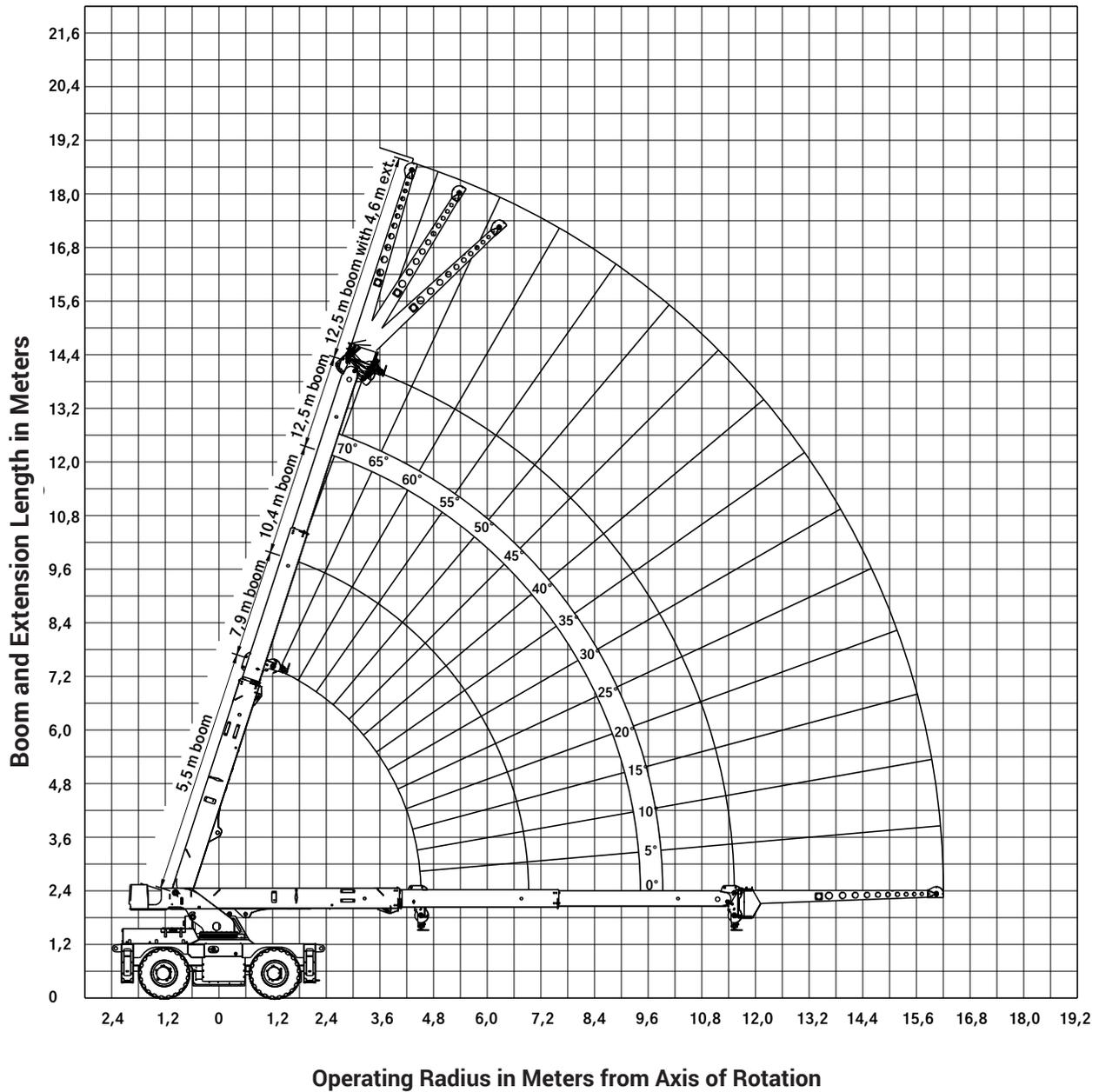
* Boom length noted represents range of similar lengths.

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WORKING RANGE

12,5 m Boom - Metric 85%



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LOAD CHART

12,5 m Boom - Metric 85%



5,5 m – 12,5 m



100%



360°



5,5 m – 12,5 m



100%



Over front



Kilograms

Meters	Main Boom Length in Meters			
	5,5	7,9	10,4	12,5
1,8	13 600 (66,5)			
2,4	12 300 (59)	8980 (70)		
3,0	10 875 (50,5)	8980 (65)		
3,7	9750 (38,5)	8595 (59)	7870 (67,5)	
4,3	7160 (23,5)	7300 (53,5)	6870 (63,5)	6145 (68,5)
4,4	6260 (0)	7000 (52,5)	6690 (63)	5985 (68)
4,9		5785 (47,5)	5750 (60)	5530 (65,5)
5,5		4760 (40,5)	4725 (55,5)	4885 (62,5)
6,1		4015 (32)	3985 (51,5)	4110 (59,5)
6,7		3455 (20)	3430 (46,5)	3525 (56)
6,9		3300 (0)	3275 (45)	3360 (55)
7,3			2995 (41,5)	3070 (52,5)
7,9			2640 (35,5)	2700 (49)
8,5			2350 (28,5)	2400 (45)
9,1			2105 (18,5)	2145 (40,5)
9,3			2035 (0)	2070 (39)
9,8				1895 (35)
10,4				1715 (29)
11,0				1560 (21)
11,4				1465 (0)

Meters	Main Boom Length in Meters			
	5,5	7,9	10,4	12,5
1,8	13 600 (66,5)			
2,4	12 300 (59)	8980 (70)		
3,0	10 875 (50,5)	8980 (65)		
3,7	9750 (38,5)	8595 (59)	7870 (67,5)	
4,3	8390 (23,5)	7575 (53,5)	6870 (63,5)	6145 (68,5)
4,4	6260 (0)	7370 (52,5)	6690 (63)	5985 (68)
4,9		6755 (47,5)	6165 (60)	5530 (65,5)
5,5		5980 (40,5)	5575 (55,5)	4990 (62,5)
6,1		5040 (32)	4950 (51,5)	4580 (59,5)
6,7		4345 (20)	4265 (46,5)	4225 (56)
6,9		4060 (0)	4075 (45)	4145 (55)
7,3			3735 (41,5)	3805 (52,5)
7,9			3315 (35,5)	3350 (49)
8,5			2970 (28,5)	2980 (45)
9,1			2685 (18,5)	2675 (40,5)
9,3			2600 (0)	2585 (39)
9,8				2380 (35)
10,4				2165 (29)
11,0				1975 (21)
11,4				1865 (0)

*NOTE: () Boom angles are in degrees.

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

12,5 m Boom - Metric 85%



4,6 m



100%



360°



Kilograms

Meters	4,6 m Length		
	0° OFFSET	15° OFFSET	30° OFFSET
5,5	3340 (70)		
6,1	3270 (68)		
6,7	3015 (66)	2170 (69,5)	
7,3	2730 (63,5)	2070 (67)	1655 (70)
7,9	2535 (61)	1945 (64,5)	1595 (67,5)
8,5	2400 (58,5)	1865 (62,5)	1545 (65)
9,1	2200 (56,5)	1765 (60)	1490 (62,5)
9,8	1955 (53,5)	1710 (57)	1450 (59,5)
10,4	1780 (50,5)	1630 (54,5)	1415 (57)
11,0	1630 (48)	1565 (51,5)	1370 (54)
11,6	1495 (45)	1510 (48,5)	1,345 (51)
12,2	1375 (42)	1395 (45,5)	1,320 (47,5)
12,8	1270 (38,5)	1285 (42)	1290 (44)
13,4	1175 (35)	1190 (38,5)	1,220 (40)
14,0	1090 (31)	1105 (34,5)	1125 (35,5)
14,6	1015 (26,5)	1025 (29,5)	
15,2	945 (21)	955 (23,5)	
15,8	880 (12,5)		
16,0	860 (6,5)		

NOTES:

1. 4,6 m 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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LOAD CHART

12,5 m Boom - Metric 85%



5,5 m –
12,5 m



Stationary



Defined Arc
Over Front



Stationary



360°



Pick &
Carry



Over Front



Kilograms

Radius in Meters	Defined Arc 8° Over Front	Stationary 360°
1,8	8765	6570
2,4	7075	5045
3,0	5870	4055
3,7	4495	3250
4,3	3485	2565
4,4	3355	2465
4,9	2900	2115
5,5	2415	1760
6,1	2045	1480
6,7	1760	1260
6,9	1675	1195
7,3	1540	1120
7,9	1350	975
8,5	1190	855
9,1	1050	755
9,3	1010	720
9,8	945	650
10,4	845	575
11,0	755	510
11,4	700	470

NOTES:

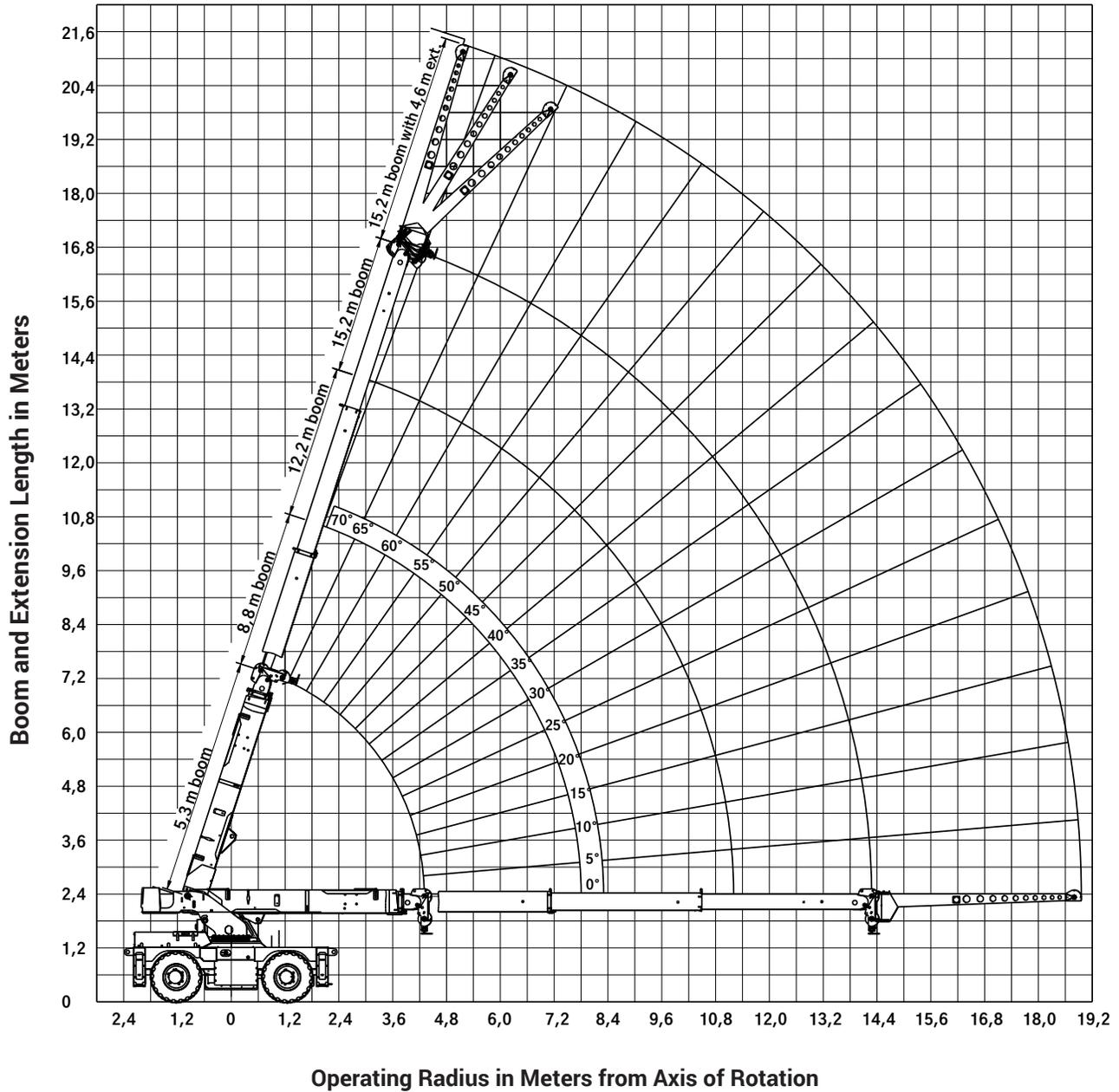
1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
2. Capacities are applicable to machines equipped with outrigger R4 385/65 D22.5 at 8,6 bar cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc – Over front includes 8° on either side of longitudinal centerline of machine.
5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
6. For pick and carry operation, the boom, using the shortest practical boom length, must be centered over front of machine. Maximum speed is 4,0 kmh.
7. On rubber lifting with boom extension not permitted.

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WORKING RANGE

15,2 m Boom - Metric 85%



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LOAD CHART

15,2 m Boom - Metric 85%



5,3 m – 15,2 m



100%



360°



5,3 m – 15,2 m



100%



Over front



Kilograms

Meters	Main Boom Length in Meters			
	5,3	8,8	12,2	15,2
1,8	13 600 (65)			
2,4	11 675 (57)			
3,0	9635 (48)	7685 (67,5)		
3,7	8040 (34,5)	7685 (62,5)		
4,3	5920 (0)	7030 (57,5)	6780 (68)	
4,9		5550 (52,5)	5645 (65)	
5,5		4550 (47,5)	4615 (62)	4585 (68)
6,1		3835 (42)	3875 (58,5)	3850 (65,5)
6,7		3290 (35)	3315 (55)	3300 (63)
7,3		2860 (26)	2880 (51,5)	2865 (60,5)
7,8		2570 (0)	2585 (48)	2575 (58)
7,9			2530 (47,5)	2520 (58)
8,5			2245 (43,5)	2235 (55)
9,1			2000 (39)	2000 (52)
9,8			1765 (32,5)	1770 (48,5)
10,4			1590 (25,5)	1600 (45)
11,0			1440 (15,5)	1455 (42)
11,1			1420 (0)	1430 (41)
11,6				1325 (38)
12,2				1210 (34)
12,8				1105 (29)
13,4				1015 (23)
14,0				930 (14,5)
14,2				905 (0)

Meters	Main Boom Length in Meters			
	5,3	8,8	12,2	15,2
1,8	13 600 (65)			
2,4	11 675 (57)			
3,0	9635 (48)	7685 (67,5)		
3,7	8185 (34,5)	7685 (62,5)		
4,3	5940 (0)	7435 (57,5)	6780 (68)	
4,9		6780 (52,5)	6210 (65)	
5,5		6140 (47,5)	5670 (62)	5510 (68)
6,1		5085 (42)	4920 (58,5)	4940 (65,5)
6,7		4305 (35)	4190 (55)	4200 (63)
7,3		3705 (26)	3630 (51,5)	3635 (60,5)
7,8		3240 (0)	3250 (48)	3250 (58)
7,9			3185 (47,5)	3185 (58)
8,5			2825 (43,5)	2820 (55)
9,1			2525 (39)	2515 (52)
9,8			2235 (32,5)	2225 (48,5)
10,4			2025 (25,5)	2015 (45)
11,0			1840 (15,5)	1830 (42)
11,1			1810 (0)	1800 (41)
11,6				1670 (38)
12,2				1530 (34)
12,8				1405 (29)
13,4				1290 (23)
14,0				1190 (14,5)
14,2				1155 (0)

*NOTE: () Boom angles are in degrees.

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LOAD CHART

15,2 m Boom - Metric 85%



4,6 m



100%



360°



Kilograms

Meters	4,6 m Length		
	0° OFFSET	15° OFFSET	30° OFFSET
6,1	3180 (71,5)		
6,7	2810 (69,5)		
7,3	2570 (67,5)	2255 (71)	
7,9	2380 (65,5)	2120 (69)	1685 (72)
8,5	2265 (63,5)	2050 (67)	1630 (70)
9,1	2130 (61,5)	1910 (65)	1585 (67,5)
9,8	1885 (59,5)	1785 (62,5)	1545 (65,5)
10,4	1700 (57)	1720 (60,5)	1505 (63)
11,0	1545 (55)	1575 (58,5)	1465 (61)
11,6	1405 (53)	1425 (56)	1430 (58,5)
12,2	1285 (50,5)	1295 (54)	1345 (56)
12,8	1175 (48)	1180 (51,5)	1220 (53,5)
13,4	1080 (45,5)	1075 (49)	1115 (51)
14,0	990 (43)	980 (46,5)	1015 (48,5)
14,6	910 (40,5)	895 (43,5)	925 (45,5)
15,2	840 (37,5)	815 (40,5)	845 (42,5)
15,8	770 (34)	745 (37,5)	770 (39)
16,5	700 (30)	670 (33)	690 (34,5)
17,1	645 (26)	610 (29)	630 (30)
17,7	595 (21,5)	555 (24)	
18,3	550 (15)	505 (17)	
18,7	520 (7,5)		

NOTES:

1. 4,6 m 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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LOAD CHART

15,2 m Boom - Metric 85%



5,3 m –
15,2 m



Stationary



Defined Arc
Over Front



Stationary



360°



Pick &
Carry



Over Front



Kilograms

Radius in Meters	Defined Arc 8° Over Front	Stationary 360°
1,8	7255	5445
2,4	6165	4490
3,0	5310	3850
3,7	4360	3210
4,3	3315	2480
4,9	2935	2095
5,5	2415	1715
6,1	2020	1430
6,7	1715	1205
7,3	1465	1020
7,8	1295	890
7,9	1285	880
8,5	1130	785
9,1	985	675
9,8	835	565
10,4	730	485
11,0	635	410
11,1	620	400
11,6	595	350
12,2	520	295
12,8	455	245
13,4	395	195
14,0	340	155
14,2	325	140

NOTES:

1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
2. Capacities are applicable to machines equipped with outrigger R4 385/65 D22.5 at 8,6 bar cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc – Over front includes 8° on either side of longitudinal centerline of machine.
5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
6. For pick and carry operation, the boom, using the shortest practical boom length, must be centered over front of machine. Maximum speed is 4,0 kmh.
7. On rubber lifting with boom extension not permitted.

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