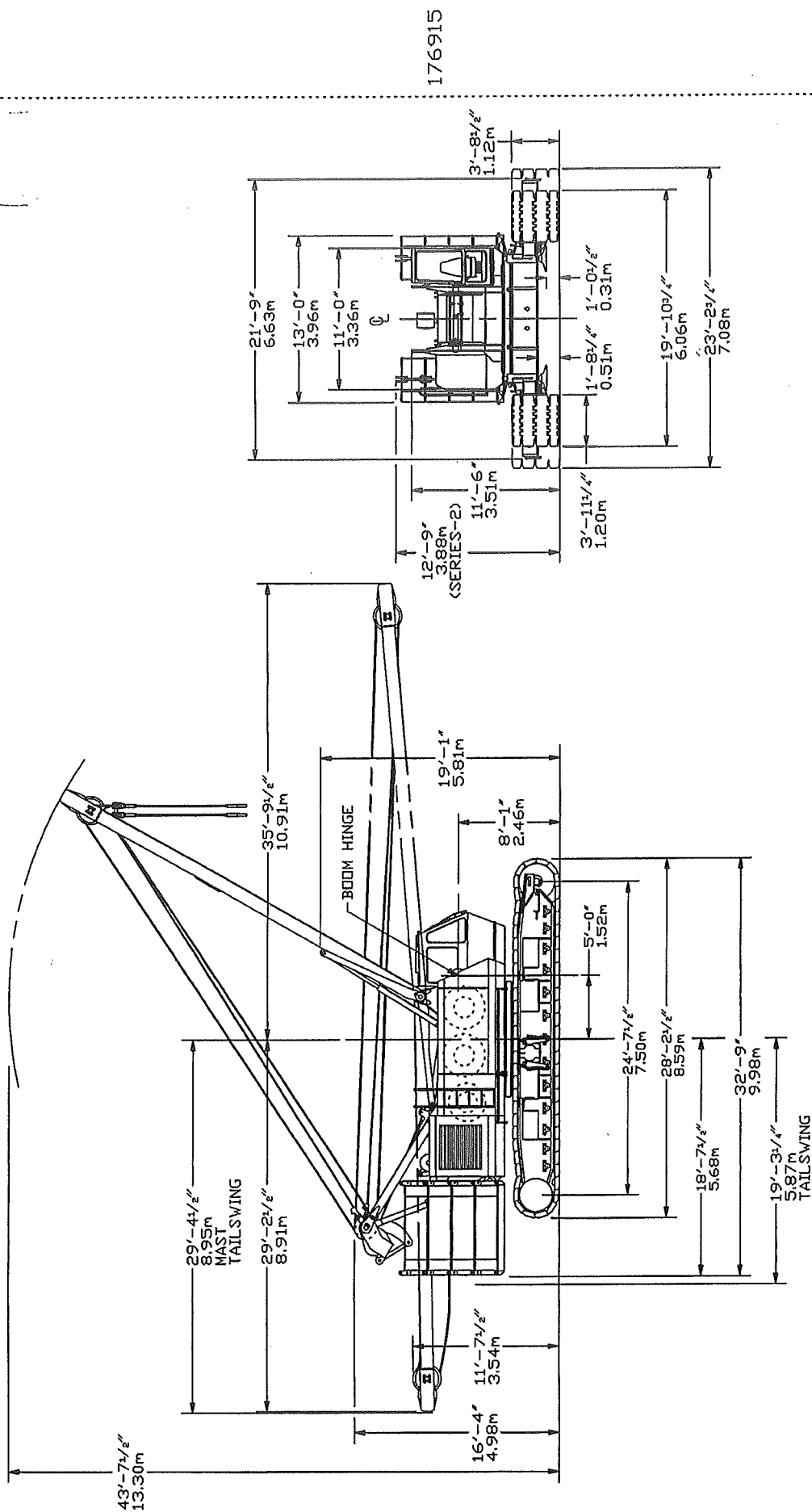




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CRANE OUTLINE
DIMENSION ASS'Y

888 SERIES-1,
888 SERIES-2

NVS
MF
AEP

**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2****Boom No. 22EL****179,100 Lb. Crane Counterweight****44,000 Lb. Carbody Counterweight****28 Ft. 2 in. Crawlers Extended****Crawler Machine on a Barge****0 Degree thru 3 Degree Machine List****No Travel - 360 Degree Rating**

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 12,500 Lb. minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. and 260 Ft. boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of 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 crawlers fully extended, gantry up and machine list not to exceed degrees noted. Refer to boom rigging No. 177156 or No. 177353 and Wire Rope Specification chart No. 7810-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 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 179,100 Lb. crane counterweight and 44,000 Lb. carbody counterweight.

Maximum Boom Lengths Lifted Unassisted			
List	Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Extended Crawlers
	Boom Length	Boom Length	Boom Length
0 Degree	260 Ft.	260 Ft.	(a) 260 Ft.
1 Degree	250 Ft.	250 Ft.	250 Ft.
2 Degree	250 Ft.	250 Ft.	250 Ft.
3 Degree	250 Ft.	250 Ft.	250 Ft.
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be lifted over side of extended crawlers on 260 Ft. boom. Jib is not to be used on crawler machine while operating on a barge.			

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
70 Ft. Boom							
16	82.8	77.2	441,000 *b				16
17	82.0	77.1	408,300 *b	375,700 *b			17
18	81.1	76.9	386,800 *b	357,300 *b			18
19	80.3	76.7	367,400 *b	340,500 *b	317,100 *b		19
20	79.5	76.5	349,800 *b	325,200 *b	303,600 *b	284,400 *b	20
22	77.8	76.0	319,000 *b	298,100 *b	279,600 *b	260,600 *b	22
24	76.1	75.5	293,000 *b	275,000 *b	259,000 *b	237,800 *b	24
26	74.4	74.9	270,700 *	255,100 *	241,100 *	218,500 *	26
28	72.7	74.2	251,400 *	237,700 *	225,400 *	201,900 *	28
30	70.9	73.5	234,400 *	222,300 *	210,300	187,600 *	30
32	69.2	72.7	219,000	204,800	192,300	175,000 *	32
34	67.4	71.8	199,600	187,600	176,900	163,900 *	34
36	65.6	70.9	183,200	172,900	163,700	154,100 *	36
38	63.7	69.8	169,100	160,200	152,300	144,900	38
40	61.9	68.7	156,900	149,200	142,200	135,700	40
42	60.0	67.5	146,200	139,400	133,300	127,500	42
44	58.0	66.2	136,800	130,800	125,300	120,200	44
46	56.0	64.8	128,400	123,000	118,200	113,600	46
48	54.0	63.4	120,900	116,100	111,800	107,600	48
50	51.9	61.7	114,100	109,800	105,900	102,200	50
55	46.3	57.1	99,800	96,500	93,500	90,600	55
60	40.1	51.4	88,300	85,700	83,400	81,100	60
65	32.9	44.2	78,900	76,800	75,000	73,300	65
70	23.7	34.1	70,900	69,300	68,000	66,700	70

**Manitowoc Cranes, Inc.**

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**Liftcrane Boom Capacities****888 SERIES 2**

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179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 In. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
80 Ft. Boom							
17	83.0	87.2	405,400 *b				17
18	82.3	87.0	386,000 *b				18
19	81.5	86.9	366,700 *b	336,900 *b			19
20	80.8	86.7	349,100 *b	321,800 *b	298,200 *b		20
22	79.3	86.3	318,300 *b	295,100 *b	274,900 *b	257,000 *b	22
24	77.9	85.8	292,200 *b	272,300 *b	254,800 *b	237,300 *b	24
26	76.4	85.3	270,000 *	252,600 *	237,300 *	218,000 *	26
28	74.9	84.7	250,600 *	235,400 *	221,900 *	201,500 *	28
30	73.4	84.1	233,700 *	220,300 *	206,900	187,100 *	30
32	71.9	83.4	218,800 *	203,300	189,300	174,600 *	32
34	70.4	82.7	199,800	186,300	174,400	163,500 *	34
36	68.8	81.9	183,400	171,800	161,500	152,200	36
38	67.3	81.0	169,300	159,200	150,200	142,100	38
40	65.7	80.0	157,000	148,200	140,400	133,100	40
42	64.1	79.0	146,300	138,600	131,600	125,200	42
44	62.4	78.0	136,900	130,000	123,800	118,000	44
46	60.8	76.8	128,500	122,300	116,800	111,600	46
48	59.1	75.6	120,900	115,400	110,400	105,800	48
50	57.4	74.3	114,200	109,200	104,700	100,400	50
55	52.9	70.6	99,800	95,900	92,400	89,000	55
60	48.2	66.2	88,300	85,200	82,400	79,700	60
65	43.0	61.0	78,900	76,400	74,100	72,000	65
70	37.3	54.8	71,000	69,000	67,200	65,400	70
75	30.6	46.9	64,300	62,600	61,200	59,800	75
80	22.0	36.0	58,500	57,200	56,100	55,000	80

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Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
90 Ft. Boom							
19	82.5	97.0	365,000 *b				19
20	81.8	96.8	348,600 *b	309,600 *b			20
22	80.5	96.5	317,800 *b	292,400 *b	268,000 *b		22
24	79.2	96.1	291,800 *b	270,000 *b	251,000 *b	234,200 *b	24
26	77.9	95.6	269,500 *	250,500 *	233,900 *	217,800 *	26
28	76.6	95.1	250,200 *	233,500 *	218,900 *	201,200 *	28
30	75.3	94.6	233,300 *	218,500 *	203,600	186,900 *	30
32	74.0	94.0	218,400 *	201,800	186,600	173,100	32
34	72.6	93.3	200,100	185,000	172,000	160,400	34
36	71.3	92.6	183,600	170,700	159,400	149,200	36
38	69.9	91.8	169,400	158,200	148,400	139,400	38
40	68.6	91.0	157,200	147,400	138,700	130,800	40
42	67.2	90.1	146,400	137,800	130,100	123,000	42
44	65.8	89.2	137,000	129,300	122,400	116,100	44
46	64.3	88.2	128,500	121,600	115,500	109,800	46
48	62.9	87.2	121,000	114,800	109,200	104,100	48
50	61.4	86.0	114,200	108,600	103,600	98,900	50
55	57.7	82.9	99,900	95,400	91,400	87,700	55
60	53.8	79.3	88,400	84,800	81,600	78,500	60
65	49.6	75.2	79,000	76,000	73,400	70,900	65
70	45.2	70.4	71,100	68,700	66,500	64,400	70
75	40.4	64.7	64,400	62,400	60,600	58,900	75
80	35.0	57.9	58,700	57,000	55,500	54,100	80
85	28.7	49.4	53,600	52,200	51,100	49,900	85
90	20.7	37.7	49,200	48,000	47,100	46,200	90



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
100 Ft. Boom							
20	82.7	107.0	348,200 *b				20
22	81.5	106.6	317,500 *b	290,000 *b			22
24	80.3	106.3	291,500 *b	267,800 *b	247,500 *b		24
26	79.2	105.9	269,200 *	248,600 *	230,800 *	209,900 *	26
28	78.0	105.4	249,900 *	231,800 *	216,000 *	200,400	28
30	76.8	104.9	233,000 *	217,000 *	200,500	183,800	30
32	75.6	104.4	218,100 *	200,300	183,900	169,500	32
34	74.4	103.8	200,200	183,800	169,600	157,200	34
36	73.2	103.2	183,700	169,600	157,300	146,400	36
38	72.0	102.5	169,600	157,300	146,500	137,000	38
40	70.8	101.8	157,300	146,500	137,100	128,500	40
42	69.6	101.0	146,600	137,000	128,600	121,000	42
44	68.3	100.2	137,100	128,600	121,100	114,200	44
46	67.1	99.3	128,600	121,000	114,300	108,100	46
48	65.8	98.4	121,100	114,300	108,200	102,500	48
50	64.6	97.4	114,300	108,100	102,600	97,400	50
55	61.3	94.7	100,000	95,000	90,600	86,500	55
60	57.9	91.6	88,500	84,500	80,900	77,500	60
65	54.4	88.1	79,100	75,700	72,800	70,000	65
70	50.8	84.1	71,200	68,400	66,000	63,600	70
75	46.9	79.5	64,500	62,200	60,100	58,200	75
80	42.7	74.3	58,800	56,800	55,100	53,400	80
85	38.2	68.1	53,800	52,100	50,700	49,300	85
90	33.1	60.8	49,400	48,000	46,800	45,600	90
95	27.2	51.7	45,500	44,300	43,300	42,400	95
100	19.5	39.4	42,000	41,000	40,200	39,500	100

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
110 Ft. Boom							
22	82.3	116.8	316,900 *				22
24	81.2	116.4	290,900 *	260,800 *			24
26	80.2	116.1	268,600 *	246,400 *	219,600 *		26
28	79.1	115.7	249,300 *	229,800 *	212,900 *	188,600 *	28
30	78.0	115.2	232,400 *	215,100 *	197,300	179,700	30
32	77.0	114.7	217,500 *	198,800	181,100	165,900	32
34	75.9	114.2	200,300	182,400	167,200	154,000	34
36	74.8	113.6	183,700	168,400	155,200	143,600	36
38	73.7	113.0	169,600	156,200	144,600	134,400	38
40	72.6	112.4	157,300	145,500	135,300	126,200	40
42	71.5	111.7	146,500	136,100	127,000	118,900	42
44	70.4	110.9	137,000	127,700	119,600	112,200	44
46	69.3	110.2	128,500	120,200	112,900	106,300	46
48	68.2	109.3	121,000	113,500	106,900	100,800	48
50	67.0	108.5	114,200	107,400	101,400	95,800	50
55	64.1	106.1	99,800	94,400	89,600	85,100	55
60	61.2	103.4	88,300	83,900	80,000	76,300	60
65	58.1	100.3	78,900	75,200	72,000	68,900	65
70	55.0	96.8	71,000	67,900	65,200	62,600	70
75	51.7	93.0	64,300	61,700	59,400	57,200	75
80	48.2	88.6	58,600	56,400	54,400	52,500	80
85	44.5	83.6	53,600	51,700	50,000	48,400	85
90	40.6	77.9	49,300	47,600	46,200	44,800	90
95	36.3	71.4	45,400	43,900	42,700	41,500	95
100	31.5	63.6	41,900	40,700	39,700	38,600	100
105	25.8	54.0	38,800	37,700	36,900	36,000	105
110	18.6	40.9	36,000	35,100	34,400	33,700	110

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**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
120 Ft. Boom							
22	82.9	126.9	309,900 *				22
24	82.0	126.6	290,400 *	252,300 *			24
26	81.0	126.2	268,100 *	244,400 *	209,200 *		26
28	80.0	125.9	248,800 *	227,900 *	206,800 *	172,600 *	28
30	79.1	125.5	232,000 *	213,400 *	194,200	170,900 *	30
32	78.1	125.0	217,100 *	197,200	178,400	162,500	32
34	77.1	124.5	200,300	181,000	164,800	151,000	34
36	76.1	124.0	183,700	167,100	153,100	140,900	36
38	75.1	123.5	169,500	155,100	142,700	131,900	38
40	74.1	122.9	157,200	144,500	133,600	124,000	40
42	73.1	122.2	146,400	135,200	125,500	116,800	42
44	72.1	121.6	136,900	126,900	118,200	110,400	44
46	71.1	120.9	128,500	119,500	111,600	104,500	46
48	70.1	120.1	120,900	112,800	105,700	99,200	48
50	69.1	119.3	114,100	106,700	100,300	94,400	50
55	66.5	117.2	99,700	93,800	88,600	83,800	55
60	63.8	114.7	88,200	83,400	79,100	75,200	60
65	61.1	112.0	78,800	74,800	71,200	67,900	65
70	58.3	109.0	70,900	67,500	64,600	61,700	70
75	55.4	105.6	64,200	61,400	58,800	56,400	75
80	52.4	101.8	58,500	56,000	53,900	51,800	80
85	49.3	97.5	53,500	51,400	49,500	47,700	85
90	46.0	92.8	49,200	47,300	45,700	44,100	90
95	42.5	87.5	45,300	43,700	42,300	40,900	95
100	38.7	81.4	41,900	40,400	39,200	38,100	100
105	34.6	74.4	38,800	37,500	36,500	35,500	105
110	30.0	66.2	36,000	34,900	34,000	33,100	110
115	24.7	56.1	33,500	32,500	31,700	31,000	115
120	17.7	42.4	31,100	30,300	29,700	29,100	120

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Manitowoc Cranes, Inc.
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Liftcrane Boom Capacities

888 SERIES 2

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179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
130 Ft. Boom							
24	82.6	136.7	285,200 *				24
26	81.7	136.4	267,800 *	223,300 *			26
28	80.8	136.0	248,600 *	218,500 *	184,500 *		28
30	79.9	135.7	231,700 *	212,000 *	181,100 *	157,000 *	30
32	79.0	135.3	216,800 *	195,700	175,900	154,600 *	32
34	78.1	134.8	200,400	179,700	162,600	148,100	34
36	77.2	134.3	183,800	166,000	151,100	138,300	36
38	76.3	133.8	169,600	154,100	141,000	129,700	38
40	75.4	133.3	157,300	143,700	132,100	121,900	40
42	74.5	132.7	146,500	134,400	124,100	115,000	42
44	73.5	132.1	137,000	126,200	116,900	108,700	44
46	72.6	131.5	128,500	118,900	110,500	103,000	46
48	71.7	130.8	120,900	112,200	104,600	97,800	48
50	70.7	130.1	114,100	106,200	99,300	93,000	50
55	68.4	128.1	99,700	93,400	87,800	82,700	55
60	66.0	125.9	88,200	83,000	78,500	74,200	60
65	63.5	123.4	78,800	74,400	70,600	67,100	65
70	61.0	120.7	70,900	67,200	64,000	61,000	70
75	58.4	117.6	64,200	61,100	58,400	55,800	75
80	55.8	114.3	58,500	55,800	53,400	51,200	80
85	53.0	110.6	53,500	51,200	49,100	47,200	85
90	50.2	106.5	49,200	47,100	45,300	43,600	90
95	47.2	101.9	45,300	43,500	42,000	40,500	95
100	44.0	96.8	41,900	40,300	38,900	37,600	100
105	40.7	91.2	38,800	37,400	36,200	35,100	105
110	37.1	84.8	36,100	34,800	33,700	32,700	110
115	33.2	77.4	33,500	32,400	31,500	30,600	115
120	28.8	68.7	31,200	30,200	29,400	28,700	120
125	23.6	58.1	29,100	28,200	27,600	26,900	125
130	17.0	43.8	27,100	26,400	25,800	25,300	130



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Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
140 Ft. Boom							
26	82.3	146.5	267,300 *				26
28	81.5	146.2	248,000 *	212,100 *			28
30	80.6	145.8	231,200 *	207,600 *	174,400 *		30
32	79.8	145.5	216,300 *	194,100	172,400 *	143,500 *	32
34	79.0	145.1	200,300	178,300	160,300	142,200 *	34
36	78.1	144.6	183,700	164,800	149,100	135,700	36
38	77.3	144.1	169,400	153,000	139,200	127,300	38
40	76.4	143.6	157,100	142,600	130,400	119,800	40
42	75.6	143.1	146,300	133,500	122,500	113,000	42
44	74.7	142.5	136,800	125,300	115,500	106,900	44
46	73.9	141.9	128,300	118,000	109,200	101,300	46
48	73.0	141.3	120,700	111,500	103,400	96,200	48
50	72.2	140.7	113,900	105,500	98,100	91,600	50
55	70.0	138.9	99,500	92,800	86,800	81,500	55
60	67.8	136.8	88,000	82,400	77,600	73,100	60
65	65.5	134.6	78,500	73,900	69,900	66,100	65
70	63.3	132.1	70,700	66,800	63,300	60,100	70
75	60.9	129.3	64,000	60,600	57,700	54,900	75
80	58.5	126.3	58,300	55,400	52,800	50,400	80
85	56.1	123.0	53,300	50,800	48,600	46,500	85
90	53.5	119.3	49,000	46,700	44,800	42,900	90
95	50.9	115.3	45,100	43,100	41,400	39,800	95
100	48.2	110.9	41,700	39,900	38,400	37,000	100
105	45.3	106.1	38,600	37,100	35,700	34,500	105
110	42.3	100.7	35,900	34,500	33,300	32,100	110
115	39.1	94.7	33,400	32,100	31,000	30,000	115
120	35.7	87.9	31,100	29,900	29,000	28,100	120
125	31.9	80.2	29,000	27,900	27,100	26,300	125
130	27.7	71.2	27,000	26,100	25,400	24,700	130
135	22.7	60.1	25,200	24,400	23,800	23,200	135
140	16.3	45.2	23,500	22,800	22,300	21,800	140

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Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
150 Ft. Boom							
26	82.8	156.6	244,200 *				26
28	82.0	156.3	238,700 *	188,500 *			28
30	81.3	156.0	230,500 *	185,000 *			30
32	80.5	155.6	215,600 *	181,600 *	151,800 *		32
34	79.7	155.3	200,200	176,900	149,300 *	128,600 *	34
36	78.9	154.8	183,600	163,500	146,800 *	126,700 *	36
38	78.2	154.4	169,300	151,800	137,300	124,800 *	38
40	77.4	153.9	157,000	141,600	128,700	117,600	40
42	76.6	153.5	146,100	132,500	121,000	111,000	42
44	75.8	152.9	136,600	124,400	114,100	105,000	44
46	75.0	152.4	128,100	117,200	107,800	99,600	46
48	74.2	151.8	120,500	110,600	102,100	94,600	48
50	73.4	151.2	113,700	104,700	96,900	90,000	50
55	71.4	149.5	99,200	92,000	85,800	80,100	55
60	69.4	147.6	87,700	81,800	76,600	71,900	60
65	67.3	145.6	78,200	73,300	69,000	65,000	65
70	65.2	143.3	70,300	66,200	62,500	59,100	70
75	63.0	140.8	63,700	60,100	56,900	54,000	75
80	60.9	138.0	57,900	54,800	52,100	49,500	80
85	58.6	135.0	53,000	50,200	47,800	45,600	85
90	56.3	131.7	48,600	46,200	44,100	42,100	90
95	54.0	128.1	44,800	42,600	40,800	39,000	95
100	51.6	124.2	41,300	39,400	37,800	36,200	100
105	49.1	119.9	38,300	36,500	35,100	33,700	105
110	46.4	115.2	35,500	33,900	32,700	31,400	110
115	43.7	110.1	33,000	31,600	30,400	29,300	115
120	40.8	104.4	30,700	29,400	28,400	27,400	120
125	37.7	98.1	28,600	27,500	26,500	25,600	125
130	34.4	91.0	26,700	25,600	24,800	24,000	130
135	30.8	82.9	24,900	24,000	23,200	22,500	135
140	26.7	73.5	23,200	22,400	21,800	21,100	140
145	21.9	62.0	21,700	20,900	20,400	19,800	145
150	15.7	46.5	20,200	19,600	19,100	18,700	150



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
160 Ft. Boom							
28	82.5	166.4	228,900 *				28
30	81.8	166.1	223,800 *	177,500 *			30
32	81.1	165.8	215,000 *	174,200 *			32
34	80.4	165.4	200,100	171,000 *	143,400 *		34
36	79.6	165.1	183,400	162,200	141,000 *	120,400 *	36
38	78.9	164.6	169,100	150,600	135,400	119,500 *	38
40	78.2	164.2	156,700	140,500	127,000	115,500	40
42	77.4	163.7	145,900	131,500	119,400	109,000	42
44	76.7	163.3	136,400	123,500	112,600	103,200	44
46	76.0	162.7	127,900	116,300	106,400	97,900	46
48	75.2	162.2	120,300	109,800	100,900	93,000	48
50	74.5	161.6	113,400	103,900	95,700	88,500	50
55	72.6	160.1	99,000	91,300	84,700	78,800	55
60	70.7	158.3	87,400	81,100	75,700	70,700	60
65	68.8	156.4	77,900	72,700	68,100	63,900	65
70	66.8	154.3	70,000	65,600	61,700	58,100	70
75	64.9	152.0	63,400	59,500	56,200	53,100	75
80	62.9	149.4	57,600	54,300	51,400	48,700	80
85	60.8	146.7	52,700	49,700	47,200	44,800	85
90	58.7	143.6	48,300	45,700	43,500	41,400	90
95	56.6	140.4	44,500	42,200	40,200	38,300	95
100	54.4	136.8	41,000	39,000	37,200	35,600	100
105	52.1	133.0	38,000	36,100	34,600	33,100	105
110	49.8	128.8	35,200	33,500	32,100	30,800	110
115	47.4	124.3	32,700	31,200	29,900	28,700	115
120	44.9	119.3	30,400	29,000	27,900	26,800	120
125	42.2	113.9	28,300	27,100	26,100	25,100	125
130	39.4	108.0	26,400	25,300	24,400	23,500	130
135	36.5	101.4	24,600	23,600	22,800	22,000	135
140	33.3	94.0	23,000	22,000	21,300	20,600	140
145	29.8	85.6	21,500	20,600	19,900	19,300	145
150	25.8	75.7	20,000	19,200	18,700	18,100	150
155	21.2	63.8	18,700	18,000	17,500	17,000	155
160	15.2	47.8	17,400	16,800	16,400	16,000	160

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170 Ft. Boom							
28	83.0	176.5	213,500 *				28
30	82.3	176.2	209,400 *				30
32	81.6	175.9	205,400 *	160,800 *			32
34	80.9	175.6	200,000	158,200 *	131,000 *		34
36	80.3	175.2	183,300	155,600 *	129,100 *		36
38	79.6	174.9	169,000	149,500	127,200 *	107,100 *	38
40	78.9	174.4	156,600	139,500	125,400 *	107,000 *	40
42	78.2	174.0	145,800	130,600	118,000	106,000 *	42
44	77.5	173.6	136,200	122,700	111,300	101,500	44
46	76.8	173.1	127,700	115,500	105,200	96,300	46
48	76.1	172.6	120,100	109,100	99,700	91,600	48
50	75.4	172.0	113,300	103,300	94,700	87,200	50
55	73.7	170.6	98,800	90,800	83,800	77,700	55
60	71.9	168.9	87,200	80,600	74,900	69,700	60
65	70.1	167.1	77,800	72,200	67,400	63,100	65
70	68.3	165.2	69,900	65,200	61,100	57,300	70
75	66.4	163.0	63,200	59,200	55,600	52,400	75
80	64.6	160.6	57,500	53,900	50,900	48,000	80
85	62.7	158.1	52,500	49,400	46,700	44,200	85
90	60.8	155.3	48,100	45,400	43,000	40,800	90
95	58.8	152.3	44,300	41,800	39,700	37,800	95
100	56.8	149.1	40,900	38,700	36,800	35,000	100
105	54.7	145.6	37,800	35,800	34,200	32,600	105
110	52.6	141.8	35,000	33,300	31,700	30,300	110
115	50.4	137.7	32,500	30,900	29,600	28,300	115
120	48.2	133.3	30,300	28,800	27,600	26,400	120
125	45.9	128.5	28,200	26,800	25,700	24,600	125
130	43.4	123.3	26,300	25,000	24,000	23,100	130
135	40.9	117.6	24,500	23,400	22,400	21,600	135
140	38.2	111.4	22,900	21,800	21,000	20,200	140
145	35.3	104.5	21,300	20,400	19,600	18,900	145
150	32.2	96.8	19,900	19,000	18,400	17,700	150
155	28.8	88.1	18,600	17,800	17,200	16,600	155
160	25.0	77.9	17,300	16,600	16,100	15,600	160
165	20.5	65.6	16,200	15,500	15,000	14,600	165



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 In. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180 Ft. Boom							
30	82.7	186.3	199,200 *				30
32	82.1	186.0	195,500 *				32
34	81.4	185.7	191,800 *	150,800 *			34
36	80.8	185.4	183,100	148,300 *	118,800 *		36
38	80.2	185.0	168,800	145,900 *	118,700 *		38
40	79.5	184.6	156,400	138,400	118,600 *	94,000 *	40
42	78.9	184.2	145,500	129,600	116,400	93,900 *	42
44	78.2	183.8	136,000	121,700	109,900	93,900 *	44
46	77.6	183.4	127,500	114,600	103,900	93,800 *	46
48	76.9	182.9	119,800	108,300	98,500	90,000	48
50	76.2	182.4	113,000	102,500	93,500	85,700	50
55	74.6	181.0	98,500	90,100	82,800	76,400	55
60	72.9	179.5	86,900	80,000	74,000	68,600	60
65	71.2	177.8	77,500	71,600	66,600	62,000	65
70	69.5	175.9	69,500	64,600	60,300	56,400	70
75	67.8	173.9	62,900	58,600	54,900	51,500	75
80	66.1	171.7	57,100	53,400	50,200	47,200	80
85	64.3	169.3	52,100	48,900	46,100	43,400	85
90	62.5	166.8	47,800	44,900	42,400	40,100	90
95	60.7	164.0	43,900	41,400	39,200	37,100	95
100	58.9	161.0	40,500	38,200	36,200	34,400	100
105	57.0	157.8	37,500	35,400	33,600	31,900	105
110	55.0	154.3	34,700	32,800	31,200	29,700	110
115	53.0	150.6	32,200	30,500	29,000	27,600	115
120	51.0	146.6	29,900	28,300	27,000	25,800	120
125	48.9	142.3	27,800	26,400	25,200	24,100	125
130	46.7	137.6	25,900	24,600	23,500	22,500	130
135	44.5	132.6	24,200	22,900	22,000	21,000	135
140	42.1	127.1	22,500	21,400	20,500	19,600	140
145	39.7	121.2	21,000	20,000	19,200	18,400	145
150	37.1	114.7	19,600	18,600	17,900	17,200	150
155	34.3	107.6	18,300	17,400	16,700	16,100	155
160	31.3	99.6	17,100	16,200	15,600	15,000	160
165	28.0	90.6	15,900	15,100	14,600	14,100	165
170	24.3	80.0	14,800	14,100	13,600	13,100	170
175	19.9	67.3	13,800	13,100	12,700	12,300	175

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
190 Ft. Boom							
32	82.5	196.2	181,000 *				32
34	81.9	195.9	178,000 *	137,800 *			34
36	81.3	195.5	175,000 *	135,800 *			36
38	80.7	195.2	168,700	133,800 *	105,000 *		38
40	80.1	194.8	156,200	131,800 *	104,900 *		40
42	79.4	194.4	145,300	128,600	104,800 *	82,600 *	42
44	78.8	194.0	135,800	120,800	104,700 *	82,500 *	44
46	78.2	193.6	127,200	113,800	102,600	82,400 *	46
48	77.6	193.2	119,600	107,400	97,200	82,400 *	48
50	77.0	192.7	112,700	101,700	92,300	82,300 *	50
55	75.4	191.4	98,200	89,300	81,800	75,100	55
60	73.9	189.9	86,600	79,300	73,000	67,400	60
65	72.3	188.4	77,100	71,000	65,700	61,000	65
70	70.7	186.6	69,200	64,000	59,500	55,400	70
75	69.1	184.7	62,500	58,000	54,100	50,600	75
80	67.4	182.7	56,700	52,800	49,400	46,300	80
85	65.8	180.4	51,700	48,300	45,300	42,600	85
90	64.1	178.0	47,400	44,300	41,700	39,300	90
95	62.4	175.4	43,500	40,800	38,500	36,300	95
100	60.7	172.6	40,100	37,700	35,600	33,600	100
105	58.9	169.6	37,000	34,800	32,900	31,200	105
110	57.1	166.4	34,300	32,300	30,600	29,000	110
115	55.3	163.0	31,800	29,900	28,400	26,900	115
120	53.4	159.3	29,500	27,800	26,400	25,100	120
125	51.5	155.4	27,400	25,900	24,600	23,400	125
130	49.5	151.2	25,500	24,100	22,900	21,800	130
135	47.5	146.7	23,700	22,400	21,400	20,300	135
140	45.4	141.8	22,100	20,900	19,900	19,000	140
145	43.2	136.5	20,600	19,500	18,600	17,700	145
150	40.9	130.9	19,200	18,100	17,300	16,500	150
155	38.5	124.7	17,900	16,900	16,100	15,400	155
160	36.0	118.0	16,600	15,700	15,000	14,400	160
165	33.3	110.6	15,500	14,600	14,000	13,400	165
170	30.4	102.3	14,400	13,600	13,000	12,500	170
175	27.2	93.0	13,300	12,600	12,100	11,600	175
180	23.6	82.1	12,400	11,700	11,300	10,800	180
185	19.4	68.9	11,400	10,800	10,400	10,000	185



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200 Ft. Boom							
32	82.9	206.3	171,000 *				32
34	82.3	206.0	168,200 *				34
36	81.7	205.7	165,400 *	125,000 *			36
38	81.1	205.3	162,600 *	124,800 *			38
40	80.6	205.0	155,900	124,700 *	93,100 *		40
42	80.0	204.6	145,000	123,100 *	93,000 *	72,800 *	42
44	79.4	204.2	135,400	119,800	92,900 *	72,800 *	44
46	78.8	203.8	126,900	112,800	92,800 *	72,700 *	46
48	78.2	203.4	119,300	106,500	92,700 *	72,600 *	48
50	77.6	203.0	112,400	100,800	91,200	72,600 *	50
55	76.2	201.7	97,900	88,600	80,700	72,400 *	55
60	74.7	200.4	86,200	78,600	72,100	66,300	60
65	73.2	198.9	76,700	70,300	64,800	59,900	65
70	71.7	197.2	68,800	63,400	58,700	54,400	70
75	70.2	195.4	62,100	57,400	53,400	49,700	75
80	68.6	193.5	56,300	52,300	48,700	45,500	80
85	67.1	191.4	51,400	47,800	44,700	41,800	85
90	65.5	189.1	47,000	43,800	41,100	38,500	90
95	63.9	186.7	43,100	40,300	37,800	35,600	95
100	62.3	184.1	39,700	37,200	35,000	32,900	100
105	60.6	181.3	36,600	34,300	32,300	30,500	105
110	59.0	178.3	33,900	31,800	30,000	28,300	110
115	57.3	175.1	31,400	29,500	27,800	26,300	115
120	55.5	171.7	29,100	27,300	25,900	24,500	120
125	53.8	168.1	27,000	25,400	24,000	22,800	125
130	52.0	164.2	25,100	23,600	22,400	21,200	130
135	50.1	160.1	23,300	22,000	20,800	19,800	135
140	48.2	155.6	21,700	20,400	19,400	18,400	140
145	46.2	150.9	20,200	19,000	18,100	17,100	145
150	44.2	145.8	18,800	17,700	16,800	16,000	150
155	42.1	140.4	17,500	16,500	15,700	14,900	155
160	39.8	134.5	16,300	15,300	14,600	13,800	160
165	37.5	128.1	15,100	14,200	13,500	12,900	165
170	35.1	121.1	14,000	13,200	12,600	12,000	170
175	32.4	113.4	13,000	12,200	11,700	11,100	175
180	29.6	104.9	12,000	11,300	10,800	10,300	180
185	26.5	95.3	11,100	10,400	10,000	9,500	185
190	23.0	84.1	10,200	9,600	9,200	8,800	190
195	18.9	70.6	9,400	8,800	8,500	8,100	195

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
210 Ft. Boom							
34	82.7	216.1	158,700 *				34
36	82.1	215.8	156,400 *				36
38	81.6	215.5	154,100 *	112,000 *			38
40	81.0	215.1	151,800 *	111,800 *	83,000 *		40
42	80.5	214.8	144,800	111,600 *	82,900 *		42
44	79.9	214.4	135,200	111,500 *	82,800 *	64,400 *	44
46	79.4	214.0	126,700	111,300 *	82,700 *	64,300 *	46
48	78.8	213.6	119,000	105,800	82,600 *	64,300 *	48
50	78.2	213.2	112,200	100,100	82,500 *	64,200 *	50
55	76.8	212.0	97,600	87,900	79,800	64,000 *	55
60	75.4	210.8	86,000	78,000	71,300	63,800 *	60
65	74.0	209.3	76,500	69,800	64,100	59,000	65
70	72.6	207.8	68,600	62,900	58,000	53,600	70
75	71.1	206.1	61,800	56,900	52,700	48,900	75
80	69.7	204.2	56,100	51,800	48,100	44,800	80
85	68.2	202.2	51,100	47,300	44,100	41,100	85
90	66.7	200.1	46,700	43,400	40,500	37,900	90
95	65.2	197.8	42,900	39,900	37,300	34,900	95
100	63.7	195.4	39,400	36,800	34,500	32,300	100
105	62.2	192.7	36,400	33,900	31,900	29,900	105
110	60.6	189.9	33,600	31,400	29,500	27,800	110
115	59.0	187.0	31,100	29,100	27,400	25,800	115
120	57.4	183.8	28,800	27,000	25,400	24,000	120
125	55.8	180.4	26,700	25,000	23,600	22,300	125
130	54.1	176.8	24,800	23,300	22,000	20,700	130
135	52.4	173.0	23,100	21,600	20,400	19,300	135
140	50.6	168.9	21,400	20,100	19,000	17,900	140
145	48.8	164.6	19,900	18,700	17,700	16,700	145
150	46.9	160.0	18,500	17,400	16,400	15,500	150
155	45.0	155.1	17,200	16,100	15,300	14,400	155
160	43.0	149.8	16,000	15,000	14,200	13,400	160
165	41.0	144.1	14,900	13,900	13,200	12,500	165
170	38.8	138.0	13,800	12,900	12,200	11,500	170
175	36.6	131.4	12,800	11,900	11,300	10,700	175
180	34.2	124.2	11,800	11,000	10,400	9,900	180
185	31.6	116.3	10,900	10,100	9,600	9,100	185
190	28.9	107.5	10,000	9,300	8,900	8,400	190
195	25.8	97.5	9,200	8,600	8,100	7,700	195
200	22.4	86.0	8,400	7,800	7,400	7,000	200
205	18.4	72.1	7,700	7,100	6,800	6,400	205



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220 Ft. Boom							
34	83.0	226.2	147,500 *				34
36	82.5	225.9	146,600 *				36
38	82.0	225.6	144,500 *	100,400 *			38
40	81.4	225.3	142,400 *	100,300 *			40
42	80.9	224.9	140,200 *	100,100 *	73,800 *		42
44	80.4	224.6	134,900	100,000 *	73,800 *		44
46	79.8	224.2	126,400	99,800 *	73,700 *	56,800 *	46
48	79.3	223.8	118,700	99,600 *	73,600 *	56,800 *	48
50	78.8	223.4	111,800	99,300	73,500 *	56,700 *	50
55	77.5	222.3	97,300	87,200	73,200 *	56,500 *	55
60	76.1	221.1	85,600	77,300	70,300	56,400 *	60
65	74.8	219.7	76,100	69,200	63,200	56,200 *	65
70	73.4	218.3	68,200	62,300	57,200	52,600	70
75	72.0	216.6	61,500	56,400	52,000	48,000	75
80	70.7	214.9	55,700	51,300	47,400	43,900	80
85	69.3	213.0	50,700	46,800	43,400	40,300	85
90	67.9	211.0	46,300	42,900	39,900	37,100	90
95	66.4	208.8	42,500	39,400	36,700	34,200	95
100	65.0	206.5	39,000	36,200	33,800	31,600	100
105	63.6	204.0	36,000	33,400	31,300	29,300	105
110	62.1	201.4	33,200	30,900	28,900	27,100	110
115	60.6	198.6	30,700	28,600	26,800	25,100	115
120	59.1	195.6	28,400	26,500	24,900	23,300	120
125	57.5	192.5	26,300	24,600	23,100	21,700	125
130	56.0	189.1	24,400	22,800	21,400	20,100	130
135	54.4	185.6	22,700	21,100	19,900	18,700	135
140	52.7	181.8	21,000	19,600	18,500	17,400	140
145	51.1	177.8	19,500	18,200	17,100	16,100	145
150	49.4	173.5	18,100	16,900	15,900	15,000	150
155	47.6	169.0	16,800	15,700	14,800	13,900	155
160	45.8	164.2	15,600	14,500	13,700	12,900	160
165	43.9	159.1	14,500	13,400	12,700	11,900	165
170	42.0	153.6	13,400	12,400	11,700	11,000	170
175	40.0	147.7	12,400	11,500	10,800	10,200	175
180	37.9	141.4	11,400	10,600	10,000	9,400	180
185	35.7	134.6	10,500	9,700	9,100	8,600	185
190	33.4	127.1	9,700	8,900	8,400	7,900	190
195	30.9	119.0	8,800	8,100	7,700	7,200	195
200	28.2	110.0	8,100	7,400	7,000	6,500	200
205	25.2	99.7	7,300	6,700	6,300	5,900	205
210	21.9	87.9	6,600	6,000	5,700	5,300	210
215	17.9	73.7	5,900	5,400	5,100	4,800	215

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
230 Ft. Boom							
36	82.8	236.0	133,600 *				36
38	82.3	235.7	133,300 *				38
40	81.8	235.4	132,900 *	90,200 *			40
42	81.3	235.1	131,500 *	90,100 *			42
44	80.8	234.7	129,700 *	89,900 *	65,700 *		44
46	80.3	234.4	126,100	89,700 *	65,600 *		46
48	79.8	234.0	118,500	89,600 *	65,500 *	50,000 *	48
50	79.3	233.6	111,500	89,400 *	65,400 *	50,000 *	50
55	78.0	232.6	97,000	86,500	65,200 *	49,800 *	55
60	76.7	231.4	85,300	76,700	64,900 *	49,600 *	60
65	75.4	230.1	75,800	68,500	62,400	49,500 *	65
70	74.1	228.7	67,800	61,600	56,400	49,300 *	70
75	72.8	227.2	61,100	55,800	51,200	47,100	75
80	71.5	225.5	55,300	50,700	46,700	43,100	80
85	70.2	223.7	50,300	46,200	42,700	39,500	85
90	68.9	221.8	45,900	42,300	39,200	36,300	90
95	67.5	219.7	42,000	38,800	36,000	33,400	95
100	66.2	217.5	38,600	35,700	33,200	30,900	100
105	64.8	215.2	35,500	32,900	30,600	28,500	105
110	63.4	212.7	32,700	30,300	28,300	26,400	110
115	62.0	210.1	30,200	28,000	26,200	24,400	115
120	60.6	207.3	28,000	25,900	24,200	22,600	120
125	59.1	204.3	25,900	24,000	22,500	21,000	125
130	57.6	201.1	24,000	22,200	20,800	19,500	130
135	56.1	197.8	22,200	20,600	19,300	18,000	135
140	54.6	194.3	20,600	19,100	17,900	16,700	140
145	53.1	190.6	19,100	17,700	16,500	15,500	145
150	51.5	186.6	17,700	16,400	15,300	14,300	150
155	49.9	182.4	16,300	15,100	14,200	13,200	155
160	48.2	178.0	15,100	14,000	13,100	12,200	160
165	46.5	173.3	14,000	12,900	12,100	11,300	165
170	44.7	168.3	12,900	11,900	11,100	10,400	170
175	42.9	163.0	11,900	10,900	10,200	9,500	175
180	41.0	157.3	10,900	10,000	9,400	8,700	180
185	39.1	151.3	10,000	9,200	8,600	8,000	185
190	37.0	144.7	9,200	8,400	7,800	7,200	190
195	34.9	137.7	8,400	7,600	7,100	6,600	195
200	32.6	130.1	7,600	6,900	6,400	5,900	200
205	30.2	121.7	6,900	6,200	5,700	5,300	205
210	27.5	112.4	6,200	5,500	5,100	4,700	210
215	24.6	101.9	5,500	4,900	4,500	4,100	215
220	21.4	89.8	4,800	4,300			220
225	17.5	75.2	4,200				225



Manitowoc Cranes, Inc.
Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
179,100 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
28 Ft. 2 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
240 Ft. Boom							
38	82.6	245.8	121,300 *				38
40	82.2	245.5	121,000 *				40
42	81.7	245.2	120,700 *	81,300 *			42
44	81.2	244.9	120,300 *	81,100 *			44
46	80.7	244.6	120,000 *	81,000 *	58,700 *		46
48	80.2	244.2	118,100	80,800 *	58,600 *		48
50	79.7	243.8	111,200	80,700 *	58,500 *	44,200 *	50
55	78.5	242.8	96,600	80,200 *	58,200 *	44,000 *	55
60	77.3	241.7	84,900	75,900	58,000 *	43,800 *	60
65	76.1	240.5	75,400	67,800	57,700 *	43,700 *	65
70	74.8	239.1	67,400	61,000	55,600	43,500 *	70
75	73.6	237.6	60,700	55,100	50,400	43,300 *	75
80	72.3	236.1	54,900	50,100	45,900	42,200	80
85	71.1	234.4	49,900	45,600	42,000	38,700	85
90	69.8	232.5	45,500	41,700	38,500	35,500	90
95	68.5	230.6	41,600	38,300	35,400	32,700	95
100	67.2	228.5	38,200	35,100	32,500	30,200	100
105	65.9	226.3	35,100	32,400	30,000	27,800	105
110	64.6	223.9	32,300	29,800	27,700	25,700	110
115	63.3	221.4	29,800	27,500	25,600	23,800	115
120	61.9	218.7	27,500	25,400	23,700	22,000	120
125	60.5	215.9	25,400	23,500	21,900	20,400	125
130	59.2	213.0	23,500	21,700	20,200	18,800	130
135	57.7	209.8	21,800	20,100	18,700	17,400	135
140	56.3	206.5	20,100	18,600	17,300	16,100	140
145	54.9	203.0	18,600	17,200	16,000	14,900	145
150	53.4	199.3	17,200	15,900	14,800	13,700	150
155	51.9	195.4	15,900	14,700	13,600	12,700	155
160	50.3	191.3	14,700	13,500	12,600	11,700	160
165	48.7	187.0	13,600	12,400	11,600	10,700	165
170	47.1	182.4	12,500	11,400	10,600	9,800	170
175	45.4	177.5	11,500	10,500	9,700	9,000	175
180	43.7	172.3	10,500	9,600	8,900	8,200	180
185	41.9	166.8	9,600	8,700	8,100	7,400	185
190	40.1	161.0	8,800	7,900	7,300	6,700	190
195	38.2	154.7	8,000	7,200	6,600	6,000	195
200	36.2	148.0	7,200	6,400	5,900	5,400	200
205	34.1	140.8	6,500	5,700	5,200	4,800	205
210	31.9	132.9	5,800	5,100	4,600	4,200	210
215	29.5	124.3	5,100	4,500	4,000		215
220	26.9	114.7	4,500				220

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**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
250 Ft. Boom							
38	82.9	255.9	110,200 *				38
40	82.5	255.6	109,900 *				40
42	82.0	255.3	109,600 *	73,600 *			42
44	81.5	255.0	109,300 *	73,400 *			44
46	81.1	254.7	109,000 *	73,300 *			46
48	80.6	254.4	108,600 *	73,100 *	52,700 *		48
50	80.1	254.0	108,300 *	73,000 *	52,600 *		50
55	79.0	253.0	96,800	72,600 *	52,400 *	39,300 *	55
60	77.8	252.0	85,100	72,100 *	52,100 *	39,100 *	60
65	76.6	250.8	75,600	68,000	51,900 *	39,000 *	65
70	75.4	249.5	67,600	61,200	51,600 *	38,800 *	70
75	74.3	248.1	60,900	55,300	50,500	38,600 *	75
80	73.1	246.6	55,100	50,300	46,000	38,500 *	80
85	71.9	244.9	50,100	45,900	42,100	38,300 *	85
90	70.6	243.2	45,700	42,000	38,600	35,600	90
95	69.4	241.3	41,800	38,500	35,500	32,800	95
100	68.2	239.3	38,400	35,400	32,700	30,300	100
105	66.9	237.2	35,300	32,600	30,200	28,000	105
110	65.7	235.0	32,500	30,100	27,900	25,900	110
115	64.4	232.6	30,000	27,800	25,800	23,900	115
120	63.1	230.1	27,700	25,700	23,900	22,200	120
125	61.8	227.4	25,600	23,800	22,100	20,500	125
130	60.5	224.6	23,700	22,100	20,500	19,000	130
135	59.2	221.6	22,000	20,400	19,000	17,600	135
140	57.8	218.5	20,300	18,900	17,600	16,300	140
145	56.5	215.2	18,800	17,500	16,300	15,100	145
150	55.1	211.7	17,400	16,200	15,100	14,000	150
155	53.6	208.1	16,100	15,000	13,900	12,900	155
160	52.2	204.2	14,900	13,900	12,900	11,900	160
165	50.7	200.2	13,700	12,800	11,900	11,000	165
170	49.2	195.9	12,700	11,800	10,900	10,100	170
175	47.7	191.4	11,700	10,800	10,000	9,300	175
180	46.1	186.6	10,700	9,900	9,200	8,500	180
185	44.5	181.6	9,800	9,100	8,400	7,700	185
190	42.8	176.2	9,000	8,300	7,600	7,000	190
195	41.1	170.6	8,200	7,500	6,900	6,300	195
200	39.3	164.5	7,400	6,800	6,200	5,700	200
205	37.4	158.1	6,700	6,100	5,600	5,100	205
210	35.4	151.2	6,000	5,500	5,000	4,500	210
215	33.4	143.7	5,300	4,800	4,400		215
220	31.2	135.7	4,700	4,200			220
225	28.9	126.8	4,100				225

**Manitowoc Cranes, Inc.**

Manitowoc, Wisconsin 54220 U.S.A.

**Liftcrane Boom Capacities****888 SERIES 2**

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

28 Ft. 2 in. Crawlers Extended

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
260 Ft. Boom			
40	82.8	265.7	100,500 *
42	82.3	265.4	100,200 *
44	81.9	265.1	99,900 *
46	81.4	264.8	99,600 *
48	81.0	264.5	99,300 *
50	80.5	264.2	98,900 *
55	79.4	263.2	96,400
60	78.3	262.2	84,700
65	77.2	261.1	75,200
70	76.0	259.8	67,200
75	74.9	258.5	60,500
80	73.7	257.0	54,700
85	72.6	255.5	49,700
90	71.4	253.8	45,300
95	70.2	252.0	41,400
100	69.1	250.1	37,900
105	67.9	248.1	34,900
110	66.7	245.9	32,100
115	65.5	243.7	29,600
120	64.2	241.3	27,300
125	63.0	238.7	25,200
130	61.8	236.1	23,300
135	60.5	233.2	21,500
140	59.2	230.3	19,900
145	57.9	227.2	18,400
150	56.6	223.9	17,000
155	55.3	220.4	15,700
160	53.9	216.8	14,500
165	52.5	213.0	13,300
170	51.1	209.0	12,200
175	49.7	204.8	11,200
180	48.2	200.4	10,300
185	46.7	195.7	9,400
190	45.1	190.8	8,500
195	43.5	185.6	7,700
200	41.9	180.1	7,000
205	40.2	174.2	6,200
210	38.5	168.0	5,500
215	36.6	161.4	4,900
220	34.7	154.3	4,300

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