

Liftcrane Boom Capacities

Boom No. 84
32 430 kg Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 4 540 kg minimum weight. *To maintain boom and mast stability at high boom angles, a minimum of 4 parts hoist line is required when using rear drum on 15.2m thru 21.3m boom lengths.*

Upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. When boom butt mounted auxiliary drum equipped for 26 mm wire rope 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.

Weight of upper boom point, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom 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 on a firm uniformly supporting surface with machine list not to exceed degrees noted. Refer to boom rigging **No. A00952** and

Wire Rope Specification chart **No. 8443-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck 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 barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 7 264 mm crawlers, 1 219 mm treads, 7 010 mm live mast, 16 part boom hoist reeving, boom support straps, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed) and 32 430 kg crane counterweight.

¹WARNING: 570 kg front counterweight is required for cranes with rotating bed No. A01066 that do not have free-fall option. Counterweight can be removed only if crane has free-fall option on both front and rear drums.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a,b) 64.0m	54.9m
1 Degree	(b) 61.0m	51.8m
2 Degree	(b) 61.0m	51.8m
3 Degree	57.9m	51.8m
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be attached on 64.0m boom. (b) Upper wire rope guide (No. A04352) for third line cannot be attached on 61.0m and 64.0m booms. Jib cannot be attached on crawler machine while operating on a barge.		



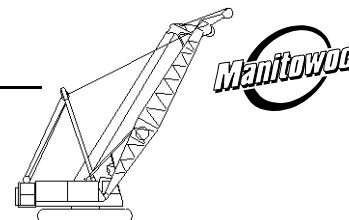
32 430 kg Crane Counterweight
4 Side Boxes

Upper Boom Point Deduct

Deduct 500 kg from capacities when upper boom point is attached.

Wire Rope Guide Deduct (For Third Line)

Deduct 270 kg from boom capacities when upper wire rope guide (No. A04352) for third line is attached.

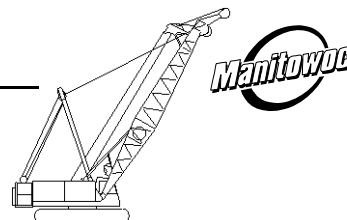


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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
15.2m (50 Ft.) Boom							
4.6	80.6	16.8	126 900 *b	109 200 *b	85 700 *b		4.6
5.0	78.9	16.7	116 300 b	99 600 *b	78 100 *b	67 000 *b	5.0
5.5	77.0	16.6	99 700 b	90 100 b	70 700 *b	60 500 *b	5.5
6.0	75.0	16.4	85 000 b	77 800 b	64 500 *b	55 100 *b	6.0
7.0	71.1	16.1	65 300 b	60 800 b	54 800 *b	46 700 *b	7.0
8.0	67.0	15.7	52 800	49 800	47 100	40 300 *	8.0
9.0	62.7	15.1	44 000	41 900	39 900	35 400 *	9.0
10.0	58.3	14.5	37 600	36 000	34 500	31 400 *	10.0
11.0	53.7	13.8	32 700	31 500	30 300	28 200 *	11.0
12.0	48.7	12.9	28 800	27 800	26 900	25 400 *	12.0
13.0	43.3	11.9	25 600	24 800	24 100	23 100 *	13.0
14.0	37.2	10.6	23 000	22 300	21 700	21 100	14.0
15.0	30.0	9.0	20 700	20 200	19 800	19 300	15.0
18.3m (60 Ft.) Boom							
4.6	82.2	19.9	126 900 *b				4.6
5.0	80.8	19.8	116 400 b	99 700 *b			5.0
5.5	79.2	19.7	100 100 b	88 900 b	70 700 *b	60 500 *b	5.5
6.0	77.6	19.6	85 300 b	76 900 b	64 500 *b	55 100 *b	6.0
7.0	74.3	19.3	65 600 b	60 400 b	54 800 *b	46 700 *b	7.0
8.0	71.0	19.0	53 000	49 500	46 300	40 400 *	8.0
9.0	67.6	18.5	44 300	41 700	39 400	35 400 *	9.0
10.0	64.2	18.1	37 800	35 900	34 100	31 500 *	10.0
11.0	60.6	17.5	32 900	31 400	30 000	28 200 *	11.0
12.0	56.8	16.8	29 000	27 800	26 700	25 600 *	12.0
13.0	52.9	16.1	25 800	24 900	23 900	23 100	13.0
14.0	48.8	15.2	23 200	22 400	21 600	20 900	14.0
15.0	44.3	14.2	21 000	20 300	19 700	19 100	15.0
16.0	39.5	13.0	19 100	18 600	18 000	17 500	16.0
18.0	27.5	9.8	16 000	15 600	15 300	15 000	18.0
21.3m (70 Ft.) Boom							
4.9	82.5	22.9	119 200 *b				4.9
5.0	82.1	22.9	116 400 *b				5.0
5.5	80.8	22.8	100 300 b	87 600 b	70 600 *b		5.5
6.0	79.4	22.7	85 500 b	76 000 b	64 400 *b	55 100 *b	6.0
7.0	76.6	22.5	65 700 b	59 800 b	54 500 b	46 600 *b	7.0
8.0	73.8	22.2	53 200	49 100	45 500	40 300 *	8.0
9.0	71.0	21.8	44 400	41 400	38 800	35 400 *	9.0
10.0	68.1	21.4	38 000	35 700	33 700	31 400 *	10.0
11.0	65.1	21.0	33 000	31 300	29 700	28 200	11.0
12.0	62.1	20.4	29 100	27 700	26 400	25 200	12.0
13.0	59.0	19.8	25 900	24 800	23 700	22 700	13.0
14.0	55.7	19.2	23 300	22 300	21 500	20 600	14.0
15.0	52.3	18.4	21 100	20 300	19 500	18 800	15.0
16.0	48.8	17.5	19 200	18 500	17 900	17 300	16.0
18.0	41.0	15.4	16 200	15 700	15 200	14 700	18.0
20.0	31.5	12.5	13 800	13 400	13 100	12 800	20.0

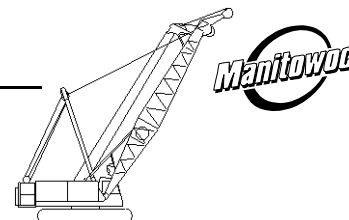


Liftcrane Boom Capacities

Boom No. 84
32 430 kg Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
24.4m (80 Ft.) Boom							
5.2	82.7	26.0	112 400 *b				5.2
5.5	81.9	25.9	100 500 b	86 400 b			5.5
6.0	80.7	25.8	85 700 b	75 000 b			6.0
7.0	78.3	25.6	65 900 b	59 200 b	53 900 b	46 700 *b	7.0
8.0	75.9	25.4	53 300	48 700	44 700	40 300 *	8.0
9.0	73.5	25.1	44 500	41 200	38 200	35 400 *	9.0
10.0	71.0	24.7	38 100	35 500	33 300	31 200	10.0
11.0	68.5	24.3	33 100	31 100	29 300	27 700	11.0
12.0	65.9	23.9	29 200	27 600	26 100	24 800	12.0
13.0	63.2	23.4	26 000	24 700	23 500	22 300	13.0
14.0	60.5	22.8	23 400	22 300	21 300	20 300	14.0
15.0	57.8	22.2	21 200	20 300	19 400	18 600	15.0
16.0	54.9	21.5	19 300	18 500	17 800	17 100	16.0
18.0	48.8	19.8	16 200	15 700	15 100	14 600	18.0
20.0	42.1	17.8	13 900	13 500	13 000	12 600	20.0
22.0	34.2	15.1	12 000	11 600	11 300	11 000	22.0
24.0	24.2	11.3	10 400	10 200	9 900	9 700	24.0
27.4m (90 Ft.) Boom							
5.5	82.9	29.0	101 000 b				5.5
6.0	81.8	28.9	85 700 b				6.0
7.0	79.7	28.7	65 900 b	58 500 b	52 700 b		7.0
8.0	77.5	28.5	53 300	48 200	43 900	40 100	8.0
9.0	75.4	28.2	44 400	40 800	37 500	34 700	9.0
10.0	73.2	27.9	38 000	35 200	32 700	30 500	10.0
11.0	71.0	27.6	33 000	30 800	28 800	27 000	11.0
12.0	68.7	27.2	29 100	27 300	25 700	24 200	12.0
13.0	66.4	26.8	25 900	24 500	23 100	21 900	13.0
14.0	64.1	26.3	23 300	22 100	21 000	19 900	14.0
15.0	61.8	25.7	21 100	20 100	19 100	18 200	15.0
16.0	59.3	25.2	19 200	18 300	17 500	16 700	16.0
18.0	54.3	23.8	16 200	15 500	14 900	14 300	18.0
20.0	48.8	22.1	13 800	13 300	12 800	12 400	20.0
22.0	42.9	20.1	11 900	11 600	11 100	10 800	22.0
24.0	36.2	17.6	10 400	10 100	9 800	9 500	24.0
26.0	28.0	14.2	9 100	8 800	8 600	8 400	26.0

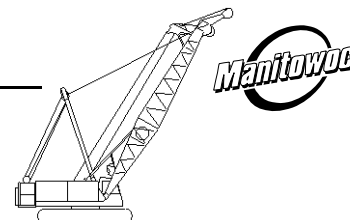


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30.5m (100 Ft.) Boom							
5.8	83.0	32.0	91 500 b				5.8
6.0	82.6	32.0	86 000 b				6.0
7.0	80.7	31.8	65 900 b	58 200 b			7.0
8.0	78.8	31.6	53 300	47 700	43 100	39 300	8.0
9.0	76.9	31.4	44 500	40 500	37 000	34 000	9.0
10.0	74.9	31.1	38 100	35 000	32 300	29 900	10.0
11.0	72.9	30.8	33 100	30 600	28 500	26 500	11.0
12.0	71.0	30.5	29 200	27 200	25 500	23 800	12.0
13.0	68.9	30.1	26 000	24 400	22 900	21 500	13.0
14.0	66.9	29.7	23 400	22 000	20 800	19 600	14.0
15.0	64.8	29.2	21 100	20 000	18 900	17 900	15.0
16.0	62.7	28.7	19 300	18 300	17 400	16 500	16.0
18.0	58.3	27.5	16 200	15 500	14 800	14 100	18.0
20.0	53.7	26.1	13 900	13 300	12 700	12 200	20.0
22.0	48.9	24.4	12 000	11 600	11 100	10 700	22.0
24.0	43.6	22.4	10 500	10 100	9 800	9 400	24.0
26.0	37.6	20.0	9 200	8 900	8 600	8 300	26.0
28.0	30.8	17.0	8 100	7 800	7 600	7 400	28.0
30.0	22.0	12.7	7 100	6 900	6 800	6 600	30.0
33.5m (110 Ft.) Boom							
6.7	82.1	35.0	70 900				6.7
7.0	81.6	34.9	66 300				7.0
8.0	79.8	34.7	53 300	47 300	42 300	38 200	8.0
9.0	78.1	34.5	44 500	40 100	36 300	33 200	9.0
10.0	76.3	34.3	38 000	34 700	31 700	29 200	10.0
11.0	74.5	34.0	33 000	30 400	28 100	26 000	11.0
12.0	72.8	33.7	29 100	27 000	25 100	23 400	12.0
13.0	70.9	33.4	25 900	24 200	22 500	21 100	13.0
14.0	69.1	33.0	23 300	21 800	20 500	19 200	14.0
15.0	67.3	32.6	21 100	19 800	18 700	17 600	15.0
16.0	65.4	32.1	19 200	18 100	17 100	16 200	16.0
18.0	61.5	31.1	16 200	15 300	14 500	13 900	18.0
20.0	57.5	29.8	13 800	13 100	12 600	12 000	20.0
22.0	53.3	28.4	11 900	11 400	10 900	10 500	22.0
24.0	48.9	26.7	10 400	10 000	9 600	9 200	24.0
26.0	44.1	24.8	9 100	8 800	8 400	8 200	26.0
28.0	38.8	22.4	8 000	7 700	7 500	7 200	28.0
30.0	32.8	19.6	7 100	6 900	6 700	6 400	30.0
32.0	25.6	15.8	6 300	6 100	5 900	5 800	32.0

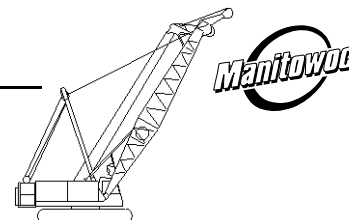


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36.6m (120 Ft.) Boom							
6.7	82.7	38.1	70 900				6.7
7.0	82.3	38.0	66 300				7.0
8.0	80.7	37.8	53 300	46 800	41 600		8.0
9.0	79.1	37.7	44 400	39 700	35 700	32 400	9.0
10.0	77.5	37.4	38 000	34 400	31 200	28 600	10.0
11.0	75.9	37.2	33 000	30 100	27 600	25 500	11.0
12.0	74.2	36.9	29 100	26 700	24 700	22 900	12.0
13.0	72.6	36.6	25 900	23 900	22 300	20 700	13.0
14.0	70.9	36.2	23 200	21 600	20 200	18 900	14.0
15.0	69.3	35.9	21 000	19 600	18 400	17 300	15.0
16.0	67.6	35.4	19 100	17 900	16 900	15 900	16.0
18.0	64.1	34.5	16 100	15 200	14 400	13 600	18.0
20.0	60.5	33.4	13 800	13 100	12 400	11 800	20.0
22.0	56.8	32.2	11 900	11 300	10 800	10 300	22.0
24.0	53.0	30.7	10 300	9 900	9 400	9 000	24.0
26.0	48.9	29.0	9 100	8 700	8 300	8 000	26.0
28.0	44.5	27.1	8 000	7 700	7 400	7 100	28.0
30.0	39.8	24.8	7 100	6 800	6 500	6 300	30.0
32.0	34.5	22.1	6 200	6 000	5 800	5 600	32.0
34.0	28.3	18.7	5 500	5 300	5 200	5 000	34.0
36.0	20.4	14.1	4 900	4 700	4 600	4 500	36.0
39.6m (130 Ft.) Boom							
7.3	82.4	41.0	61 400				7.3
8.0	81.4	40.9	53 300	46 400			8.0
9.0	79.9	40.8	44 400	39 300	35 200		9.0
10.0	78.5	40.6	37 900	34 000	30 700	27 900	10.0
11.0	77.0	40.3	32 900	29 800	27 200	24 900	11.0
12.0	75.5	40.1	29 000	26 500	24 300	22 400	12.0
13.0	74.0	39.8	25 800	23 700	21 900	20 200	13.0
14.0	72.5	39.5	23 100	21 400	19 900	18 500	14.0
15.0	70.9	39.1	20 900	19 500	18 100	16 900	15.0
16.0	69.4	38.7	19 000	17 800	16 600	15 600	16.0
18.0	66.2	37.9	16 000	15 000	14 100	13 300	18.0
20.0	63.0	36.9	13 600	12 900	12 200	11 500	20.0
22.0	59.7	35.8	11 800	11 100	10 600	10 000	22.0
24.0	56.3	34.5	10 200	9 700	9 200	8 800	24.0
26.0	52.7	33.0	8 900	8 500	8 100	7 800	26.0
28.0	48.9	31.3	7 900	7 500	7 200	6 900	28.0
30.0	44.9	29.4	6 900	6 600	6 300	6 100	30.0
32.0	40.5	27.2	6 100	5 900	5 700	5 400	32.0
34.0	35.8	24.6	5 400	5 200	5 000	4 800	34.0
36.0	30.4	21.4	4 800	4 600	4 500	4 300	36.0
38.0	23.8	17.3	4 200	4 100	4 000	3 800	38.0

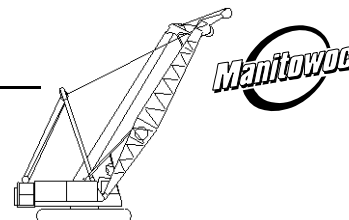


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42.7m (140 Ft.) Boom							
7.3	83.0	44.1	61 400				7.3
8.0	82.0	44.0	53 200				8.0
9.0	80.7	43.9	44 300	39 000			9.0
10.0	79.3	43.7	37 800	33 700	30 200	27 300	10.0
11.0	77.9	43.5	32 900	29 600	26 800	24 400	11.0
12.0	76.5	43.2	28 900	26 300	24 000	22 000	12.0
13.0	75.2	42.9	25 700	23 500	21 600	19 900	13.0
14.0	73.8	42.7	23 100	21 200	19 600	18 100	14.0
15.0	72.3	42.3	20 900	19 300	17 900	16 600	15.0
16.0	70.9	42.0	19 000	17 600	16 400	15 300	16.0
18.0	68.0	41.2	15 900	14 900	13 900	13 100	18.0
20.0	65.1	40.3	13 600	12 700	12 000	11 300	20.0
22.0	62.1	39.3	11 700	11 000	10 400	9 800	22.0
24.0	59.0	38.1	10 200	9 600	9 100	8 600	24.0
26.0	55.8	36.8	8 900	8 400	8 000	7 600	26.0
28.0	52.4	35.3	7 800	7 400	7 100	6 700	28.0
30.0	48.9	33.6	6 900	6 600	6 200	6 000	30.0
32.0	45.2	31.7	6 100	5 800	5 600	5 300	32.0
34.0	41.2	29.5	5 400	5 200	4 900	4 700	34.0
36.0	36.9	27.0	4 700	4 600	4 400	4 200	36.0
38.0	32.0	24.0	4 200	4 100	3 900	3 700	38.0
40.0	26.4	20.3	3 700	3 600	3 400	3 300	40.0
42.0	19.2	15.4	3 200	3 100	3 000	2 900	42.0
45.7m (150 Ft.) Boom							
7.9	82.7	47.1	53 900				7.9
8.0	82.6	47.1	53 200				8.0
9.0	81.3	47.0	44 300	38 600			9.0
10.0	80.0	46.8	37 700	33 300	29 800		10.0
11.0	78.7	46.6	32 800	29 300	26 400	23 800	11.0
12.0	77.5	46.4	28 800	26 000	23 600	21 500	12.0
13.0	76.2	46.1	25 600	23 300	21 200	19 500	13.0
14.0	74.9	45.8	23 000	21 000	19 300	17 800	14.0
15.0	73.6	45.5	20 700	19 100	17 600	16 200	15.0
16.0	72.2	45.2	18 800	17 400	16 100	14 900	16.0
18.0	69.6	44.5	15 800	14 700	13 700	12 800	18.0
20.0	66.9	43.7	13 400	12 600	11 800	11 000	20.0
22.0	64.1	42.7	11 600	10 900	10 200	9 600	22.0
24.0	61.3	41.7	10 100	9 500	8 900	8 400	24.0
26.0	58.3	40.5	8 800	8 300	7 800	7 400	26.0
28.0	55.3	39.1	7 700	7 300	6 900	6 500	28.0
30.0	52.2	37.6	6 800	6 400	6 100	5 800	30.0
32.0	48.9	35.9	5 900	5 700	5 400	5 100	32.0
34.0	45.4	34.0	5 300	5 000	4 700	4 500	34.0
36.0	41.8	31.9	4 700	4 400	4 200	4 000	36.0
38.0	37.8	29.4	4 100	3 900	3 700	3 500	38.0
40.0	33.4	26.5	3 600	3 400	3 300	3 100	40.0
42.0	28.4	23.1	3 100	3 000	2 900	2 700	42.0
44.0	22.4	18.8	2 700	2 600	2 500	2 400	44.0

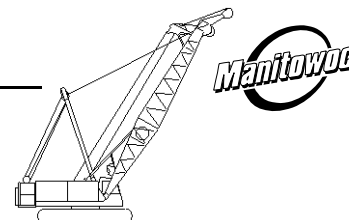


Liftcrane Boom Capacities

Boom No. 84
32 430 kg Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
48.8m (160 Ft.) Boom							
8.5	82.4	50.1	48 000				8.5
9.0	81.8	50.0	44 300				9.0
10.0	80.6	49.9	37 700	33 000	29 300		10.0
11.0	79.5	49.7	32 700	29 000	25 900	23 300	11.0
12.0	78.3	49.5	28 700	25 700	23 200	21 000	12.0
13.0	77.0	49.2	25 500	23 000	20 900	19 100	13.0
14.0	75.8	49.0	22 900	20 800	19 000	17 400	14.0
15.0	74.6	48.7	20 700	18 900	17 300	15 900	15.0
16.0	73.4	48.4	18 700	17 200	15 900	14 600	16.0
18.0	70.9	47.8	15 700	14 500	13 400	12 500	18.0
20.0	68.4	47.0	13 400	12 400	11 600	10 800	20.0
22.0	65.8	46.1	11 500	10 700	10 000	9 400	22.0
24.0	63.2	45.1	9 900	9 300	8 700	8 200	24.0
26.0	60.5	44.0	8 700	8 200	7 700	7 200	26.0
28.0	57.8	42.8	7 600	7 100	6 700	6 300	28.0
30.0	54.9	41.4	6 600	6 300	5 900	5 600	30.0
32.0	52.0	39.9	5 800	5 500	5 200	4 900	32.0
34.0	48.9	38.2	5 100	4 900	4 600	4 400	34.0
36.0	45.7	36.3	4 500	4 300	4 000	3 800	36.0
38.0	42.2	34.2	4 000	3 800	3 600	3 400	38.0
40.0	38.6	31.8	3 500	3 300	3 100	3 000	40.0
42.0	34.6	29.1	3 000	2 900	2 700	2 600	42.0
44.0	30.1	25.8	2 600	2 500	2 400	2 200	44.0
46.0	24.9	21.9	2 300	2 100	2 000		46.0
48.0	18.3	16.6	1 900				48.0
51.8m (170 Ft.) Boom							
8.5	82.8	53.2	47 900				8.5
9.0	82.3	53.1	44 200				9.0
10.0	81.2	53.0	37 600	32 700			10.0
11.0	80.1	52.8	32 600	28 700	25 500		11.0
12.0	79.0	52.6	28 700	25 500	22 800	20 600	12.0
13.0	77.8	52.4	25 400	22 800	20 600	18 700	13.0
14.0	76.7	52.1	22 800	20 600	18 700	17 000	14.0
15.0	75.5	51.9	20 600	18 700	17 000	15 600	15.0
16.0	74.4	51.6	18 600	17 000	15 600	14 300	16.0
18.0	72.1	51.0	15 600	14 300	13 200	12 200	18.0
20.0	69.7	50.3	13 200	12 200	11 300	10 500	20.0
22.0	67.3	49.4	11 300	10 500	9 800	9 100	22.0
24.0	64.9	48.5	9 800	9 100	8 500	7 900	24.0
26.0	62.4	47.5	8 500	8 000	7 400	7 000	26.0
28.0	59.9	46.4	7 500	7 000	6 500	6 100	28.0
30.0	57.3	45.1	6 500	6 100	5 700	5 400	30.0
32.0	54.6	43.8	5 700	5 300	5 000	4 700	32.0
34.0	51.8	42.2	5 000	4 700	4 400	4 200	34.0
36.0	48.9	40.5	4 400	4 100	3 900	3 600	36.0
38.0	45.9	38.7	3 800	3 600	3 400	3 200	38.0
40.0	42.7	36.6	3 400	3 100	3 000	2 800	40.0
42.0	39.3	34.2	2 900	2 700	2 600	2 400	42.0
44.0	35.6	31.5	2 500	2 300	2 200	2 100	44.0
46.0	31.5	28.4	2 100	2 000			46.0

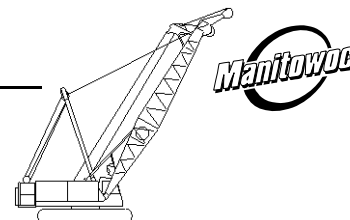


Liftcrane Boom Capacities

Boom No. 84
32 430 kg Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
54.9m (180 Ft.) Boom							
9.1	82.6	56.2	43 000				9.1
10.0	81.7	56.1	37 500	32 400			10.0
11.0	80.6	55.9	32 500	28 400	25 100		11.0
12.0	79.6	55.7	28 600	25 200	22 500	20 200	12.0
13.0	78.5	55.5	25 300	22 600	20 300	18 300	13.0
14.0	77.4	55.3	22 700	20 400	18 400	16 700	14.0
15.0	76.4	55.0	20 500	18 500	16 800	15 300	15.0
16.0	75.3	54.8	18 600	16 900	15 300	14 000	16.0
18.0	73.1	54.2	15 500	14 200	13 000	12 000	18.0
20.0	70.9	53.5	13 100	12 100	11 100	10 300	20.0
22.0	68.7	52.7	11 300	10 400	9 600	8 900	22.0
24.0	66.4	51.9	9 700	9 000	8 400	7 800	24.0
26.0	64.1	51.0	8 400	7 800	7 300	6 800	26.0
28.0	61.7	49.9	7 400	6 900	6 400	6 000	28.0
30.0	59.3	48.7	6 400	6 000	5 600	5 200	30.0
32.0	56.8	47.5	5 600	5 300	4 900	4 600	32.0
34.0	54.3	46.1	4 900	4 600	4 300	4 000	34.0
36.0	51.7	44.5	4 300	4 000	3 800	3 500	36.0
38.0	48.9	42.8	3 800	3 500	3 300	3 100	38.0
40.0	46.1	41.0	3 300	3 000	2 900	2 600	40.0
42.0	43.0	38.9	2 900	2 600	2 500	2 300	42.0
44.0	39.9	36.6	2 400	2 300	2 100	1 900	44.0
46.0	36.4	34.0	2 100				46.0
57.9m (190 Ft.) Boom							
9.8	82.4	59.2	38 900				9.8
10.0	82.1	59.1	37 500				10.0
11.0	81.1	59.0	32 400	28 200			11.0
12.0	80.1	58.8	28 500	25 000			12.0
13.0	79.1	58.6	25 200	22 300	20 000		13.0
14.0	78.1	58.4	22 600	20 100	18 100	16 300	14.0
15.0	77.1	58.2	20 300	18 300	16 500	14 900	15.0
16.0	76.1	57.9	18 400	16 600	15 100	13 700	16.0
18.0	74.0	57.4	15 400	14 000	12 800	11 700	18.0
20.0	71.9	56.7	13 000	11 900	10 900	10 000	20.0
22.0	69.8	56.0	11 100	10 200	9 400	8 700	22.0
24.0	67.7	55.2	9 600	8 900	8 100	7 500	24.0
26.0	65.6	54.3	8 300	7 700	7 100	6 600	26.0
28.0	63.3	53.4	7 200	6 700	6 200	5 800	28.0
30.0	61.1	52.3	6 300	5 800	5 400	5 000	30.0
32.0	58.8	51.1	5 500	5 100	4 700	4 400	32.0
34.0	56.4	49.8	4 800	4 400	4 100	3 800	34.0
36.0	54.0	48.4	4 200	3 900	3 600	3 300	36.0
38.0	51.5	46.8	3 600	3 400	3 100	2 900	38.0
40.0	48.9	45.1	3 100	2 900	2 700	2 500	40.0
42.0	46.2	43.3	2 700	2 500	2 300	2 100	42.0
44.0	43.4	41.2	2 300	2 100	1 900		44.0



Liftcrane Boom Capacities

Boom No. 84
32 430 kg Counterweight
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0 Degree thru 3 Degree Machine List
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555 SERIES 1

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	Oper. Radius Meters
61.0m (200 Ft.) Boom						
10.4	82.2	62.2	35 400			10.4
11.0	81.6	62.1	32 300			11.0
12.0	80.6	61.9	28 400	24 700		12.0
13.0	79.7	61.7	25 100	22 100	19 700	13.0
14.0	78.7	61.5	22 500	19 900	17 800	14.0
15.0	77.8	61.3	20 200	18 000	16 200	15.0
16.0	76.8	61.1	18 300	16 400	14 800	16.0
18.0	74.8	60.5	15 200	13 800	12 500	18.0
20.0	72.9	59.9	12 900	11 700	10 700	20.0
22.0	70.9	59.3	11 000	10 000	9 200	22.0
24.0	68.9	58.5	9 500	8 700	8 000	24.0
26.0	66.9	57.7	8 200	7 500	6 900	26.0
28.0	64.8	56.8	7 100	6 500	6 000	28.0
30.0	62.7	55.7	6 200	5 700	5 200	30.0
32.0	60.5	54.6	5 300	4 900	4 600	32.0
34.0	58.3	53.4	4 700	4 300	3 900	34.0
36.0	56.1	52.1	4 100	3 700	3 400	36.0
38.0	53.8	50.7	3 500	3 200	3 000	38.0
40.0	51.4	49.1	3 000	2 800	2 500	40.0
42.0	48.9	47.4	2 600	2 400	2 100	42.0
44.0	46.4	45.6	2 200	2 000	1 800	44.0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
64.0m (210 Ft.) Boom			
11.0	82.0	65.2	32 300
12.0	81.1	65.0	28 200
13.0	80.2	64.8	25 000
14.0	79.3	64.6	22 400
15.0	78.3	64.4	20 100
16.0	77.4	64.2	18 200
18.0	75.6	63.7	15 100
20.0	73.7	63.1	12 800
22.0	71.8	62.5	10 800
24.0	69.9	61.8	9 300
26.0	68.0	61.0	8 000
28.0	66.1	60.1	7 000
30.0	64.1	59.2	6 000
32.0	62.1	58.1	5 200
34.0	60.0	57.0	4 500
36.0	57.9	55.8	3 900
38.0	55.8	54.4	3 300
40.0	53.6	53.0	2 900
42.0	51.3	51.4	2 400
44.0	48.9	49.7	2 000