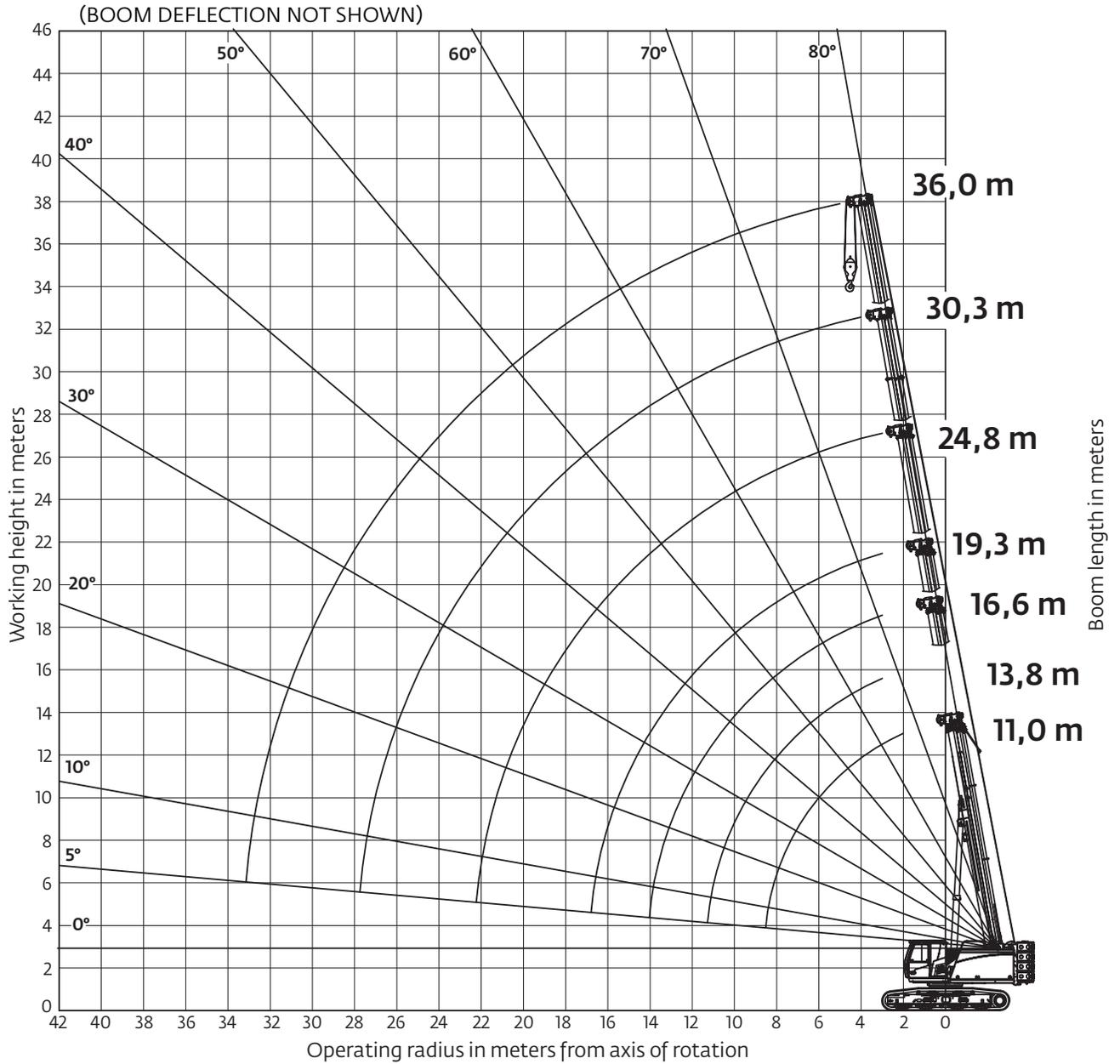


Working range

Main boom – metric 75%

Main boom



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Load chart

Main boom – metric 75%



36 m



17,8 t



100%



360°



Kilograms

Radius in meters	Main boom length in meters						
	11,0	13,8	16,6	19,3	24,8	30,3	36,0
2	70 000	—	—	—	—	—	—
2,5	69 500	—	—	—	—	—	—
3	67 200	61 000	44 000	37 800	22 500	—	—
4	56 000	53 600	37 700	32 600	22 500	21 000	—
5	44 900	44 500	32 900	28 500	22 500	20 100	14 500
6	37 300	36 900	29 100	25 100	22 100	18 400	14 500
7	31 400	30 800	26 100	22 500	19 800	16 900	14 200
8	25 500	25 000	23 600	20 300	17 900	15 400	13 400
9	—	20 800	20 500	18 400	16 400	14 100	12 600
10	—	17 600	17 400	16 800	15 000	12 900	11 800
12	—	—	13 100	13 000	12 800	11 000	10 200
14	—	—	—	10 200	10 700	9 500	8 700
16	—	—	—	8 100	8 600	8 300	7 500
18	—	—	—	—	7 100	7 300	6 500
20	—	—	—	—	5 900	6 200	5 800
22	—	—	—	—	—	5 200	5 200
24	—	—	—	—	—	4 400	4 700
26	—	—	—	—	—	3 700	4 000
28	—	—	—	—	—	—	3 400
30	—	—	—	—	—	—	2 800
32	—	—	—	—	—	—	2 400
When 8 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	479	382	317	269	209	171	149
Lifting capacities at 4° boom angle							
Boom angle	Main boom length in meters						
	11,0	13,8	16,6	19,3	24,8	30,3	36,0
4°	23 200 (8,5)	14 600 (11,3)	10 600 (14,1)	7 200 (16,8)	4 400 (22,3)	2 500 (27,8)	300 (33,3)

NOTE: () reference radii in meters.

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Load chart

Auxiliary boom nose – metric 75%



36 m



With auxiliary
boom nose



17,8 t



100%



360°



Kilograms

Radius in meters	Main boom length in meters						
	11,0	13,8	16,6	19,3	24,8	30,3	36,0
2	5000	5000	5000	5000	—	—	—
2,5	5000	5000	5000	5000	—	—	—
3	5000	5000	5000	5000	5000	—	—
4	5000	5000	5000	5000	5000	5000	—
5	5000	5000	5000	5000	5000	5000	5000
6	5000	5000	5000	5000	5000	5000	5000
7	5000	5000	5000	5000	5000	5000	5000
8	5000	5000	5000	5000	5000	5000	5000
9	—	5000	5000	5000	5000	5000	5000
10	—	5000	5000	5000	5000	5000	5000
12	—	—	5000	5000	5000	5000	5000
14	—	—	—	5000	5000	5000	5000
16	—	—	—	5000	5000	5000	5000
18	—	—	—	—	5000	5000	5000
20	—	—	—	—	5000	5000	5000
22	—	—	—	—	—	5000	4800
24	—	—	—	—	—	4300	4400
26	—	—	—	—	—	3600	3900
28	—	—	—	—	—	—	3300
30	—	—	—	—	—	—	2700
32	—	—	—	—	—	—	2300
When 8 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	479	382	317	269	209	171	149
Lifting capacities at 4° boom angle							
Boom angle	Main boom length in meters						
	11,0	13,8	16,6	19,3	24,8	30,3	36,0
4°	5000 (8,5)	5000 (11,3)	5000 (14,1)	5000 (16,8)	4200 (22,3)	2400 (27,8)	300 (33,3)

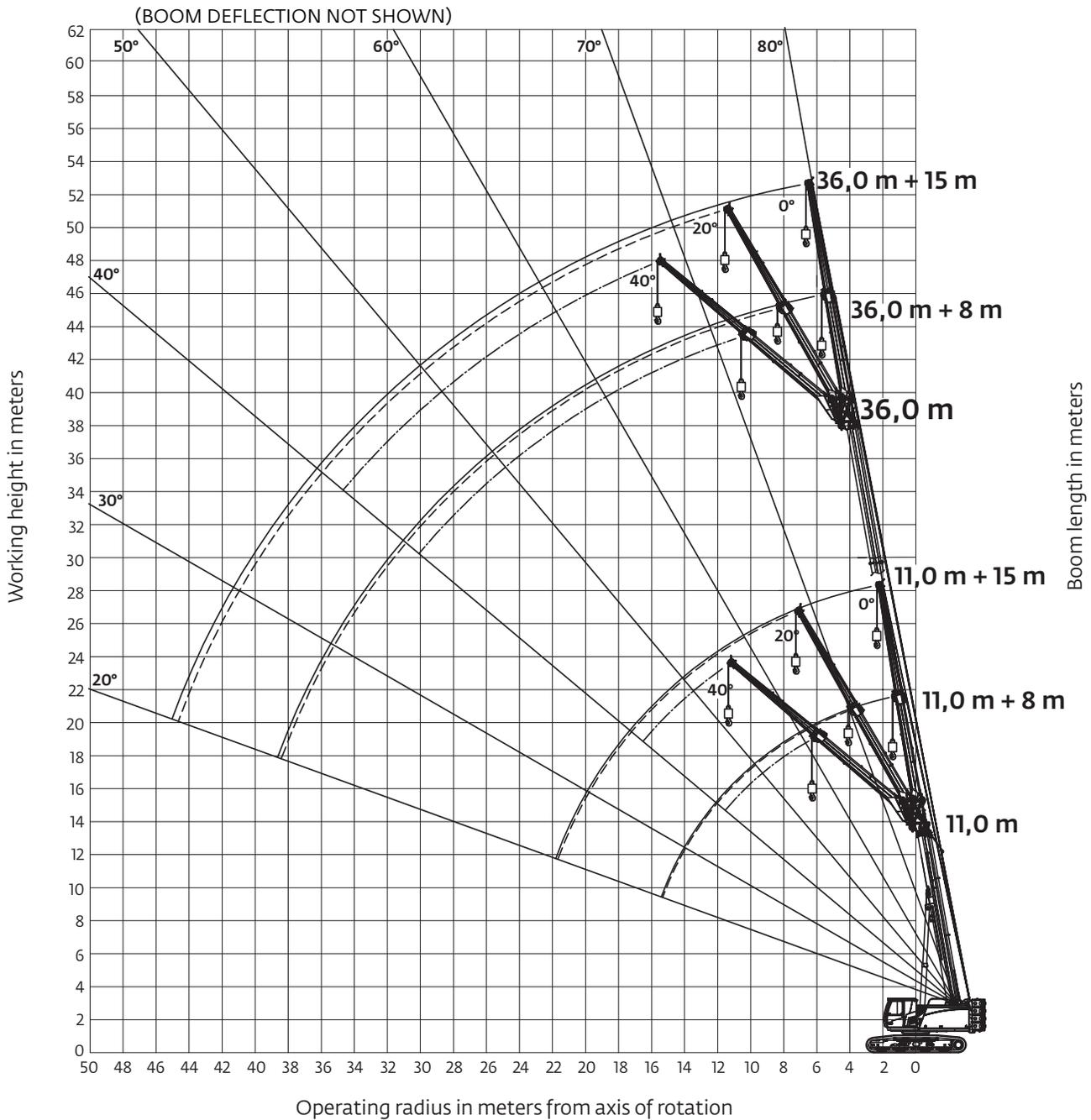
NOTE: () reference radii in meters.

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Working range

Extensions – metric 75%

Main boom with extensions



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Load chart

Extensions – metric 75%



36 m



8 m



17,8 t



100%



360°



Kilograms

Radius in meters	Main boom length in meters														
	11,0			19,3			24,8			30,3			36,0		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
2	10 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	10 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	9700	7700	—	10 000	—	—	—	—	—	—	—	—	—	—	—
5	9200	6900	—	9600	—	—	10 000	—	—	—	—	—	—	—	—
6	9000	6700	4100	9000	5900	—	9400	—	—	8100	—	—	—	—	—
7	7700	6200	3900	8500	5600	—	8500	5800	—	8000	—	—	6400	—	—
8	7200	5900	3700	7900	5300	—	8200	5500	—	7900	5600	—	6400	—	—
9	6700	5200	3600	7300	5000	3800	7800	5200	—	7800	5400	—	6400	—	—
10	6500	5000	3500	6800	4800	3700	7400	5000	3800	7600	5200	3800	6300	5100	—
11	5500	4700	3300	6500	4400	3500	6700	4600	3600	7200	4800	3600	6100	4800	3700
12	5200	4600	3200	5500	4200	3400	6400	4400	3500	6900	4700	3600	6000	4600	3600
13	4900	4500	3100	5200	4000	3300	6000	4200	3400	6700	4500	3500	5800	4500	3500
14	4700	4400	—	4900	3800	3200	5700	4100	3400	6400	4300	3400	5600	4400	3400
15	—	4300	—	4600	3700	3200	5300	4000	3300	6100	4200	3400	5400	4200	3300
16	—	3200	—	4400	3500	3100	5100	3900	3200	5900	4100	3300	5200	4200	3300
17	—	—	—	4200	3400	3100	4900	3800	3200	5600	4000	3300	5000	4100	3300
18	—	—	—	4000	3300	3100	4600	3700	3100	5300	3900	3300	4800	4000	3200
19	—	—	—	3900	3200	3000	4400	3600	3100	5100	3800	3200	4600	3900	3200
20	—	—	—	3700	3100	—	4200	3500	3100	4900	3700	3100	4300	3800	3200
21	—	—	—	3600	3100	—	4100	3400	3000	4700	3600	3100	4200	3700	3200
22	—	—	—	3400	3100	—	3900	3300	3000	4400	3500	3100	3900	3600	3100
23	—	—	—	3200	3000	—	3800	3200	2900	4300	3500	3000	3700	3500	3100
24	—	—	—	—	—	—	3700	3100	—	4100	3400	3000	3500	3300	3100
25	—	—	—	—	—	—	3600	3100	—	3700	3300	3000	3300	3200	3100
26	—	—	—	—	—	—	3300	3100	—	3400	3300	2900	3100	3000	3100
27	—	—	—	—	—	—	3000	3000	—	3100	3200	2800	3000	2700	3000
28	—	—	—	—	—	—	2700	—	—	2700	3100	—	2900	2600	2900
29	—	—	—	—	—	—	2400	—	—	2500	2800	—	2500	2400	2800
30	—	—	—	—	—	—	—	—	—	2200	2300	—	2200	2200	2400
32	—	—	—	—	—	—	—	—	—	1900	2000	—	1900	2000	—
34	—	—	—	—	—	—	—	—	—	—	—	—	1500	1600	—
36	—	—	—	—	—	—	—	—	—	—	—	—	1200	1300	—
38	—	—	—	—	—	—	—	—	—	—	—	—	900	—	—

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Load chart

Extensions – metric 75%



36 m



15 m



17,8 t



100%



360°



Kilograms

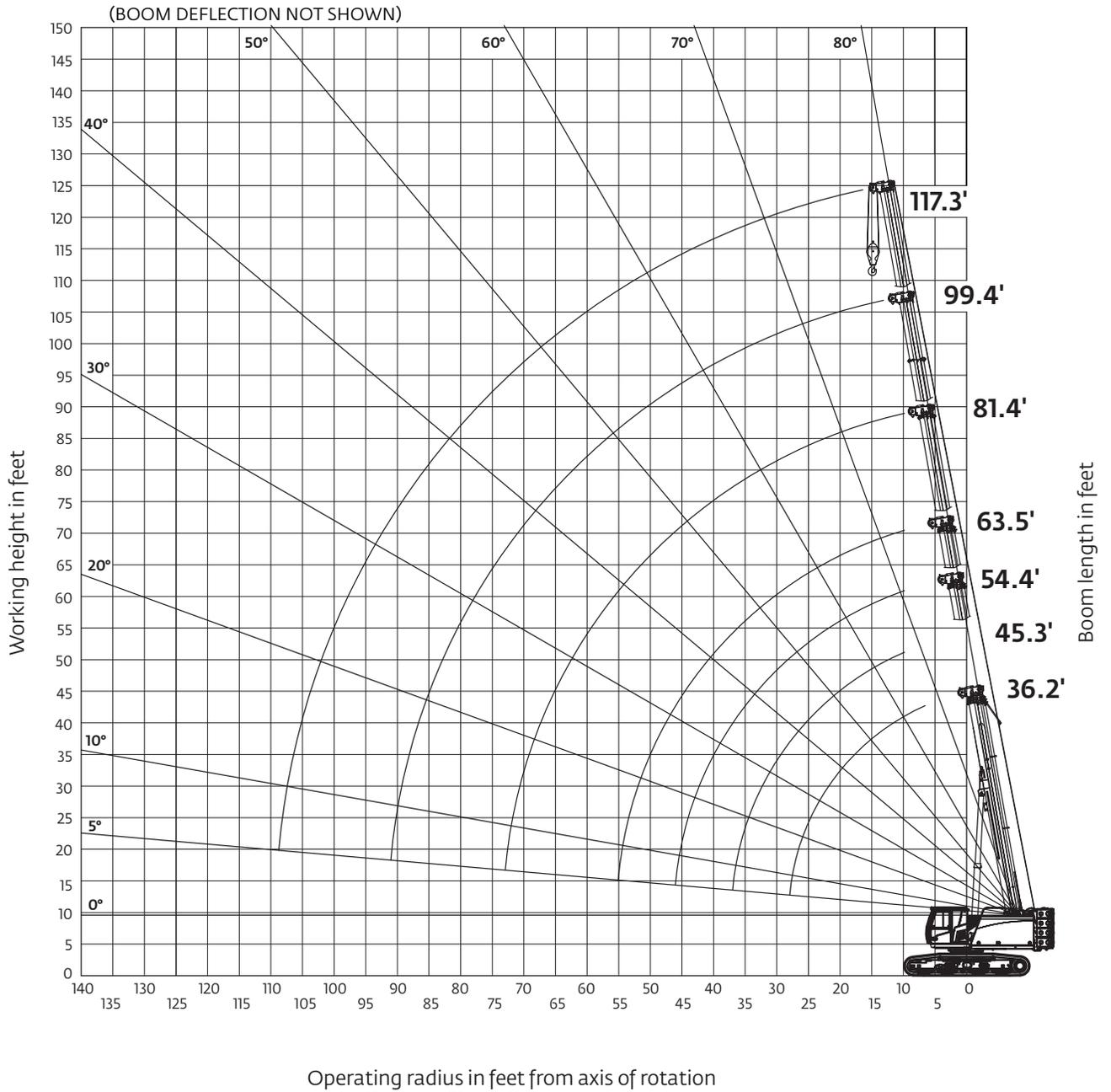
Radius in meters	Main boom length in meters														
	11,0			19,3			24,8			30,3			36,0		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
2	5000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	5000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	5000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	4800	—	—	4600	—	—	—	—	—	—	—	—	—	—	—
6	4500	—	—	4500	—	—	4300	—	—	—	—	—	—	—	—
7	4300	3600	—	4300	—	—	4300	—	—	3900	—	—	—	—	—
8	4100	3400	—	4200	—	—	4200	—	—	3900	—	—	3400	—	—
9	4000	3200	—	4000	—	—	4100	—	—	3800	—	—	3400	—	—
10	3600	3000	—	3800	2900	—	4000	2900	—	3700	—	—	3400	—	—
11	3400	2900	2300	3700	2800	—	3900	2800	—	3700	—	—	3300	—	—
12	3300	2800	2200	3500	2700	—	3700	2800	—	3600	2800	—	3300	2700	—
13	3100	2800	2100	3400	2600	—	3600	2700	—	3500	2700	—	3300	2700	—
14	3000	2800	2000	3200	2500	2000	3500	2600	2100	3400	2600	—	3200	2600	—
15	2900	2600	1900	3000	2400	1900	3300	2500	2000	3400	2500	—	3100	2600	—
16	2800	2500	1900	2900	2300	1900	3200	2400	2000	3300	2400	2000	3100	2500	2000
17	2700	2400	1800	2800	2300	1900	3000	2300	1900	3200	2400	2000	3000	2500	2000
18	2600	2300	1800	2600	2100	1900	2900	2300	1900	3100	2300	1900	3000	2400	1900
19	2600	2200	1800	2500	2100	1900	2800	2200	1900	3000	2200	1900	2900	2400	1900
20	2500	2200	1800	2400	2000	1800	2700	2100	1800	2900	2200	1900	2800	2300	1900
21	2400	2100	1800	2300	1900	1800	2600	2100	1800	2800	2100	1900	2800	2200	1900
22	2300	2100	—	2200	1900	1700	2500	2000	1800	2700	2100	1900	2700	2200	1900
23	—	—	—	2100	1800	1600	2400	2000	1800	2600	2000	1800	2600	2100	1800
24	—	—	—	2000	1800	1600	2300	1900	1700	2500	2000	1800	2600	2100	1800
25	—	—	—	2000	1800	1600	2200	1900	1700	2500	2000	1800	2500	2000	1800
26	—	—	—	1900	1700	1600	2200	1800	1700	2400	1900	1700	2500	2000	1800
27	—	—	—	1800	1700	—	2200	1800	1700	2300	1900	1700	2400	1900	1800
28	—	—	—	1800	1700	—	2100	1800	1700	2200	1900	1700	2400	1900	1800
29	—	—	—	1700	1700	—	2100	1800	1700	2200	1900	1700	2300	1900	1800
30	—	—	—	1700	1700	—	2000	1800	1700	2100	1800	1700	2300	1800	1700
32	—	—	—	—	—	—	2000	1700	—	2000	1800	1700	2200	1800	1700
34	—	—	—	—	—	—	1900	1700	—	1900	1800	1700	1900	1700	1700
36	—	—	—	—	—	—	1700	—	—	1600	1700	—	1600	1700	1600
38	—	—	—	—	—	—	—	—	—	1300	1500	—	1300	1600	1600
40	—	—	—	—	—	—	—	—	—	1000	1200	—	1000	1300	1000
42	—	—	—	—	—	—	—	—	—	—	—	—	800	1000	—
44	—	—	—	—	—	—	—	—	—	—	—	—	600	700	—

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Working range

Main boom – imperial 75%

Main boom



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Load chart

Main boom – imperial 75%



117.3 ft



39,245 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet						
	36.2	45.3	54.4	63.5	81.4	99.4	117.3
7	150,000	—	—	—	—	—	—
10	147,100	133,800	96,400	82,900	49,600	—	—
15	109,500	106,800	77,100	66,800	49,600	45,200	—
20	81,000	80,100	63,600	54,800	48,300	40,300	31,900
25	61,200	60,000	54,200	46,600	41,100	35,200	30,200
30	—	44,900	44,200	40,100	35,700	30,700	27,500
35	—	35,300	34,900	34,300	31,300	27,000	24,700
40	—	—	28,200	28,000	27,700	23,900	22,200
45	—	—	—	23,300	24,200	21,400	19,600
50	—	—	—	19,600	20,700	19,300	17,600
55	—	—	—	—	17,700	17,500	15,700
60	—	—	—	—	15,300	15,800	14,100
65	—	—	—	—	13,300	13,900	12,900
70	—	—	—	—	—	12,200	11,900
75	—	—	—	—	—	10,700	11,000
80	—	—	—	—	—	9400	10,100
85	—	—	—	—	—	8200	8900
90	—	—	—	—	—	—	7900
95	—	—	—	—	—	—	6900
100	—	—	—	—	—	—	6000
105	—	—	—	—	—	—	5300
When 26.2' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	1056	842	700	593	461	378	327
Lifting capacities at 4° boom angle							
Boom Angle	Main boom length in feet						
	36.2	45.3	54.4	63.5	81.4	99.4	117.3
4°	51,100 (27.9)	32,200 (37.1)	23,400 (46.3)	15,900 (55.1)	9700 (73.2)	5500 (91.2)	700 (109.3)

NOTE: () reference radii in meters.

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Load chart

Auxiliary boom nose – imperial 75%



117.3 ft



With auxiliary boom nose



39,245 lb



360°



100%



Pounds

Radius in feet	Main boom length in feet						
	36.2	45.3	54.4	63.5	81.4	99.4	117.3
7	11,000	—	—	—	—	—	—
10	11,000	11,000	11,000	11,000	11,000	—	—
15	11,000	11,000	11,000	11,000	11,000	11,000	—
20	11,000	11,000	11,000	11,000	11,000	11,000	11,000
25	11,000	11,000	11,000	11,000	11,000	11,000	11,000
30	—	11,000	11,000	11,000	11,000	11,000	11,000
35	—	11,000	11,000	11,000	11,000	11,000	11,000
40	—	—	11,000	11,000	11,000	11,000	11,000
45	—	—	—	11,000	11,000	11,000	11,000
50	—	—	—	11,000	11,000	11,000	11,000
55	—	—	—	—	11,000	11,000	11,000
60	—	—	—	—	11,000	11,000	11,000
65	—	—	—	—	11,000	11,000	11,000
70	—	—	—	—	—	11,000	10,900
75	—	—	—	—	—	10,400	10,200
80	—	—	—	—	—	9200	9500
85	—	—	—	—	—	8000	8700
90	—	—	—	—	—	—	7700
95	—	—	—	—	—	—	6600
100	—	—	—	—	—	—	5700
105	—	—	—	—	—	—	5100
When 26.2' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	1056	842	700	593	461	378	327
Lifting capacities at 4° boom angle							
Boom Angle	Main boom length in feet						
	36.2	45.3	54.4	63.5	81.4	99.4	117.3
4°	11,000 (27.9)	11,000 (37.1)	11,000 (46.3)	11,000 (55.1)	9300 (73.2)	5300 (91.2)	700 (109.3)

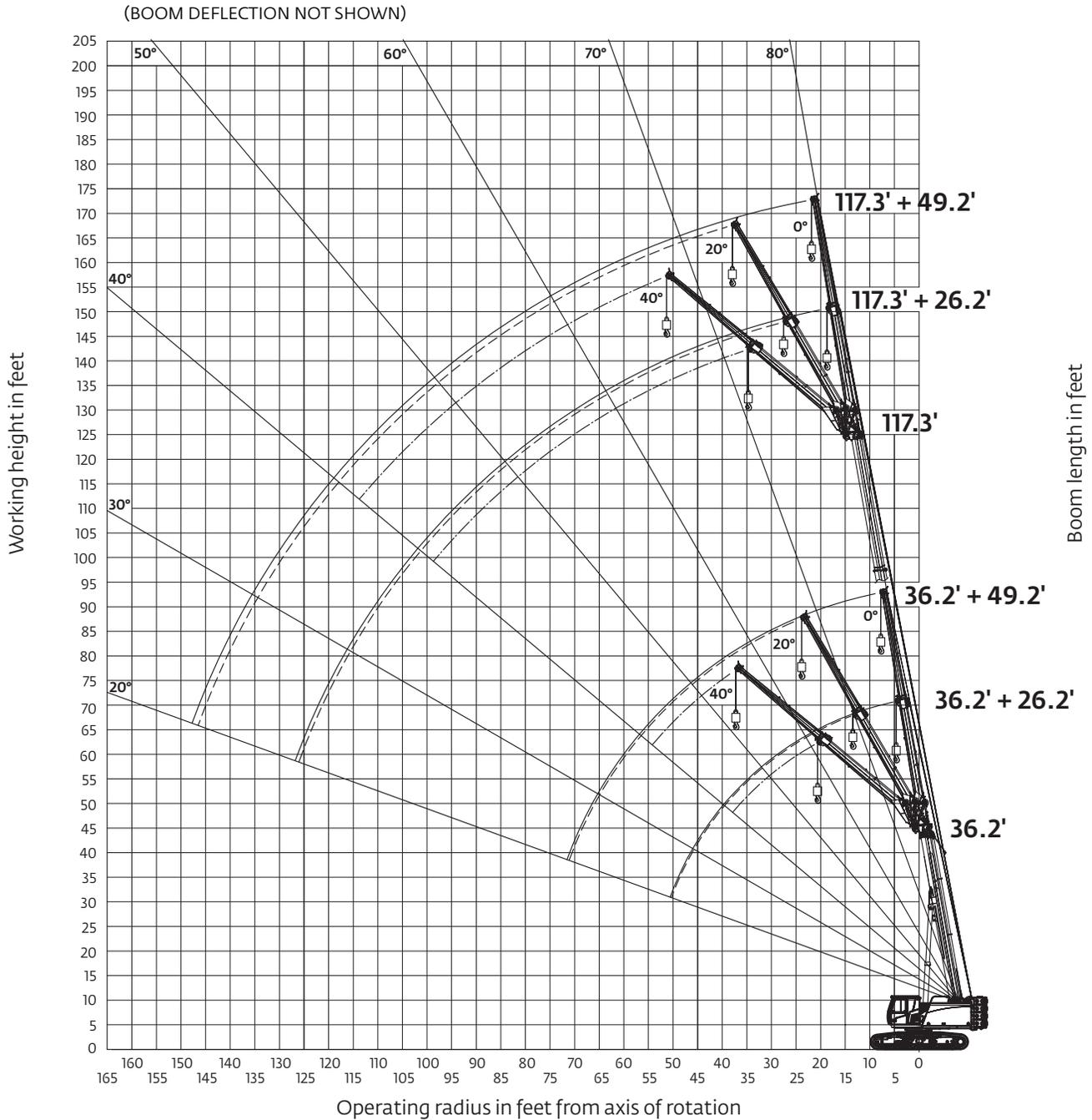
NOTE: () reference radii in meters.

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Working range

Extensions – imperial 75%

Main boom with extensions



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Load chart

Extensions – imperial 75%



117.3 ft



26 ft 3 in



39,245 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet														
	36.2			63.5			81.4			99.4			117.3		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	22,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	20,800	16,000	—	21,600	—	—	—	—	—	—	—	—	—	—	—
20	19,600	14,700	9000	19,800	13,000	—	20,500	—	—	17,900	—	—	—	—	—
25	16,300	13,300	8300	17,900	11,900	—	18,300	12,400	—	17,500	—	—	14,100	—	—
30	14,700	11,400	7900	15,900	11,000	8400	17,100	11,400	—	17,100	11,900	—	14,100	—	—
35	12,900	10,600	7400	14,600	10,000	7900	15,300	10,400	8100	16,200	10,900	8100	13,600	10,800	—
40	11,300	10,100	7000	12,000	9200	7500	14,000	9600	7700	15,100	10,300	7900	13,200	10,100	7900
45	10,500	9800	—	11,000	8500	7100	12,800	9100	7500	14,300	9600	7600	12,500	9800	7600
50	—	8900	—	10,000	8100	7000	11,600	8800	7200	13,400	9200	7400	11,800	9300	7300
55	—	—	—	9400	7600	6800	10,900	8400	7100	12,500	8900	7300	11,100	9100	7300
60	—	—	—	8800	7200	6800	10000	8100	6800	11,600	8500	7200	10 500	8800	7200
65	—	—	—	8200	6900	—	9300	7800	6800	10,900	8200	6900	9600	8400	7100
70	—	—	—	7800	6800	—	9000	7400	6600	10,100	7900	6800	9000	8100	7000
75	—	—	—	7100	6700	—	8600	7100	6400	9500	7700	6700	8200	7800	6800
80	—	—	—	—	—	—	8300	6800	—	8700	7400	6600	7600	7200	6800
85	—	—	—	—	—	—	8000	6800	—	8000	7300	6400	6900	6700	6800
90	—	—	—	—	—	—	7200	—	—	7100	7000	—	6400	5900	6500
95	—	—	—	—	—	—	6200	—	—	6400	6200	—	5500	5300	6200
100	—	—	—	—	—	—	—	—	—	5500	4900	—	4700	4700	—
105	—	—	—	—	—	—	—	—	—	4900	—	—	4400	4400	—
110	—	—	—	—	—	—	—	—	—	4200	—	—	3900	4100	—
115	—	—	—	—	—	—	—	—	—	—	—	—	3500	3700	—
120	—	—	—	—	—	—	—	—	—	—	—	—	3200	—	—

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Load chart

Extensions - imperial 75%



117.3 ft



49 ft 3 in



39,245 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet														
	36.2			63.5			81.4			99.4			117.3		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
15	10,800	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	9900	—	—	9500	—	—	9500	—	—	—	—	—	—	—	—
25	9200	7700	—	9400	—	—	9400	—	—	8600	—	—	—	—	—
30	8700	7000	—	9000	6400	—	9000	—	—	8400	—	—	7500	—	—
35	7600	6500	—	8700	6300	—	8700	6300	—	8200	—	—	7400	—	—
40	7200	6200	4800	8100	5900	—	8100	6100	—	7900	6100	—	7300	6000	—
45	6700	6200	4500	7800	5600	—	7800	5800	—	7600	5800	—	7100	5800	—
50	6300	5700	4200	7200	5200	4200	7200	5500	4400	7400	5500	—	6800	5700	—
55	6000	5300	4000	6700	5100	4200	6700	5100	4200	7100	5300	4400	6700	5500	4400
60	5700	5000	4000	6300	4600	4200	6300	5000	4200	6800	5000	4200	6600	5300	4200
65	5600	4900	4000	6000	4500	4000	6000	4700	4000	6400	4900	4200	6200	5100	4200
70	5200	4600	—	5700	4200	3900	5700	4600	4000	6100	4600	4200	6100	4900	4200
75	—	—	—	5300	4000	3600	5300	4400	4000	5800	4400	4000	5800	4700	4000
80	—	—	—	5000	4000	3500	5000	4200	3800	5500	4400	4000	5700	4500	4000
85	—	—	—	4900	3800	3300	4900	4000	3800	5300	4200	3800	5500	4400	4000
90	—	—	—	4800	3800	—	4800	4000	3800	5000	4200	3800	5300	4200	4000
95	—	—	—	4600	3800	—	4600	4000	3800	4900	4200	3800	5100	4200	4000
100	—	—	—	4400	—	—	4400	3900	—	4600	4000	3800	5000	4000	3800
105	—	—	—	4400	—	—	4400	3800	—	4400	4000	3800	4900	4000	3800
110	—	—	—	4200	—	—	4200	3800	—	4200	4000	3800	4300	3800	3800
115	—	—	—	—	—	—	—	—	—	3800	3900	—	4000	3800	3600
120	—	—	—	—	—	—	—	—	—	3500	3700	—	3600	3700	3500
125	—	—	—	—	—	—	—	—	—	3300	3500	—	3300	3500	—
130	—	—	—	—	—	—	—	—	—	3100	3400	—	3100	3400	—
135	—	—	—	—	—	—	—	—	—	—	—	—	3000	3200	—
140	—	—	—	—	—	—	—	—	—	—	—	—	2800	2900	—

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.