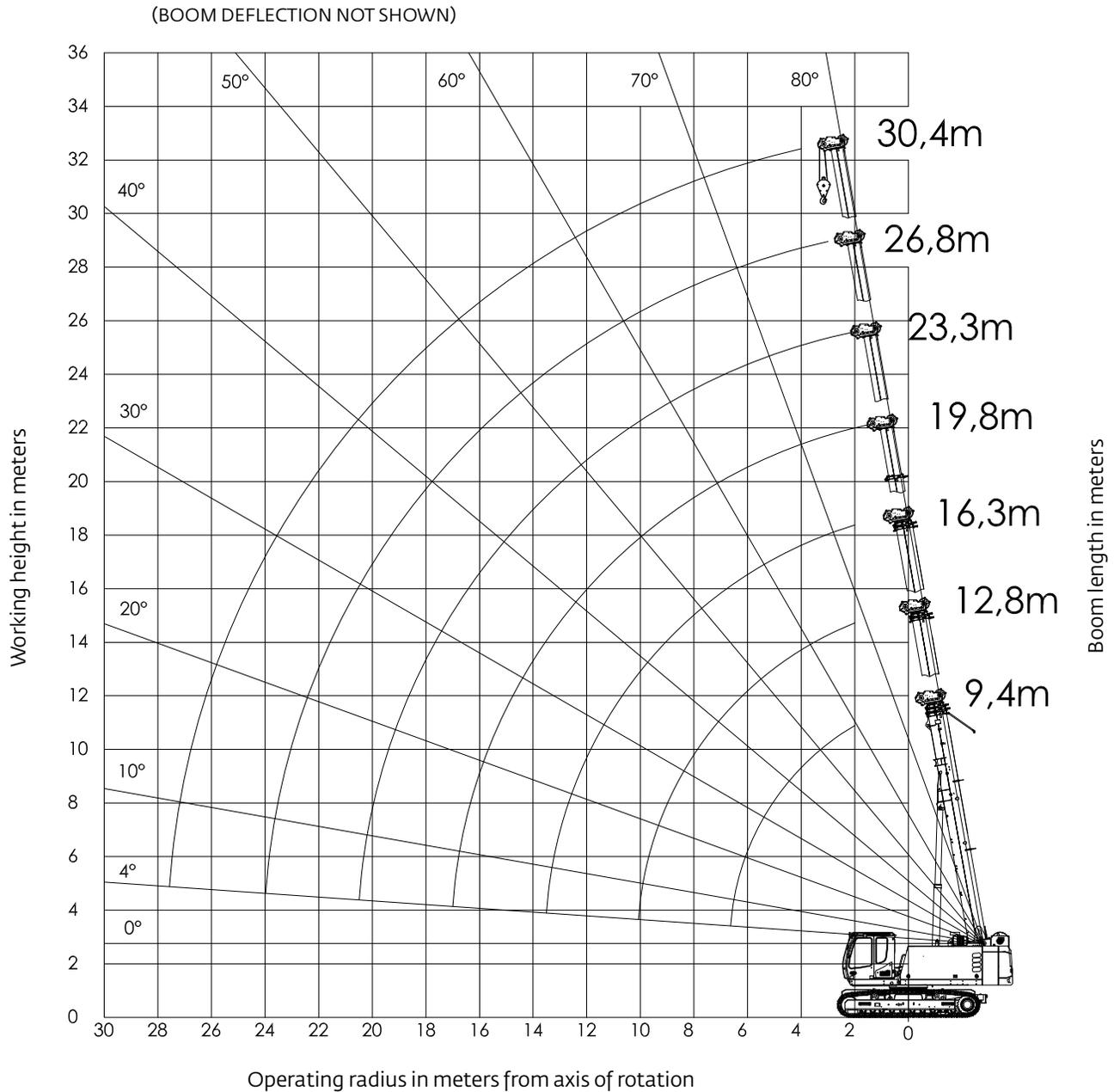


Working range

Main boom – metric 75%

Main boom



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Load chart

Main boom – metric 75%



30,4 m



8,9 t



100%



360°



Kilograms

Radius [m]	Main boom length [m]						
	9,4	12,8	16,3	19,8	23,3	26,8	30,4
2	50 000	31 000	28 000	15 600	14 500	–	–
3	45 000	31 000	25 000	15 600	14 500	12 700	–
4	38 000	31 000	22 000	15 600	14 500	12 600	9200
5	30 000	28 000	19 300	15 600	14 200	12 400	9200
6	22 000	22 500	16 900	14 900	13 600	11 900	9200
7	–	17 500	15 000	13 600	12 500	11 100	9100
8	–	14 200	13 500	12 200	11 200	10 300	8700
9	–	11 700	11 700	11 100	10 200	9400	8200
10	–	–	9900	10 100	9300	8600	7800
11	–	–	8500	8900	8500	8000	7300
12	–	–	7400	7700	7900	7300	6800
13	–	–	6400	6800	7100	6800	6400
14	–	–	–	6000	6200	6300	5900
15	–	–	–	5400	5600	5800	5600
16	–	–	–	4800	5000	5200	5200
17	–	–	–	–	4500	4700	4900
18	–	–	–	–	4100	4300	4400
19	–	–	–	–	3700	3900	4100
20	–	–	–	–	3300	3600	3700
21	–	–	–	–	–	3300	3400
22	–	–	–	–	–	3000	3100
23	–	–	–	–	–	2700	2900
24	–	–	–	–	–	–	2600
25	–	–	–	–	–	–	2400
26	–	–	–	–	–	–	2200
When 6,5 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	438	323	258	216	186	165	148
When 13 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	596	437	347	289	249	218	196
Lifting capacities at 4° boom angle							
Boom Angle	Main Boom Length in Meters						
	9.4	12.8	16.3	19.8	23.3	26.8	30.4
4°	18 900 (6,7)	9900 (10)	6200 (13,5)	4500 (17)	3300 (20,5)	2600 (24)	300 (27,5)

NOTE: () reference radii in meters.

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Load chart

Auxiliary boom nose – metric 75%



30,4 m



With
auxiliary
boom nose



8,9 t



100%



360°



Kilograms

Radius [m]	Main boom length [m]						
	9,4	12,8	16,3	19,8	23,3	26,8	30,4
2	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
11	—	5000	5000	5000	5000	5000	5000
12	—	—	5000	5000	5000	5000	5000
13	—	—	5000	5000	5000	5000	5000
14	—	—	—	5000	5000	5000	5000
15	—	—	—	5000	5000	5000	4900
16	—	—	—	4700	4900	4900	4600
17	—	—	—	4200	4400	4600	4400
18	—	—	—	—	4000	4200	4300
19	—	—	—	—	3600	3800	3900
20	—	—	—	—	3200	3400	3600
21	—	—	—	—	—	3100	3200
22	—	—	—	—	—	2800	3000
23	—	—	—	—	—	2600	2700
24	—	—	—	—	—	2300	2500
25	—	—	—	—	—	—	2200
26	—	—	—	—	—	—	2000
When 6,5 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	438	323	258	216	186	165	148
When 13 m extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (kg)	596	437	347	289	249	218	196
Lifting capacities at 4° boom angle							
Boom Angle	Main Boom Length in Meters						
	9,4	12,8	16,3	19,8	23,3	26,8	30,4
4°	5000 (6,7)	5000 (10)	5000 (13,5)	4200 (17)	3100 (20,5)	2300 (24)	300 (27,5)

NOTE: () reference radii in meters.

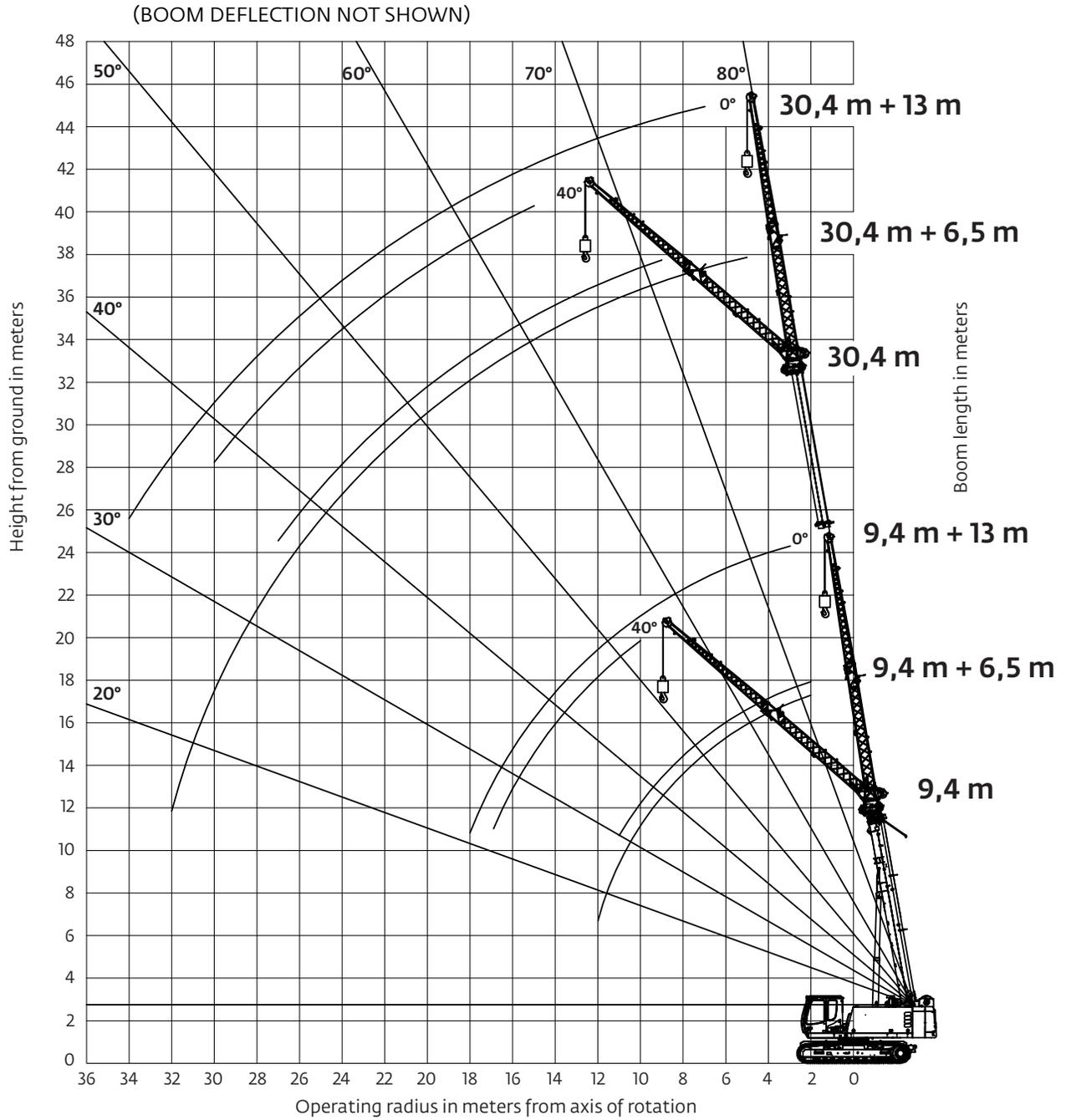
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Working range

Extensions – metric 75%

Main boom with extensions



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Load chart

Extensions – metric 75%



30,4 m



6,5 m



8,9 t



100%



360°



Kilograms

Radius [m]	Main boom length [m]							
	9,4		16,3		23,3		30,4	
	0°	40°	0°	40°	0°	40°	0°	40°
2	10 000	—	—	—	—	—	—	—
3	9900	—	10 000	—	9900	—	—	—
4	8600	—	9900	—	9400	—	—	—
5	7700	4600	9400	—	9000	—	4900	—
6	6900	4400	8700	4600	8500	—	4800	—
7	6300	4200	8000	4500	8000	4400	4800	—
8	5700	4000	7400	4300	7600	4300	4700	—
9	5200	3900	6900	4200	7200	4200	4700	4000
10	4800	3800	6400	4100	6800	4100	4700	4000
11	4500	3700	6000	4000	6500	4000	4700	3900
12	4100	—	5700	3900	6200	3900	4700	3800
13	—	—	5300	3800	5900	3900	4600	3800
14	—	—	5000	3800	5700	3800	4400	3700
15	—	—	4800	3700	5400	3700	4200	3700
16	—	—	4600	3700	5000	3700	4000	3600
17	—	—	4200	—	4600	3600	3800	3500
18	—	—	4000	—	4200	3600	3700	3400
19	—	—	—	—	3700	3600	3500	3300
20	—	—	—	—	3500	3500	3400	3200
21	—	—	—	—	3200	3300	3200	3100
22	—	—	—	—	2900	—	3000	3000
23	—	—	—	—	2600	—	2700	2800
24	—	—	—	—	2400	—	2400	2600
25	—	—	—	—	—	—	2200	2400
26	—	—	—	—	—	—	2000	2200
27	—	—	—	—	—	—	1800	2000
28	—	—	—	—	—	—	1700	—
29	—	—	—	—	—	—	1500	—
30	—	—	—	—	—	—	1400	—
31	—	—	—	—	—	—	1200	—
32	—	—	—	—	—	—	1100	—

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Load chart

Extensions – metric 75%



30,4 m



13 m



8,9 t



100%



360°



Kilograms

Radius [m]	Main boom length [m]							
	9,4		16,3		23,3		30,4	
	0°	40°	0°	40°	0°	40°	0°	40°
3	4600	—	—	—	—	—	—	—
4	4400	—	4600	—	—	—	—	—
5	4000	—	4400	—	3800	—	—	—
6	3700	—	4100	—	3700	—	—	—
7	3400	—	3800	—	3600	—	2100	—
8	3100	—	3600	—	3400	—	2100	—
9	2900	—	3400	—	3300	—	2100	—
10	2700	1800	3200	—	3100	—	2100	—
11	2500	1700	3000	—	3000	—	2100	—
12	2300	1700	2800	1700	2900	—	2100	—
13	2200	1700	2600	1700	2700	1700	2100	—
14	2000	1600	2500	1700	2600	1600	2100	—
15	1900	1600	2400	1600	2500	1600	2100	1500
16	1800	1500	2300	1600	2400	1600	2100	1500
17	1700	1500	2100	1500	2300	1500	2100	1500
18	1600	—	2000	1500	2200	1500	2100	1500
19	—	—	2000	1500	2100	1500	2000	1400
20	—	—	1900	1500	2100	1500	2000	1400
21	—	—	1800	—	2000	1400	1900	1400
22	—	—	1700	—	1900	1400	1900	1400
23	—	—	1600	—	1800	1400	1800	1400
24	—	—	1500	—	1800	1400	1800	1300
25	—	—	—	—	1700	1400	1700	1300
26	—	—	—	—	1700	1400	1700	1300
27	—	—	—	—	1600	—	1600	1300
28	—	—	—	—	1400	—	1600	1300
29	—	—	—	—	1300	—	1500	1300
30	—	—	—	—	—	—	1500	1100
31	—	—	—	—	—	—	1400	—
32	—	—	—	—	—	—	1200	—
34	—	—	—	—	—	—	1000	—
36	—	—	—	—	—	—	800	—

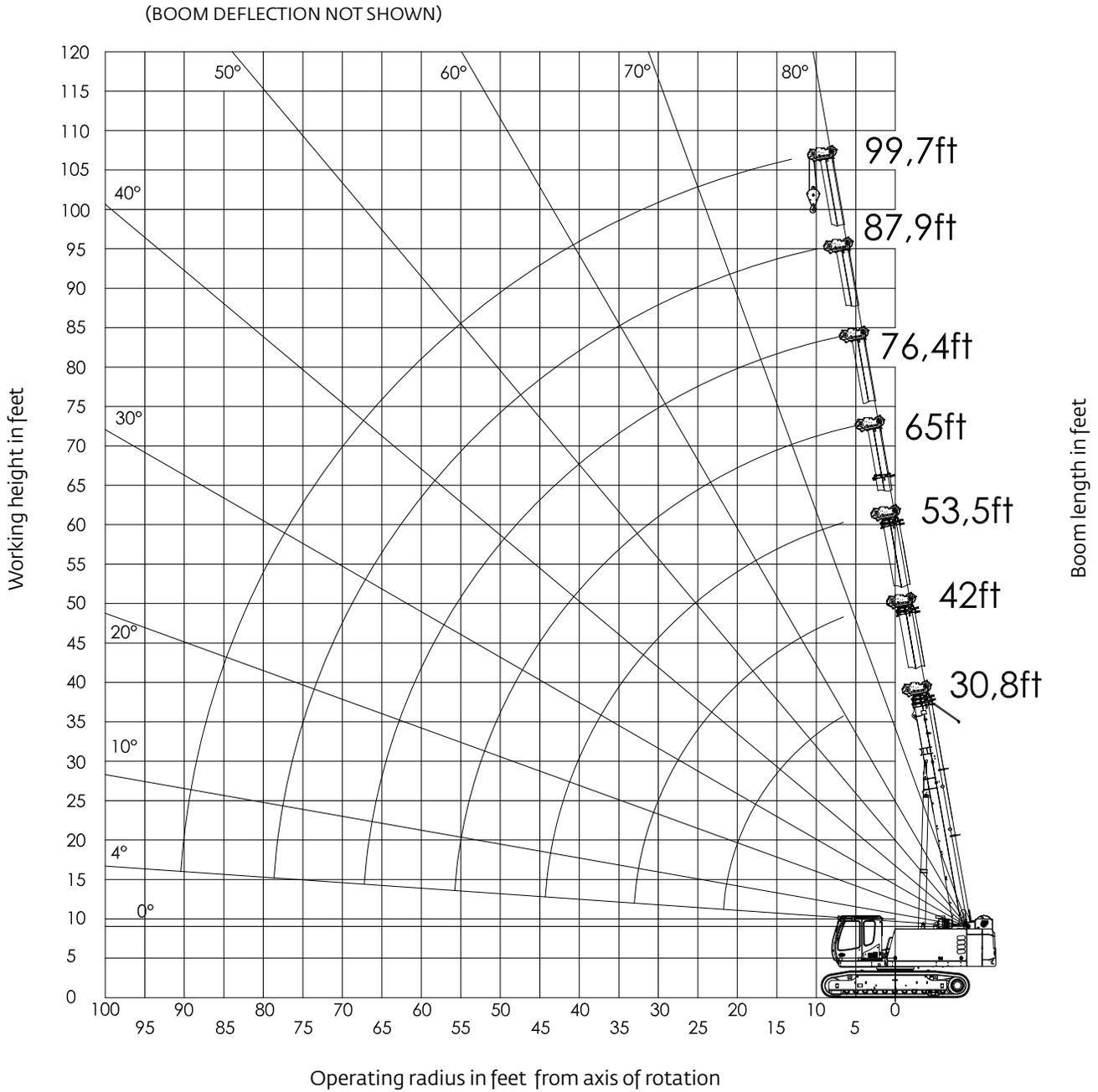
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Working range

Main boom – imperial 75%

Main boom



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Load chart

Main boom – imperial 75%



99 ft 9 in



19,621 lb



100%



360°



Pounds

Radius [ft]	Main boom length [ft]						
	30.8	42.0	53.5	65.0	76.4	87.9	99.7
7	110,300	68,400	61,800	34,400	32,000	—	—
10	98,500	68,400	54,800	34,400	32,000	28,000	—
15	73,700	64,600	45,100	34,400	31,600	27,500	20,300
20	—	48,600	36,900	32,600	29,800	26,100	20,300
25	—	34,100	31,000	28,100	25,800	23,400	19,500
30	—	—	25,200	24,200	22,200	20,500	18,000
35	—	—	19,800	20,500	19,300	18,100	16,500
40	—	—	15,900	16,600	17,100	15,900	14,800
45	—	—	—	13,700	14,200	14,200	13,300
50	—	—	—	11,600	12,000	12,500	12,100
55	—	—	—	—	10,200	10,600	11,000
60	—	—	—	—	8800	9200	9500
65	—	—	—	—	7400	8100	8300
70	—	—	—	—	—	7100	7300
75	—	—	—	—	—	6000	6500
80	—	—	—	—	—	—	5600
85	—	—	—	—	—	—	4900
When 21.3' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	966	711	568	476	411	363	326
When 42.7' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	1315	963	766	638	549	481	433
Lifting capacities at 4° boom angle							
Boom Angle	Main Boom Length in Feet						
	30.8	42.0	53.5	65.0	76.4	87.9	99.7
4°	41,700 (22.0)	21,800 (32.8)	13,700 (44.3)	9900 (55.8)	7300 (67.3)	5700 (78.7)	700 (90.2)

NOTE: () reference radii in meters.

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Load chart

Auxiliary boom nose – imperial 75%



99 ft 9 in

With auxiliary boom nose

19,621 lb

100%

360°



Pounds

Radius [ft]	Main boom length [ft]						
	30.8	42.0	53.5	65.0	76.4	87.9	99.7
7	11,000	11,000	11,000	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	—	—	—	10,900	11,000	11,000	10,700
55	—	—	—	9500	10,000	10,300	9800
60	—	—	—	—	8600	9000	9200
65	—	—	—	—	7200	7700	8100
70	—	—	—	—	—	6600	6900
75	—	—	—	—	—	5800	6000
80	—	—	—	—	—	—	5300
85	—	—	—	—	—	—	4500
When 21.3' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	966	711	568	476	411	363	326
When 42.7' extension is in stowed position, the rated loads must be reduced as follows:							
Reduction of load (lb)	1315	963	766	638	549	481	433
Lifting capacities at 4° boom angle							
Boom Angle	Main Boom Length in Feet						
	30.8	42.0	53.5	65.0	76.4	87.9	99.7
4°	11,000 (22.0)	11,000 (32.8)	11,000 (44.3)	9,300 (55.8)	6,800 (67.3)	5,100 (78.7)	700 (90.2)

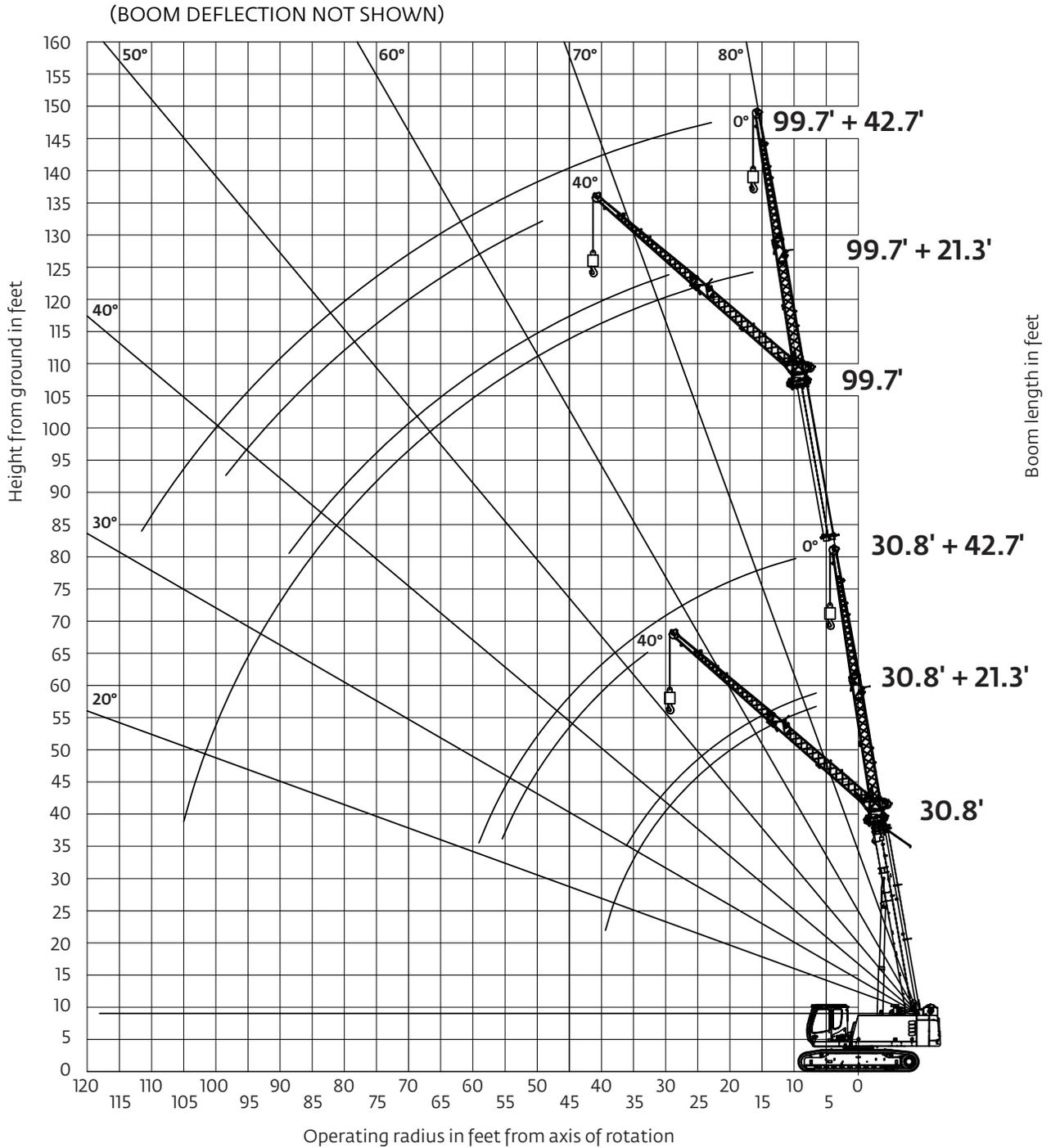
NOTE: () reference radii in meters.

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Working range

Extensions – imperial 75%

Main boom with extensions



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Load chart

Extensions – imperial 75%



99 ft 9 in



21 ft 4 in



19,621 lb



100%



360°



Pounds

Radius [ft]	Main boom length [ft]							
	30.8		53.5		76.4		99.7	
	0°	40°	0°	40°	0°	40°	0°	40°
7	22,100	–	–	–	–	–	–	–
10	21,700	–	22,000	–	21,800	–	–	–
15	17,900	–	21,100	–	20,200	–	–	–
20	15,100	9700	19,100	10,100	18,700	–	10,700	–
25	13,000	9100	16,800	9700	17,100	9600	10,500	–
30	11,400	8600	15,000	9200	15,700	9300	10,400	8800
35	10,200	8300	13,600	8900	14,600	9000	10,400	8700
40	–	–	12,300	8600	13,500	8700	10,300	8400
45	–	–	11,300	8300	12,700	8400	9800	8200
50	–	–	10,400	8200	11,800	8200	9100	8000
55	–	–	9500	–	10,400	8100	8500	7700
60	–	–	–	–	8900	7900	8000	7400
65	–	–	–	–	7800	7800	7500	7100
70	–	–	–	–	6800	–	7000	6800
75	–	–	–	–	5800	–	6000	6200
80	–	–	–	–	–	–	5100	5600
85	–	–	–	–	–	–	4500	4900
90	–	–	–	–	–	–	3900	–
95	–	–	–	–	–	–	3300	–
100	–	–	–	–	–	–	2900	–

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Working range

Extensions – imperial 75%



99 ft 9 in



42 ft 8 in



19,621 lb



100%



360°



Pounds

Radius [ft]	Main boom length [ft]							
	30.8		53.5		76.4		99.7	
	0°	40°	0°	40°	0°	40°	0°	40°
10	10,200	–	–	–	–	–	–	–
15	9100	–	9900	–	–	–	–	–
20	8000	–	9000	–	8100	–	–	–
25	7100	–	8100	–	7700	–	4600	–
30	6300	–	7400	–	7200	–	4600	–
35	5600	3900	6700	–	6700	–	4600	–
40	5000	3700	6100	3800	6200	–	4600	–
45	4600	3600	5600	3700	5800	3600	4600	–
50	4200	3400	5200	3500	5500	3500	4600	3300
55	3800	3300	4800	3400	5100	3400	4600	3300
60	–	–	4400	3300	4800	3300	4600	3200
65	–	–	4100	3200	4600	3200	4400	3100
70	–	–	3900	3100	4300	3200	4200	3100
75	–	–	3600	–	4100	3100	4000	3100
80	–	–	–	–	3900	3000	3900	2900
85	–	–	–	–	3800	3000	3800	2900
90	–	–	–	–	3400	–	3500	2900
95	–	–	–	–	3200	–	3400	2900
100	–	–	–	–	–	–	3300	2900
105	–	–	–	–	–	–	3100	–
110	–	–	–	–	–	–	2800	–
115	–	–	–	–	–	–	2400	–
120	–	–	–	–	–	–	2100	–
125	–	–	–	–	–	–	1900	–

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