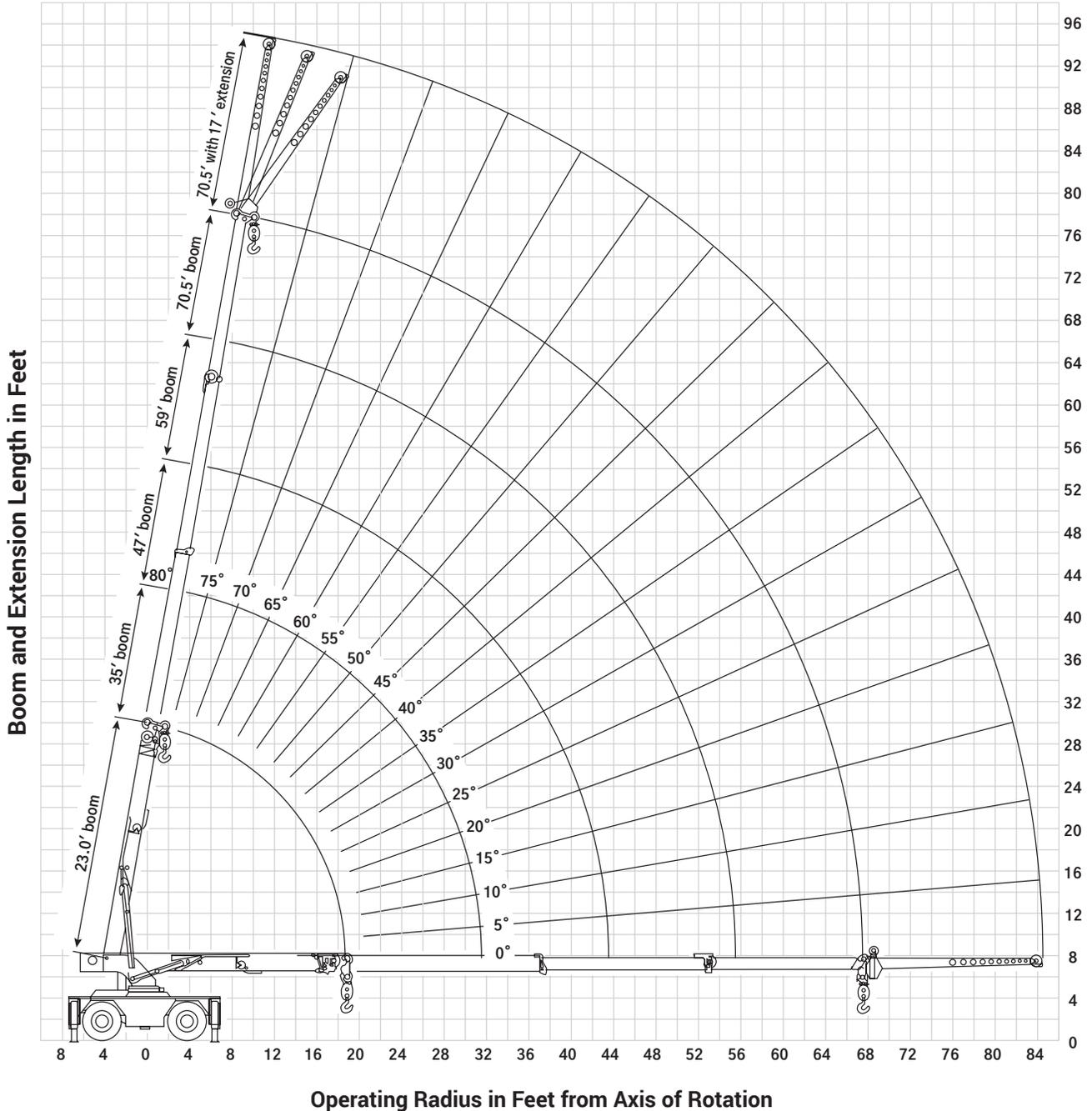


WORKING RANGE

Imperial 85%

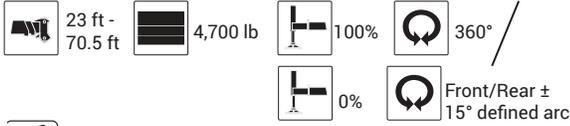


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LOAD CHART

Imperial 85%



Pounds

Feet	23	35	47	59	70.5
8.5	50,000 (64.5)	34,300 (73.5)	33,600 (78.5)		
10	38,750 (60)	34,500 (71)	33,000 (76.5)	27,800 (80)	
12	34,850 (54)	31,400 (67)	29,250 (74)	25,900 (78)	
14	31,250 (47)	28,450 (63.5)	26,350 (71)	24,100 (76)	18,200 (79)
16	26,700 (39)	26,050 (59.5)	24,000 (68.5)	22,400 (74)	16,750 (77.5)
18	23,150 (29)	23,500 (55.5)	22,100 (66)	20,750 (72)	15,500 (75.5)
19.5	21,000 (0)	21,350 (52)	20,900 (63.5)	19,550 (70.5)	14,650 (74.5)
22		18,450 (46)	18,600 (60)	17,850 (67.5)	13,400 (72)
24		16,650 (41)	16,750 (57)	16,300 (65)	12,500 (70.5)
26		14,600 (36)	14,850 (54)	14,200 (63)	11,750 (68.5)
28		12,750 (29)	13,050 (51)	13,150 (60.5)	11,050 (67)
30		11,250 (20)	11,600 (47.5)	11,700 (58.5)	9,800 (65.5)
31.5		10,300 (0)	10,650 (45)	10,750 (56.5)	9,400 (64)
34			9,350 (40)	9,480 (53.5)	8,850 (61.5)
36			8,460 (36)	8,590 (51)	8,400 (60)
38			7,680 (31)	7,830 (48.5)	7,940 (57)
40			7,000 (25)	7,150 (45.5)	7,270 (55)
42			6,400 (17.5)	6,550 (42.5)	6,680 (53)
43.5			6,000 (0)	6,000 (40.5)	6,270 (51.5)
46				5,440 (36)	5,680 (48.5)
48				5,040 (32.5)	5,250 (46.5)
50				4,680 (28)	4,860 (44)
52				4,350 (23)	4,510 (41.5)
54				4,040 (16)	4,190 (38.5)
55.5				3,820 (0)	3,960 (36.5)
58					3,620 (32.5)
60					3,370 (29)
62					3,130 (25)
64					2,920 (20)
66					2,720 (13)
67					2,620 (0)

Feet	23	35	47	59	70.5
8.5	26,350 (63.5)	24,000 (73)	21,900 (78)		
10	20,800 (59)	19,300 (70.5)	17,900 (76)	16,650 (79.5)	
12	16,000 (52.5)	15,100 (67)	14,200 (73.5)	13,350 (77.5)	
14	12,300 (45.5)	12,250 (63)	11,600 (71)	11,000 (75.5)	10,500 (79)
16	9,850 (37)	10,150 (59.5)	9,710 (68.5)	9,280 (73.5)	8,870 (77)
18	8,070 (26)	8,370 (55.5)	8,230 (65.5)	7,910 (71.5)	7,590 (75.5)
19.5	7,090 (0)	7,300 (52)	7,330 (63.5)	7,060 (70)	6,810 (74)
22		5,900 (46.5)	6,050 (60)	5,900 (67.5)	5,720 (72)
24		5,040 (41.5)	5,170 (57)	5,150 (65)	5,000 (70)
26		4,330 (36)	4,450 (54)	4,520 (63)	4,400 (68.5)
28		3,740 (29)	3,850 (51)	3,930 (60.5)	3,880 (66.5)
30		3,250 (20)	3,340 (47.5)	3,410 (58.5)	3,420 (65)
31.5		2,910 (0)	3,010 (45)	3,080 (56.5)	3,120 (63.5)
34			2,530 (40)	2,590 (53.5)	2,640 (61)
36			2,200 (36)	2,260 (51)	2,310 (59)
38			1,910 (31)	1,960 (48.5)	2,010 (57)
40			1,660 (25)	1,700 (45.5)	1,750 (55)
42			1,410 (17.5)	1,470 (42.5)	1,510 (53)
43.5			1,230 (0)	1,310 (40.5)	1,350 (51.5)
46				1,070 (36)	1,110 (48.5)
48				890 (32.5)	930 (46.5)
50				720 (28)	780 (44)
52				570 (23)	630 (41.5)
54				430 (16)	500 (38.5)
55.5				330 (0)	410 (36.5)
58					270 (32.5)

*NOTE: () Boom angles are in degrees.

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LOAD CHART

Imperial 85%



17 ft



4,700 lb



100%



360°



Pounds

Main Boom Angle (°)	15 ft Length				
	0° OFFSET		15° OFFSET		30° OFFSET
	Up to 59' boom length	Up to 70.5' boom length	Up to 59' boom length	Up to 70.5' boom length	Any boom length
80	--	--	5,000	5,000	3,500
75	7,500	--	4,400	4,400	3,100
70	6,100	--	3,900	3,900	2,800
65	5,000	4,600	3,500	3,500	2,550
60	4,300	3,800	3,150	3,150	2,350
55	3,800	3,300	2,850	2,850	2,200
50	3,400	2,900	2,600	2,600	2,100
45	3,050	2,600	2,400	2,400	2,000
40	2,800	2,400	2,250	2,250	1,950
35	2,600	2,150	2,150	2,050	1,900
30	2,400	1,930	2,080	1,850	1,830
25	2,300	1,750	2,050	1,720	--
20	2,200	1,600	2,000	1,590	--
15	2,100	1,500	1,950	1,520	--
10	2,050	1,460	--	--	--
5	2,020	1,450	--	--	--
0	2,000	1,440	--	--	--

NOTES:

1. 17 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

Imperial 85%



23 ft -
70.5 ft



4,700 lb



Stationary



Defined Arc
Over Front



Stationary



360°



Pick &
Carry



Over
Front



Pounds

Radius in Feet	Defined Arc 15° Over Front	Stationary 360°
6	30,000	21,000
8	24,900	17,900
10	21,000	15,900
12	18,000	13,000
14	15,650	10,000
16	13,300	7,920
18	10,900	6,410
20	9,460	5,780
22	8,060	4,880
24	6,960	4,140
26	6,050	3,520
28	3,500	2,990
30	4,670	2,540
32	4,130	2,160
34	3,670	1,820
36	3,260	1,530
38	2,900	1,270
40	2,590	1,040
42	2,300	830
44	2,280	720
46	2,050	610
48	1,840	500
50	1,650	390
52	1,480	280
54	1,320	--
56	1,220	--
58	1,080	--
60	950	--
62	840	--
64	730	--
66	620	--
67	570	--

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 17.5x25 at 110 psi cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc - Over front includes 15° 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.

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