



Liftcrane Boom Capacities

69,000 lb Crane Counterweight
31,700 lb Carbody Counterweight
Crawler Crane on a Barge
0 Degree through 3 Degree Crane List
Extended Position Crawlers
360 Degree Rating

10000A-1

LIFTING CAPACITIES:

- Lifting capacities are for a crawler crane when operating on a barge. Machine to operate on a firm uniformly supporting surface with machine list not to exceed degrees noted. The user must limit rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, and multiple machine lifts).
- Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
- Weight of hooks, hook blocks, slings and other lifting devices beneath boom point sheaves are part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- Load radius is horizontal distance from axis of rotation to center of gravity of the freely suspended load. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of radius. In all cases, operating radius shall govern capacity.
- Least stable position is over the side.
- Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.
- In all cases, upper boom point capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 420 lb.
- Lifting capacities listed apply only to the machine as originally manufactured and designed. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
- Machine travel with load (pick and carry) is not permitted.
- Jib installation is prohibited when crane is on a barge.

OPERATING CONDITION:

- The machine must be reeved and set-up as stated in the Operator Manual. If this manual is missing, obtain replacement.
 - Boom backstops are required for all boom lengths.
 - Gantry must be fully raised position for all operation.
 - Crawlers must be fully extended and be locked in position.
 - Crane shall be positively secured to prevent shifting.
 - Refer to operator manual for operating guidelines.

Maximum Boom Lengths Lifted Unassisted	
Over End of Crawlers	
200 ft (a)	
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be attached on 200 ft boom.	

- See Operator Manual Section 6 for Wire Rope Specifications.
- Machine equipped with 20 ft 7 in crawlers, 36 in treads, 12 parts of boom hoist reeving, 69,000 lb crane counterweight and 31,700 lb carbody counterweight.

Hoist Reeving for Main Boom Loads

No. of Parts of Line	1	2	3	4
Maximum Loads (lb)	25,200	50,400	75,600	100,800

No. of Parts of Line	5	6	7	8
Maximum Loads (lb)	126,000	151,200	176,400	200,000

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

Hoist Reeving for Upper Boom Point

No. of Parts of Line	1
Maximum Loads (lb)	24,000

Manitowoc Cranes

Manitowoc, Wisconsin 54220 U.S.A.



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Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
50 ft Boom							
12	81.2	55.1	200,000 *				12
13	80.0	54.9	200,000 *				13
14	78.9	54.7	187,800 *				14
15	77.7	54.5	175,600 *				15
16	76.6	54.3	165,300 *				16
17	75.4	54.0	156,000 *				17
18	74.2	53.7	147,400 *	143,200 *			18
19	72.9	53.4	140,100 *	132,200 *			19
20	71.7	53.1	132,400	122,900			20
22	69.3	52.3	115,300	106,800	98,500 *		22
24	66.8	51.5	101,000	94,400	89,500 *	77,800 *	24
26	64.3	50.5	89,400	84,500	80,700	75,600 *	26
28	61.7	49.5	80,700	76,400	73,400	70,700	28
30	59.1	48.3	73,000	69,700	67,200	64,900	30
32	56.3	47.0	67,000	63,900	61,900	60,000	32
34	53.4	45.5	62,000	59,100	57,400	55,900	34
36	50.3	43.9	57,800	55,000	53,600	52,300	36
38	47.3	42.1	53,600	51,400	50,100	49,000	38
40	44.0	40.1	49,800	48,100	47,200	46,300	40
42	40.4	37.8	47,000	45,400	44,600	43,800	42
44	36.7	35.3	44,300	42,900	42,200	41,500	44
46	32.9	32.3	41,500	40,600	40,000	39,500	46
48	27.6	28.8	38,300	38,200 *	37,400 *	36,700 *	48
50	22.3	24.5	35,100	34,800 *	33,900 *		50



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60 ft Boom							
13	81.7	65.1	200,000 *				13
14	80.7	64.9	187,400 *				14
15	79.8	64.7	175,200 *				15
16	78.8	64.5	164,800 *				16
17	77.8	64.3	155,500 *				17
18	76.8	64.1	146,900 *				18
19	75.9	63.8	139,800 *	123,900 *			19
20	74.9	63.5	132,200	118,100 *			20
22	72.9	62.9	115,100	105,300			22
24	70.9	62.2	100,800	93,000	81,600 *		24
26	68.8	61.5	89,100	83,200	78,700		26
28	66.7	60.6	80,500	75,300	71,600	63,000 *	28
30	64.6	59.7	72,800	68,700	65,700	61,500 *	30
32	62.5	58.7	66,600	63,200	60,600	58,400	32
34	60.3	57.5	61,600	58,400	56,200	54,400	34
36	58.0	56.3	57,300	54,200	52,400	50,800	36
38	55.7	55.0	53,100	50,600	49,100	47,700	38
40	53.4	53.5	49,300	47,500	46,100	44,900	40
42	50.9	51.9	46,600	44,600	43,500	42,400	42
44	48.3	50.2	43,800	42,100	41,100	40,200	44
46	45.8	48.3	41,100	39,800	38,900	38,100	46
48	42.8	46.2	39,200	37,700	37,000	36,300	48
50	39.9	43.9	37,200	35,900	35,300	34,800	50
55	31.2	36.8	32,900	31,900 *	31,500 *	31,100 *	55
60	20.7	26.3	28,600 *				60



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70 ft Boom							
15	81.3	74.9	151,000 *				15
16	80.4	74.7	151,000 *				16
17	79.6	74.5	149,400 *				17
18	78.7	74.3	146,700 *				18
19	77.9	74.1	139,800 *				19
20	77.1	73.9	132,200				20
22	75.4	73.4	115,400				22
24	73.7	72.8	101,300	92,400			24
26	72.0	72.1	89,600	82,800	68,700 *		26
28	70.3	71.4	80,800	75,000	67,400 *		28
30	68.5	70.6	73,000	68,500	65,000	53,600 *	30
32	66.7	69.8	67,000	63,000	60,100	51,800 *	32
34	64.9	68.9	62,000	58,300	55,700	49,900 *	34
36	63.0	67.9	57,800	54,200	52,100	47,900 *	36
38	61.2	66.8	53,600	50,600	48,700	45,800	38
40	59.3	65.6	49,800	47,400	45,700	43,800	40
42	57.3	64.3	46,900	44,600	43,100	41,500	42
44	55.3	63.0	44,100	42,100	40,800	39,700	44
46	53.3	61.5	41,300	39,800	38,700	37,700	46
48	51.2	59.9	39,400	37,700	36,700	35,900	48
50	49.0	58.2	37,400	35,900	35,100	34,300	50
55	43.2	53.3	33,200	32,000	31,400	30,800	55
60	36.9	47.3	29,600	28,800	28,400	28,100	60
65	29.2	39.4	26,800	26,300 *	26,000 *	25,800 *	65



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80 ft Boom							
16	81.6	84.8	151,000 *				16
17	80.9	84.7	149,300 *				17
18	80.2	84.5	146,500 *				18
19	79.5	84.3	139,400 *				19
20	78.8	84.1	131,800				20
22	77.3	83.7	115,100				22
24	75.8	83.2	101,000				24
26	74.3	82.6	89,200	81,800			26
28	72.8	82.0	80,500	74,100			28
30	71.2	81.3	72,800	67,700	58,100 *		30
32	69.7	80.6	66,600	62,200	57,100 *	46,400 *	32
34	68.2	79.8	61,600	57,500	54,700	44,700 *	34
36	66.6	79.0	57,300	53,500	51,000	43,300 *	36
38	65.1	78.0	53,100	50,000	47,800	41,800 *	38
40	63.5	77.1	49,300	46,800	45,000	40,400 *	40
42	61.8	76.0	46,600	44,100	42,400	39,000 *	42
44	60.2	74.9	43,800	41,600	40,100	37,700	44
46	58.5	73.7	41,100	39,300	38,000	36,200	46
48	56.8	72.4	39,100	37,300	36,200	34,800	48
50	55.1	71.0	37,100	35,500	34,500	33,600	50
55	50.5	67.1	32,700	31,500	30,800	30,000	55
60	45.7	62.6	29,200	28,300	27,700	27,200	60
65	40.4	57.1	26,300	25,700	25,300	24,800	65
70	34.3	50.4	24,100	23,400	23,100	22,800	70
75	26.9	41.9	22,100	21,500	21,300	21,100	75

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90 ft Boom							
17	81.9	94.8	125,800 *				17
18	81.3	94.7	125,800 *				18
19	80.7	94.5	125,800 *				19
20	80.0	94.3	124,000 *				20
22	78.7	93.9	112,500 *				22
24	77.4	93.5	100,800				24
26	76.1	93.0	89,100				26
28	74.8	92.4	80,500	73,000 *			28
30	73.5	91.9	72,800	66,900			30
32	72.1	91.2	66,600	61,600	50,600 *		32
34	70.8	90.5	61,600	56,900	49,600 *		34
36	69.4	89.8	57,300	53,000	49,000 *	39,900 *	36
38	68.0	89.0	53,100	49,500	47,000	38,500 *	38
40	66.6	88.1	49,300	46,300	44,200	37,600 *	40
42	65.2	87.2	46,500	43,600	41,700	36,400 *	42
44	63.8	86.2	43,700	41,100	39,500	35,400 *	44
46	62.4	85.2	40,900	38,900	37,400	34,300	46
48	60.9	84.1	38,900	36,900	35,600	33,200	48
50	59.4	82.9	36,900	35,100	34,000	32,000	50
55	55.7	79.7	32,500	31,200	30,300	29,200	55
60	51.7	76.0	29,000	28,100	27,400	26,600	60
65	47.4	71.6	26,100	25,400	24,800	24,200	65
70	42.9	66.6	23,800	23,100	22,700	22,200	70
75	37.9	60.6	21,800	21,200	20,800	20,500	75
80	32.2	53.4	20,100	19,600	19,300	19,100	80
85	25.7	44.2	18,600	18,300	18,100	17,900	85



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100 ft Boom							
19	81.6	104.6	125,600 *				19
20	81.0	104.5	123,600 *				20
22	79.9	104.1	112,200 *				22
24	78.7	103.7	100,600				24
26	77.5	103.3	88,900				26
28	76.3	102.8	80,200				28
30	75.1	102.3	72,400				30
32	74.0	101.7	66,300	60,800			32
34	72.8	101.1	61,300	56,300			34
36	71.6	100.4	57,000	52,300	43,500 *		36
38	70.3	99.7	52,700	48,900	42,900 *		38
40	69.1	99.0	48,900	45,800	42,400 *	34,800 *	40
42	67.9	98.1	46,200	43,100	40,900 *	33,500 *	42
44	66.6	97.3	43,400	40,700	38,800	32,500 *	44
46	65.4	96.4	40,700	38,500	36,800	31,700 *	46
48	64.1	95.4	38,700	36,500	35,000	30,900 *	48
50	62.8	94.4	36,600	34,700	33,400	30,000 *	50
55	59.5	91.6	32,300	30,800	29,700	27,800 *	55
60	56.1	88.4	28,700	27,500	26,700	25,500	60
65	52.5	84.7	25,900	24,900	24,300	23,600	65
70	48.8	80.6	23,500	22,700	22,100	21,500	70
75	44.8	75.8	21,400	20,700	20,300	20,000	75
80	40.5	70.3	19,600	19,200	18,800	18,500	80
85	36.0	63.9	18,100	17,700	17,500	17,200	85
90	30.5	56.2	16,900	16,500	16,300	16,100	90
95	24.0	46.4	15,800	15,400	15,300	15,100	95

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110 ft Boom							
20	81.8	114.6	100,800 *				20
22	80.8	114.3	100,800 *				22
24	79.7	113.9	96,500 *				24
26	78.6	113.5	88,500 *				26
28	77.6	113.1	80,200				28
30	76.5	112.6	72,400				30
32	75.4	112.1	66,300				32
34	74.3	111.5	61,300	55,900 *			34
36	73.2	110.9	57,000	51,900			36
38	72.2	110.3	52,700	48,600			38
40	71.1	109.6	48,900	45,500	37,900 *		40
42	70.0	108.9	46,200	42,900	37,500 *		42
44	68.9	108.1	43,400	40,400	37,000 *	28,900 *	44
46	67.8	107.3	40,700	38,200	36,200 *	28,600 *	46
48	66.6	106.5	38,700	36,300	34,600	28,200 *	48
50	65.4	105.5	36,600	34,500	32,900	27,900 *	50
55	62.5	103.1	32,300	30,500	29,400	27,200 *	55
60	59.5	100.3	28,700	27,400	26,400	25,500	60
65	56.5	97.1	25,900	24,700	23,900	23,100	65
70	53.2	93.5	23,500	22,500	21,800	21,200	70
75	49.9	89.5	21,400	20,600	20,000	19,500	75
80	46.4	85.0	19,600	19,000	18,600	18,200	80
85	42.6	79.8	18,100	17,700	17,300	17,000	85
90	38.6	73.9	16,800	16,400	16,100	15,700	90
95	34.1	67.0	15,600	15,200	15,000	14,800	95
100	29.1	58.8	14,600	14,300	14,200	14,000	100
105	23.2	48.5	13,700	13,500	13,300		105



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120 ft Boom							
22	81.6	124.4	98,700 *				22
24	80.6	124.1	94,200 *				24
26	79.6	123.7	88,000 *				26
28	78.6	123.3	79,900				28
30	77.7	122.9	72,200				30
32	76.7	122.4	66,100				32
34	75.7	121.9	61,100	53,000 *			34
36	74.7	121.4	56,800	51,300			36
38	73.7	120.8	52,500	47,900			38
40	72.7	120.2	48,700	45,000	33,900 *		40
42	71.7	119.5	45,800	42,200	33,400 *		42
44	70.7	118.8	43,000	39,800	33,000 *		44
46	69.7	118.1	40,200	37,600	32,800 *		46
48	68.6	117.3	38,300	35,600	32,300 *		48
50	67.6	116.5	36,300	34,000	31,700 *	24,800 *	50
55	65.0	114.2	32,000	30,200	28,900	24,300 *	55
60	62.3	111.7	28,300	27,100	26,000	23,600 *	60
65	59.6	108.9	25,400	24,400	23,500	22,700	65
70	56.8	105.8	23,200	22,200	21,400	20,800	70
75	53.8	102.3	21,200	20,300	19,700	19,100	75
80	50.8	98.4	19,400	18,600	18,100	17,600	80
85	47.7	94.0	17,700	17,200	16,700	16,300	85
90	44.3	89.1	16,500	15,900	15,600	15,300	90
95	40.7	83.6	15,300	14,800	14,500	14,300	95
100	36.9	77.3	14,200	13,800	13,600	13,400	100
110	27.8	61.3	12,600	12,200	12,000	11,900	110
115	22.2	50.4	11,800	11,500			115

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130 ft Boom							
24	81.3	134.2	85,100 *				24
26	80.4	133.9	83,900 *				26
28	79.5	133.5	78,200 *				28
30	78.6	133.1	71,900				30
32	77.7	132.7	65,900				32
34	76.9	132.2	60,900				34
36	75.9	131.7	56,600				36
38	75.0	131.2	52,300	46,400 *			38
40	74.1	130.6	48,400	44,500			40
42	73.2	130.0	45,600	41,700			42
44	72.2	129.4	42,800	39,400	29,700 *		44
46	71.3	128.7	40,000	37,200	29,400 *		46
48	70.4	128.0	38,000	35,300	29,100 *		48
50	69.4	127.3	36,000	33,600	28,700 *		50
55	67.1	125.2	31,600	29,700	27,900 *	21,700 *	55
60	64.6	122.9	28,100	26,600	25,500	21,200 *	60
65	62.2	120.4	25,200	24,100	23,100	20,700 *	65
70	59.6	117.6	22,900	21,900	21,100	20,000 *	70
75	57.0	114.5	20,900	20,000	19,300	18,700	75
80	54.3	111.0	19,000	18,300	17,700	17,200	80
85	51.6	107.2	17,500	16,900	16,400	16,000	85
90	48.7	103.0	16,100	15,700	15,300	14,900	90
95	45.6	98.3	15,000	14,600	14,200	13,900	95
100	42.4	93.0	14,000	13,600	13,300	13,000	100
110	35.4	80.5	12,100	11,900	11,700	11,600	110
120	26.6	63.7	10,800	10,600	10,500	10,400	120
125	21.3	52.3	10,200	9,900			125



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Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
140 ft Boom							
24	81.9	144.3	72,900 *				24
26	81.1	144.0	71,800 *				26
28	80.3	143.7	70,800 *				28
30	79.4	143.3	69,000 *				30
32	78.6	142.9	64,700 *				32
34	77.8	142.5	60,500				34
36	76.9	142.0	56,200				36
38	76.1	141.5	52,000				38
40	75.2	141.0	48,200	41,500 *			40
42	74.4	140.4	45,400	40,600 *			42
44	73.5	139.9	42,600	38,900			44
46	72.7	139.2	39,800	36,800			46
48	71.8	138.6	37,800	34,900			48
50	71.0	137.9	35,800	33,200			50
55	68.8	136.0	31,400	29,400	25,100 *	19,200 *	55
60	66.6	134.0	27,800	26,200	24,500 *	18,700 *	60
65	64.3	131.6	25,000	23,500	22,400 *	18,300 *	65
70	62.0	129.1	22,600	21,300	20,500	17,900 *	70
75	59.7	126.2	20,500	19,500	18,700	17,400 *	75
80	57.3	123.1	18,700	17,800	17,200	16,600	80
85	54.8	119.7	17,200	16,400	15,800	15,400	85
90	52.2	116.0	15,900	15,200	14,700	14,300	90
95	49.5	111.9	14,600	14,100	13,700	13,300	95
100	46.8	107.3	13,600	13,100	12,800	12,500	100
110	40.8	96.8	11,900	11,400	11,200	11,000	110
120	34.0	83.6	10,300	10,100	9,900	9,800	120
130	25.7	66.0	9,200	9,100	8,900	8,800	130
135	20.5	54.1	8,800				135



Liftcrane Boom Capacities

69,000 lb Crane Counterweight

31,700 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
150 ft Boom							
26	81.7	154.1	62,200 *				26
28	80.9	153.8	61,300 *				28
30	80.1	153.5	60,400 *				30
32	79.4	153.1	59,400 *				32
34	78.6	152.7	57,200 *				34
36	77.8	152.3	54,100 *				36
38	77.0	151.8	51,000 *				38
40	76.3	151.3	48,000				40
42	75.5	150.8	45,200	37,100 *			42
44	74.7	150.3	42,400	36,600 *			44
46	73.9	149.7	39,600	35,800 *			46
48	73.1	149.1	37,500	34,500			48
50	72.3	148.5	35,500	32,800	23,300 *		50
55	70.3	146.7	31,200	29,000	22,700 *		55
60	68.2	144.8	27,600	25,800	22,000 *	16,800 *	60
65	66.2	142.7	24,800	23,300	21,600 *	16,500 *	65
70	64.0	140.3	22,400	21,100	20,100 *	16,100 *	70
75	61.9	137.7	20,300	19,200	18,300	15,700 *	75
80	59.6	134.9	18,500	17,600	17,000	15,400 *	80
85	57.4	131.8	17,000	16,200	15,500	14,900 *	85
90	55.2	128.4	15,700	14,900	14,400	14,000	90
95	52.8	124.8	14,400	13,800	13,300	13,000	95
100	50.3	120.7	13,400	12,800	12,500	12,100	100
110	45.1	111.5	11,700	11,200	10,900	10,700	110
120	39.3	100.4	10,300	9,900	9,600	9,400	120
130	32.8	86.6	8,900	8,800	8,600	8,400	130
140	24.3	68.2	8,000	7,800	7,700	7,600	140



Liftcrane Boom Capacities

69,000 lb Crane Counterweight
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Crawler Crane on a Barge
0 Degree through 3 Degree Crane List
Extended Position Crawlers
360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
160 ft Boom							
28	81.5	163.9	50,200 *				28
30	80.8	163.6	50,100 *				30
32	80.1	163.3	49,700 *				32
34	79.4	162.9	49,200 *				34
36	78.6	162.5	48,500 *				36
38	77.9	162.1	47,800 *				38
40	77.2	161.6	46,600 *				40
42	76.4	161.1	44,300 *				42
44	75.6	160.6	42,100 *	32,200 *			44
46	74.9	160.1	39,800	31,700 *			46
48	74.1	159.5	37,800	31,300 *			48
50	73.4	158.9	35,800	31,000 *			50
55	71.5	157.3	31,400	28,900 *	20,000 *		55
60	69.6	155.5	27,800	26,000	19,300 *		60
65	67.7	153.6	25,000	23,400	18,900 *	14,400 *	65
70	65.8	151.4	22,600	21,200	18,500 *	14,000 *	70
75	63.8	149.0	20,500	19,300	18,000 *	13,700 *	75
80	61.8	146.4	18,700	17,700	16,900	13,400 *	80
85	59.7	143.6	17,000	16,300	15,600	13,100 *	85
90	57.6	140.5	15,700	15,000	14,300	12,800 *	90
95	55.4	137.1	14,500	13,900	13,500	12,400 *	95
100	53.2	133.5	13,500	12,900	12,400	12,000	100
110	48.6	125.3	11,700	11,100	10,900	10,600	110
120	43.6	115.6	10,100	9,800	9,600	9,300	120
130	38.1	103.9	8,900	8,600	8,500	8,300	130
140	31.6	89.5	7,900	7,800	7,600	7,500	140
150	23.7	70.4	7,100	6,900	6,800	6,700	150

Manitowoc Cranes

Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

69,000 lb Crane Counterweight

31,700 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
170 ft Boom							
30	81.3	173.7	44,500 *				30
32	80.7	173.4	43,900 *				32
34	80.0	173.1	43,200 *				34
36	79.3	172.7	42,500 *				36
38	78.6	172.3	41,900 *				38
40	77.9	171.9	41,200 *				40
42	77.2	171.4	40,600 *				42
44	76.5	170.9	40,000 *				44
46	75.8	170.4	39,300 *				46
48	75.1	169.9	37,400 *	28,400 *			48
50	74.4	169.4	35,400 *	28,100 *			50
55	72.6	167.9	31,200	27,100 *	17,700 *		55
60	70.9	166.2	27,600	25,400 *	17,300 *		60
65	69.1	164.3	24,600	23,000	16,900 *		65
70	67.3	162.3	22,300	20,900	16,400 *	12,400 *	70
75	65.4	160.1	20,300	19,000	16,000 *	12,200 *	75
80	63.5	157.7	18,500	17,400	15,600 *	11,800 *	80
85	61.6	155.1	16,800	16,000	15,300	11,500 *	85
90	59.7	152.2	15,400	14,700	14,000	11,300 *	90
95	57.8	149.2	14,300	13,600	13,200	11,100 *	95
100	55.8	145.8	13,300	12,600	12,100	10,800 *	100
110	51.5	138.4	11,500	10,900	10,600	10,100 *	110
120	47.0	129.7	9,800	9,600	9,300	9,000	120
130	42.2	119.5	8,700	8,400	8,200	8,000	130
140	36.8	107.3	7,700	7,300	7,100	7,000	140
150	30.5	92.2	6,800	6,500	6,400	6,200 *	150
160	23.2	72.5	5,900	5,800 *	5,800 *	5,100 *	160



Liftcrane Boom Capacities

69,000 lb Crane Counterweight
31,700 lb Carbody Counterweight
Crawler Crane on a Barge
0 Degree through 3 Degree Crane List
Extended Position Crawlers
360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
180 ft Boom							
30	81.8	183.9	39,300 *				30
32	81.2	183.6	38,800 *				32
34	80.5	183.2	38,200 *				34
36	79.9	182.9	37,600 *				36
38	79.2	182.5	37,000 *				38
40	78.6	182.1	36,400 *				40
42	77.9	181.7	35,800 *				42
44	77.2	181.2	35,100 *				44
46	76.6	180.7	34,500 *				46
48	75.9	180.2	33,900 *				48
50	75.3	179.7	33,300 *				50
55	73.7	178.3	30,800 *	24,200 *			55
60	72.0	176.7	27,400	22,900 *	15,300 *		60
65	70.3	175.0	24,400	21,800 *	15,100 *		65
70	68.6	173.1	21,900	20,400 *	14,600 *	10,800 *	70
75	66.9	171.0	19,900	18,700	14,200 *	10,600 *	75
80	65.2	168.8	18,100	17,100	13,800 *	10,400 *	80
85	63.4	166.4	16,600	15,700	13,500 *	10,000 *	85
90	61.6	163.7	15,200	14,400	12,900 *	9,700 *	90
95	59.8	160.9	14,000	13,200	12,200 *	9,500 *	95
100	57.9	157.8	12,900	12,300	11,600 *	9,300 *	100
110	54.0	151.0	11,100	10,600	10,300	8,500 *	110
120	49.9	143.1	9,600	9,100	8,800	7,700 *	120
130	45.6	134.0	8,500	8,000	7,700	6,900 *	130
140	40.9	123.3	7,400	7,000	6,900	6,000 *	140
150	35.7	110.5	6,500	6,200	6,000	5,000 *	150
160	29.7	94.9	5,600	5,400	5,000 *	4,200 *	160
165	26.5	85.5	5,100	5,100	4,400 *	3,600 *	165

Manitowoc Cranes

Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

69,000 lb Crane Counterweight

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Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
190 ft Boom							
32	81.6	193.7	34,400 *				32
34	81.0	193.4	33,800 *				34
36	80.4	193.0	33,300 *				36
38	79.8	192.7	32,700 *				38
40	79.2	192.3	32,200 *				40
42	78.6	191.9	31,700 *				42
44	78.0	191.5	31,100 *				44
46	77.4	191.0	30,600 *				46
48	76.7	190.6	30,100 *				48
50	76.1	190.1	29,600 *				50
55	74.5	188.7	28,100 *	21,700 *			55
60	73.0	187.2	26,200 *	20,600 *			60
65	71.4	185.6	24,000 *	19,500 *	13,300 *		65
70	69.8	183.8	21,800 *	18,400 *	13,100 *		70
75	68.2	181.9	19,900 *	17,300 *	12,700 *	9,200 *	75
80	66.5	179.8	18,000 *	16,200 *	12,400 *	9,000 *	80
85	64.9	177.5	16,400 *	15,300 *	11,900 *	8,800 *	85
90	63.2	175.0	15,000 *	14,100 *	11,300 *	8,600 *	90
95	61.5	172.4	13,900 *	13,000 *	10,600 *	8,400 *	95
100	59.7	169.5	12,900 *	12,000 *	10,000 *	8,200 *	100
110	56.2	163.2	11,000 *	10,400 *	8,900 *	7,400 *	110
120	52.5	156.0	9,400 *	9,100 *	7,900 *	6,500 *	120
130	48.5	147.7	8,200 *	7,800 *	6,800 *	5,700 *	130
140	44.3	138.1	7,200 *	6,800 *	5,900 *	4,900 *	140
150	39.7	126.9	6,300 *	5,900 *	5,100 *	4,100 *	150
160	34.8	113.7	5,300 *	5,100 *	4,000 *	3,400 *	160
165	32.1	106.1	4,600 *	4,600 *	3,600 *		165



Liftcrane Boom Capacities

69,000 lb Crane Counterweight
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Crawler Crane on a Barge
0 Degree through 3 Degree Crane List
Extended Position Crawlers
360 Degree Rating

10000A-1

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	0 Degree Crane List	1 Degree Crane List	2 Degree Crane List	3 Degree Crane List	Load Radius (ft)
200 ft Boom							
34	81.5	203.5	30,300 *				34
36	80.9	203.2	29,700 *				36
38	80.3	202.8	29,200 *				38
40	79.7	202.5	28,700 *				40
42	79.1	202.1	28,200 *				42
44	78.6	201.7	27,700 *				44
46	78.0	201.3	27,300 *				46
48	77.4	200.8	26,800 *				48
50	76.8	200.4	26,300 *				50
55	75.3	199.1	24,900 *				55
60	73.8	197.7	23,200 *	18,200 *			60
65	72.4	196.2	21,500 *	17,100 *	11,700 *		65
70	70.9	194.5	20,000 *	16,100 *	11,300 *		70
75	69.3	192.6	18,500 *	15,100 *	11,000 *		75
80	67.8	190.6	17,100 *	14,100 *	10,600 *	7,700 *	80
85	66.2	188.5	15,900 *	13,300 *	10,100 *	7,500 *	85
90	64.6	186.2	14,700 *	12,400 *	9,500 *	7,200 *	90
95	63.0	183.7	13,500 *	11,700 *	9,000 *	7,000 *	95
100	61.4	181.0	12,400 *	11,000 *	8,400 *	6,800 *	100
110	58.1	175.2	10,600 *	9,500 *	7,400 *	6,000 *	110
120	54.6	168.5	9,200 *	8,200 *	6,500 *	5,200 *	120
130	51.1	160.8	7,800 *	7,100 *	5,600 *	4,500 *	130
140	47.2	152.1	6,500 *	5,900 *	4,600 *	3,700 *	140
150	43.1	142.1	5,200 *	4,900 *	3,700 *	3,100 *	150
155	41.0	136.5	4,600 *	4,400 *	3,500 *		155