

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

European Standards

14 m/s Maximum Wind
thru 45,7m Boom

10 m/s with
48,8m thru 64,0m Boom

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 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 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, etc., beneath boom point sheaves, is considered part of main boom load. Reeved hoist line included in boom weight. 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. 8444-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 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 positioning boom at 68 degrees when wind exceeds conditions stated in column A. Lower boom to ground when wind is above 22 m/s (column B).

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.

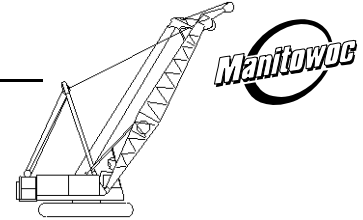
MACHINE EQUIPMENT: Machine equipped with 7 264 mm crawlers, 1 219 mm treads, 7 010 mm live mast, 16 part boom hoist reeving, boom support straps, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed) and 32 430 kg crane counterweight.

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.

Maximum Wind Speeds		
Boom Lengths	A Working Wind	B Lower To Ground
15,2m - 45,7m	14 m/s	22 m/s
48,8m - 64,0m	10 m/s	22 m/s



32 430 kg Crane Counterweight
4 Side Boxes



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Maximum Boom Lengths Lifted Unassisted		
	Over End of Blocked Crawlers	Over Side of Crawlers
List	Boom Length	Boom Length
0 Degree	(a,b) 64,0m (b) 61,0m	54,9m
1 Degree	(a,b) 61,0m (b) 57,9m	51,8m
2 Degree	(b) 57,9m	51,8m
3 Degree	54,9m	51,8m

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

Upper Boom Point Deduct

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

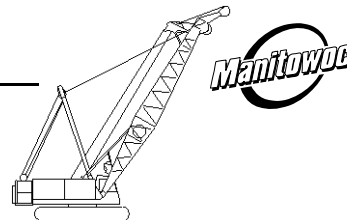
**Wire Rope Guide Deduct
(For Third Line)**

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

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	118 900 b	107 900 b	85 400 *b		4,6
5,0	78,9	16,7	104 600 b	95 900 b	77 700 *b	66 600 *b	5,0
5,5	77,0	16,6	91 700 b	84 800 b	70 300 *b	60 100 *b	5,5
6,0	75,0	16,4	81 500 b	75 900 b	64 100 *b	54 700 *b	6,0
7,0	71,1	16,1	66 300 b	62 500 b	54 400 *b	46 300 *b	7,0
8,0	67,0	15,6	55 500	52 400	47 100 *	39 900 *	8,0
9,0	62,7	15,1	46 100	43 900	41 400 *	35 000 *	9,0
10,0	58,3	14,5	39 300	37 700	36 100	31 000 *	10,0
11,0	53,7	13,8	34 000	32 800	31 500	27 800 *	11,0
12,0	48,7	12,9	29 900	28 900	27 900	25 100 *	12,0
13,0	43,3	11,9	26 500	25 800	25 000	22 800 *	13,0
14,0	37,2	10,6	23 700	23 100	22 500	20 900 *	14,0
15,0	30,0	9,0	21 400	21 000	20 400	19 100 *	15,0

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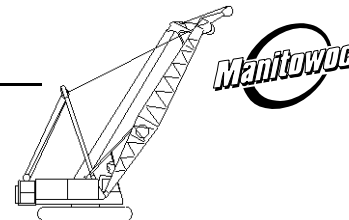
10 m/s with
48,8m thru 64,0m Boom

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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
18,3m (60 Ft.) Boom							
4,6	82,2	19,9	111 500 b				4,6
5,0	80,8	19,8	98 800 b	89 800 b			5,0
5,5	79,2	19,7	87 100 b	79 800 b	70 300 * b	60 100 * b	5,5
6,0	77,6	19,6	77 800 b	71 800 b	64 100 * b	54 600 * b	6,0
7,0	74,3	19,3	63 800 b	59 600 b	54 300 * b	46 200 * b	7,0
8,0	71,0	19,0	53 900	50 800	47 100 *	39 900 *	8,0
9,0	67,6	18,5	46 200	43 700	41 100	34 900 *	9,0
10,0	64,2	18,1	39 400	37 400	35 500	31 000 *	10,0
11,0	60,6	17,5	34 200	32 700	31 100	27 800 *	11,0
12,0	56,8	16,8	30 000	28 800	27 600	25 100 *	12,0
13,0	52,9	16,1	26 600	25 600	24 700	22 800 *	13,0
14,0	48,8	15,2	23 900	23 100	22 300	20 900 *	14,0
15,0	44,3	14,2	21 500	20 900	20 200	19 200 *	15,0
16,0	39,5	13,0	19 500	19 000	18 400	17 700 *	16,0
18,0	27,5	9,8	16 300	16 000	15 600	15 200 *	18,0
21,3m (70 Ft.) Boom							
4,9	82,5	22,9	96 500 b				4,9
5,0	82,1	22,9	93 600 b				5,0
5,5	80,8	22,8	82 900 b	75 300 b	69 000 b		5,5
6,0	79,4	22,7	74 300 b	68 000 b	62 600 b	54 500 * b	6,0
7,0	76,6	22,5	61 300 b	56 800 b	52 800 b	46 100 * b	7,0
8,0	73,8	22,2	52 000	48 600	45 600	39 800 *	8,0
9,0	71,0	21,8	44 900	42 300	39 900	34 800 *	9,0
10,0	68,1	21,4	39 300	37 200	35 000	30 900 *	10,0
11,0	65,1	21,0	34 100	32 400	30 600	27 700 *	11,0
12,0	62,1	20,4	30 000	28 600	27 200	25 000 *	12,0
13,0	59,0	19,8	26 600	25 500	24 300	22 700 *	13,0
14,0	55,7	19,2	23 800	22 900	21 900	20 800	14,0
15,0	52,3	18,4	21 500	20 700	19 900	19 100	15,0
16,0	48,8	17,5	19 500	18 800	18 100	17 500	16,0
18,0	41,0	15,4	16 300	15 800	15 400	14 900	18,0
20,0	31,5	12,5	13 800	13 500	13 100	12 800	20,0

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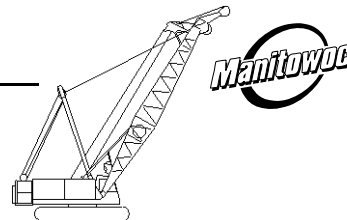
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24,4m (80 Ft.) Boom							
5,2	82,7	26,0	85 000 b				5,2
5,5	81,9	25,9	79 000 b	71 500 b			5,5
6,0	80,7	25,8	71 200 b	64 700 b			6,0
7,0	78,3	25,6	59 100 b	54 400 b	50 300 b	46 100 *b	7,0
8,0	75,9	25,4	50 400	46 800	43 600	39 700 *	8,0
9,0	73,5	25,1	43 700	40 800	38 300	34 800 *	9,0
10,0	71,0	24,7	38 400	36 200	34 100	30 900 *	10,0
11,0	68,5	24,3	34 200	32 200	30 200	27 700 *	11,0
12,0	65,9	23,9	30 000	28 400	26 900	25 000 *	12,0
13,0	63,2	23,4	26 700	25 300	24 100	22 700	13,0
14,0	60,5	22,8	23 900	22 800	21 700	20 700	14,0
15,0	57,8	22,2	21 500	20 600	19 700	18 800	15,0
16,0	54,9	21,5	19 500	18 800	18 000	17 200	16,0
18,0	48,8	19,8	16 300	15 800	15 200	14 600	18,0
20,0	42,1	17,8	13 800	13 400	13 000	12 600	20,0
22,0	34,2	15,1	11 900	11 600	11 300	10 900	22,0
24,0	24,2	11,3	10 400	10 100	9 900	9 600	24,0
27,4m (90 Ft.) Boom							
5,5	82,9	29,0	75 500 b				5,5
6,0	81,8	28,9	68 000 b				6,0
7,0	79,7	28,7	56 800 b	51 900 b	47 800 b		7,0
8,0	77,5	28,5	48 500	44 800	41 500	38 500	8,0
9,0	75,4	28,2	42 200	39 200	36 600	34 200	9,0
10,0	73,2	27,9	37 100	34 800	32 600	30 600	10,0
11,0	71,0	27,6	33 100	31 100	29 300	27 400 *	11,0
12,0	68,7	27,2	29 700	28 000	26 400	24 700	12,0
13,0	66,4	26,8	26 600	25 100	23 600	22 200	13,0
14,0	64,1	26,3	23 600	22 400	21 200	20 100	14,0
15,0	61,8	25,7	21 300	20 300	19 200	18 300	15,0
16,0	59,3	25,1	19 300	18 400	17 500	16 700	16,0
18,0	54,3	23,8	16 100	15 500	14 800	14 200	18,0
20,0	48,8	22,1	13 700	13 200	12 600	12 200	20,0
22,0	42,9	20,1	11 700	11 300	10 900	10 500	22,0
24,0	36,2	17,6	10 100	9 800	9 500	9 200	24,0
26,0	28,0	14,2	8 800	8 600	8 400	8 200	26,0

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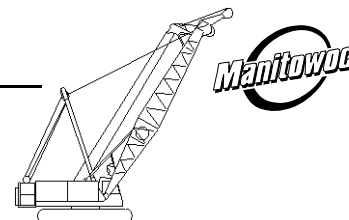
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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
30,5m (100 Ft.) Boom							
5,8	83,0	32,0	68 000 b				5,8
6,0	82,6	32,0	65 400 b				6,0
7,0	80,7	31,8	54 900 b	49 900 b			7,0
8,0	78,8	31,6	47 100	43 200	39 800	36 800	8,0
9,0	76,9	31,4	41 000	38 000	35 200	32 700	9,0
10,0	74,9	31,1	36 200	33 700	31 500	29 400	10,0
11,0	72,9	30,8	32 300	30 300	28 400	26 600	11,0
12,0	71,0	30,5	29 100	27 300	25 700	24 200	12,0
13,0	68,9	30,1	26 300	24 800	23 300	22 000	13,0
14,0	66,9	29,7	23 800	22 400	21 100	19 800	14,0
15,0	64,8	29,2	21 400	20 300	19 100	18 100	15,0
16,0	62,7	28,7	19 400	18 400	17 400	16 500	16,0
18,0	58,3	27,5	16 200	15 500	14 700	14 000	18,0
20,0	53,7	26,1	13 700	13 100	12 600	12 000	20,0
22,0	48,9	24,4	11 700	11 300	10 800	10 400	22,0
24,0	43,6	22,4	10 200	9 800	9 400	9 100	24,0
26,0	37,6	20,0	8 800	8 600	8 200	8 000	26,0
28,0	30,8	17,0	7 700	7 500	7 300	7 100	28,0
30,0	22,0	12,7	6 900	6 700	6 500	6 300	30,0
33,5m (110 Ft.) Boom							
6,7	82,1	35,0	55 500				6,7
7,0	81,6	34,9	53 000				7,0
8,0	79,8	34,7	45 500	41 500	38 000	35 000	8,0
9,0	78,1	34,5	39 700	36 500	33 700	31 200	9,0
10,0	76,3	34,3	35 100	32 500	30 200	28 000	10,0
11,0	74,5	34,0	31 400	29 200	27 200	25 400	11,0
12,0	72,8	33,7	28 200	26 400	24 700	23 100	12,0
13,0	70,9	33,3	25 600	24 000	22 500	21 200	13,0
14,0	69,1	33,0	23 300	21 900	20 600	19 300	14,0
15,0	67,3	32,5	21 200	19 900	18 700	17 600	15,0
16,0	65,4	32,1	19 200	18 200	17 000	16 100	16,0
18,0	61,5	31,0	16 000	15 200	14 300	13 600	18,0
20,0	57,5	29,8	13 500	12 900	12 200	11 600	20,0
22,0	53,3	28,4	11 500	11 000	10 500	10 000	22,0
24,0	48,9	26,7	9 900	9 500	9 100	8 700	24,0
26,0	44,1	24,8	8 600	8 300	7 900	7 600	26,0
28,0	38,8	22,4	7 500	7 300	7 000	6 700	28,0
30,0	32,8	19,5	6 600	6 400	6 200	5 900	30,0
32,0	25,6	15,8	5 800	5 700	5 500	5 300	32,0

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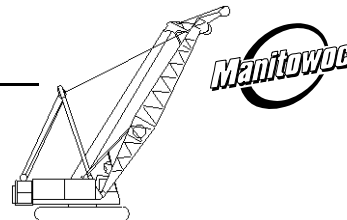
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36,6m (120 Ft.) Boom							
6,7	82,7	38,0	53 500				6,7
7,0	82,3	38,0	51 200				7,0
8,0	80,7	37,8	44 100	40 000	36 500		8,0
9,0	79,1	37,7	38 600	35 300	32 400	29 900	9,0
10,0	77,5	37,4	34 200	31 500	29 100	26 900	10,0
11,0	75,9	37,2	30 600	28 300	26 300	24 400	11,0
12,0	74,2	36,9	27 600	25 600	23 900	22 300	12,0
13,0	72,6	36,6	25 000	23 300	21 800	20 400	13,0
14,0	70,9	36,2	22 800	21 400	20 000	18 800	14,0
15,0	69,3	35,8	20 900	19 600	18 400	17 200	15,0
16,0	67,6	35,4	19 100	18 000	16 900	15 800	16,0
18,0	64,1	34,5	16 000	15 100	14 200	13 300	18,0
20,0	60,5	33,4	13 400	12 800	12 100	11 400	20,0
22,0	56,8	32,2	11 500	10 900	10 400	9 800	22,0
24,0	53,0	30,7	9 900	9 400	9 000	8 500	24,0
26,0	48,9	29,0	8 600	8 200	7 800	7 400	26,0
28,0	44,5	27,1	7 500	7 200	6 800	6 500	28,0
30,0	39,8	24,8	6 500	6 300	6 000	5 700	30,0
32,0	34,5	22,1	5 700	5 500	5 300	5 100	32,0
34,0	28,3	18,7	5 000	4 800	4 700	4 500	34,0
36,0	20,4	14,1	4 500	4 300	4 200	4 000	36,0

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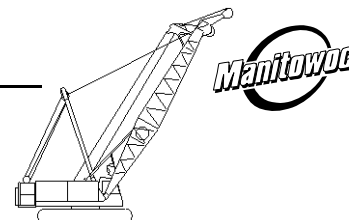
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39,6m (130 Ft.) Boom							
7,3	82,4	41,0	47 000				7,3
8,0	81,4	40,9	42 600	38 500			8,0
9,0	79,9	40,8	37 400	34 000	31 100		9,0
10,0	78,5	40,5	33 200	30 400	27 900	25 700	10,0
11,0	77,0	40,3	29 700	27 300	25 200	23 300	11,0
12,0	75,5	40,1	26 800	24 800	22 900	21 300	12,0
13,0	74,0	39,8	24 300	22 500	21 000	19 500	13,0
14,0	72,5	39,5	22 100	20 600	19 300	18 000	14,0
15,0	70,9	39,1	20 300	19 000	17 700	16 600	15,0
16,0	69,4	38,7	18 600	17 500	16 300	15 300	16,0
18,0	66,2	37,9	15 700	14 800	13 800	12 900	18,0
20,0	63,0	36,9	13 300	12 500	11 700	11 000	20,0
22,0	59,7	35,8	11 300	10 600	10 000	9 500	22,0
24,0	56,3	34,5	9 600	9 100	8 700	8 200	24,0
26,0	52,7	33,0	8 300	7 900	7 500	7 100	26,0
28,0	48,9	31,3	7 200	6 900	6 500	6 200	28,0
30,0	44,9	29,4	6 200	6 000	5 700	5 400	30,0
32,0	40,5	27,2	5 400	5 200	4 900	4 700	32,0
34,0	35,8	24,5	4 700	4 600	4 300	4 100	34,0
36,0	30,4	21,4	4 200	4 000	3 800	3 600	36,0
38,0	23,8	17,3	3 600	3 500	3 400	3 200	38,0

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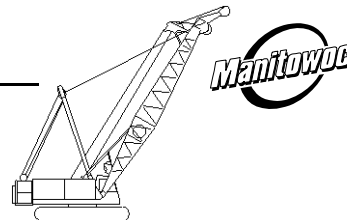
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42,7m (140 Ft.) Boom							
7,3	83,0	44,1	45 500				7,3
8,0	82,0	44,0	41 400				8,0
9,0	80,7	43,9	36 400	33 000			9,0
10,0	79,3	43,7	32 400	29 500	27 000	24 800	10,0
11,0	77,9	43,5	29 000	26 600	24 400	22 500	11,0
12,0	76,5	43,2	26 200	24 100	22 200	20 600	12,0
13,0	75,2	42,9	23 800	22 000	20 300	18 900	13,0
14,0	73,8	42,7	21 700	20 100	18 700	17 400	14,0
15,0	72,3	42,3	19 900	18 500	17 200	16 100	15,0
16,0	70,9	42,0	18 300	17 000	15 900	14 900	16,0
18,0	68,0	41,2	15 600	14 600	13 700	12 800	18,0
20,0	65,1	40,3	13 300	12 400	11 600	10 900	20,0
22,0	62,1	39,3	11 300	10 600	10 000	9 300	22,0
24,0	59,0	38,1	9 600	9 100	8 600	8 100	24,0
26,0	55,8	36,8	8 300	7 900	7 400	7 000	26,0
28,0	52,4	35,3	7 200	6 800	6 400	6 100	28,0
30,0	48,9	33,6	6 200	5 900	5 600	5 300	30,0
32,0	45,2	31,7	5 400	5 200	4 900	4 600	32,0
34,0	41,2	29,5	4 700	4 500	4 200	4 000	34,0
36,0	36,9	27,0	4 100	3 900	3 700	3 500	36,0
38,0	32,0	24,0	3 600	3 400	3 200	3 100	38,0
40,0	26,4	20,3	3 100	3 000	2 800	2 700	40,0
42,0	19,2	15,4	2 700	2 600	2 500	2 400	42,0

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

Capacities indicated by (b) require 4 540 kg minimum weight.



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

European Standards

14 m/s Maximum Wind
thru 45,7m Boom

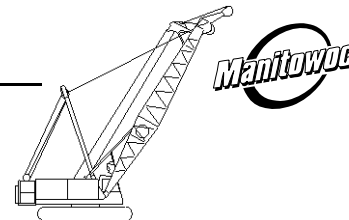
10 m/s with
48,8m thru 64,0m Boom

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
45,7m (150 Ft.) Boom							
7,9	82,7	47,1	40 500				7,9
8,0	82,6	47,1	40 100				8,0
9,0	81,3	47,0	35 300	31 800			9,0
10,0	80,0	46,8	31 400	28 400	25 900		10,0
11,0	78,7	46,6	28 200	25 600	23 500	21 500	11,0
12,0	77,5	46,3	25 400	23 300	21 400	19 700	12,0
13,0	76,2	46,1	23 100	21 200	19 500	18 100	13,0
14,0	74,9	45,8	21 000	19 400	18 000	16 600	14,0
15,0	73,6	45,5	19 300	17 800	16 500	15 300	15,0
16,0	72,2	45,2	17 700	16 500	15 300	14 200	16,0
18,0	69,6	44,5	15 100	14 100	13 100	12 300	18,0
20,0	66,9	43,7	13 000	12 200	11 300	10 500	20,0
22,0	64,1	42,7	11 000	10 300	9 600	9 000	22,0
24,0	61,3	41,7	9 400	8 900	8 300	7 700	24,0
26,0	58,3	40,5	8 100	7 600	7 100	6 700	26,0
28,0	55,3	39,1	6 900	6 600	6 100	5 700	28,0
30,0	52,2	37,6	6 000	5 700	5 300	5 000	30,0
32,0	48,9	35,9	5 200	4 900	4 600	4 300	32,0
34,0	45,4	34,0	4 500	4 200	3 900	3 700	34,0
36,0	41,8	31,9	3 800	3 600	3 400	3 200	36,0
38,0	37,8	29,4	3 300	3 100	2 900	2 700	38,0
40,0	33,4	26,5	2 800	2 700	2 500	2 300	40,0
42,0	28,4	23,1	2 400	2 300	2 200	2 000	42,0
44,0	22,4	18,8	2 100	1 900	1 800		44,0

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

Capacities indicated by (b) require 4 540 kg minimum weight.



Liftcrane Boom Capacities

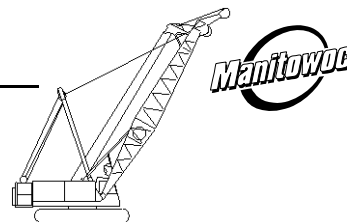
Boom No. 84
32 430 kg Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating
European Standards
**14 m/s Maximum Wind
thru 45,7m Boom**
**10 m/s with
48,8m thru 64,0m Boom**

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	36 400				8,5
9,0	81,8	50,0	34 400				9,0
10,0	80,6	49,9	30 600	27 600	25 000		10,0
11,0	79,5	49,7	27 500	25 000	22 700	20 800	11,0
12,0	78,3	49,5	24 900	22 700	20 700	19 000	12,0
13,0	77,0	49,2	22 600	20 700	19 000	17 500	13,0
14,0	75,8	49,0	20 600	18 900	17 400	16 100	14,0
15,0	74,6	48,7	18 900	17 400	16 100	14 800	15,0
16,0	73,4	48,4	17 400	16 100	14 900	13 700	16,0
18,0	70,9	47,7	14 800	13 700	12 800	11 800	18,0
20,0	68,4	47,0	12 700	11 900	11 000	10 300	20,0
22,0	65,8	46,1	11 000	10 300	9 600	8 800	22,0
24,0	63,2	45,1	9 400	8 800	8 200	7 600	24,0
26,0	60,5	44,0	8 100	7 600	7 000	6 500	26,0
28,0	57,8	42,8	6 900	6 500	6 000	5 700	28,0
30,0	54,9	41,4	6 000	5 600	5 200	4 800	30,0
32,0	52,0	39,9	5 100	4 800	4 500	4 200	32,0
34,0	48,9	38,2	4 400	4 100	3 900	3 600	34,0
36,0	45,7	36,3	3 800	3 500	3 300	3 100	36,0
38,0	42,2	34,2	3 200	3 000	2 800	2 600	38,0
40,0	38,6	31,8	2 700	2 500	2 400	2 200	40,0
42,0	34,6	29,0	2 300	2 200	2 000		42,0
44,0	30,1	25,8	1 900	1 800			44,0

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

Capacities indicated by (b) require 4 540 kg minimum weight.



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

European Standards

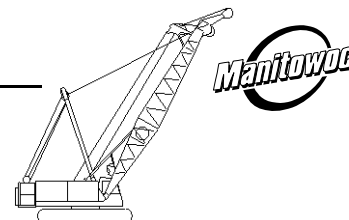
14 m/s Maximum Wind
thru 45,7m Boom

10 m/s with
48,8m thru 64,0m Boom

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
51,8m (170 Ft.) Boom							
8,5	82,8	53,2	35 200				8,5
9,0	82,3	53,1	33 300				9,0
10,0	81,2	53,0	29 700	26 700			10,0
11,0	80,1	52,8	26 700	24 100	21 800		11,0
12,0	79,0	52,6	24 100	21 900	19 900	18 200	12,0
13,0	77,8	52,4	21 900	20 000	18 200	16 700	13,0
14,0	76,7	52,1	20 000	18 300	16 700	15 300	14,0
15,0	75,5	51,9	18 300	16 800	15 400	14 200	15,0
16,0	74,4	51,6	16 800	15 500	14 300	13 100	16,0
18,0	72,1	51,0	14 300	13 200	12 200	11 300	18,0
20,0	69,7	50,2	12 300	11 400	10 600	9 800	20,0
22,0	67,3	49,4	10 600	9 800	9 100	8 500	22,0
24,0	64,9	48,5	9 200	8 500	7 900	7 300	24,0
26,0	62,4	47,5	7 800	7 300	6 800	6 200	26,0
28,0	59,9	46,4	6 700	6 200	5 800	5 300	28,0
30,0	57,3	45,1	5 700	5 400	4 900	4 600	30,0
32,0	54,6	43,7	4 900	4 600	4 200	3 900	32,0
34,0	51,8	42,2	4 200	3 900	3 600	3 300	34,0
36,0	48,9	40,5	3 600	3 300	3 000	2 800	36,0
38,0	45,9	38,7	3 000	2 800	2 500	2 300	38,0
40,0	42,7	36,5	2 500	2 300	2 100		40,0
42,0	39,3	34,2	2 000	1 900			42,0

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 4 540 kg minimum weight.



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

European Standards

**14 m/s Maximum Wind
thru 45,7m Boom**

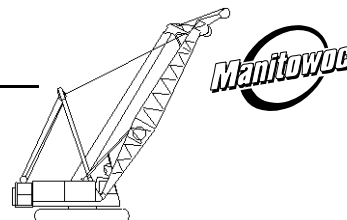
**10 m/s with
48,8m thru 64,0m Boom**

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	31 800				9,1
10,0	81,7	56,0	28 900	25 800			10,0
11,0	80,6	55,9	26 000	23 300	21 100		11,0
12,0	79,6	55,7	23 500	21 200	19 200	17 400	12,0
13,0	78,5	55,5	21 300	19 300	17 600	16 000	13,0
14,0	77,4	55,3	19 400	17 700	16 100	14 700	14,0
15,0	76,4	55,0	17 800	16 300	14 800	13 600	15,0
16,0	75,3	54,8	16 400	15 000	13 700	12 600	16,0
18,0	73,1	54,2	13 900	12 800	11 800	10 800	18,0
20,0	70,9	53,5	11 900	11 000	10 100	9 300	20,0
22,0	68,7	52,7	10 300	9 500	8 800	8 100	22,0
24,0	66,4	51,9	8 900	8 200	7 600	7 000	24,0
26,0	64,1	51,0	7 700	7 100	6 500	6 000	26,0
28,0	61,7	49,9	6 500	6 100	5 600	5 100	28,0
30,0	59,3	48,7	5 600	5 200	4 800	4 300	30,0
32,0	56,8	47,5	4 800	4 400	4 000	3 700	32,0
34,0	54,3	46,1	4 000	3 700	3 400	3 100	34,0
36,0	51,7	44,5	3 400	3 100	2 800	2 600	36,0
38,0	48,9	42,8	2 800	2 600	2 300	2 100	38,0
40,0	46,1	41,0	2 400	2 100			40,0
42,0	43,0	38,9	1 900				42,0

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

Capacities indicated by (b) require 4 540 kg minimum weight.



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

European Standards

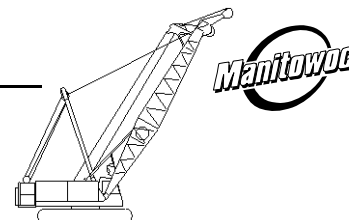
14 m/s Maximum Wind
thru 45,7m Boom

10 m/s with
48,8m thru 64,0m Boom

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
57,9m (190 Ft.) Boom						
9,8	82,4	59,2	28 900			9,8
10,0	82,1	59,1	28 200			10,0
11,0	81,1	59,0	25 400	22 700		11,0
12,0	80,1	58,8	23 000	20 600		12,0
13,0	79,1	58,6	20 900	18 800	17 100	13,0
14,0	78,1	58,4	19 100	17 300	15 700	14,0
15,0	77,1	58,2	17 500	15 900	14 400	15,0
16,0	76,1	57,9	16 100	14 600	13 300	16,0
18,0	74,0	57,4	13 700	12 500	11 400	18,0
20,0	71,9	56,7	11 700	10 700	9 800	20,0
22,0	69,8	56,0	10 100	9 200	8 500	22,0
24,0	67,7	55,2	8 700	8 000	7 400	24,0
26,0	65,6	54,3	7 500	6 900	6 300	26,0
28,0	63,3	53,3	6 500	6 000	5 500	28,0
30,0	61,1	52,3	5 600	5 100	4 700	30,0
32,0	58,8	51,1	4 700	4 400	3 900	32,0
34,0	56,4	49,8	4 000	3 700	3 300	34,0
36,0	54,0	48,4	3 300	3 100	2 700	36,0
38,0	51,5	46,8	2 800	2 500	2 200	38,0
40,0	48,9	45,1	2 300	2 000		40,0

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 4 540 kg minimum weight.



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

European Standards

**14 m/s Maximum Wind
thru 45,7m Boom**

**10 m/s with
48,8m thru 64,0m Boom**

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	Oper. Radius Meters
61,0m (200 Ft.) Boom					
10,4	82,2	62,2	26 300		10,4
11,0	81,6	62,1	24 600		11,0
12,0	80,6	61,9	22 300	19 900	12,0
13,0	79,7	61,7	20 300	18 200	13,0
14,0	78,7	61,5	18 500	16 700	14,0
15,0	77,8	61,3	16 900	15 300	15,0
16,0	76,8	61,1	15 600	14 100	16,0
18,0	74,8	60,5	13 200	12 000	18,0
20,0	72,9	59,9	11 300	10 300	20,0
22,0	70,9	59,3	9 700	8 800	22,0
24,0	68,9	58,5	8 400	7 600	24,0
26,0	66,9	57,7	7 200	6 600	26,0
28,0	64,8	56,7	6 200	5 600	28,0
30,0	62,7	55,7	5 300	4 800	30,0
32,0	60,5	54,6	4 500	4 100	32,0
34,0	58,3	53,4	3 800	3 400	34,0
36,0	56,1	52,1	3 200	2 800	36,0
38,0	53,8	50,7	2 600	2 300	38,0
40,0	51,4	49,1	2 100		40,0

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	23 900
12,0	81,1	65,0	21 600
13,0	80,2	64,8	19 600
14,0	79,3	64,6	17 900
15,0	78,3	64,4	16 400
16,0	77,4	64,2	15 100
18,0	75,6	63,7	12 800
20,0	73,7	63,1	10 900
22,0	71,8	62,5	9 300
24,0	69,9	61,8	8 000
26,0	68,0	61,0	6 800
28,0	66,1	60,1	5 900
30,0	64,1	59,2	5 000
32,0	62,1	58,1	4 200
34,0	60,0	57,0	3 600
36,0	57,9	55,8	2 900
38,0	55,8	54,4	2 300

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

Capacities indicated by (b) require 4 540 kg minimum weight.