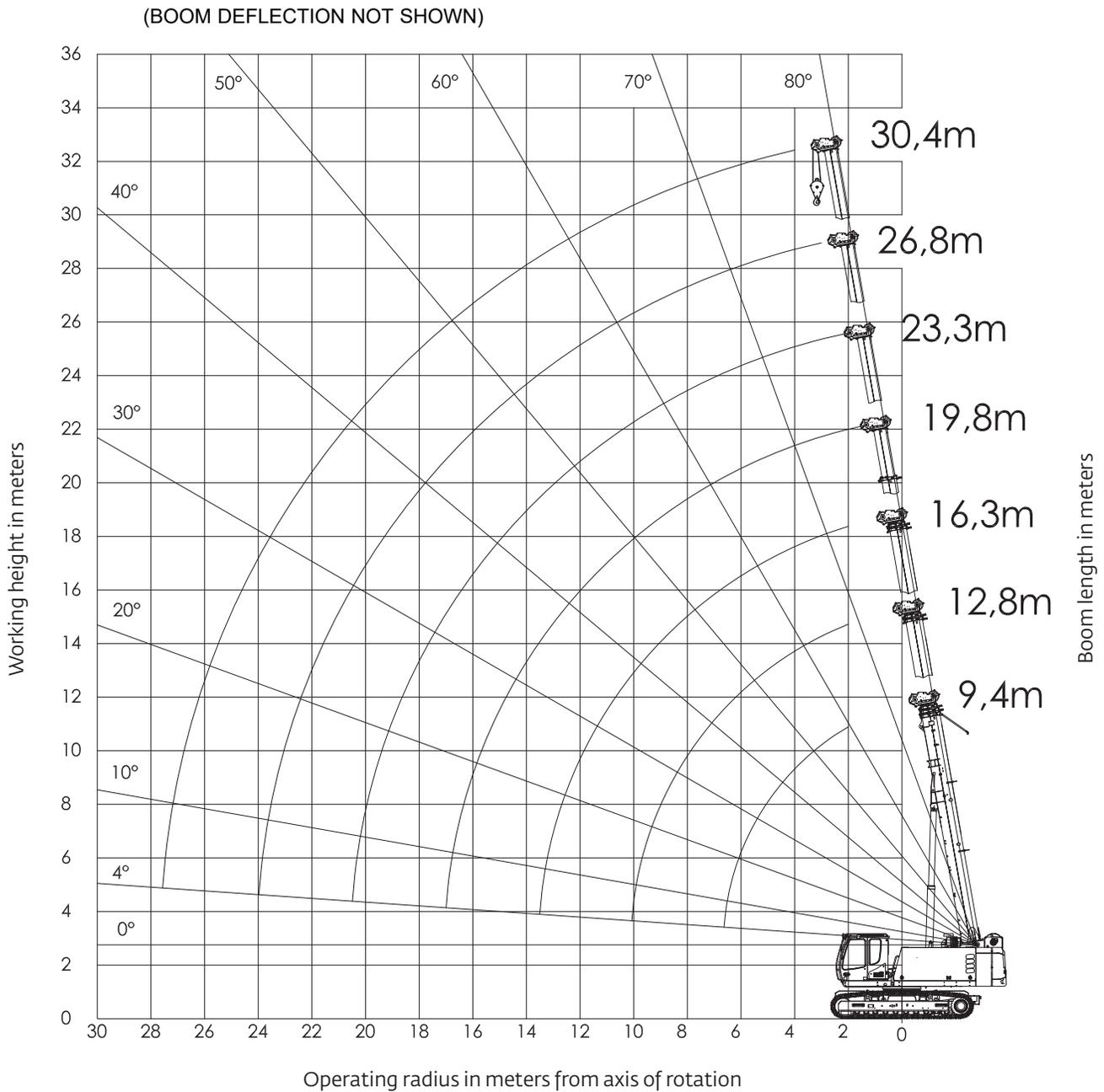


# Working range

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 in meters	Main boom length in meters						
	9.4	12.8	16.3	19.8	23.3	26.8	30.4
2	45 000	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	9 400	8200
10	—	—	9 900	10 100	9 300	8 600	7 800
11	—	—	8 500	8 900	8 500	8 000	7 300
12	—	—	7 400	7 700	7 900	7 300	6 800
13	—	—	6 400	6 800	7 100	6 800	6 400
14	—	—	—	6 000	6 200	6 300	5 900
15	—	—	—	5 400	5 600	5 800	5 600
16	—	—	—	4 800	5 000	5 200	5 200
17	—	—	—	—	4 500	4 700	4 900
18	—	—	—	—	4 100	4 300	4 400
19	—	—	—	—	3 700	3 900	4 100
20	—	—	—	—	3 300	3 600	3 700
21	—	—	—	—	—	3 300	3 400
22	—	—	—	—	—	3 000	3 100
23	—	—	—	—	—	2 700	2 900
24	—	—	—	—	—	—	2 600
25	—	—	—	—	—	—	2 400
26	—	—	—	—	—	—	2 200
<b>When 6.5 m extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (kg)	438	323	258	216	186	165	148
<b>When 13 m extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (kg)	596	437	347	289	249	218	196
<b>Lifting capacities at 4° boom angle</b>							
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)	9 900 (10)	6 200 (13.5)	4 500 (17)	3 300 (20.5)	2 600 (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 in meters	Main boom length in meters						
	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	—	—	—	400	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
<b>When 6.5 m extension is in stowed position, the rated loads must be reduced as follows:</b>							
<b>Reduction of load (kg)</b>	438	323	258	216	186	165	148
<b>When 13 m extension is in stowed position, the rated loads must be reduced as follows:</b>							
<b>Reduction of load (kg)</b>	596	437	347	289	249	218	196
<b>Lifting capacities at 4° boom angle</b>							
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.

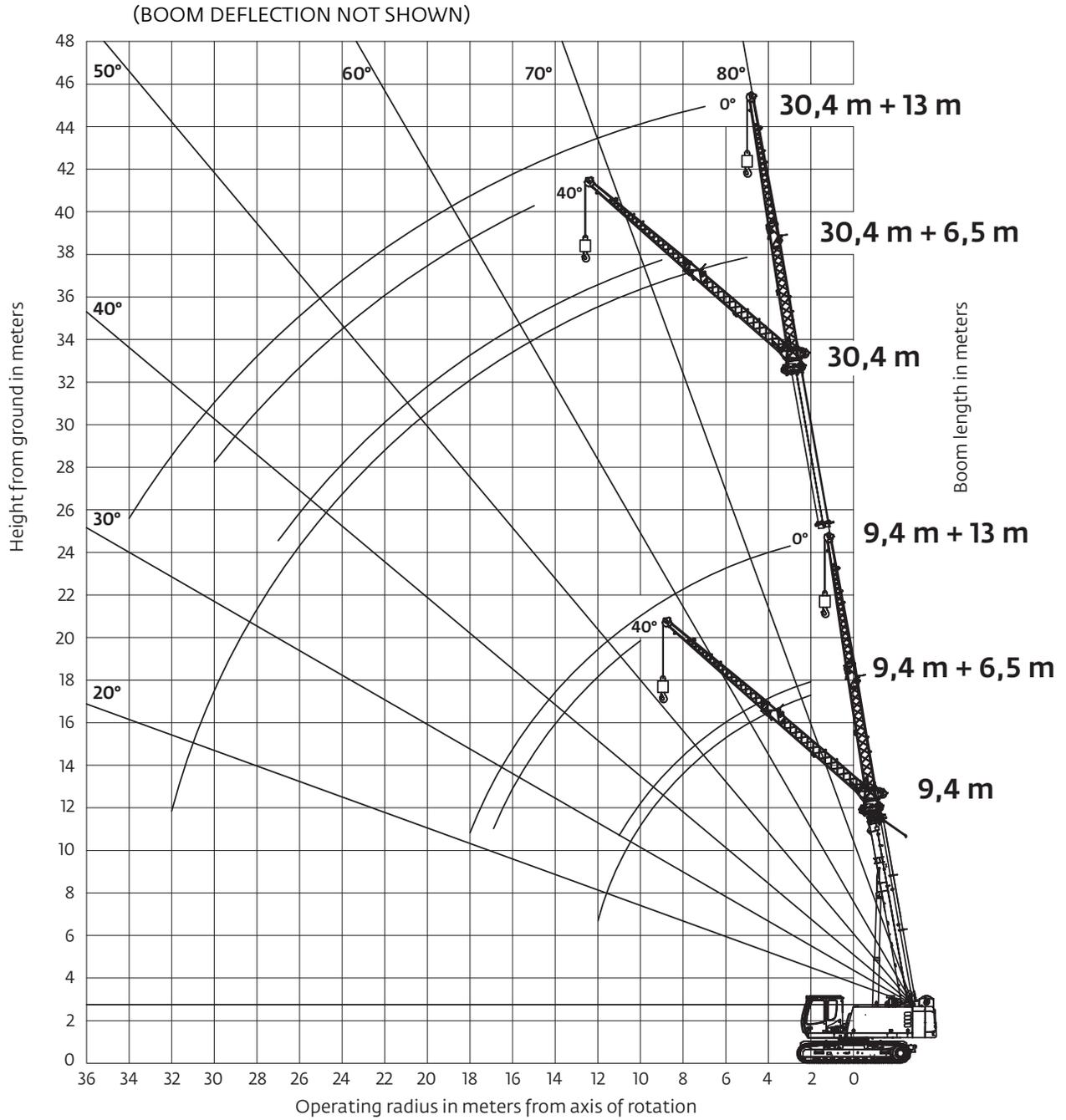
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# Working range

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 in meters	Main boom length in meters							
	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 in meters	Main boom length in meters							
	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	—

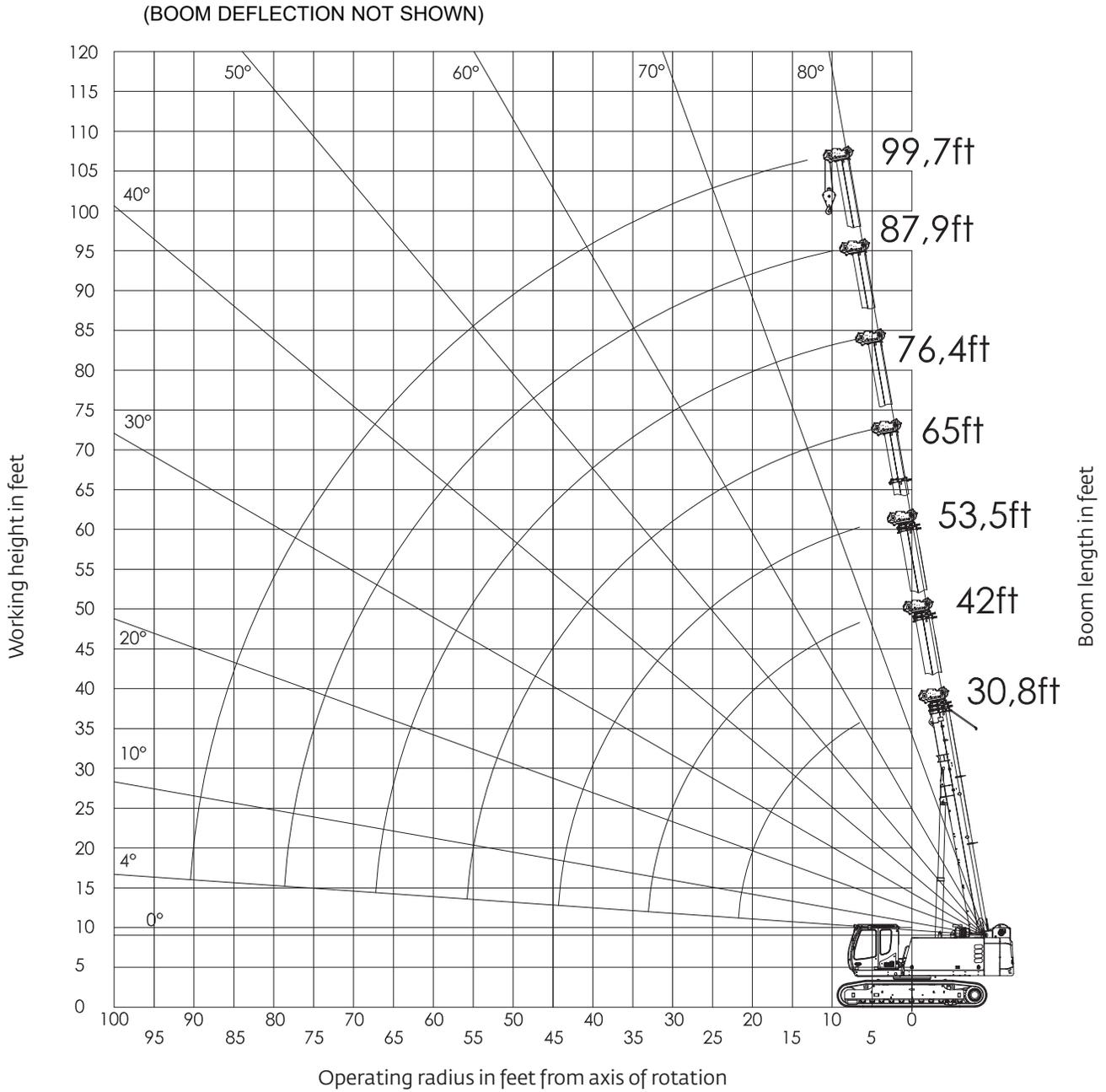
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# Working range

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 in feet	Main boom length in feet						
	30.8	42.0	53.5	65.0	76.4	87.9	99.7
7	100,000	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
<b>When 21.3' extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (lb)	966	711	568	476	411	363	326
<b>When 42.7' extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (lb)	1315	963	766	638	549	481	433
<b>Lifting capacities at 4° boom angle</b>							
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)	9,900 (55.8)	7,300 (67.3)	5,700 (78.7)	700 (90.2)

NOTE: ( ) reference radii in feet.

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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 in feet	Main boom length in feet						
	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
<b>When 21.3' extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (lb)	966	711	568	476	411	363	326
<b>When 42.7' extension is in stowed position, the rated loads must be reduced as follows:</b>							
Reduction of load (lb)	1315	963	766	638	549	481	433
<b>Lifting capacities at 4° boom angle</b>							
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)

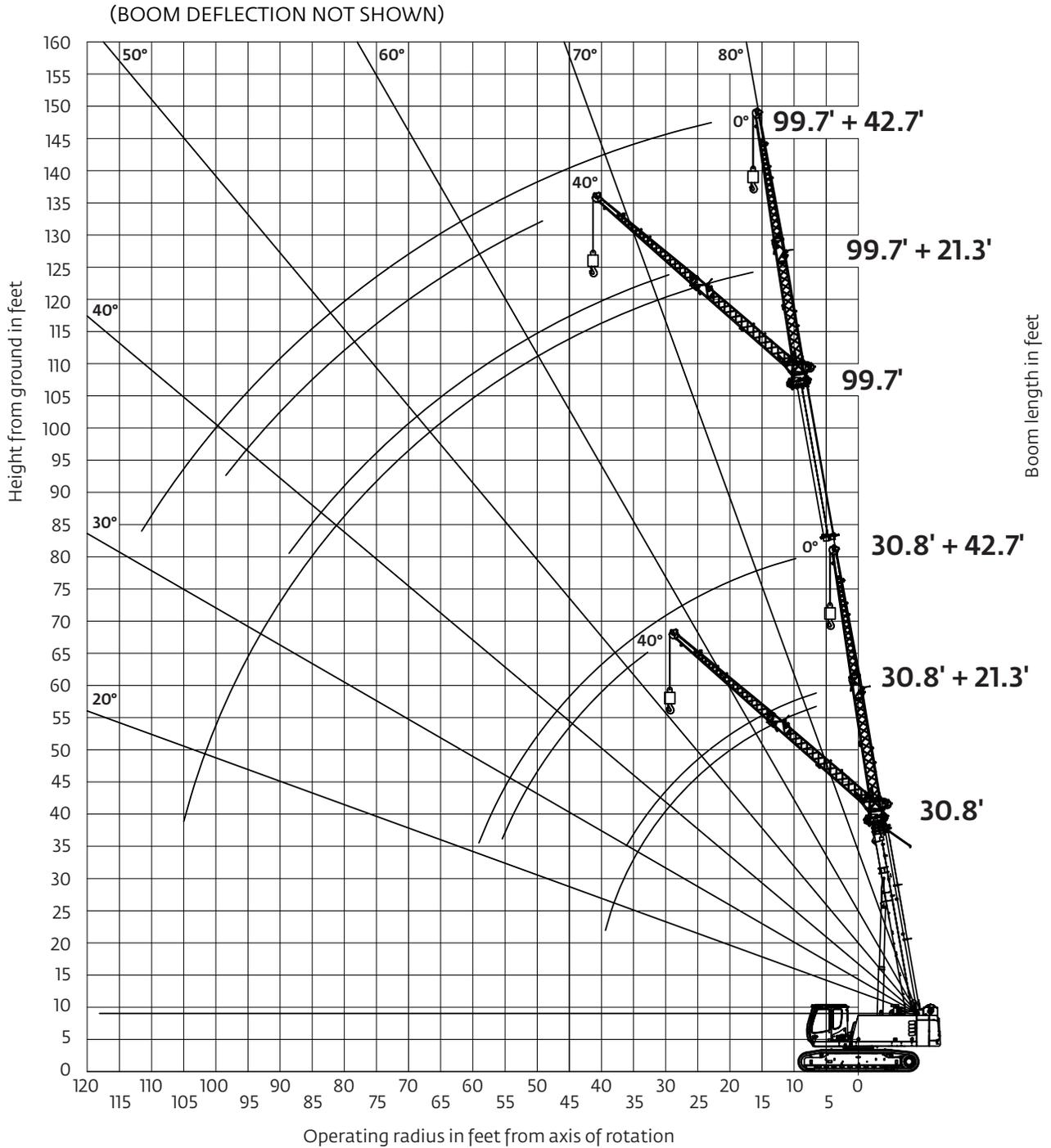
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# Working range

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 in feet	Main boom length in feet							
	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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# Load chart

Extensions – imperial 75%



99 ft 9 in



42 ft 8 in



19,621 lb



100%



360°



Pounds

Radius in feet	Main boom length in feet							
	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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