

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE BOOM CAPACITIES WITH JIB NO. 75 ATTACHED

M-1200

**BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT
MAST NO. 75
82'6" JIB STRUT
JIB AT 20 DEGREE OFFSET
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS
52,000 LB. CRANE COUNTERWEIGHT
2,017,600 LB. AUXILIARY COUNTERWEIGHT
360 DEGREE RATING**

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 (*).

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM POINT SHEAVES, IS CONSIDERED PART OF MAIN BOOM LOAD. WEIGHT OF JIB AND 100,000 LB. JIB LOAD (WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALLS, SLINGS, HOIST LINES, ETC. BENEATH JIB POINT SHEAVES) HAVE BEEN INCLUDED IN CAPACITY DETERMINATION. DO NOT USE THIS CHART IF JIB LOAD EXCEEDS 100,000 LBS. IF JIB LOAD IS LESS THAN 100,000 LBS., THE DIFFERENCE CAN BE ADDED TO BOOM CAPACITY. BOOM IS NOT TO BE LOWERED BEYOND RADII WHERE COMBINED WEIGHTS BENEATH BOOM POINT SHEAVES ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH ROLLER PATH LEVEL WITHIN A TOLERANCE OF 1-1/4" IN 60' AND PROPERLY SUPPORTED. DURING OPERATION, JIB MUST BE AT PROPER OFFSET ANGLE SHOWN. REFER TO BOOM RIGGING NO. 173399, JIB ASSEMBLY NO. 173400 AND WIRE ROPE SPECIFICATION CHART NO. 7683-E. 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.

MACHINE MAY BE OPERATED IN WINDS UP TO 30 MPH 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 A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 75 DEGREE BOOM ANGLE WHEN WIND EXCEEDS 30 MPH. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 50 MPH.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION 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 IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 60' RINGER ATTACHMENT, 30'9" CRAWLERS, 48" TREADS, 28' RETRACTABLE GANTRY, 150' NO. 75 MAST, 32 PART BOOM HOIST REEVING, STRAP BOOM PENDANTS, STRAP JIB PENDANTS AND BACKSTAYS, 52,000 LB. CRANE COUNTERWEIGHT, AND 2,017,600 LB. AUXILIARY COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED	
BOOM LGTH.	JIB NO. 75
253'	---
253'	200'
228'	225'
203'	250'
LOAD BLOCKS ON GROUND AT START.	

WARNING: CHECK AMOUNT OF AUXILIARY COUNTERWEIGHT ON MACHINE BEFORE USE OF THIS CHART.

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MAST NO. 75
82'6" JIB STRUT
100' JIB AT 20 DEGREE OFFSET
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS
52,000 LB. CRANE COUNTERWEIGHT
2,017,600 LB. AUXILIARY COUNTERWEIGHT
360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	2,292,700*
	70	80.0	210.2	1,990,700
	75	78.5	209.1	1,739,500
	80	77.1	207.8	1,536,000
	85	75.6	206.4	1,367,700
	90	74.1	204.9	1,226,300
	95	72.6	203.2	1,105,800
	100	71.1	201.4	1,001,800
	105	69.6	199.4	911,200
	110	68.1	197.3	831,600
	115	66.5	195.0	761,000
	120	65.0	192.6	698,000
	125	63.4	189.9	641,500
	130	61.8	187.1	590,400
	135	60.1	184.1	544,100
	140	58.4	180.9	501,900
	145	56.7	177.5	463,300
	150	55.0	173.9	427,800
	155	53.2	170.0	395,000
	160	51.4	165.9	364,800
2 2 8	165	49.5	161.5	336,700
	170	47.6	156.8	310,500
	175	45.5	151.7	281,000*
	180	43.5	146.3	246,400*
	185	41.3	140.4	213,200*
	190	39.0	134.1	181,300*
	195	36.6	127.2	150,300*
	200	34.1	119.6	120,100*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,994,200
	75	79.8	234.7	1,742,400
	80	78.5	233.6	1,538,300
	85	77.2	232.3	1,369,600
	90	75.9	231.0	1,227,800
	95	74.6	229.5	1,106,900
	100	73.3	227.9	1,002,600
	105	72.0	226.2	911,800
	110	70.6	224.3	831,900
	115	69.3	222.3	761,100
	120	67.9	220.2	697,900
	125	66.5	217.9	641,200
	130	65.1	215.5	590,000
	135	63.7	212.9	543,500
	140	62.3	210.2	501,100
	145	60.8	207.3	462,400
	150	59.4	204.2	426,700
	155	57.9	201.0	393,900
	160	56.3	197.5	363,500
	165	54.8	193.9	335,300
2 5 3	170	53.2	190.0	309,100
	175	51.6	185.9	284,600
	180	49.9	181.6	261,700
	185	48.2	177.0	240,300
	190	46.4	172.1	220,200
	195	44.6	166.9	193,900*
	200	42.8	161.4	167,000*
	205	40.8	155.4	140,900*
	210	38.8	149.0	115,700*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 5 3	70	82.0	261.0	1,994,800
	75	80.8	260.2	1,742,400
	80	79.7	259.2	1,537,900
	85	78.5	258.1	1,368,900
	90	77.3	256.9	1,226,800
	95	76.2	255.5	1,105,600
	100	75.0	254.1	1,001,200
	105	73.8	252.6	910,100
	110	72.6	250.9	830,000
	115	71.4	249.1	759,100
	120	70.2	247.3	695,800
	125	69.0	245.3	638,900
	130	67.8	243.1	587,600
	135	66.5	240.8	541,000
	140	65.3	238.5	498,600
	145	64.0	235.9	459,700
	150	62.7	233.2	424,000
	155	61.4	230.4	391,100
	160	60.1	227.4	360,600
	165	58.8	224.3	332,300
2 5 3	170	57.4	221.0	306,000
	175	56.0	217.5	281,500
	180	54.6	213.9	258,600
	185	53.2	210.0	237,100
	190	51.7	206.0	216,900
	195	50.2	201.7	197,900
	200	48.7	197.2	180,000
	205	47.2	192.4	162,200*
	210	45.6	187.4	139,500*
	215	43.9	182.1	117,600*

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2,017,600 LB. AUXILIARY COUNTERWEIGHT
360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	2,250,500
	70	80.0	210.2	1,936,000
	75	78.5	209.1	1,687,600
	80	77.1	207.8	1,486,300
	85	75.6	206.4	1,319,900
	90	74.1	204.9	1,180,100
	95	72.6	203.2	1,060,900
	100	71.1	201.4	958,100
	105	69.6	199.4	868,500
	110	68.1	197.3	789,800
	115	66.5	195.0	720,100
	120	65.0	192.6	657,800
	125	63.4	189.9	602,000
	130	61.8	187.1	551,600
	135	60.1	184.1	505,800
	140	58.4	180.9	464,100
	145	56.7	177.5	426,000
	150	55.0	173.9	391,000
	155	53.2	170.0	358,700
	160	51.4	165.9	328,800
	165	49.5	161.5	301,100
	170	47.6	156.8	270,100*
	175	45.5	151.7	234,400*
	180	43.5	146.3	200,300*
	185	41.3	140.4	167,600*
	190	39.0	134.1	136,100*
	195	36.6	127.2	105,600*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,941,500
	75	79.8	234.7	1,692,400
	80	78.5	233.6	1,490,500
	85	77.2	232.3	1,323,600
	90	75.9	231.0	1,183,400
	95	74.6	229.5	1,063,900
	100	73.3	227.9	960,800
	105	72.0	226.2	870,900
	110	70.6	224.3	791,900
	115	69.3	222.3	722,000
	120	67.9	220.2	659,500
	125	66.5	217.9	603,500
	130	65.1	215.5	552,900
	135	63.7	212.9	506,900
	140	62.3	210.2	465,100
	145	60.8	207.3	426,800
	150	59.4	204.2	391,600
	155	57.9	201.0	359,200
	160	56.3	197.5	329,200
	165	54.8	193.9	301,300
	170	53.2	190.0	275,500
	175	51.6	185.9	251,300
	180	49.9	181.6	228,800
	185	48.2	177.0	207,300*
	190	46.4	172.1	178,500*
	195	44.6	166.9	151,000*
	200	42.8	161.4	124,400*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 5 3	70	82.0	261.0	1,943,500
	75	80.8	260.2	1,693,800
	80	79.7	259.2	1,491,600
	85	78.5	258.1	1,324,400
	90	77.3	256.9	1,183,800
	95	76.2	255.5	1,064,000
	100	75.0	254.1	960,700
	105	73.8	252.6	870,700
	110	72.6	250.9	791,500
	115	71.4	249.1	721,400
	120	70.2	247.3	658,800
	125	69.0	245.3	602,600
	130	67.8	243.1	551,900
	135	66.5	240.8	505,800
	140	65.3	238.5	463,900
	145	64.0	235.9	425,500
	150	62.7	233.2	390,200
	155	61.4	230.4	357,600
	160	60.1	227.4	327,600
	165	58.8	224.3	299,700
	170	57.4	221.0	273,700
	175	56.0	217.5	249,500
	180	54.6	213.9	226,800
	185	53.2	210.0	205,600
	190	51.7	206.0	185,700
	195	50.2	201.7	167,000
	200	48.7	197.2	144,800*
	205	47.2	192.4	121,600*

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MAST NO. 75

82'6" JIB STRUT

150' JIB AT 20 DEGREE OFFSET

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	2,190,000
	70	80.0	210.2	1,879,400
	75	78.5	209.1	1,633,900
	80	77.1	207.8	1,435,100
	85	75.6	206.4	1,270,800
	90	74.1	204.9	1,132,700
	95	72.6	203.2	1,015,000
	100	71.1	201.4	913,600
	105	69.6	199.4	825,200
	110	68.1	197.3	747,500
	115	66.5	195.0	678,600
	120	65.0	192.6	617,200
	125	63.4	189.9	562,100
	130	61.8	187.1	512,400
	135	60.1	184.1	467,300
	140	58.4	180.9	426,200
	145	56.7	177.5	388,600
	150	55.0	173.9	354,100
	155	53.2	170.0	322,300
	160	51.4	165.9	292,900
	165	49.5	161.5	260,200*
	170	47.6	156.8	223,100*
	175	45.5	151.7	187,900*
	180	43.5	146.3	154,400*
	185	41.3	140.4	122,200*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,886,800
	75	79.8	234.7	1,640,700
	80	78.5	233.6	1,441,300
	85	77.2	232.3	1,276,500
	90	75.9	231.0	1,138,000
	95	74.6	229.5	1,019,900
	100	73.3	227.9	918,100
	105	72.0	226.2	829,400
	110	70.6	224.3	751,400
	115	69.3	222.3	682,400
	120	67.9	220.2	620,700
	125	66.5	217.9	565,400
	130	65.1	215.5	515,500
	135	63.7	212.9	470,200
	140	62.3	210.2	428,900
	145	60.8	207.3	391,100
	150	59.4	204.2	356,400
	155	57.9	201.0	324,400
	160	56.3	197.5	294,900
	165	54.8	193.9	267,500
	170	53.2	190.0	242,000
	175	51.6	185.9	218,200
	180	49.9	181.6	193,400*
	185	48.2	177.0	163,800*
	190	46.4	172.1	135,500*
	195	44.6	166.9	108,400*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 5 3	70	82.0	261.0	1,890,300
	75	80.8	260.2	1,643,700
	80	79.7	259.2	1,443,900
	85	78.5	258.1	1,278,700
	90	77.3	256.9	1,139,900
	95	76.2	255.5	1,021,600
	100	75.0	254.1	919,500
	105	73.8	252.6	830,600
	110	72.6	250.9	752,500
	115	71.4	249.1	683,200
	120	70.2	247.3	621,400
	125	69.0	245.3	566,000
	130	67.8	243.1	515,900
	135	66.5	240.8	470,400
	140	65.3	238.5	429,000
	145	64.0	235.9	391,200
	150	62.7	233.2	356,300
	155	61.4	230.4	324,300
	160	60.1	227.4	294,600
	165	58.8	224.3	267,100
	170	57.4	221.0	241,500
	175	56.0	217.5	217,600
	180	54.6	213.9	195,300
	185	53.2	210.0	174,400
	190	51.7	206.0	152,700*
	195	50.2	201.7	127,900*
	200	48.7	197.2	104,200*

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MAST NO. 75
82'6" JIB STRUT
175' JIB AT 20 DEGREE OFFSET
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS
52,000 LB. CRANE COUNTERWEIGHT
2,017,600 LB. AUXILIARY COUNTERWEIGHT
360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	2,128,400
	70	80.0	210.2	1,821,400
	75	78.5	209.1	1,578,800
	80	77.1	207.8	1,382,400
	85	75.6	206.4	1,220,000
	90	74.1	204.9	1,083,600
	95	72.6	203.2	967,300
	100	71.1	201.4	867,100
	105	69.6	199.4	779,800
	110	68.1	197.3	703,000
	115	66.5	195.0	635,100
	120	65.0	192.6	574,500
	125	63.4	189.9	520,100
	130	61.8	187.1	471,000
	135	60.1	184.1	426,500
	140	58.4	180.9	386,000
	145	56.7	177.5	348,900
	150	55.0	173.9	314,900
	155	53.2	170.0	283,500
	160	51.4	165.9	248,200*
	165	49.5	161.5	209,500*
	170	47.6	156.8	172,900*
	175	45.5	151.7	138,200*
	180	43.5	146.3	105,200*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,831,000
	75	79.8	234.7	1,587,800
	80	78.5	233.6	1,390,700
	85	77.2	232.3	1,227,900
	90	75.9	231.0	1,091,000
	95	74.6	229.5	974,300
	100	73.3	227.9	873,800
	105	72.0	226.2	786,100
	110	70.6	224.3	709,100
	115	69.3	222.3	640,900
	120	67.9	220.2	580,000
	125	66.5	217.9	525,400
	130	65.1	215.5	476,100
	135	63.7	212.9	431,400
	140	62.3	210.2	390,600
	145	60.8	207.3	353,300
	150	59.4	204.2	319,100
	155	57.9	201.0	287,600
	160	56.3	197.5	258,400
	165	54.8	193.9	231,400
	170	53.2	190.0	206,300
	175	51.6	185.9	177,000*
	180	49.9	181.6	146,500*
	185	48.2	177.0	117,300*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 5 3	70	82.0	261.0	1,836,100
	75	80.8	260.2	1,592,400
	80	79.7	259.2	1,394,900
	85	78.5	258.1	1,231,700
	90	77.3	256.9	1,094,500
	95	76.2	255.5	977,600
	100	75.0	254.1	876,800
	105	73.8	252.6	789,000
	110	72.6	250.9	711,800
	115	71.4	249.1	643,300
	120	70.2	247.3	582,300
	125	69.0	245.3	527,500
	130	67.8	243.1	478,100
	135	66.5	240.8	433,200
	140	65.3	238.5	392,400
	145	64.0	235.9	354,900
	150	62.7	233.2	320,600
	155	61.4	230.4	288,900
	160	60.1	227.4	259,700
	165	58.8	224.3	232,500
	170	57.4	221.0	207,300
	175	56.0	217.5	183,800
	180	54.6	213.9	160,600*
	185	53.2	210.0	134,000*
	190	51.7	206.0	108,500*



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M-1200

**BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT
 MAST NO. 75
 82'6" JIB STRUT
 200' JIB AT 20 DEGREE OFFSET
 60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS
 52,000 LB. CRANE COUNTERWEIGHT
 2,017,600 LB. AUXILIARY COUNTERWEIGHT
 360 DEGREE RATING**

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	2,062,100
	70	80.0	210.2	1,759,300
	75	78.5	209.1	1,520,200
	80	77.1	207.8	1,326,500
	85	75.6	206.4	1,166,400
	90	74.1	204.9	1,031,900
	95	72.6	203.2	917,300
	100	71.1	201.4	818,600
	105	69.6	199.4	732,500
	110	68.1	197.3	656,900
	115	66.5	195.0	590,000
	120	65.0	192.6	530,300
	125	63.4	189.9	476,800
	130	61.8	187.1	428,500
	135	60.1	184.1	384,700
	140	58.4	180.9	344,800
	145	56.7	177.5	308,400
	150	55.0	173.9	274,900
	155	53.2	170.0	236,300*
	160	51.4	165.9	196,000*
	165	49.5	161.5	158,000*
	170	47.6	156.8	122,000*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,771,200
	75	79.8	234.7	1,531,400
	80	78.5	233.6	1,337,000
	85	77.2	232.3	1,176,500
	90	75.9	231.0	1,041,500
	95	74.6	229.5	926,500
	100	73.3	227.9	827,400
	105	72.0	226.2	741,000
	110	70.6	224.3	665,100
	115	69.3	222.3	597,900
	120	67.9	220.2	537,900
	125	66.5	217.9	484,100
	130	65.1	215.5	435,500
	135	63.7	212.9	391,500
	140	62.3	210.2	351,400
	145	60.8	207.3	314,700
	150	59.4	204.2	281,000
	155	57.9	201.0	250,000
	160	56.3	197.5	221,300
	165	54.8	193.9	194,000*
	170	53.2	190.0	160,700*
	175	51.6	185.9	129,100*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 5 3	70	82.0	261.0	1,768,700*
	75	80.8	260.2	1,537,600
	80	79.7	259.2	1,342,800
	85	78.5	258.1	1,181,900
	90	77.3	256.9	1,046,700
	95	76.2	255.5	931,400
	100	75.0	254.1	832,000
	105	73.8	252.6	745,500
	110	72.6	250.9	669,300
	115	71.4	249.1	601,900
	120	70.2	247.3	541,800
	125	69.0	245.3	487,800
	130	67.8	243.1	439,100
	135	66.5	240.8	394,900
	140	65.3	238.5	354,700
	145	64.0	235.9	317,800
	150	62.7	233.2	284,000
	155	61.4	230.4	252,800
	160	60.1	227.4	224,000
	165	58.8	224.3	197,300
	170	57.4	221.0	171,400*
	175	56.0	217.5	142,500*
	180	54.6	213.9	115,100*

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFT CRANE BOOM CAPACITIES WITH JIB NO. 75 ATTACHED

M-1200

BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT
MAST NO. 75
82'6" JIB STRUT
225' JIB AT 20 DEGREE OFFSET
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS
52,000 LB. CRANE COUNTERWEIGHT
2,017,600 LB. AUXILIARY COUNTERWEIGHT
360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	1,987,200
	70	80.0	210.2	1,689,300
	75	78.5	209.1	1,454,000
	80	77.1	207.8	1,263,500
	85	75.6	206.4	1,106,000
	90	74.1	204.9	973,800
	95	72.6	203.2	861,100
	100	71.1	201.4	764,000
	105	69.6	199.4	679,400
	110	68.1	197.3	605,100
	115	66.5	195.0	539,300
	120	65.0	192.6	480,700
	125	63.4	189.9	428,100
	130	61.8	187.1	380,700
	135	60.1	184.1	337,700
	140	58.4	180.9	298,600
	145	56.7	177.5	262,800
	150	55.0	173.9	219,100*
	155	53.2	170.0	176,900*
	160	51.4	165.9	137,400*
	165	49.5	161.5	100,100*

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 2 8	70	81.1	235.7	1,703,700
	75	79.8	234.7	1,467,700
	80	78.5	233.6	1,276,500
	85	77.2	232.3	1,118,500
	90	75.9	231.0	985,700
	95	74.6	229.5	872,600
	100	73.3	227.9	775,100
	105	72.0	226.2	690,200
	110	70.6	224.3	615,500
	115	69.3	222.3	549,400
	120	67.9	220.2	490,500
	125	66.5	217.9	437,600
	130	65.1	215.5	389,900
	135	63.7	212.9	346,600
	140	62.3	210.2	307,300
	145	60.8	207.3	271,200
	150	59.4	204.2	238,200
	155	57.9	201.0	207,700
	160	56.3	197.5	173,400*
	165	54.8	193.9	138,800*
	170	53.2	190.0	106,100*

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360 DEGREE RATING

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY POUNDS
2 0 3	65	81.4	211.2	1,918,600
	70	80.0	210.2	1,625,000
	75	78.5	209.1	1,393,000
	80	77.1	207.8	1,205,200
	85	75.6	206.4	1,050,100
	90	74.1	204.9	919,700
	95	72.6	203.2	808,700
	100	71.1	201.4	713,100
	105	69.6	199.4	629,800
	110	68.1	197.3	556,600
	115	66.5	195.0	491,800
	120	65.0	192.6	434,100
	125	63.4	189.9	382,400
	130	61.8	187.1	335,700
	135	60.1	184.1	293,400
	140	58.4	180.9	254,300*
	145	56.7	177.5	206,600*
	150	55.0	173.9	162,200*
	155	53.2	170.0	120,700*