

Liftcrane Boom Capacities

Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

European Standards

14 m/s Maximum Wind thru 54,5 m Boom
12 m/s with 57,5 m and 60,5 m Boom
10 m/s with 63,5 m thru 87,5 m Boom
Conditions include jib when attached

15000 SERIES 3

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 5 670 kg minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 13 380 kg or 26 760 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

75,5 m thru 87,5 m boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. A07850** or **No. 81001545**, and Wire Rope Specification chart **No. 8608-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds stated in maximum wind speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load. Loads must be compensated for accordingly by reducing load ratings, reducing operating speeds, or by a combination of both. Recommend stopping operation and lowering boom and jib to no higher than 70 degree boom angle when wind exceeds conditions stated. Lower boom and jib to ground when wind is above 22 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level [up to 1 percent (0.5 degrees) grade] and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8615-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

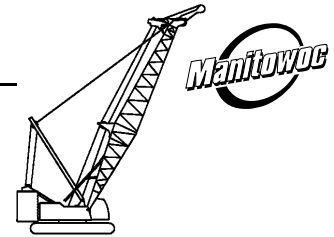
BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 99 740 kg crane counterweight and 36 290 kg carbody counterweight.

Maximum Wind Speeds		
Boom Lengths	Working Wind	Lower To Ground
21,5 m - 54,5 m	14 m/s	22 m/s
57,5 m - 60,5 m	12 m/s	22 m/s
63,5 m - 87,5 m	10 m/s	22 m/s
Wind speed to be measured at boom point elevation. Jib included when attached.		

Wire Rope Guard Roller Deduct

Deduct 180 kg from boom capacities when wire rope guard timbers are replaced with rollers.



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Maximum Boom and Jib Length Raising			
Over End of Blocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 87,5 m	—	78,5 m	—
84,5 m	—	75,5 m	12,2 m
8,5 m	15,2 m	72,5 m	18,3 m
78,5 m	24,4 m	69,5 m	24,4 m

Load block, hook and weight ball on ground at start. (a)
Upper boom point cannot be attached on 87,5 m boom.

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9,1 m	1 360 kg
12,2 m	1 720 kg
15,2 m	2 090 kg
18,3 m	2 490 kg
21,3 m	2 950 kg
24,4 m	3 400 kg

Consult jib chart for jib capacities.
Upper boom point must be removed when jib is attached.

Oper. Rad. Meters	Boom Capacity Kilograms
18.5m Boom	
4.6	250 000* ^{b 1}

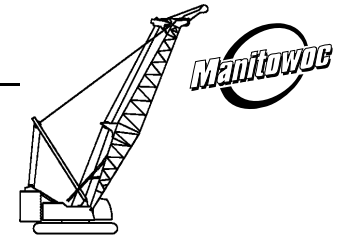
¹ Note: Special equipment required.

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
21.5m Boom			
4.9	82.9	23.7	226 700 * ^b
5.0	82.5	23.7	219 700 * ^b
5.5	81.2	23.6	198 100 * ^b
6.0	79.8	23.5	182 600 * ^b
7.0	77.1	23.3	157 700 * ^b
8.0	74.3	23.0	138 600 *
9.0	71.5	22.6	123 500 *
10.0	68.6	22.2	111 300 *
11.0	65.7	21.8	101 100 *
12.0	62.7	21.3	92 500 *
13.0	59.6	20.7	84 500
14.0	56.4	20.0	76 000
15.0	53.0	19.2	69 000
16.0	49.5	18.4	63 000
18.0	41.8	16.3	53 500
20.0	32.6	13.5	46 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
24.5m Boom			
5.2	83.0	26.7	209 000 * ^b
5.5	82.3	26.7	197 700 * ^b
6.0	81.1	26.6	182 200 * ^b
7.0	78.7	26.4	157 400 * ^b
8.0	76.3	26.1	138 300 *
9.0	73.8	25.8	123 200 *
10.0	71.4	25.5	110 900 *
11.0	68.9	25.1	100 800 *
12.0	66.3	24.6	92 200 *
13.0	63.7	24.1	84 500
14.0	61.0	23.6	75 900
15.0	58.2	23.0	68 900
16.0	55.4	22.3	63 000
18.0	49.4	20.6	53 500
20.0	42.7	18.6	46 200
22.0	34.9	15.9	40 400
24.0	25.1	12.2	35 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
27.5m Boom			
5.8	82.5	29.7	188 100 * ^b
6.0	82.1	29.6	182 000 * ^b
7.0	79.9	29.4	157 100 * ^b
8.0	77.8	29.2	138 100 *
9.0	75.7	29.0	122 900 *
10.0	73.5	28.6	110 700 *
11.0	71.3	28.3	100 500 *
12.0	69.0	27.9	92 000 *
13.0	66.8	27.5	84 400
14.0	64.5	27.0	75 900
15.0	62.1	26.5	68 800
16.0	59.7	25.9	62 900
18.0	54.6	24.5	53 400
20.0	49.2	22.9	46 100
22.0	43.3	20.9	40 400
24.0	36.6	18.3	35 700
26.0	28.6	15.0	31 800

Capacities indicated by (b) require 5 670 kg minimum weight.



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
30.5m Boom			
6.1	82.7	32.6	179 200 * b
7.0	80.9	32.5	157 000 * b
8.0	79.0	32.3	138 000 *
9.0	77.1	32.1	122 900 *
10.0	75.2	31.8	110 600 *
11.0	73.2	31.5	100 500
12.0	71.2	31.1	91 100
13.0	69.2	30.7	83 000
14.0	67.2	30.3	75 900
15.0	65.1	29.9	68 900
16.0	63.0	29.3	62 900
18.0	58.6	28.2	53 400
20.0	54.0	26.8	46 200
22.0	49.1	25.1	40 500
24.0	43.8	23.1	35 800
26.0	37.9	20.7	31 900
28.0	31.1	17.6	28 700
30.0	22.3	13.4	25 900
33.5m Boom			
6.7	82.3	35.6	163 300 *
7.0	81.8	35.5	157 000 *
8.0	80.0	35.4	137 700 *
9.0	78.3	35.1	122 600 *
10.0	76.5	34.9	109 500
11.0	74.7	34.6	98 200
12.0	73.0	34.3	89 000
13.0	71.1	34.0	81 200
14.0	69.3	33.6	74 500
15.0	67.5	33.2	68 700
16.0	65.6	32.7	63 000
18.0	61.7	31.7	53 300
20.0	57.7	30.4	46 000
22.0	53.5	29.0	40 300
24.0	49.0	27.3	35 600
26.0	44.2	25.4	31 800
28.0	39.0	23.0	28 500
30.0	33.0	20.1	25 700
32.0	25.7	16.4	23 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.5m Boom			
6.7	82.9	38.6	163 200 *
7.0	82.4	38.6	156 900 *
8.0	80.9	38.4	136 800
9.0	79.3	38.2	120 000
10.0	77.7	38.0	106 700
11.0	76.0	37.7	96 000
12.0	74.4	37.5	87 000
13.0	72.8	37.1	79 500
14.0	71.1	36.8	73 100
15.0	69.4	36.4	67 600
16.0	67.7	36.0	62 500
18.0	64.2	35.1	53 300
20.0	60.7	34.0	46 000
22.0	57.0	32.7	40 300
24.0	53.1	31.2	35 600
26.0	49.0	29.6	31 700
28.0	44.6	27.6	28 500
30.0	39.8	25.3	25 700
32.0	34.5	22.6	23 300
34.0	28.3	19.1	21 200
36.0	20.3	14.5	19 400
39.5m Boom			
7.3	82.6	41.6	146 200
8.0	81.6	41.5	132 800
9.0	80.1	41.3	116 800
10.0	78.6	41.1	104 200
11.0	77.1	40.8	93 800
12.0	75.6	40.6	85 200
13.0	74.1	40.3	77 900
14.0	72.6	40.0	71 700
15.0	71.0	39.6	66 300
16.0	69.5	39.2	61 600
18.0	66.3	38.4	53 200
20.0	63.1	37.4	45 900
22.0	59.8	36.3	40 200
24.0	56.3	35.0	35 500
26.0	52.7	33.5	31 700
28.0	48.9	31.8	28 400
30.0	44.9	29.9	25 600
32.0	40.5	27.6	23 300
34.0	35.7	25.0	21 200
36.0	30.2	21.8	19 300
38.0	23.6	17.6	17 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.5m Boom			
7.9	82.3	44.5	130 300
8.0	82.2	44.5	129 100
9.0	80.8	44.3	113 800
10.0	79.4	44.1	101 700
11.0	78.0	43.9	91 700
12.0	76.7	43.7	83 400
13.0	75.3	43.4	76 400
14.0	73.9	43.1	70 300
15.0	72.4	42.8	65 100
16.0	71.0	42.5	60 500
18.0	68.1	41.7	52 800
20.0	65.2	40.8	45 800
22.0	62.1	39.7	40 100
24.0	59.0	38.6	35 400
26.0	55.8	37.2	31 600
28.0	52.4	35.7	28 300
30.0	48.9	34.0	25 500
32.0	45.1	32.1	23 200
34.0	41.1	29.9	21 100
36.0	36.7	27.3	19 200
38.0	31.8	24.3	17 600
40.0	26.1	20.5	16 100
42.0	18.7	15.5	14 800
45.5m Boom			
7.9	82.8	47.5	126 500
8.0	82.7	47.5	125 300
9.0	81.4	47.4	110 800
10.0	80.1	47.2	99 200
11.0	78.8	47.0	89 600
12.0	77.6	46.8	81 500
13.0	76.3	46.5	74 700
14.0	75.0	46.2	68 900
15.0	73.6	45.9	63 700
16.0	72.3	45.6	59 300
18.0	69.6	44.9	51 800
20.0	66.9	44.1	45 600
22.0	64.1	43.1	39 800
24.0	61.3	42.0	35 200
26.0	58.3	40.8	31 300
28.0	55.3	39.5	28 100
30.0	52.1	38.0	25 300
32.0	48.8	36.3	22 900
34.0	45.3	34.4	20 900
36.0	41.6	32.2	19 000
38.0	37.6	29.7	17 400
40.0	33.1	26.8	15 900
42.0	28.1	23.3	14 600
44.0	21.9	18.8	13 400

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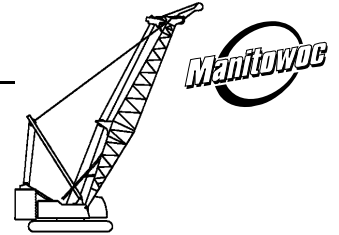
15000 SERIES 3

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.5m Boom			
8.5	82.5	50.5	114 000
9.0	81.9	50.4	108 100
10.0	80.7	50.2	96 800
11.0	79.5	50.0	87 600
12.0	78.3	49.8	79 800
13.0	77.1	49.6	73 200
14.0	75.9	49.3	67 500
15.0	74.7	49.1	62 600
16.0	73.4	48.8	58 200
18.0	71.0	48.1	50 900
20.0	68.4	47.3	45 000
22.0	65.8	46.5	39 800
24.0	63.2	45.5	35 000
26.0	60.5	44.4	31 200
28.0	57.7	43.1	27 900
30.0	54.9	41.7	25 200
32.0	51.9	40.2	22 800
34.0	48.8	38.5	20 700
36.0	45.5	36.6	18 900
38.0	42.0	34.5	17 300
40.0	38.3	32.0	15 800
42.0	34.2	29.2	14 500
44.0	29.7	25.9	13 300
46.0	24.3	21.8	12 200
51.5m Boom			
8.5	82.9	53.5	111 100
9.0	82.4	53.4	105 400
10.0	81.3	53.3	94 600
11.0	80.2	53.1	85 700
12.0	79.0	52.9	78 200
13.0	77.9	52.7	71 700
14.0	76.7	52.5	66 200
15.0	75.6	52.2	61 400
16.0	74.4	51.9	57 100
18.0	72.1	51.3	50 000
20.0	69.7	50.6	44 200
22.0	67.3	49.7	39 400
24.0	64.9	48.8	34 900
26.0	62.4	47.8	31 000
28.0	59.8	46.7	27 800
30.0	57.2	45.4	25 000
32.0	54.5	44.0	22 600
34.0	51.7	42.5	20 500
36.0	48.7	40.7	18 700
38.0	45.7	38.8	17 100
40.0	42.4	36.7	15 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.5m Boom			
42.0	39.0	34.3	14 300
44.0	35.2	31.6	13 200
46.0	31.0	28.5	12 100
48.0	26.3	24.7	11 100
50.0	20.5	19.9	10 200
54.5m Boom			
9.1	82.7	56.5	101 100
10.0	81.8	56.3	92 400
11.0	80.7	56.2	83 800
12.0	79.6	56.0	76 500
13.0	78.6	55.8	70 300
14.0	77.5	55.5	65 000
15.0	76.4	55.3	60 200
16.0	75.3	55.0	56 100
18.0	73.1	54.4	49 100
20.0	70.9	53.8	43 400
22.0	68.7	53.0	38 800
24.0	66.4	52.1	34 700
26.0	64.0	51.2	30 900
28.0	61.7	50.1	27 600
30.0	59.2	49.0	24 900
32.0	56.7	47.7	22 500
34.0	54.1	46.2	20 400
36.0	51.5	44.7	18 600
38.0	48.7	43.0	16 900
40.0	45.8	41.1	15 500
42.0	42.8	39.0	14 200
44.0	39.5	36.6	13 000
46.0	36.0	34.0	11 900
48.0	32.2	31.0	10 900
50.0	27.9	27.4	10 100
52.0	22.9	23.0	9 200
57.5m Boom			
9.8	82.5	59.4	92 500
10.0	82.2	59.4	90 300
11.0	81.2	59.2	81 900
12.0	80.2	59.0	74 900
13.0	79.2	58.8	68 900
14.0	78.2	58.6	63 600
15.0	77.1	58.4	59 000
16.0	76.1	58.1	55 000
18.0	74.0	57.6	48 100
20.0	71.9	56.9	42 600
22.0	69.8	56.2	38 000
24.0	67.7	55.4	34 100
26.0	65.5	54.5	30 600
28.0	63.3	53.5	27 300
30.0	61.0	52.4	24 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.5m Boom			
32.0	58.7	51.2	22 200
34.0	56.3	49.9	20 100
36.0	53.8	48.5	18 300
38.0	51.3	46.9	16 700
40.0	48.7	45.2	15 200
42.0	45.9	43.3	13 900
44.0	43.1	41.2	12 700
46.0	40.0	38.9	11 600
48.0	36.8	36.3	10 700
50.0	33.2	33.4	9 800
52.0	29.3	30.0	8 900
54.0	24.8	26.0	8 200
56.0	19.4	20.9	7 400
60.5m Boom			
9.8	82.8	62.4	90 400
10.0	82.6	62.4	88 200
11.0	81.6	62.2	80 100
12.0	80.7	62.1	73 400
13.0	79.7	61.9	67 500
14.0	78.7	61.7	62 400
15.0	77.8	61.5	57 900
16.0	76.8	61.2	53 900
18.0	74.8	60.7	47 200
20.0	72.9	60.1	41 800
22.0	70.9	59.4	37 300
24.0	68.8	58.7	33 500
26.0	66.8	57.8	30 300
28.0	64.7	56.9	27 200
30.0	62.6	55.9	24 400
32.0	60.4	54.7	22 000
34.0	58.2	53.5	19 900
36.0	55.9	52.2	18 100
38.0	53.6	50.7	16 500
40.0	51.2	49.2	15 000
42.0	48.7	47.5	13 700
44.0	46.1	45.6	12 500
46.0	43.3	43.5	11 500
48.0	40.5	41.2	10 500
50.0	37.4	38.7	9 600
52.0	34.1	35.8	8 800
54.0	30.5	32.6	8 000
56.0	26.4	28.8	7 300
58.0	21.7	24.2	6 600



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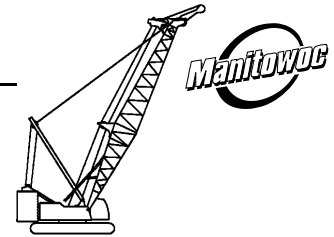
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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
63.5m Boom			
10.4	82.6	65.4	83 200
11.0	82.0	65.3	78 400
12.0	81.1	65.1	71 800
13.0	80.2	64.9	66 100
14.0	79.3	64.7	61 100
15.0	78.4	64.5	56 800
16.0	77.4	64.3	52 900
18.0	75.6	63.8	46 400
20.0	73.7	63.2	41 000
22.0	71.8	62.6	36 600
24.0	69.9	61.9	32 900
26.0	67.9	61.1	29 700
28.0	66.0	60.2	26 900
30.0	64.0	59.2	24 200
32.0	61.9	58.2	21 800
34.0	59.9	57.0	19 700
36.0	57.7	55.8	17 900
38.0	55.6	54.5	16 300
40.0	53.3	53.0	14 800
42.0	51.0	51.4	13 500
44.0	48.6	49.7	12 300
46.0	46.2	47.8	11 300
48.0	43.6	45.7	10 300
50.0	40.9	43.5	9 400
52.0	38.0	41.0	8 600
54.0	34.9	38.2	7 800
56.0	31.5	35.1	7 100
58.0	27.8	31.5	6 500
60.0	23.6	27.2	5 800
62.0	18.4	21.9	5 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
66.5m Boom			
10.4	83.0	68.4	80 200 *
11.0	82.4	68.3	76 800
12.0	81.5	68.2	70 300
13.0	80.7	68.0	64 800
14.0	79.8	67.8	60 000
15.0	78.9	67.6	55 700
16.0	78.0	67.4	52 000
18.0	76.2	66.9	45 500
20.0	74.5	66.4	40 300
22.0	72.7	65.7	36 000
24.0	70.8	65.1	32 300
26.0	69.0	64.3	29 100
28.0	67.1	63.5	26 400
30.0	65.2	62.6	24 000
32.0	63.3	61.6	21 600
34.0	61.4	60.5	19 500
36.0	59.4	59.3	17 700
38.0	57.3	58.1	16 100
40.0	55.2	56.7	14 600
42.0	53.1	55.2	13 300
44.0	50.9	53.7	12 200
46.0	48.6	51.9	11 100
48.0	46.3	50.0	10 100
50.0	43.8	48.0	9 200
52.0	41.2	45.8	8 400
54.0	38.5	43.3	7 600
56.0	35.6	40.6	6 900
58.0	32.5	37.6	6 300
60.0	29.0	34.2	5 700
62.0	25.2	30.1	5 100
64.0	20.6	25.3	4 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
69.5m Boom			
11.0	82.8	71.3	71 900 *
12.0	81.9	71.2	69 100
13.0	81.1	71.0	63 400
14.0	80.2	70.8	58 700
15.0	79.4	70.7	54 600
16.0	78.5	70.5	50 900
18.0	76.9	70.0	44 600
20.0	75.1	69.5	39 500
22.0	73.4	68.9	35 200
24.0	71.7	68.2	31 600
26.0	69.9	67.5	28 500
28.0	68.2	66.7	25 800
30.0	66.4	65.9	23 400
32.0	64.6	64.9	21 300
34.0	62.7	63.9	19 300
36.0	60.8	62.8	17 400
38.0	58.9	61.6	15 800
40.0	57.0	60.4	14 300
42.0	54.9	59.0	13 000
44.0	52.9	57.5	11 800
46.0	50.8	55.9	10 800
48.0	48.6	54.2	9 800
50.0	46.3	52.3	8 900
52.0	44.0	50.3	8 100
54.0	41.5	48.0	7 300
56.0	39.0	45.6	6 600
58.0	36.2	43.0	6 000
60.0	33.3	40.0	5 400
62.0	30.1	36.7	4 800
64.0	26.6	32.9	4 300
66.0	22.5	28.4	3 700
68.0	17.5	22.8	3 100



Liftcrane Boom Capacities

Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

European Standards
14 m/s Maximum Wind thru 54,5 m Boom
12 m/s with 57,5 m and 60,5 m Boom
10 m/s with 63,5 m thru 87,5 m Boom
Conditions include jib when attached

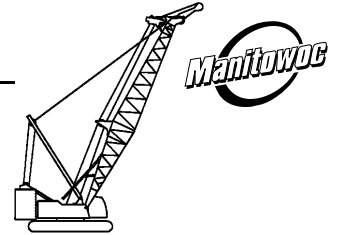
15000 SERIES 3

Capacities based on structural competence are denoted by an asterisk (*).

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
72.5m Boom			
11.6	82.6	74.3	64 900 *
12.0	82.2	74.2	64 500 *
13.0	81.4	74.1	62 400
14.0	80.6	73.9	57 600
15.0	79.8	73.7	53 500
16.0	79.0	73.5	49 900
18.0	77.4	73.1	43 800
20.0	75.8	72.6	38 800
22.0	74.1	72.0	34 500
24.0	72.5	71.4	31 000
26.0	70.8	70.7	27 900
28.0	69.1	70.0	25 300
30.0	67.4	69.2	23 000
32.0	65.7	68.3	20 900
34.0	63.9	67.3	19 100
36.0	62.1	66.3	17 200
38.0	60.3	65.1	15 600
40.0	58.5	63.9	14 100
42.0	56.6	62.6	12 800
44.0	54.7	61.2	11 600
46.0	52.7	59.7	10 600
48.0	50.7	58.1	9 600
50.0	48.6	56.4	8 700
52.0	46.4	54.5	7 900
54.0	44.2	52.5	7 100
56.0	41.8	50.3	6 400
58.0	39.4	48.0	5 800
60.0	36.8	45.3	5 200
62.0	34.0	42.5	4 600
64.0	31.0	39.3	4 000
66.0	27.8	35.6	3 600
68.0	24.1	31.4	3 100
70.0	19.7	26.3	2 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
75.5m Boom			
11.6	82.9	77.3	53 500 *
12.0	82.5	77.2	53 500 *
13.0	81.8	77.1	53 500 *
14.0	81.0	76.9	53 500 *
15.0	80.2	76.8	52 600
16.0	79.5	76.6	49 700
18.0	77.9	76.2	43 400
20.0	76.4	75.7	38 400
22.0	74.8	75.2	34 300
24.0	73.2	74.6	30 800
26.0	71.6	73.9	27 800
28.0	70.0	73.2	25 100
30.0	68.4	72.4	22 900
32.0	66.7	71.6	20 800
34.0	65.0	70.6	19 000
36.0	63.4	69.7	17 300
38.0	61.6	68.6	15 700
40.0	59.9	67.4	14 300
42.0	58.1	66.2	13 000
44.0	56.3	64.9	11 800
46.0	54.4	63.5	10 700
48.0	52.5	62.0	9 800
50.0	50.6	60.4	8 800
52.0	48.6	58.6	8 000
54.0	46.5	56.8	7 300
56.0	44.3	54.8	6 600
58.0	42.1	52.6	5 900
60.0	39.8	50.2	5 300
62.0	37.3	47.7	4 700
64.0	34.7	44.9	4 200
66.0	31.9	41.8	3 700
68.0	28.8	38.3	3 200
70.0	25.4	34.3	2 800
72.0	21.5	29.6	2 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
78.5m Boom			
12.2	82.7	80.2	53 100 *
13.0	82.1	80.1	52 400 *
14.0	81.4	80.0	51 500 *
15.0	80.6	79.8	50 600 *
16.0	79.9	79.6	48 700
18.0	78.4	79.2	42 600
20.0	76.9	78.8	37 700
22.0	75.4	78.3	33 600
24.0	73.9	77.7	30 200
26.0	72.3	77.1	27 200
28.0	70.8	76.4	24 600
30.0	69.2	75.6	22 300
32.0	67.7	74.8	20 400
34.0	66.1	73.9	18 600
36.0	64.5	73.0	17 000
38.0	62.8	72.0	15 500
40.0	61.2	70.9	14 100
42.0	59.5	69.7	12 700
44.0	57.7	68.5	11 600
46.0	56.0	67.2	10 500
48.0	54.2	65.7	9 500
50.0	52.4	64.2	8 600
52.0	50.5	62.6	7 800
54.0	48.6	60.9	7 100
56.0	46.6	59.0	6 300
58.0	44.5	57.0	5 700
60.0	42.4	54.9	5 100
62.0	40.1	52.5	4 500
64.0	37.8	50.0	4 000
66.0	35.3	47.3	3 500
68.0	32.6	44.2	3 000
70.0	29.8	40.9	2 600
72.0	26.6	37.1	2 100



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
81.5m Boom			
12.2	83.0	83.3	48 300 *
13.0	82.4	83.2	47 600 *
14.0	81.7	83.0	46 800 *
15.0	81.0	82.9	46 000 *
16.0	80.3	82.7	45 100 *
18.0	78.8	82.3	41 800
20.0	77.4	81.9	36 900
22.0	75.9	81.4	32 900
24.0	74.5	80.8	29 500
26.0	73.0	80.2	26 600
28.0	71.5	79.6	24 000
30.0	70.0	78.8	21 800
32.0	68.5	78.1	19 800
34.0	67.0	77.2	18 100
36.0	65.5	76.3	16 500
38.0	63.9	75.4	15 000
40.0	62.3	74.3	13 700
42.0	60.7	73.2	12 400
44.0	59.1	72.0	11 300
46.0	57.4	70.8	10 200
48.0	55.7	69.4	9 200
50.0	54.0	68.0	8 300
52.0	52.2	66.5	7 500
54.0	50.4	64.8	6 700
56.0	48.5	63.1	6 100
58.0	46.6	61.2	5 400
60.0	44.6	59.2	4 800
62.0	42.6	57.1	4 200
64.0	40.4	54.8	3 700
66.0	38.2	52.3	3 200
68.0	35.8	49.6	2 700
70.0	33.3	46.7	2 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
84.5m Boom			
12.8	82.8	86.2	44 100 *
13.0	82.7	86.2	43 900 *
14.0	82.0	86.1	43 100 *
15.0	81.3	85.9	42 300 *
16.0	80.6	85.7	41 500 *
18.0	79.2	85.4	40 100 *
20.0	77.8	84.9	36 200
22.0	76.4	84.5	32 300
24.0	75.0	83.9	28 900
26.0	73.6	83.4	26 000
28.0	72.2	82.7	23 500
30.0	70.8	82.0	21 300
32.0	69.3	81.3	19 300
34.0	67.9	80.5	17 600
36.0	66.4	79.6	16 000
38.0	64.9	78.7	14 600
40.0	63.4	77.7	13 300
42.0	61.8	76.7	12 200
44.0	60.3	75.5	11 000
46.0	58.7	74.3	10 000
48.0	57.1	73.1	9 000
50.0	55.5	71.7	8 100
52.0	53.8	70.2	7 300
54.0	52.1	68.7	6 500
56.0	50.3	67.1	5 800
58.0	48.5	65.3	5 200
60.0	46.7	63.5	4 500
62.0	44.8	61.5	4 000
64.0	42.8	59.4	3 400
66.0	40.7	57.1	3 000
68.0	38.6	54.7	2 500
70.0	36.3	52.0	2 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
87.5m Boom			
13.4	82.6	89.2	39 400 *
14.0	82.3	89.1	39 000 *
15.0	81.6	88.9	38 300 *
16.0	80.9	88.8	37 600 *
18.0	79.6	88.4	36 200 *
20.0	78.3	88.0	34 900
22.0	76.9	87.6	31 700
24.0	75.6	87.1	28 300
26.0	74.2	86.5	25 500
28.0	72.8	85.9	23 000
30.0	71.5	85.2	20 800
32.0	70.1	84.5	18 900
34.0	68.7	83.7	17 100
36.0	67.2	82.9	15 600
38.0	65.8	82.0	14 200
40.0	64.4	81.1	12 900
42.0	62.9	80.1	11 800
44.0	61.4	79.0	10 700
46.0	59.9	77.8	9 700
48.0	58.4	76.6	8 800
50.0	56.8	75.3	7 900
52.0	55.2	74.0	7 000
54.0	53.6	72.5	6 300
56.0	51.9	71.0	5 600
58.0	50.3	69.3	4 900
60.0	48.5	67.6	4 300
62.0	46.7	65.7	3 700
64.0	44.9	63.7	3 200
66.0	43.0	61.6	2 700
68.0	41.0	59.4	2 300
70.0	39.0	57.0	1 800