

Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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

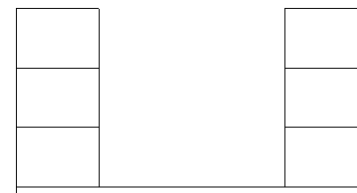
adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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), 44 680 kg crane counterweight and two 9 980 kg carbody counterweights.

¹**WARNING:** 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.



44 680 kg Crane Counterweight
6 Side Boxes

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a,b) 76.2m	(b) 67.1m
1 Degree	70.1m	64.0m
2 Degree	64.0m	64.0m
3 Degree	57.9m	57.9m

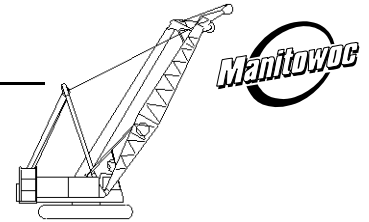
Load block, hook and weight ball on barge deck at start.
(a) Upper boom point cannot be attached on 76.2m boom.
(b) Upper wire rope guide (No. A04352) for third line cannot be attached on 73.2m and 76.2m booms. Jib is not to be used on crawler machine while operating on a barge.

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.

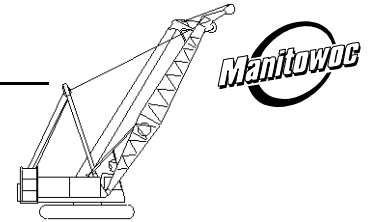


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	136 000 *b	114 800 *b	93 300 *b		4.6
5.0	78.9	16.7	125 000 *b	104 700 *b	85 000 *b	74 900 *b	5.0
5.5	77.0	16.6	114 100 *b	95 000 *b	77 000 *b	67 700 *b	5.5
6.0	75.0	16.4	104 900 *b	86 900 *b	70 300 *b	61 700 *b	6.0
7.0	71.1	16.1	88 300 b	74 100 *b	59 700 *b	52 300 *b	7.0
8.0	67.0	15.7	70 900	64 500 *	51 800 *	45 200 *	8.0
9.0	62.7	15.1	59 400	56 500	45 600 *	39 800 *	9.0
10.0	58.3	14.5	51 000	48 800	40 700 *	35 400 *	10.0
11.0	53.7	13.8	44 500	42 800	36 600 *	31 700 *	11.0
12.0	48.7	12.9	39 300	38 000	33 300 *	28 700 *	12.0
13.0	43.3	11.9	35 100	34 100	30 400 *	26 100 *	13.0
14.0	37.2	10.6	31 700	30 900	27 900 *	23 900 *	14.0
15.0	30.0	9.0	28 700	28 100	25 800 *	22 000 *	15.0
18.3m (60 Ft.) Boom							
4.6	82.2	19.9	135 600 *b				4.6
5.0	80.8	19.8	125 000 *b	104 900 *b			5.0
5.5	79.2	19.7	114 100 *b	95 000 *b	77 000 *b	62 100 *b	5.5
6.0	77.6	19.6	104 900 *b	86 900 *b	70 300 *b	61 100 *b	6.0
7.0	74.3	19.3	88 700 b	74 100 *b	59 800 *b	52 300 *b	7.0
8.0	71.0	19.0	71 200	64 500 *	51 900 *	45 300 *	8.0
9.0	67.6	18.5	59 700	56 300	45 700 *	39 800 *	9.0
10.0	64.2	18.1	51 200	48 600	40 800 *	35 400 *	10.0
11.0	60.6	17.5	44 700	42 700	36 700 *	31 800 *	11.0
12.0	56.8	16.8	39 600	38 000	33 400 *	28 800 *	12.0
13.0	52.9	16.1	35 300	34 100	30 500 *	26 300 *	13.0
14.0	48.8	15.2	31 900	30 900	28 000 *	24 100 *	14.0
15.0	44.3	14.2	29 000	28 100	25 900 *	22 200 *	15.0
16.0	39.5	13.0	26 500	25 800	24 000 *	20 500 *	16.0
18.0	27.5	9.8	22 400	22 000	20 900 *	17 700 *	18.0
21.3m (70 Ft.) Boom							
4.9	82.5	22.9	125 800 *b				4.9
5.0	82.1	22.9	123 700 *b				5.0
5.5	80.8	22.8	114 000 *b	95 000 *b	77 000 *b		5.5
6.0	79.4	22.7	104 800 *b	86 900 *b	70 300 *b	59 500 *b	6.0
7.0	76.6	22.5	88 600 b	74 000 *b	59 700 *b	52 400 *b	7.0
8.0	73.8	22.2	71 300	64 500	51 800 *	45 200 *	8.0
9.0	71.0	21.8	59 800	56 000	45 700 *	39 800 *	9.0
10.0	68.1	21.4	51 300	48 300	40 700 *	35 400 *	10.0
11.0	65.1	21.0	44 800	42 500	36 700 *	31 800 *	11.0
12.0	62.1	20.4	39 700	37 800	33 300 *	28 800 *	12.0
13.0	59.0	19.8	35 400	33 900	30 500 *	26 300 *	13.0
14.0	55.7	19.2	32 000	30 700	28 000 *	24 100 *	14.0
15.0	52.3	18.4	29 100	28 000	25 900 *	22 200 *	15.0
16.0	48.8	17.5	26 600	25 700	24 100 *	20 500 *	16.0
18.0	41.0	15.4	22 600	22 000	20 900 *	17 800 *	18.0
20.0	31.5	12.5	19 500	19 000	18 500 *	15 500 *	20.0

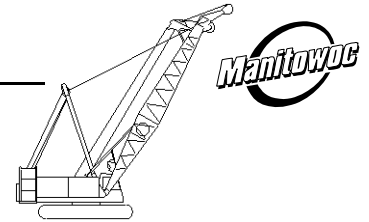


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	119 700 *b				5.2
5.5	81.9	25.9	114 000 *b	95 000 *b			5.5
6.0	80.7	25.8	104 800 *b	86 800 *b			6.0
7.0	78.3	25.6	88 700 b	74 000 *b	59 700 *b	52 400 *b	7.0
8.0	75.9	25.4	71 400	64 500	51 800 *	45 200 *	8.0
9.0	73.5	25.1	59 900	55 600	45 700 *	39 800 *	9.0
10.0	71.0	24.7	51 400	48 100	40 700 *	35 400 *	10.0
11.0	68.5	24.3	44 900	42 300	36 700 *	31 800 *	11.0
12.0	65.9	23.9	39 700	37 600	33 400 *	28 800 *	12.0
13.0	63.2	23.4	35 500	33 800	30 500 *	26 300 *	13.0
14.0	60.5	22.8	32 100	30 700	28 100 *	24 100 *	14.0
15.0	57.8	22.2	29 200	28 000	26 000 *	22 200 *	15.0
16.0	54.9	21.5	26 700	25 700	24 100 *	20 600 *	16.0
18.0	48.8	19.8	22 700	22 000	21 000 *	17 800 *	18.0
20.0	42.1	17.8	19 600	19 000	18 500	15 600 *	20.0
22.0	34.2	15.1	17 100	16 700	16 300	13 800 *	22.0
24.0	24.2	11.3	15 000	14 800	14 500	12 200 *	24.0
27.4m (90 Ft.) Boom							
5.5	82.9	29.0	110 200 *b				5.5
6.0	81.8	28.9	105 000 *b				6.0
7.0	79.7	28.7	88 500 b	74 100 *b	59 700 *b		7.0
8.0	77.5	28.5	71 400	64 300	51 700 *	45 100 *	8.0
9.0	75.4	28.2	59 800	55 000	45 500 *	39 600 *	9.0
10.0	73.2	27.9	51 300	47 600	40 600 *	35 200 *	10.0
11.0	71.0	27.6	44 800	41 900	36 600 *	31 700 *	11.0
12.0	68.7	27.2	39 700	37 300	33 200 *	28 700 *	12.0
13.0	66.4	26.8	35 500	33 600	30 400 *	26 100 *	13.0
14.0	64.1	26.3	32 000	30 400	28 000 *	24 000 *	14.0
15.0	61.8	25.7	29 100	27 800	25 800 *	22 100 *	15.0
16.0	59.3	25.2	26 600	25 500	24 000 *	20 400 *	16.0
18.0	54.3	23.8	22 700	21 800	20 900	17 700 *	18.0
20.0	48.8	22.1	19 600	18 900	18 200	15 500 *	20.0
22.0	42.9	20.1	17 100	16 600	16 100	13 700 *	22.0
24.0	36.2	17.6	15 000	14 700	14 300	12 200 *	24.0
26.0	28.0	14.2	13 300	13 000	12 700	10 900 *	26.0

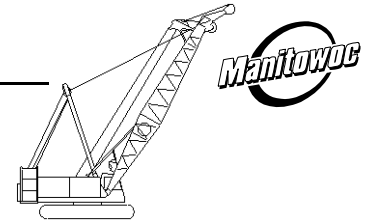


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
30.5m (100 Ft.) Boom							
5.8	83.0	32.0	104 700 *b				5.8
6.0	82.6	32.0	103 500 *b				6.0
7.0	80.7	31.8	88 500 b	73 900 *b			7.0
8.0	78.8	31.6	71 500	64 300	51 700 *	45 100 *	8.0
9.0	76.9	31.4	59 900	54 500	45 500 *	39 600 *	9.0
10.0	74.9	31.1	51 400	47 300	40 600 *	35 200 *	10.0
11.0	72.9	30.8	44 900	41 700	36 600 *	31 700 *	11.0
12.0	71.0	30.5	39 700	37 100	33 200 *	28 700 *	12.0
13.0	68.9	30.1	35 500	33 400	30 400 *	26 100 *	13.0
14.0	66.9	29.7	32 100	30 300	28 000 *	24 000 *	14.0
15.0	64.8	29.2	29 200	27 700	25 800 *	22 100 *	15.0
16.0	62.7	28.7	26 700	25 400	24 000 *	20 500 *	16.0
18.0	58.3	27.5	22 700	21 700	20 800	17 800 *	18.0
20.0	53.7	26.1	19 600	18 800	18 100	15 500 *	20.0
22.0	48.9	24.4	17 100	16 600	16 000	13 700 *	22.0
24.0	43.6	22.4	15 100	14 700	14 200	12 200 *	24.0
26.0	37.6	20.0	13 400	13 100	12 700	10 900 *	26.0
28.0	30.8	17.0	12 000	11 700	11 400	9 800 *	28.0
30.0	22.0	12.7	10 800	10 600	10 300	8 800 *	30.0
33.5m (110 Ft.) Boom							
6.7	82.1	35.0	92 600 *				6.7
7.0	81.6	34.9	87 600				7.0
8.0	79.8	34.7	71 500	63 700	51 500 *	45 000 *	8.0
9.0	78.1	34.5	59 900	54 100	45 400 *	39 500 *	9.0
10.0	76.3	34.3	51 400	46 900	40 500 *	35 100 *	10.0
11.0	74.5	34.0	44 800	41 300	36 500 *	31 600 *	11.0
12.0	72.8	33.7	39 600	36 800	33 100 *	28 600 *	12.0
13.0	70.9	33.4	35 400	33 100	30 300 *	26 000 *	13.0
14.0	69.1	33.0	32 000	30 100	27 900 *	23 900 *	14.0
15.0	67.3	32.6	29 100	27 400	25 800 *	22 000 *	15.0
16.0	65.4	32.1	26 600	25 200	23 900	20 300 *	16.0
18.0	61.5	31.1	22 600	21 500	20 500	17 600 *	18.0
20.0	57.5	29.8	19 600	18 700	17 900	15 400 *	20.0
22.0	53.3	28.4	17 100	16 400	15 800	13 600 *	22.0
24.0	48.9	26.7	15 000	14 500	14 000	12 100 *	24.0
26.0	44.1	24.8	13 400	12 900	12 500	10 800 *	26.0
28.0	38.8	22.4	11 900	11 600	11 300	9 700 *	28.0
30.0	32.8	19.6	10 700	10 400	10 200	8 700 *	30.0
32.0	25.6	15.8	9 700	9 400	9 200	7 900 *	32.0

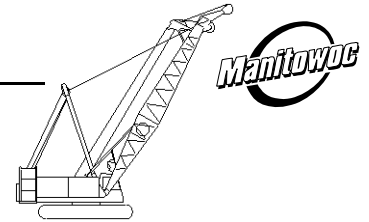


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
36.6m (120 Ft.) Boom							
6.7	82.7	38.1	88 100 *				6.7
7.0	82.3	38.0	85 200				7.0
8.0	80.7	37.8	71 400	62 100	51 500 *		8.0
9.0	79.1	37.7	59 800	53 700	45 300 *	39 400 *	9.0
10.0	77.5	37.4	51 300	46 500	40 400 *	35 000 *	10.0
11.0	75.9	37.2	44 800	41 000	36 400 *	31 400 *	11.0
12.0	74.2	36.9	39 600	36 600	33 000 *	28 500 *	12.0
13.0	72.6	36.6	35 400	32 800	30 200 *	25 900 *	13.0
14.0	70.9	36.2	31 900	29 800	27 800	23 800 *	14.0
15.0	69.3	35.9	29 000	27 300	25 600	21 900 *	15.0
16.0	67.6	35.4	26 600	25 000	23 600	20 300 *	16.0
18.0	64.1	34.5	22 600	21 400	20 300	17 500 *	18.0
20.0	60.5	33.4	19 500	18 500	17 700	15 300 *	20.0
22.0	56.8	32.2	17 000	16 300	15 600	13 500 *	22.0
24.0	53.0	30.7	15 000	14 400	13 800	12 000 *	24.0
26.0	48.9	29.0	13 300	12 800	12 400	10 700 *	26.0
28.0	44.5	27.1	11 900	11 500	11 100	9 600 *	28.0
30.0	39.8	24.8	10 700	10 400	10 000	8 700 *	30.0
32.0	34.5	22.1	9 600	9 300	9 100	7 800 *	32.0
34.0	28.3	18.7	8 700	8 500	8 200	7 100 *	34.0
36.0	20.4	14.1	7 900	7 700	7 500	6 400 *	36.0
39.6m (130 Ft.) Boom							
7.3	82.4	41.0	78 400 *				7.3
8.0	81.4	40.9	71 600	56 700 *			8.0
9.0	79.9	40.8	59 800	53 000	44 900 *		9.0
10.0	78.5	40.6	51 200	46 100	40 300 *	34 900 *	10.0
11.0	77.0	40.3	44 700	40 600	36 300 *	31 300 *	11.0
12.0	75.5	40.1	39 500	36 200	32 900 *	28 300 *	12.0
13.0	74.0	39.8	35 300	32 600	30 100	25 800 *	13.0
14.0	72.5	39.5	31 900	29 600	27 600	23 600 *	14.0
15.0	70.9	39.1	29 000	27 000	25 300	21 800 *	15.0
16.0	69.4	38.7	26 500	24 800	23 300	20 100 *	16.0
18.0	66.2	37.9	22 500	21 200	20 000	17 400 *	18.0
20.0	63.0	36.9	19 400	18 400	17 400	15 200 *	20.0
22.0	59.7	35.8	16 900	16 100	15 300	13 400 *	22.0
24.0	56.3	34.5	14 900	14 200	13 600	11 900 *	24.0
26.0	52.7	33.0	13 200	12 700	12 100	10 600 *	26.0
28.0	48.9	31.3	11 800	11 300	10 900	9 500 *	28.0
30.0	44.9	29.4	10 600	10 200	9 800	8 600 *	30.0
32.0	40.5	27.2	9 500	9 200	8 900	7 700 *	32.0
34.0	35.8	24.6	8 600	8 300	8 100	7 000 *	34.0
36.0	30.4	21.4	7 800	7 600	7 300	6 300 *	36.0
38.0	23.8	17.3	7 100	6 900	6 700	5 700 *	38.0

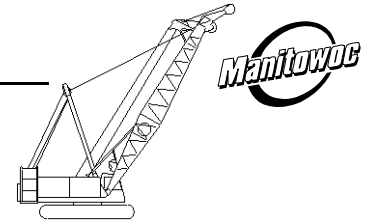


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
42.7m (140 Ft.) Boom							
7.3	83.0	44.1	73 700 *				7.3
8.0	82.0	44.0	70 800				8.0
9.0	80.7	43.9	59 800	51 300 *			9.0
10.0	79.3	43.7	51 200	45 800	40 400 *	34 800 *	10.0
11.0	77.9	43.5	44 700	40 300	36 200 *	31 200 *	11.0
12.0	76.5	43.2	39 500	36 000	32 800 *	28 200 *	12.0
13.0	75.2	42.9	35 200	32 400	29 900	25 700 *	13.0
14.0	73.8	42.7	31 800	29 300	27 200	23 500 *	14.0
15.0	72.3	42.3	28 900	26 800	24 900	21 700 *	15.0
16.0	70.9	42.0	26 400	24 600	23 000	20 000 *	16.0
18.0	68.0	41.2	22 400	21 000	19 800	17 300 *	18.0
20.0	65.1	40.3	19 300	18 200	17 200	15 100 *	20.0
22.0	62.1	39.3	16 800	16 000	15 100	13 300 *	22.0
24.0	59.0	38.1	14 800	14 100	13 400	11 800 *	24.0
26.0	55.8	36.8	13 200	12 600	12 000	10 600 *	26.0
28.0	52.4	35.3	11 800	11 300	10 800	9 400 *	28.0
30.0	48.9	33.6	10 500	10 100	9 700	8 500 *	30.0
32.0	45.2	31.7	9 500	9 100	8 800	7 700 *	32.0
34.0	41.2	29.5	8 600	8 300	8 000	7 000 *	34.0
36.0	36.9	27.0	7 700	7 500	7 200	6 300 *	36.0
38.0	32.0	24.0	7 000	6 800	6 600	5 700 *	38.0
40.0	26.4	20.3	6 400	6 200	6 000	5 200 *	40.0
42.0	19.2	15.4	5 800	5 600	5 500	4 600 *	42.0
45.7m (150 Ft.) Boom							
7.9	82.7	47.1	67 800 *				7.9
8.0	82.6	47.1	67 400				8.0
9.0	81.3	47.0	60 000	48 000 *			9.0
10.0	80.0	46.8	51 100	45 600	38 500 *		10.0
11.0	78.7	46.6	44 600	40 000	36 100	31 100 *	11.0
12.0	77.5	46.4	39 400	35 600	32 500	28 100 *	12.0
13.0	76.2	46.1	35 200	32 100	29 400	25 600 *	13.0
14.0	74.9	45.8	31 700	29 100	26 800	23 400 *	14.0
15.0	73.6	45.5	28 800	26 600	24 600	21 500 *	15.0
16.0	72.2	45.2	26 300	24 400	22 700	19 900 *	16.0
18.0	69.6	44.5	22 300	20 800	19 500	17 200 *	18.0
20.0	66.9	43.7	19 200	18 000	17 000	15 000 *	20.0
22.0	64.1	42.7	16 700	15 800	14 900	13 200 *	22.0
24.0	61.3	41.7	14 700	13 900	13 200	11 700 *	24.0
26.0	58.3	40.5	13 000	12 400	11 800	10 400 *	26.0
28.0	55.3	39.1	11 600	11 100	10 600	9 300 *	28.0
30.0	52.2	37.6	10 400	9 900	9 500	8 400 *	30.0
32.0	48.9	35.9	9 400	9 000	8 600	7 500 *	32.0
34.0	45.4	34.0	8 500	8 100	7 800	6 800 *	34.0
36.0	41.8	31.9	7 700	7 400	7 100	6 100 *	36.0
38.0	37.8	29.4	6 900	6 700	6 400	5 600 *	38.0
40.0	33.4	26.5	6 300	6 100	5 800	5 000 *	40.0
42.0	28.4	23.1	5 700	5 500	5 300	4 600 *	42.0
44.0	22.4	18.8	5 100	5 000	4 900	4 100 *	44.0

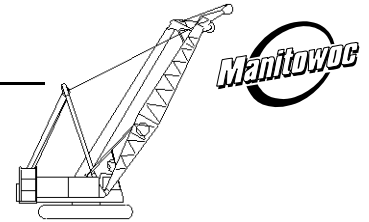


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	59 800 *				8.5
9.0	81.8	50.0	58 600				9.0
10.0	80.6	49.9	51 000	43 300 *	36 200 *		10.0
11.0	79.5	49.7	44 500	39 600	35 000	30 200 *	11.0
12.0	78.3	49.5	39 300	35 300	32 100	28 000 *	12.0
13.0	77.0	49.2	35 100	31 800	29 000	25 400 *	13.0
14.0	75.8	49.0	31 600	28 900	26 500	23 300 *	14.0
15.0	74.6	48.7	28 700	26 300	24 300	21 400 *	15.0
16.0	73.4	48.4	26 200	24 200	22 400	19 800 *	16.0
18.0	70.9	47.8	22 200	20 600	19 200	17 000 *	18.0
20.0	68.4	47.0	19 100	17 900	16 700	14 800 *	20.0
22.0	65.8	46.1	16 600	15 600	14 700	13 000 *	22.0
24.0	63.2	45.1	14 600	13 800	13 000	11 600 *	24.0
26.0	60.5	44.0	12 900	12 300	11 600	10 300 *	26.0
28.0	57.8	42.8	11 500	10 900	10 400	9 200 *	28.0
30.0	54.9	41.4	10 300	9 800	9 400	8 300 *	30.0
32.0	52.0	39.9	9 300	8 800	8 400	7 400 *	32.0
34.0	48.9	38.2	8 400	8 000	7 600	6 700 *	34.0
36.0	45.7	36.3	7 500	7 200	6 900	6 000 *	36.0
38.0	42.2	34.2	6 800	6 600	6 300	5 500 *	38.0
40.0	38.6	31.8	6 200	5 900	5 700	4 900 *	40.0
42.0	34.6	29.1	5 600	5 400	5 200	4 500 *	42.0
44.0	30.1	25.8	5 000	4 900	4 700	4 000 *	44.0
46.0	24.9	21.9	4 600	4 400	4 300	3 600 *	46.0
48.0	18.3	16.6	4 100	4 000	3 900	3 200 *	48.0

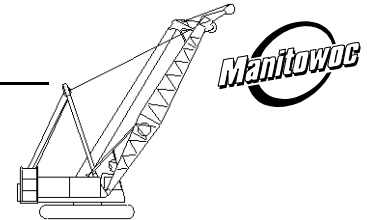


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
51.8m (170 Ft.) Boom							
8.5	82.8	53.2	57 600 *				8.5
9.0	82.3	53.1	56 400 *				9.0
10.0	81.2	53.0	51 200	40 200 *			10.0
11.0	80.1	52.8	44 400	38 800	32 100 *		11.0
12.0	79.0	52.6	39 200	35 100	31 100	26 600 *	12.0
13.0	77.8	52.4	35 000	31 500	29 200	25 300 *	13.0
14.0	76.7	52.1	31 500	28 600	26 100	23 100 *	14.0
15.0	75.5	51.9	28 600	26 100	23 900	21 300 *	15.0
16.0	74.4	51.6	26 100	23 900	22 000	19 600 *	16.0
18.0	72.1	51.0	22 100	20 400	18 900	16 800 *	18.0
20.0	69.7	50.3	19 000	17 600	16 500	14 700 *	20.0
22.0	67.3	49.4	16 500	15 400	14 500	12 900 *	22.0
24.0	64.9	48.5	14 400	13 600	12 800	11 400 *	24.0
26.0	62.4	47.5	12 800	12 000	11 400	10 100 *	26.0
28.0	59.9	46.4	11 400	10 800	10 200	9 000 *	28.0
30.0	57.3	45.1	10 200	9 600	9 100	8 100 *	30.0
32.0	54.6	43.8	9 100	8 700	8 300	7 300 *	32.0
34.0	51.8	42.2	8 200	7 800	7 400	6 500 *	34.0
36.0	48.9	40.5	7 400	7 000	6 700	5 900 *	36.0
38.0	45.9	38.7	6 700	6 400	6 100	5 300 *	38.0
40.0	42.7	36.6	6 000	5 800	5 500	4 800 *	40.0
42.0	39.3	34.2	5 500	5 200	5 000	4 300 *	42.0
44.0	35.6	31.5	4 900	4 700	4 500	3 800 *	44.0
46.0	31.5	28.4	4 400	4 200	4 100	3 400 *	46.0
48.0	26.9	24.8	4 000	3 800	3 700	3 100 *	48.0
50.0	21.3	20.2	3 600	3 400	3 300	2 700 *	50.0

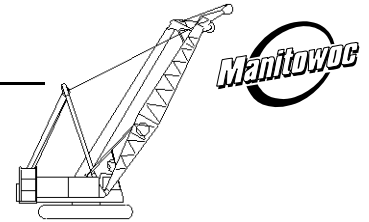


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	52 900 *				9.1
10.0	81.7	56.1	50 500	38 000 *			10.0
11.0	80.6	55.9	44 300	36 700 *	30 400 *		11.0
12.0	79.6	55.7	39 100	34 700	29 500 *	25 200 *	12.0
13.0	78.5	55.5	34 900	31 500	28 000	24 400 *	13.0
14.0	77.4	55.3	31 400	28 400	25 800	23 200 *	14.0
15.0	76.4	55.0	28 500	25 900	23 700	21 300 *	15.0
16.0	75.3	54.8	26 000	23 700	21 800	19 500 *	16.0
18.0	73.1	54.2	22 000	20 200	18 700	16 800 *	18.0
20.0	70.9	53.5	18 900	17 500	16 300	14 600 *	20.0
22.0	68.7	52.7	16 400	15 300	14 300	12 800 *	22.0
24.0	66.4	51.9	14 400	13 500	12 600	11 300 *	24.0
26.0	64.1	51.0	12 700	12 000	11 200	10 100 *	26.0
28.0	61.7	49.9	11 300	10 600	10 000	9 000 *	28.0
30.0	59.3	48.7	10 100	9 500	9 000	8 000 *	30.0
32.0	56.8	47.5	9 000	8 600	8 100	7 200 *	32.0
34.0	54.3	46.1	8 100	7 700	7 300	6 500 *	34.0
36.0	51.7	44.5	7 300	7 000	6 600	5 800 *	36.0
38.0	48.9	42.8	6 600	6 300	6 000	5 200 *	38.0
40.0	46.1	41.0	6 000	5 700	5 400	4 700 *	40.0
42.0	43.0	38.9	5 400	5 100	4 900	4 200 *	42.0
44.0	39.9	36.6	4 900	4 600	4 400	3 800 *	44.0
46.0	36.4	34.0	4 400	4 200	4 000	3 400 *	46.0
48.0	32.7	31.0	3 900	3 700	3 600	3 000 *	48.0
50.0	28.5	27.5	3 500	3 400	3 200	2 700 *	50.0
52.0	23.7	23.4	3 100	3 000	2 900	2 400 *	52.0

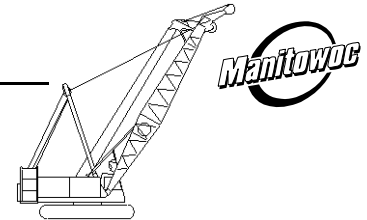


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
57.9m (190 Ft.) Boom							
9.8	82.4	59.2	44 900 *				9.8
10.0	82.1	59.1	44 900 *				10.0
11.0	81.1	59.0	44 300	33 900 *			11.0
12.0	80.1	58.8	39 000	32 700 *			12.0
13.0	79.1	58.6	34 800	30 900	26 500 *		13.0
14.0	78.1	58.4	31 300	28 200	25 400	21 800 *	14.0
15.0	77.1	58.2	28 400	25 700	23 400	20 800 *	15.0
16.0	76.1	57.9	25 900	23 500	21 500	19 500 *	16.0
18.0	74.0	57.4	21 800	20 000	18 400	16 600 *	18.0
20.0	71.9	56.7	18 700	17 300	16 000	14 400 *	20.0
22.0	69.8	56.0	16 300	15 100	14 000	12 600 *	22.0
24.0	67.7	55.2	14 300	13 300	12 400	11 100 *	24.0
26.0	65.6	54.3	12 600	11 800	11 000	9 900 *	26.0
28.0	63.3	53.4	11 100	10 400	9 800	8 800 *	28.0
30.0	61.1	52.3	10 000	9 400	8 800	7 900 *	30.0
32.0	58.8	51.1	8 900	8 400	7 900	7 000 *	32.0
34.0	56.4	49.8	8 000	7 500	7 100	6 300 *	34.0
36.0	54.0	48.4	7 200	6 800	6 400	5 600 *	36.0
38.0	51.5	46.8	6 500	6 100	5 800	5 100 *	38.0
40.0	48.9	45.1	5 800	5 500	5 200	4 500 *	40.0
42.0	46.2	43.3	5 200	5 000	4 700	4 100 *	42.0
44.0	43.4	41.2	4 700	4 500	4 200	3 600 *	44.0
46.0	40.4	38.9	4 200	4 000	3 800	3 300 *	46.0
48.0	37.2	36.4	3 800	3 600	3 400	2 800 *	48.0
50.0	33.7	33.5	3 400	3 200	3 000	2 500 *	50.0
52.0	29.9	30.2	3 000	2 900	2 700	2 200 *	52.0
54.0	25.6	26.3	2 700	2 500	2 400	1 900 *	54.0
56.0	20.4	21.5	2 300	2 200	2 100		56.0

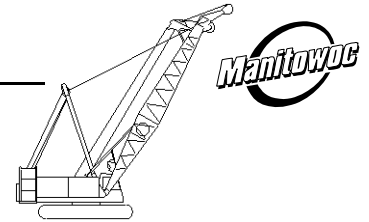


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	43 200 *			10.4
11.0	81.6	62.1	42 000 *			11.0
12.0	80.6	61.9	39 100	30 800 *		12.0
13.0	79.7	61.7	34 700	29 500	24 600 *	13.0
14.0	78.7	61.5	31 200	28 100	24 100	14.0
15.0	77.8	61.3	28 200	25 600	22 900	15.0
16.0	76.8	61.1	25 700	23 300	21 300	16.0
18.0	74.8	60.5	21 700	19 800	18 100	18.0
20.0	72.9	59.9	18 600	17 100	15 800	20.0
22.0	70.9	59.3	16 100	14 900	13 800	22.0
24.0	68.9	58.5	14 100	13 100	12 200	24.0
26.0	66.9	57.7	12 400	11 600	10 800	26.0
28.0	64.8	56.8	11 000	10 300	9 600	28.0
30.0	62.7	55.7	9 800	9 200	8 600	30.0
32.0	60.5	54.6	8 800	8 200	7 700	32.0
34.0	58.3	53.4	7 900	7 400	6 900	34.0
36.0	56.1	52.1	7 100	6 600	6 200	36.0
38.0	53.8	50.7	6 300	6 000	5 600	38.0
40.0	51.4	49.1	5 700	5 400	5 100	40.0
42.0	48.9	47.4	5 100	4 800	4 500	42.0
44.0	46.4	45.6	4 600	4 300	4 100	44.0
46.0	43.7	43.5	4 100	3 900	3 700	46.0
48.0	40.9	41.3	3 700	3 500	3 300	48.0
50.0	37.9	38.8	3 300	3 100	2 900	50.0
52.0	34.6	36.0	2 900	2 700	2 600	52.0
54.0	31.1	32.9	2 600	2 400	2 300	54.0
56.0	27.2	29.2	2 200	2 100	2 000	56.0

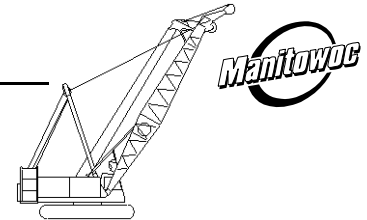


Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
64.0m (210 Ft.) Boom						
11.0	82.0	65.2	39 600 *			11.0
12.0	81.1	65.0	37 900 *	29 000 *		12.0
13.0	80.2	64.8	35 100	27 900 *		13.0
14.0	79.3	64.6	31 100	26 800	21 800 *	14.0
15.0	78.3	64.4	28 100	25 100	21 700 *	15.0
16.0	77.4	64.2	25 600	23 200	20 900	16.0
18.0	75.6	63.7	21 600	19 600	17 900	18.0
20.0	73.7	63.1	18 500	16 900	15 500	20.0
22.0	71.8	62.5	16 000	14 700	13 500	22.0
24.0	69.9	61.8	14 000	12 900	11 900	24.0
26.0	68.0	61.0	12 300	11 400	10 600	26.0
28.0	66.1	60.1	10 900	10 100	9 400	28.0
30.0	64.1	59.2	9 700	9 000	8 400	30.0
32.0	62.1	58.1	8 600	8 000	7 500	32.0
34.0	60.0	57.0	7 700	7 200	6 700	34.0
36.0	57.9	55.8	6 900	6 500	6 000	36.0
38.0	55.8	54.4	6 200	5 800	5 400	38.0
40.0	53.6	53.0	5 500	5 200	4 800	40.0
42.0	51.3	51.4	5 000	4 600	4 400	42.0
44.0	48.9	49.7	4 400	4 200	3 900	44.0
46.0	46.5	47.9	4 000	3 700	3 500	46.0
48.0	43.9	45.9	3 500	3 300	3 100	48.0
50.0	41.3	43.6	3 100	2 900	2 700	50.0
52.0	38.4	41.2	2 700	2 600	2 400	52.0
54.0	35.4	38.5	2 400	2 300	2 100	54.0
56.0	32.2	35.5	2 100	2 000	1 800	56.0



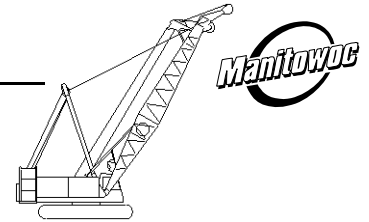
Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms
67.1m (220 Ft.) Boom				
11.0	82.4	68.2	37 200 *	
12.0	81.5	68.1	35 600 *	
13.0	80.6	67.9	33 700	26 000 *
14.0	79.8	67.7	31 100	25 300 *
15.0	78.9	67.5	28 200	24 300 *
16.0	78.0	67.3	25 500	22 800
18.0	76.3	66.8	21 500	19 400
20.0	74.5	66.3	18 400	16 700
22.0	72.7	65.7	15 900	14 600
24.0	70.9	65.0	13 900	12 800
26.0	69.1	64.3	12 200	11 300
28.0	67.2	63.5	10 800	10 000
30.0	65.3	62.6	9 600	8 900
32.0	63.4	61.6	8 500	7 900
34.0	61.5	60.5	7 600	7 100
36.0	59.5	59.4	6 800	6 300
38.0	57.5	58.1	6 100	5 700
40.0	55.5	56.8	5 400	5 100
42.0	53.3	55.3	4 800	4 500
44.0	51.2	53.7	4 300	4 000
46.0	48.9	52.0	3 900	3 600
48.0	46.6	50.2	3 400	3 200
50.0	44.2	48.2	3 000	2 800
52.0	41.7	46.0	2 600	2 500
54.0	39.0	43.6	2 300	2 100
56.0	36.1	41.0	2 000	1 800

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms
70.1m (230 Ft.) Boom				
11.6	82.2	71.2	35 500 *	
12.0	81.9	71.2	35 300 *	
13.0	81.0	71.0	34 000	
14.0	80.2	70.8	31 000	23 800 *
15.0	79.4	70.6	28 000	23 600 *
16.0	78.5	70.4	25 400	22 700
18.0	76.9	70.0	21 300	19 200
20.0	75.2	69.5	18 200	16 500
22.0	73.5	68.9	15 700	14 300
24.0	71.8	68.3	13 700	12 500
26.0	70.0	67.5	12 000	11 000
28.0	68.3	66.8	10 600	9 800
30.0	66.5	65.9	9 400	8 700
32.0	64.7	65.0	8 300	7 700
34.0	62.9	64.0	7 400	6 900
36.0	61.0	62.9	6 600	6 100
38.0	59.1	61.7	5 900	5 500
40.0	57.2	60.5	5 300	4 900
42.0	55.2	59.1	4 700	4 300
44.0	53.2	57.6	4 200	3 800
46.0	51.1	56.0	3 700	3 400
48.0	48.9	54.3	3 200	3 000
50.0	46.7	52.5	2 900	2 600
52.0	44.4	50.5	2 500	2 300
54.0	42.0	48.3	2 100	1 900
56.0	39.5	46.0	1 800	



Liftcrane Boom Capacities

Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
73.2m (240 Ft.) Boom			
11.6	82.5	74.3	29 900 *
12.0	82.2	74.2	29 900 *
13.0	81.4	74.1	29 900 *
14.0	80.6	73.9	29 400
15.0	79.8	73.7	27 600
16.0	79.0	73.6	25 500
18.0	77.4	73.1	21 200
20.0	75.8	72.6	18 100
22.0	74.2	72.1	15 600
24.0	72.5	71.5	13 600
26.0	70.9	70.8	11 900
28.0	69.2	70.0	10 500
30.0	67.5	69.2	9 300
32.0	65.8	68.3	8 200
34.0	64.1	67.4	7 300
36.0	62.3	66.4	6 500
38.0	60.5	65.3	5 800
40.0	58.7	64.1	5 100
42.0	56.8	62.8	4 500
44.0	54.9	61.4	4 000
46.0	53.0	59.9	3 600
48.0	51.0	58.3	3 100
50.0	48.9	56.6	2 700
52.0	46.8	54.8	2 400
54.0	44.6	52.8	2 000

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
76.2m (250 Ft.) Boom			
12.2	82.4	77.3	28 700 *
13.0	81.8	77.2	28 400 *
14.0	81.0	77.0	28 100
15.0	80.2	76.8	27 200
16.0	79.5	76.7	25 500
18.0	77.9	76.2	21 100
20.0	76.4	75.8	18 000
22.0	74.8	75.2	15 500
24.0	73.3	74.7	13 400
26.0	71.7	74.0	11 800
28.0	70.1	73.3	10 300
30.0	68.5	72.5	9 100
32.0	66.8	71.7	8 100
34.0	65.2	70.8	7 100
36.0	63.5	69.8	6 300
38.0	61.8	68.8	5 600
40.0	60.1	67.6	5 000
42.0	58.3	66.4	4 400
44.0	56.5	65.1	3 900
46.0	54.7	63.7	3 400
48.0	52.8	62.2	3 000
50.0	50.9	60.6	2 600
52.0	48.9	58.9	2 200