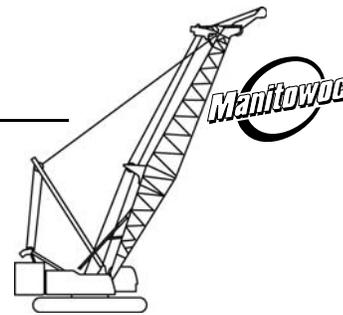


Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.



Clamshell/Grapple Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 1 Degree and
1 Degree thru 3 Degree Machine List
360 Degree Rating

14000 SERIES 1

LIFTING CAPACITIES: Capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 67.5% of a static tipping load. Capacities are based on tipping, structural competence(*), operating speeds and other factors.

Weight of bucket is considered part of load. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface, machine list not to exceed degrees noted and gantry up. Refer to boom rigging **No. A16106** and Wire Rope Specification chart **No. 8789-B**. Crane operator judgment must be used to allow for adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck 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 operating radius.

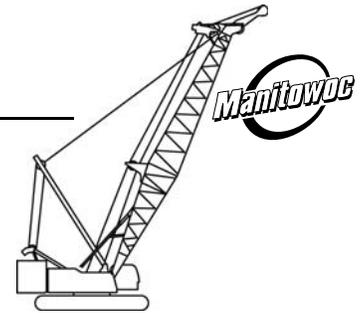
MACHINE EQUIPMENT: Machine equipped with 27 ft 2 in. crawlers, 48 in. treads, 10 ft 3 in. retractable gantry, 27 ft live mast, 20 part boom hoist reeving, boom support straps, 127,000 lb crane counterweight, and 0 lb carbody counterweight.

Upper Boom Point Deduct

Deduct 1,100 lbs from capacities when upper boom point is attached.

Oper. Radius Feet	Boom Angle Deg.	0 Degree Thru 1 Degree Machine List Boom Capacity Pounds	1 Degree Thru 3 Degree Machine List Boom Capacity Pounds
		65.6 ft	
35	64.9	26,000 *	26,000 *
40	59.9	26,000 *	26,000 *
45	54.6	26,000 *	26,000 *
50	48.9	26,000 *	26,000 *
55	42.6	24,200 *	24,200 *
60	35.3	22,000 *	21,800 *
65	26.3	20,200 *	19,800 *

Oper. Radius Feet	Boom Angle Deg.	0 Degree Thru 1 Degree Machine List Boom Capacity Pounds	1 Degree Thru 3 Degree Machine List Boom Capacity Pounds
		75.5 ft	
35	68.4	26,000 *	26,000 *
40	64.2	26,000 *	26,000 *
45	59.9	26,000 *	26,000 *
50	55.3	26,000 *	26,000 *
55	50.4	24,200 *	24,200 *
60	45.1	22,000 *	21,800 *
65	39.3	20,200 *	19,800 *
70	32.5	18,600 *	18,000 *



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14000 SERIES 1

Oper. Radius Feet	Boom Angle Deg.	0 Degree Thru 1 Degree Machine List Boom Capacity Pounds	1 Degree Thru 3 Degree Machine List Boom Capacity Pounds
85.3 ft			
40	67.4	26,000 *	26,000 *
45	63.7	26,000 *	26,000 *
50	59.8	26,000 *	26,000 *
55	55.8	24,200 *	24,100 *
60	51.5	22,000 *	21,700 *
65	47.0	20,200 *	19,700 *
70	42.1	18,600 *	18,000 *
75	36.6	17,200 *	16,500 *
80	30.2	16,000 *	15,100 *
95.1 ft			
45	66.6	26,000 *	26,000 *
50	63.3	26,000 *	26,000 *
55	59.8	24,200 *	24,100 *
60	56.2	22,000 *	21,700 *
65	52.4	20,200 *	19,700 *
70	48.4	18,600 *	18,000 *
75	44.2	17,200 *	16,500 *
80	39.5	16,000 *	15,100 *
85	34.3	15,000 *	14,000 *
90	28.3	14,000 *	12,900 *
105.0 ft			
50	66.0	26,000 *	26,000 *
55	62.9	24,100 *	24,000 *
60	59.7	21,900 *	21,600 *
65	56.5	20,100 *	19,600 *
70	53.1	18,500 *	17,900 *
75	49.5	17,200 *	16,400 *
80	45.8	16,000 *	15,000 *
85	41.7	14,900 *	13,900 *
90	37.3	14,000 *	12,800 *
95	32.4	13,100 *	11,900 *
100	26.7	12,400 *	11,000 *

Oper. Radius Feet	Boom Angle Deg.	0 Degree Thru 1 Degree Machine List Boom Capacity Pounds	1 Degree Thru 3 Degree Machine List Boom Capacity Pounds
114.8 ft			
55	65.4	24,100 *	23,900 *
60	62.6	21,900 *	21,500 *
65	59.7	20,100 *	19,500 *
70	56.8	18,500 *	17,800 *
75	53.7	17,100 *	16,300 *
80	50.5	16,000 *	15,000 *
85	47.1	14,900 *	13,800 *
90	43.5	14,000 *	12,800 *
95	39.7	13,100 *	11,800 *
100	35.5	12,400 *	11,000 *
105	30.8	11,700 *	10,200 *
124.7 ft			
60	64.9	21,900 *	21,500 *
65	62.4	20,100 *	19,500 *
70	59.7	18,500 *	17,700 *
75	57.0	17,100 *	16,200 *
80	54.2	15,900 *	14,900 *
85	51.2	14,900 *	13,800 *
90	48.2	13,900 *	12,700 *
95	44.9	13,100 *	11,800 *
100	41.5	12,300 *	11,000 *
105	37.8	11,700 *	10,200 *
110	33.8	11,000 *	9,500 *
115	29.3	10,500 *	8,900 *
134.5 ft			
60	66.9	21,900 *	21,400 *
65	64.6	20,000 *	19,400 *
70	62.1	18,500 *	17,600 *
75	59.7	17,100 *	16,200 *
80	57.2	15,900 *	14,800 *
85	54.6	14,800 *	13,700 *
90	51.9	13,900 *	12,700 *
95	49.1	13,100 *	11,700 *
100	46.1	12,300 *	10,900 *
105	43.1	11,600 *	10,100 *
110	39.8	11,000 *	9,400 *
115	36.2	10,400 *	8,800 *