

MANITOWOC ENGINEERING CO.

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



M-1200

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

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, JIB LENGTHS AND JIB 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, SLINGS, HOIST LINES, ETC., BENEATH JIB POINT SHEAVES, IS CONSIDERED PART OF JIB LOAD. BOOM AND JIB ARE 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.

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. REFER TO BOOM RIGGING NO. 173399, JIB ASSEMBLY NO. 173400 OR NO. 176116 AND WIRE ROPE SPECIFICATION CHART NO. 7683-D. 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. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 60' RINGER ATTACHMENT, 30'9" CRAWLERS, 48" TREADS, 28' RETRACTABLE GANTRY, 150' NO. 75 OR NO. 75A 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'	250'
LOAD BLOCK ON GROUND AT START.	

LOAD BLOCK, BOOM POINT HANGER FRAME AND UPPER BOOM POINT MUST BE REMOVED FROM MAIN BOOM FOR USE OF THIS CHART.

UPPER JIB POINT MUST BE REMOVED FOR USE OF THIS CHART.

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

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100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
203	75	85.3	315.2	1,721,900*				75
	80	84.3	314.3	1,610,200*				80
	85	83.4	313.4	1,511,600*				85
	90	82.4	312.5	1,423,900*				90
	95	81.5	311.4	1,345,300*	85.1	307.8	797,100*	95
	100	80.5	310.2	1,274,500*	84.2	306.6	767,300*	100
	105	79.6	309.0	1,188,700	83.2	305.3	739,500*	105
	110	78.6	307.6	1,105,300	82.2	304.0	713,500*	110
	115	77.6	306.2	1,031,400	81.2	302.5	689,100*	115
	120	76.7	304.7	965,500	80.2	301.0	666,300*	120
	125	75.7	303.1	906,400	79.3	299.4	644,900*	125
	130	74.7	301.4	853,000	78.3	297.6	624,700*	130
	135	73.7	299.6	804,500	77.2	295.8	605,700*	135
	140	72.7	297.7	760,400	76.2	293.9	587,700*	140
	145	71.7	295.7	720,000	75.2	291.8	570,700*	145
	150	70.7	293.5	682,900	74.2	289.7	554,500*	150
	155	69.7	291.3	648,600	73.2	287.5	539,300*	155
	160	68.6	289.0	617,000	72.1	285.1	524,700*	160
	165	67.6	286.6	587,600	71.1	282.6	510,900*	165
	170	66.6	284.0	560,300	70.0	280.0	497,800*	170
	175	65.5	281.4	534,800	68.9	277.3	485,300*	175
	180	64.4	278.6	511,000	67.9	274.5	473,300*	180
	185	63.4	275.7	488,700	66.8	271.6	461,900*	185
	190	62.3	272.6	467,700	65.6	268.5	451,000*	190
	195	61.2	269.5	448,000	64.5	265.3	440,600*	195
	200	60.0	266.2	429,400	63.4	261.9	430,600*	200
	210	57.8	259.1	395,300	61.1	254.7	405,700	210
	220	55.4	251.5	364,600	58.7	246.9	374,100	220
	230	53.0	243.1	336,900	56.2	238.4	345,500	230
	240	50.5	234.0	311,800	53.6	229.1	319,600	240
	250	47.8	224.0	288,900	50.9	218.9	295,900	250
	260	45.1	213.1	267,800	48.1	207.7	274,100	260
	270	42.1	201.0	248,500	45.1	195.2	254,000	270
	280	39.0	187.4	230,500	41.8	181.2	235,300	280
	290	35.6	172.2	213,900	38.3	165.3	217,900	290
	300	31.8	154.6	187,900*	34.3	146.9	197,700*	300
	310	27.5	133.8	161,000*	29.7	124.6	169,200*	310

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 8	75	85.6	340.4	1,764,000*				75
	80	84.8	339.6	1,713,400*				80
	85	83.9	338.8	1,613,800*				85
	90	83.0	337.9	1,512,100				90
	95	82.1	336.9	1,385,500	85.5	333.1	846,600*	95
	100	81.3	335.8	1,276,400	84.6	332.1	816,800*	100
	105	80.4	334.7	1,181,400	83.7	330.9	788,900*	105
	110	79.5	333.4	1,097,800	82.8	329.6	762,700*	110
	115	78.6	332.1	1,023,800	81.9	328.3	738,200*	115
	120	77.7	330.7	957,800	81.0	326.9	715,000*	120
	125	76.8	329.3	898,500	80.1	325.4	693,300*	125
	130	75.9	327.7	845,000	79.2	323.8	672,700*	130
	135	75.0	326.0	796,500	78.3	322.1	653,200*	135
	140	74.1	324.3	752,200	77.3	320.4	634,800*	140
	145	73.1	322.5	711,800	76.4	318.5	617,400*	145
	150	72.2	320.5	674,600	75.5	316.6	600,800*	150
	155	71.3	318.5	640,300	74.5	314.5	585,000*	155
	160	70.4	316.4	608,600	73.6	312.4	570,000*	160
	165	69.4	314.2	579,200	72.6	310.1	555,700*	165
	170	68.5	311.9	551,800	71.7	307.8	542,100*	170
	175	67.5	309.5	526,300	70.7	305.3	529,000*	175
	180	66.5	306.9	502,500	69.7	302.8	516,600*	180
	185	65.6	304.3	480,100	68.7	300.1	494,600	185
	190	64.6	301.6	459,100	67.7	297.3	473,000	190
	195	63.6	298.7	439,400	66.7	294.5	452,700	195
	200	62.6	295.8	420,800	65.7	291.5	433,500	200
	210	60.6	289.5	386,600	63.6	285.1	398,300	210
	220	58.5	282.7	356,000	61.5	278.1	366,700	220
	230	56.3	275.3	328,300	59.3	270.6	338,100	230
	240	54.1	267.3	303,100	57.1	262.5	312,100	240
	250	51.8	258.7	280,200	54.8	253.7	288,400	250
	260	49.5	249.4	259,300	52.4	244.2	266,700	260
	270	47.0	239.2	239,900	49.8	233.8	246,700	270
	280	44.4	228.1	222,100	47.2	222.4	228,100	280
	290	41.7	215.9	205,600	44.4	209.8	210,900	290
	300	38.8	202.4	190,200	41.4	195.9	194,800	300
	310	35.7	187.3	175,800	38.2	180.2	179,700	310
	320	32.3	170.1	160,500*	34.6	162.2	165,500	320
	330	28.4	150.1	137,400*	30.5	141.1	144,900*	330

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	75	85.9	365.6	1,764,000*				75
	80	85.1	364.9	1,733,000*				80
	85	84.3	364.1	1,650,500*				85
	90	83.5	363.2	1,505,100				90
	95	82.7	362.3	1,378,200	85.8	358.4	874,700*	95
	100	81.9	361.3	1,268,800	85.0	357.4	846,300*	100
	105	81.1	360.3	1,173,500	84.2	356.4	819,600*	105
	110	80.2	359.1	1,089,700	83.3	355.2	794,600*	110
	115	79.4	357.9	1,015,500	82.5	354.0	771,000*	115
	120	78.6	356.6	949,300	81.7	352.7	748,800*	120
	125	77.7	355.3	889,800	80.8	351.3	727,700*	125
	130	76.9	353.8	836,200	80.0	349.8	707,800*	130
	135	76.1	352.3	787,500	79.1	348.3	689,000*	135
	140	75.2	350.7	743,200	78.3	346.6	671,100*	140
	145	74.4	349.0	702,600	77.4	344.9	654,100*	145
	150	73.5	347.2	665,300	76.6	343.1	637,900*	150
	155	72.7	345.3	630,900	75.7	341.3	622,500*	155
	160	71.8	343.4	599,100	74.8	339.3	607,800*	160
	165	70.9	341.4	569,700	74.0	337.2	588,800	165
	170	70.1	339.3	542,200	73.1	335.1	560,500	170
	175	69.2	337.0	516,700	72.2	332.8	534,100	175
	180	68.3	334.7	492,800	71.3	330.5	509,500	180
	185	67.4	332.3	470,400	70.4	328.1	486,400	185
	190	66.5	329.8	449,300	69.5	325.6	464,700	190
	195	65.6	327.3	429,600	68.6	322.9	444,300	195
	200	64.7	324.6	410,900	67.6	320.2	425,100	200
	210	62.9	318.9	376,700	65.8	314.4	389,700	210
	220	61.0	312.7	345,900	63.9	308.2	358,000	220
	230	59.1	306.1	318,200	61.9	301.5	329,300	230
	240	57.1	299.0	293,100	59.9	294.2	303,300	240
	250	55.1	291.4	270,100	57.8	286.5	279,600	250
	260	53.0	283.1	249,100	55.7	278.1	257,800	260
	270	50.9	274.3	229,800	53.5	269.0	237,800	270
	280	48.6	264.7	212,000	51.3	259.3	219,300	280
	290	46.3	254.3	195,500	48.9	248.7	202,100	290
	300	43.9	243.1	180,200	46.4	237.1	186,100	300
	310	41.4	230.8	165,900	43.8	224.5	171,200	310
	320	38.7	217.3	152,500	41.0	210.6	157,100	320
	330	35.8	202.3	139,900	38.1	195.1	143,900	330
	340	32.7	185.5	128,000	34.8	177.5	131,300	340
	350	29.2	166.2	110,300*	31.1	157.2	117,000*	350

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
203	80	85.2	339.7	1,582,100*				80
	85	84.4	338.9	1,482,800*				85
	90	83.5	338.0	1,394,900*				90
	95	82.6	337.0	1,316,300*				95
	100	81.7	335.9	1,245,800*				100
	105	80.8	334.8	1,182,200*	85.2	330.6	706,400*	105
	110	80.0	333.5	1,108,700	84.3	329.3	680,800*	110
	115	79.1	332.2	1,034,800	83.4	328.0	656,900*	115
	120	78.2	330.8	968,800	82.5	326.6	634,500*	120
	125	77.3	329.3	909,600	81.6	325.1	613,400*	125
	130	76.4	327.8	856,100	80.7	323.5	593,500*	130
	135	75.5	326.1	807,600	79.8	321.8	574,800*	135
	140	74.6	324.4	763,400	78.9	320.0	557,200*	140
	145	73.6	322.5	723,000	77.9	318.2	540,500*	145
	150	72.7	320.6	685,800	77.0	316.2	524,600*	150
	155	71.8	318.6	651,600	76.0	314.2	509,600*	155
	160	70.8	316.5	619,900	75.1	312.0	495,400*	160
	165	69.9	314.3	590,500	74.1	309.8	481,800*	165
	170	69.0	311.9	563,100	73.2	307.4	468,900*	170
	175	68.0	309.5	537,700	72.2	305.0	456,600*	175
	180	67.0	307.0	513,800	71.2	302.4	444,900*	180
	185	66.1	304.4	491,500	70.2	299.8	433,700*	185
	190	65.1	301.7	470,500	69.2	297.0	423,000*	190
	195	64.1	298.8	450,800	68.2	294.1	412,700*	195
	200	63.1	295.8	432,200	67.2	291.1	402,900*	200
	210	61.0	289.6	398,100	65.1	284.7	384,500*	210
	220	59.0	282.8	367,400	63.0	277.7	367,600*	220
	230	56.8	275.4	339,800	60.8	270.2	351,700	230
	240	54.6	267.4	314,700	58.6	262.1	325,700	240
	250	52.3	258.8	291,800	56.3	253.3	301,900	250
	260	50.0	249.5	270,800	53.8	243.7	280,100	260
	270	47.5	239.3	251,500	51.3	233.3	260,000	270
	280	44.9	228.2	233,700	48.7	221.9	241,300	280
	290	42.2	216.0	217,200	45.9	209.3	224,000	290
	300	39.3	202.5	201,800	42.9	195.3	207,900	300
	310	36.2	187.4	184,500*	39.6	179.6	192,700	310
	320	32.8	170.3	161,700*	36.0	161.5	174,400*	320
	330	28.9	150.3	138,800*	31.9	140.2	150,100*	330

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 8	80	85.6	364.9	1,601,900*				80
	85	84.8	364.1	1,544,700*				85
	90	84.0	363.3	1,456,100*				90
	95	83.1	362.4	1,376,800*				95
	100	82.3	361.4	1,280,300				100
	105	81.5	360.3	1,185,100	85.6	355.9	743,200*	105
	110	80.7	359.2	1,101,400	84.7	354.8	718,400*	110
	115	79.9	358.0	1,027,300	83.9	353.6	695,100*	115
	120	79.0	356.7	961,200	83.1	352.3	673,200*	120
	125	78.2	355.3	901,800	82.2	350.9	652,600*	125
	130	77.4	353.9	848,200	81.4	349.4	633,200*	130
	135	76.5	352.3	799,600	80.5	347.8	614,800*	135
	140	75.7	350.7	755,300	79.7	346.2	597,400*	140
	145	74.8	349.0	714,800	78.8	344.5	580,900*	145
	150	74.0	347.3	677,600	78.0	342.7	565,300*	150
	155	73.1	345.4	643,200	77.1	340.8	550,500*	155
	160	72.3	343.5	611,500	76.2	338.9	536,300*	160
	165	71.4	341.4	582,000	75.3	336.8	522,900*	165
	170	70.5	339.3	554,700	74.5	334.6	510,000*	170
	175	69.7	337.1	529,100	73.6	332.4	497,800*	175
	180	68.8	334.8	505,200	72.7	330.1	486,100*	180
	185	67.9	332.4	482,900	71.8	327.6	474,500*	185
	190	67.0	329.9	461,900	70.9	325.1	463,300*	190
	195	66.1	327.3	442,100	69.9	322.5	452,600*	195
	200	65.2	324.6	423,500	69.0	319.7	440,400	200
	210	63.3	318.9	389,300	67.1	313.9	404,900	210
	220	61.4	312.8	358,600	65.2	307.7	373,100	220
	230	59.5	306.2	330,900	63.3	301.0	344,300	230
	240	57.6	299.1	305,800	61.3	293.7	318,200	240
	250	55.5	291.4	282,900	59.2	285.9	294,400	250
	260	53.5	283.2	262,000	57.1	277.5	272,600	260
	270	51.3	274.3	242,700	54.9	268.5	252,500	270
	280	49.1	264.8	224,900	52.6	258.7	233,900	280
	290	46.8	254.4	208,500	50.3	248.1	216,700	290
	300	44.4	243.2	193,100	47.8	236.5	200,600	300
	310	41.8	230.9	178,900	45.2	223.8	185,600	310
	320	39.1	217.4	165,500	42.4	209.9	171,500	320
	330	36.3	202.4	152,900	39.4	194.3	158,200	330
	340	33.1	185.6	136,400*	36.1	176.7	145,600	340
	350	29.6	166.4	116,500*	32.4	156.2	126,800*	350
	360				28.1	131.5	104,800*	360

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

125 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	80	85.9	390.1	1,602,600*				80
	85	85.1	389.4	1,592,900*				85
	90	84.4	388.6	1,500,300*				90
	95	83.6	387.8	1,382,700				95
	100	82.8	386.8	1,273,100				100
	105	82.1	385.8	1,177,600	85.9	381.3	754,400*	105
	110	81.3	384.8	1,093,600	85.1	380.2	730,600*	110
	115	80.5	383.6	1,019,300	84.3	379.1	708,100*	115
	120	79.8	382.4	952,900	83.5	377.8	687,000*	120
	125	79.0	381.2	893,400	82.8	376.5	667,000*	125
	130	78.2	379.8	839,700	82.0	375.2	648,100*	130
	135	77.4	378.4	790,900	81.2	373.7	630,200*	135
	140	76.7	376.9	746,500	80.4	372.2	613,200*	140
	145	75.9	375.3	705,800	79.6	370.6	597,000*	145
	150	75.1	373.7	668,500	78.8	369.0	581,700*	150
	155	74.3	372.0	634,100	78.0	367.2	567,000*	155
	160	73.5	370.2	602,200	77.2	365.4	553,100*	160
	165	72.7	368.3	572,700	76.4	363.5	539,800*	165
	170	71.9	366.3	545,200	75.6	361.5	527,100*	170
	175	71.1	364.3	519,600	74.7	359.4	514,900*	175
	180	70.3	362.2	495,700	73.9	357.3	503,300*	180
	185	69.4	360.0	473,300	73.1	355.1	492,200*	185
	190	68.6	357.7	452,200	72.2	352.7	472,300	190
	195	67.8	355.3	432,400	71.4	350.3	451,800	195
	200	66.9	352.8	413,700	70.6	347.8	432,400	200
	210	65.3	347.6	379,400	68.8	342.5	396,700	210
	220	63.5	342.0	348,700	67.1	336.8	364,800	220
	230	61.8	336.0	321,000	65.3	330.7	335,900	230
	240	60.0	329.5	295,800	63.5	324.1	309,700	240
	250	58.2	322.6	272,900	61.7	317.1	285,800	250
	260	56.3	315.2	251,900	59.8	309.6	263,900	260
	270	54.4	307.3	232,600	57.8	301.6	243,800	270
	280	52.4	298.9	214,800	55.8	292.9	225,200	280
	290	50.4	289.8	198,300	53.7	283.6	207,900	290
	300	48.3	280.0	183,000	51.6	273.6	191,900	300
	310	46.2	269.5	168,800	49.4	262.9	176,900	310
	320	43.9	258.1	155,400	47.0	251.2	162,900	320
	330	41.5	245.8	143,000	44.6	238.4	149,700	330
	340	39.0	232.3	131,200	42.0	224.5	137,300	340
	350	36.3	217.5	120,100	39.2	209.1	125,500	350
	360	33.4	200.9	108,200*	36.1	191.8	114,300	360
	370				32.8	172.0	100,200*	370

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

150 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
203	85	85.3	364.2	1,352,300*				85
	90	84.5	363.3	1,270,100*				90
	95	83.7	362.4	1,196,800*				95
	100	82.9	361.4	1,131,000*				100
	105	82.1	360.3	1,071,700*				105
	110	81.2	359.2	1,017,800*				110
	115	80.4	358.0	968,800*	85.4	353.3	627,600*	115
	120	79.6	356.7	923,900*	84.5	352.0	605,600*	120
	125	78.8	355.3	882,700*	83.7	350.6	585,000*	125
	130	77.9	353.9	844,700*	82.8	349.1	565,600*	130
	135	77.1	352.4	809,600*	82.0	347.6	547,300*	135
	140	76.2	350.7	767,600	81.1	346.0	530,100*	140
	145	75.4	349.1	727,100	80.3	344.2	513,700*	145
	150	74.5	347.3	689,900	79.4	342.4	498,300*	150
	155	73.7	345.4	655,600	78.5	340.6	483,600*	155
	160	72.8	343.5	623,800	77.7	338.6	469,700*	160
	165	72.0	341.4	594,400	76.8	336.5	456,400*	165
	170	71.1	339.3	567,000	75.9	334.4	443,800*	170
	175	70.2	337.1	541,500	75.0	332.1	431,800*	175
	180	69.3	334.8	517,600	74.1	329.8	420,300*	180
	185	68.4	332.4	495,200	73.2	327.4	409,400*	185
	190	67.5	329.9	474,300	72.3	324.8	398,900*	190
	195	66.6	327.3	454,500	71.4	322.2	388,900*	195
	200	65.7	324.6	435,900	70.5	319.5	379,300*	200
	210	63.9	318.9	401,700	68.6	313.7	361,200*	210
	220	62.0	312.8	371,000	66.7	307.4	344,600*	220
	230	60.1	306.2	343,400	64.7	300.7	329,300*	230
	240	58.1	299.1	318,300	62.7	293.4	315,100*	240
	250	56.1	291.4	295,400	60.6	285.6	301,900*	250
	260	54.0	283.2	274,400	58.5	277.2	285,600	260
	270	51.9	274.4	255,200	56.3	268.2	265,500	270
	280	49.7	264.8	237,400	54.1	258.3	246,900	280
	290	47.3	254.4	220,900	51.7	247.7	229,600	290
	300	44.9	243.2	205,600	49.2	236.1	213,500	300
	310	42.4	230.9	191,300	46.6	223.4	198,400	310
	320	39.7	217.4	178,000	43.8	209.4	184,300	320
	330	36.8	202.5	160,000*	40.8	193.8	171,000	330
	340	33.7	185.7	140,200*	37.5	176.1	153,700*	340
	350	30.2	166.4	120,400*	33.8	155.6	132,600*	350
	360				29.4	130.8	110,500*	360

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

150 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
228	85	85.6	389.4	1,438,000*				85
	90	84.9	388.6	1,360,500*				90
	95	84.1	387.8	1,284,700*				95
	100	83.4	386.8	1,216,300*				100
	105	82.6	385.8	1,154,500*				105
	110	81.8	384.8	1,098,300*				110
	115	81.1	383.6	1,032,300	85.7	378.7	643,100*	115
	120	80.3	382.4	966,000	84.9	377.5	622,300*	120
	125	79.5	381.2	906,500	84.1	376.2	602,600*	125
	130	78.7	379.8	852,800	83.3	374.8	584,100*	130
	135	78.0	378.4	804,100	82.5	373.4	566,600*	135
	140	77.2	376.9	759,700	81.7	371.9	550,100*	140
	145	76.4	375.3	719,100	81.0	370.3	534,400*	145
	150	75.6	373.7	681,800	80.2	368.6	519,500*	150
	155	74.8	372.0	647,400	79.3	366.9	505,400*	155
	160	74.0	370.2	615,600	78.5	365.1	491,900*	160
	165	73.2	368.3	586,100	77.7	363.1	479,100*	165
	170	72.4	366.3	558,700	76.9	361.2	466,900*	170
	175	71.6	364.3	533,100	76.1	359.1	455,200*	175
	180	70.8	362.2	509,200	75.3	356.9	444,100*	180
	185	70.0	360.0	486,700	74.4	354.7	433,400*	185
	190	69.1	357.7	465,700	73.6	352.4	423,200*	190
	195	68.3	355.3	445,900	72.7	349.9	413,500*	195
	200	67.5	352.8	427,300	71.9	347.4	404,100*	200
	210	65.8	347.6	393,000	70.2	342.1	386,500*	210
	220	64.1	342.0	362,300	68.4	336.4	370,300*	220
	230	62.3	336.0	334,600	66.7	330.3	350,400	230
	240	60.5	329.5	309,400	64.8	323.7	324,100	240
	250	58.7	322.6	286,500	63.0	316.7	300,200	250
	260	56.8	315.2	265,600	61.1	309.2	278,300	260
	270	54.9	307.3	246,300	59.1	301.1	258,100	270
	280	53.0	298.9	228,500	57.1	292.5	239,500	280
	290	50.9	289.8	212,100	55.1	283.2	222,200	290
	300	48.8	280.0	196,800	52.9	273.2	206,100	300
	310	46.7	269.5	182,500	50.7	262.4	191,100	310
	320	44.4	258.1	169,200	48.3	250.7	177,100	320
	330	42.0	245.8	156,800	45.9	237.9	163,800	330
	340	39.5	232.3	145,000	43.3	223.9	151,400	340
	350	36.8	217.5	134,000	40.5	208.4	139,600	350
	360	33.9	200.9	116,800*	37.4	191.1	128,300	360
	370				34.0	171.2	110,400*	370

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

150 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	85	85.9	414.6	1,439,000*				85
	90	85.2	413.9	1,406,600*				90
	95	84.5	413.1	1,331,200*				95
	100	83.8	412.2	1,263,200*				100
	105	83.1	411.3	1,183,400				105
	110	82.3	410.3	1,099,300				110
	115	81.6	409.2	1,024,700	86.0	404.1	652,400*	115
	120	80.9	408.1	958,200	85.2	402.9	632,300*	120
	125	80.2	406.9	898,600	84.5	401.7	613,400*	125
	130	79.4	405.6	844,700	83.8	400.4	595,500*	130
	135	78.7	404.3	795,800	83.0	399.1	578,500*	135
	140	78.0	402.9	751,300	82.3	397.7	562,400*	140
	145	77.3	401.4	710,500	81.5	396.2	547,100*	145
	150	76.5	399.9	673,100	80.8	394.6	532,500*	150
	155	75.8	398.3	638,600	80.0	393.0	518,600*	155
	160	75.0	396.6	606,700	79.3	391.3	505,400*	160
	165	74.3	394.9	577,100	78.5	389.5	492,800*	165
	170	73.5	393.1	549,500	77.8	387.7	480,800*	170
	175	72.8	391.2	523,900	77.0	385.8	469,300*	175
	180	72.0	389.2	499,900	76.2	383.8	458,200*	180
	185	71.3	387.1	477,400	75.5	381.7	447,700*	185
	190	70.5	385.0	456,300	74.7	379.5	437,600*	190
	195	69.7	382.8	436,400	73.9	377.3	427,900*	195
	200	69.0	380.5	417,700	73.1	375.0	418,500*	200
	210	67.4	375.7	383,400	71.5	370.1	401,000*	210
	220	65.8	370.5	352,600	69.9	364.8	371,500	220
	230	64.2	365.0	324,800	68.3	359.2	342,400	230
	240	62.6	359.1	299,600	66.6	353.2	316,000	240
	250	60.9	352.8	276,600	64.9	346.8	292,000	250
	260	59.2	346.1	255,600	63.2	340.0	269,900	260
	270	57.5	338.9	236,300	61.5	332.7	249,700	270
	280	55.7	331.3	218,500	59.7	324.9	231,000	280
	290	53.9	323.2	202,000	57.8	316.6	213,600	290
	300	52.0	314.5	186,700	55.9	307.7	197,500	300
	310	50.1	305.2	172,500	53.9	298.2	182,500	310
	320	48.1	295.2	159,200	51.9	288.0	168,400	320
	330	46.1	284.6	146,700	49.8	277.0	155,200	330
	340	43.9	273.1	135,000	47.6	265.2	142,800	340
	350	41.7	260.7	124,000	45.3	252.4	131,100	350
	360	39.3	247.2	113,600	42.8	238.4	120,000	360
	370	36.8	232.5	103,800	40.2	223.1	109,400	370

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

175 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
203	90	85.4	388.6	1,159,300*				90
	95	84.6	387.8	1,091,200*				95
	100	83.9	386.9	1,030,100*				100
	105	83.1	385.9	975,000*				105
	110	82.3	384.8	925,100*				110
	115	81.6	383.7	879,600*				115
	120	80.8	382.5	838,000*	86.1	377.7	578,300*	120
	125	80.0	381.2	799,900*	85.3	376.4	558,400*	125
	130	79.3	379.8	764,700*	84.5	375.0	539,700*	130
	135	78.5	378.4	732,200*	83.7	373.6	522,100*	135
	140	77.7	376.9	702,000*	82.9	372.0	505,500*	140
	145	76.9	375.4	674,000*	82.1	370.5	489,800*	145
	150	76.1	373.7	647,800*	81.3	368.8	474,900*	150
	155	75.3	372.0	623,400*	80.5	367.0	460,800*	155
	160	74.5	370.2	600,600*	79.7	365.2	447,400*	160
	165	73.7	368.3	579,100*	78.9	363.3	434,700*	165
	170	72.9	366.4	558,900*	78.1	361.3	422,600*	170
	175	72.1	364.3	539,900*	77.3	359.3	411,100*	175
	180	71.3	362.2	519,100	76.4	357.1	400,100*	180
	185	70.5	360.0	496,700	75.6	354.9	389,700*	185
	190	69.7	357.7	475,700	74.8	352.5	379,600*	190
	195	68.8	355.3	455,900	73.9	350.1	370,100*	195
	200	68.0	352.8	437,300	73.1	347.6	360,900*	200
	210	66.3	347.6	403,000	71.3	342.3	343,700*	210
	220	64.6	342.0	372,300	69.6	336.6	327,900*	220
	230	62.8	336.0	344,600	67.8	330.5	313,300*	230
	240	61.1	329.6	319,500	66.0	323.9	299,700*	240
	250	59.2	322.7	296,600	64.2	316.9	287,200*	250
	260	57.4	315.3	275,600	62.3	309.4	275,100*	260
	270	55.5	307.4	256,400	60.3	301.3	263,600*	270
	280	53.5	298.9	238,600	58.3	292.7	250,300	280
	290	51.5	289.8	222,200	56.2	283.4	233,100	290
	300	49.4	280.1	206,900	54.1	273.4	217,000	300
	310	47.2	269.6	192,700	51.8	262.6	202,000	310
	320	44.9	258.2	179,400	49.5	250.9	188,000	320
	330	42.5	245.8	166,900	47.1	238.2	174,800	330
	340	40.0	232.4	153,200*	44.4	224.2	162,400	340
	350	37.3	217.5	135,500*	41.7	208.7	150,600	350
	360	34.5	201.0	118,200*	38.6	191.4	133,500*	360
	370	31.3	182.3	100,900*	35.2	171.6	115,100*	370

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

175 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 8	90	85.7	413.9	1,237,500*				90
	95	85.0	413.1	1,167,200*				95
	100	84.3	412.2	1,104,100*				100
	105	83.5	411.3	1,046,900*				105
	110	82.8	410.3	995,000*				110
	115	82.1	409.2	947,600*				115
	120	81.4	408.1	904,100*				120
	125	80.7	406.9	864,100*	85.6	401.8	569,600*	125
	130	79.9	405.6	827,200*	84.8	400.5	551,500*	130
	135	79.2	404.3	793,100*	84.1	399.2	534,300*	135
	140	78.5	402.9	761,300*	83.4	397.8	518,100*	140
	145	77.7	401.5	721,200	82.6	396.3	502,700*	145
	150	77.0	399.9	683,800	81.9	394.7	488,100*	150
	155	76.3	398.3	649,300	81.1	393.1	474,300*	155
	160	75.5	396.6	617,500	80.4	391.4	461,100*	160
	165	74.8	394.9	587,900	79.6	389.6	448,500*	165
	170	74.0	393.1	560,400	78.9	387.8	436,600*	170
	175	73.3	391.2	534,800	78.1	385.9	425,200*	175
	180	72.5	389.2	510,800	77.3	383.9	414,300*	180
	185	71.8	387.1	488,400	76.6	381.8	403,900*	185
	190	71.0	385.0	467,300	75.8	379.6	393,900*	190
	195	70.2	382.8	447,500	75.0	377.4	384,400*	195
	200	69.5	380.5	428,800	74.2	375.0	375,200*	200
	210	67.9	375.7	394,500	72.6	370.2	358,000*	210
	220	66.3	370.5	363,700	71.0	364.9	342,100*	220
	230	64.7	365.0	335,900	69.4	359.3	327,400*	230
	240	63.1	359.1	310,800	67.7	353.3	313,800*	240
	250	61.4	352.8	287,800	66.0	346.9	301,100*	250
	260	59.7	346.1	266,800	64.3	340.0	281,900	260
	270	58.0	338.9	247,600	62.5	332.8	261,700	270
	280	56.2	331.3	229,800	60.7	325.0	243,000	280
	290	54.4	323.2	213,300	58.9	316.7	225,700	290
	300	52.5	314.5	198,100	57.0	307.8	209,600	300
	310	50.6	305.2	183,800	55.0	298.3	194,600	310
	320	48.6	295.3	170,600	53.0	288.1	180,600	320
	330	46.6	284.6	158,100	50.9	277.2	167,500	330
	340	44.4	273.1	146,400	48.7	265.3	155,100	340
	350	42.2	260.7	135,400	46.4	252.5	143,400	350
	360	39.8	247.2	125,100	43.9	238.6	132,300	360
	370	37.3	232.5	111,700*	41.3	223.2	121,800	370
	380				38.5	206.2	110,300*	380

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

175 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	90	85.9	439.1	1,279,200*				90
	95	85.3	438.3	1,227,700*				95
	100	84.6	437.5	1,163,600*				100
	105	83.9	436.6	1,105,400*				105
	110	83.3	435.7	1,052,400*				110
	115	82.6	434.7	1,003,900*				115
	120	81.9	433.6	959,300*				120
	125	81.2	432.5	901,500	85.8	427.2	578,000*	125
	130	80.5	431.3	847,500	85.2	426.0	560,400*	130
	135	79.9	430.1	798,500	84.5	424.7	543,800*	135
	140	79.2	428.8	753,800	83.8	423.4	528,000*	140
	145	78.5	427.4	713,000	83.1	422.0	513,000*	145
	150	77.8	426.0	675,500	82.4	420.5	498,800*	150
	155	77.1	424.5	640,900	81.7	419.0	485,300*	155
	160	76.4	422.9	608,900	81.0	417.4	472,400*	160
	165	75.7	421.3	579,200	80.3	415.8	460,100*	165
	170	75.0	419.6	551,600	79.6	414.0	448,300*	170
	175	74.3	417.8	525,900	78.8	412.2	437,100*	175
	180	73.6	415.9	501,800	78.1	410.4	426,300*	180
	185	72.9	414.0	479,300	77.4	408.4	416,100*	185
	190	72.2	412.0	458,200	76.7	406.4	406,200*	190
	195	71.5	410.0	438,300	76.0	404.3	396,700*	195
	200	70.7	407.9	419,500	75.2	402.2	387,600*	200
	210	69.3	403.4	385,100	73.7	397.6	370,500*	210
	220	67.8	398.6	354,200	72.3	392.7	354,700*	220
	230	66.3	393.4	326,400	70.7	387.5	340,000*	230
	240	64.8	388.0	301,100	69.2	382.0	320,200	240
	250	63.3	382.2	278,100	67.6	376.1	296,000	250
	260	61.7	376.0	257,100	66.1	369.8	273,900	260
	270	60.1	369.5	237,700	64.4	363.1	253,600	270
	280	58.5	362.5	219,900	62.8	356.1	234,800	280
	290	56.9	355.1	203,400	61.1	348.5	217,400	290
	300	55.2	347.2	188,100	59.4	340.5	201,300	300
	310	53.5	338.9	173,900	57.6	332.0	186,200	310
	320	51.7	330.0	160,600	55.8	322.9	172,100	320
	330	49.9	320.5	148,100	54.0	313.2	158,900	330
	340	48.0	310.4	136,500	52.0	302.9	146,500	340
	350	46.0	299.6	125,500	50.0	291.8	134,900	350
	360	44.0	288.1	115,100	47.9	279.9	123,800	360
	370	41.9	275.6	105,300	45.7	267.0	113,300	370
	380				43.4	253.0	103,400	380

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

200 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200 3	95	85.5	413.1	1,004,200*				95
	100	84.8	412.2	947,400*				100
	105	84.1	411.3	896,200*				105
	110	83.4	410.3	849,700*				110
	115	82.6	409.2	807,400*				115
	120	81.9	408.1	768,700*				120
	125	81.2	406.9	733,200*				125
	130	80.5	405.7	700,400*				130
	135	79.8	404.3	670,100*	85.4	399.1	486,600*	135
	140	79.0	402.9	642,100*	84.7	397.7	470,500*	140
	145	78.3	401.5	616,000*	84.0	396.2	455,300*	145
	150	77.6	399.9	591,600*	83.2	394.6	440,900*	150
	155	76.8	398.3	568,900*	82.5	393.0	427,300*	155
	160	76.1	396.7	547,600*	81.7	391.3	414,300*	160
	165	75.3	394.9	527,600*	80.9	389.5	402,000*	165
	170	74.6	393.1	508,800*	80.2	387.7	390,300*	170
	175	73.8	391.2	491,100*	79.4	385.8	379,100*	175
	180	73.1	389.2	474,400*	78.7	383.8	368,400*	180
	185	72.3	387.2	458,600*	77.9	381.7	358,200*	185
	190	71.5	385.0	443,700*	77.1	379.5	348,500*	190
	195	70.8	382.8	429,500*	76.3	377.3	339,200*	195
	200	70.0	380.5	416,000*	75.5	374.9	330,200*	200
	210	68.4	375.7	391,000*	74.0	370.0	313,400*	210
	220	66.9	370.5	368,300*	72.3	364.8	298,000*	220
	230	65.2	365.0	346,700	70.7	359.2	283,600*	230
	240	63.6	359.1	321,600	69.1	353.2	270,400*	240
	250	61.9	352.8	298,600	67.4	346.8	258,000*	250
	260	60.3	346.1	277,600	65.6	339.9	246,500*	260
	270	58.5	339.0	258,400	63.9	332.6	235,700*	270
	280	56.8	331.3	240,600	62.1	324.9	225,700*	280
	290	54.9	323.2	224,100	60.2	316.5	216,200*	290
	300	53.1	314.5	208,900	58.3	307.7	207,300*	300
	310	51.2	305.2	194,700	56.3	298.2	199,000*	310
	320	49.2	295.3	181,400	54.3	288.0	191,100*	320
	330	47.1	284.6	168,900	52.2	277.0	178,100	330
	340	45.0	273.2	157,300	50.0	265.2	165,800	340
	350	42.7	260.7	146,300	47.7	252.4	154,100	350
	360	40.4	247.3	130,900*	45.2	238.4	143,000	360
	370	37.9	232.5	115,300*	42.6	223.0	131,300*	370
	380				39.8	206.0	115,100*	380

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

200 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 8	95	85.8	438.3	1,070,100*				95
	100	85.1	437.5	1,011,600*				100
	105	84.4	436.6	958,700*				105
	110	83.8	435.7	910,600*				110
	115	83.1	434.7	866,700*				115
	120	82.4	433.6	826,400*				120
	125	81.7	432.5	789,400*				125
	130	81.0	431.3	755,200*				130
	135	80.4	430.1	723,500*	85.7	424.5	498,300*	135
	140	79.7	428.8	694,100*	85.0	423.2	482,700*	140
	145	79.0	427.4	666,700*	84.3	421.8	468,000*	145
	150	78.3	426.0	641,200*	83.6	420.3	454,000*	150
	155	77.6	424.5	617,300*	82.9	418.8	440,700*	155
	160	76.9	422.9	594,800*	82.2	417.2	428,000*	160
	165	76.2	421.3	573,800*	81.5	415.6	416,000*	165
	170	75.5	419.6	554,000*	80.8	413.8	404,500*	170
	175	74.8	417.8	535,300*	80.1	412.0	393,600*	175
	180	74.1	415.9	513,600	79.4	410.2	383,100*	180
	185	73.4	414.0	491,000	78.6	408.2	373,100*	185
	190	72.7	412.0	469,900	77.9	406.2	363,500*	190
	195	72.0	410.0	450,000	77.2	404.1	354,400*	195
	200	71.2	407.9	431,300	76.5	402.0	345,600*	200
	210	69.8	403.4	396,900	75.0	397.4	329,100*	210
	220	68.3	398.6	366,100	73.5	392.5	313,800*	220
	230	66.8	393.4	338,200	72.0	387.3	299,700*	230
	240	65.3	388.0	313,000	70.4	381.8	286,500*	240
	250	63.8	382.2	290,000	68.9	375.9	274,300*	250
	260	62.2	376.0	269,000	67.3	369.6	262,900*	260
	270	60.6	369.5	249,700	65.7	362.9	252,300*	270
	280	59.0	362.5	231,900	64.0	355.8	242,400*	280
	290	57.4	355.1	215,400	62.4	348.3	229,200	290
	300	55.7	347.2	200,100	60.6	340.3	213,100	300
	310	54.0	338.9	185,900	58.9	331.7	198,000	310
	320	52.2	330.0	172,600	57.1	322.6	184,000	320
	330	50.4	320.5	160,200	55.2	312.9	170,800	330
	340	48.5	310.4	148,500	53.2	302.6	158,500	340
	350	46.5	299.6	137,500	51.2	291.5	146,800	350
	360	44.5	288.1	127,200	49.2	279.6	135,800	360
	370	42.4	275.6	117,400	47.0	266.7	125,300	370
	380	40.2	262.1	106,900*	44.7	252.7	115,400	380
	390				42.2	237.4	105,900	390

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

200 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	95	86.0	463.5	1,107,300*				95
	100	85.4	462.8	1,062,500*				100
	105	84.7	461.9	1,008,800*				105
	110	84.1	461.1	959,900*				110
	115	83.5	460.1	915,200*				115
	120	82.8	459.1	874,000*				120
	125	82.2	458.1	836,100*				125
	130	81.5	456.9	801,000*				130
	135	80.9	455.8	768,500*	86.0	449.9	505,300*	135
	140	80.3	454.5	738,200*	85.3	448.7	490,300*	140
	145	79.6	453.2	710,000*	84.6	447.4	475,900*	145
	150	79.0	451.9	679,100	84.0	446.0	462,300*	150
	155	78.3	450.5	644,400	83.3	444.5	449,400*	155
	160	77.7	449.0	612,300	82.7	443.0	437,100*	160
	165	77.0	447.5	582,600	82.0	441.5	425,300*	165
	170	76.3	445.9	554,900	81.3	439.9	414,000*	170
	175	75.7	444.2	529,100	80.7	438.2	403,300*	175
	180	75.0	442.5	505,000	80.0	436.4	393,000*	180
	185	74.3	440.7	482,400	79.3	434.6	383,200*	185
	190	73.7	438.8	461,200	78.6	432.7	373,700*	190
	195	73.0	436.9	441,200	78.0	430.8	364,700*	195
	200	72.3	434.9	422,400	77.3	428.7	356,000*	200
	210	71.0	430.7	387,900	75.9	424.5	339,600*	210
	220	69.6	426.2	356,900	74.5	419.9	324,500*	220
	230	68.2	421.4	329,000	73.1	415.1	310,400*	230
	240	66.8	416.3	303,700	71.7	409.9	297,300*	240
	250	65.4	411.0	280,600	70.2	404.4	285,100*	250
	260	63.9	405.2	259,500	68.7	398.6	273,700*	260
	270	62.5	399.2	240,100	67.2	392.4	257,600	270
	280	61.0	392.7	222,300	65.7	385.9	238,700	280
	290	59.5	385.9	205,700	64.2	379.0	221,300	290
	300	57.9	378.7	190,400	62.6	371.6	205,000	300
	310	56.3	371.1	176,100	61.0	363.9	189,900	310
	320	54.7	363.1	162,800	59.4	355.6	175,800	320
	330	53.1	354.5	150,400	57.7	346.9	162,600	330
	340	51.4	345.4	138,700	55.9	337.6	150,100	340
	350	49.6	335.8	127,700	54.2	327.7	138,400	350
	360	47.9	325.6	117,400	52.3	317.2	127,400	360
	370	46.0	314.7	107,600	50.4	306.0	116,900	370
	380				48.4	294.0	107,000	380

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

225 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
203	100	85.6	437.6	893,900*				100
	105	84.9	436.7	844,300*				105
	110	84.2	435.7	799,400*				110
	115	83.6	434.8	758,600*				115
	120	82.9	433.7	721,200*				120
	125	82.2	432.6	687,000*				125
	130	81.5	431.4	655,500*				130
	135	80.8	430.1	626,300*				135
	140	80.1	428.8	599,300*				140
	145	79.5	427.5	574,200*	85.5	421.9	415,000*	145
	150	78.8	426.0	550,900*	84.8	420.4	401,400*	150
	155	78.1	424.5	529,100*	84.1	418.9	388,600*	155
	160	77.4	423.0	508,600*	83.4	417.3	376,400*	160
	165	76.7	421.3	489,500*	82.7	415.6	364,800*	165
	170	76.0	419.6	471,400*	82.0	413.9	353,700*	170
	175	75.3	417.8	454,500*	81.3	412.1	343,200*	175
	180	74.6	416.0	438,500*	80.6	410.2	333,200*	180
	185	73.9	414.1	423,400*	79.9	408.3	323,600*	185
	190	73.2	412.1	409,000*	79.1	406.3	314,400*	190
	195	72.4	410.0	395,500*	78.4	404.2	305,600*	195
	200	71.7	407.9	382,600*	77.7	402.0	297,200*	200
	210	70.3	403.4	358,700*	76.2	397.5	281,400*	210
	220	68.8	398.6	337,000*	74.7	392.6	266,800*	220
	230	67.3	393.5	317,200*	73.2	387.4	253,300*	230
	240	65.8	388.1	299,100*	71.7	381.8	240,800*	240
	250	64.3	382.2	282,500*	70.1	375.9	229,100*	250
	260	62.7	376.1	267,100*	68.5	369.7	218,200*	260
	270	61.1	369.5	252,900*	66.9	363.0	208,100*	270
	280	59.5	362.6	239,700*	65.3	355.9	198,500*	280
	290	57.8	355.2	223,600	63.6	348.3	189,600*	290
	300	56.2	347.3	208,300	61.9	340.3	181,200*	300
	310	54.4	339.0	194,200	60.1	331.8	173,300*	310
	320	52.7	330.1	180,900	58.3	322.7	165,800*	320
	330	50.8	320.6	168,500	56.4	313.0	158,800*	330
	340	49.0	310.5	156,900	54.5	302.7	152,100*	340
	350	47.0	299.7	145,900	52.5	291.6	145,800*	350
	360	45.0	288.2	135,600	50.4	279.6	139,900*	360
	370	42.9	275.7	121,900*	48.2	266.8	134,200*	370
	380	40.6	262.2	107,600*	45.9	252.8	124,600	380
	390				43.4	237.5	111,400*	390

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

225 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
225	100	85.8	462.8	952,700*				100
	105	85.2	462.0	901,500*				105
	110	84.5	461.1	855,100*				110
	115	83.9	460.1	812,800*				115
	120	83.3	459.2	774,000*				120
	125	82.6	458.1	738,400*				125
	130	82.0	457.0	705,500*				130
	135	81.3	455.8	675,100*				135
	140	80.7	454.6	646,900*				140
	145	80.1	453.3	620,600*	85.8	447.3	434,400*	145
	150	79.4	451.9	596,100*	85.1	445.9	421,000*	150
	155	78.8	450.5	573,200*	84.5	444.5	408,300*	155
	160	78.1	449.0	551,800*	83.8	443.0	396,300*	160
	165	77.4	447.5	531,600*	83.2	441.4	384,800*	165
	170	76.8	445.9	512,600*	82.5	439.8	373,800*	170
	175	76.1	444.2	494,800*	81.8	438.1	363,300*	175
	180	75.5	442.5	477,900*	81.1	436.4	353,300*	180
	185	74.8	440.7	461,900*	80.5	434.6	343,800*	185
	190	74.1	438.8	446,800*	79.8	432.7	334,600*	190
	195	73.5	436.9	432,500*	79.1	430.7	325,900*	195
	200	72.8	434.9	418,800*	78.4	428.7	317,400*	200
	210	71.4	430.7	393,500*	77.0	424.4	301,600*	210
	220	70.0	426.2	365,600	75.6	419.9	287,000*	220
	230	68.7	421.5	337,800	74.2	415.0	273,500*	230
	240	67.2	416.4	312,600	72.8	409.9	260,900*	240
	250	65.8	411.0	289,600	71.4	404.4	249,200*	250
	260	64.4	405.3	268,500	69.9	398.6	238,100*	260
	270	62.9	399.2	249,200	68.4	392.4	227,600*	270
	280	61.4	392.8	231,400	66.9	385.8	217,700*	280
	290	59.9	386.0	215,000	65.3	378.9	208,500*	290
	300	58.4	378.8	199,700	63.8	371.6	199,800*	300
	310	56.8	371.2	185,500	62.2	363.8	191,600*	310
	320	55.2	363.1	172,200	60.5	355.6	183,800*	320
	330	53.5	354.6	159,800	58.8	346.8	172,800	330
	340	51.8	345.5	148,100	57.1	337.6	160,400	340
	350	50.1	335.9	137,200	55.3	327.7	148,800	350
	360	48.3	325.6	126,900	53.5	317.2	137,700	360
	370	46.4	314.7	117,200	51.6	305.9	127,300	370
	380	44.5	303.1	107,900	49.6	293.9	117,400	380
	390				47.5	281.0	108,000	390

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

225 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 5 3	100	86.0	488.0	969,800*				100
	105	85.4	487.2	947,000*				105
	110	84.8	486.4	899,900*				110
	115	84.2	485.5	856,800*				115
	120	83.6	484.6	817,300*				120
	125	83.0	483.6	780,800*				125
	130	82.4	482.5	747,100*				130
	135	81.8	481.4	715,900*				135
	140	81.2	480.2	686,900*				140
	145	80.6	479.0	659,900*	86.0	472.7	440,300*	145
	150	80.0	477.7	634,600*	85.4	471.4	427,400*	150
	155	79.4	476.4	610,900*	84.8	470.1	415,000*	155
	160	78.7	475.0	588,800*	84.2	468.6	403,300*	160
	165	78.1	473.5	567,900*	83.5	467.2	392,100*	165
	170	77.5	472.0	548,200*	82.9	465.6	381,400*	170
	175	76.9	470.5	529,100	82.3	464.0	371,200*	175
	180	76.2	468.8	504,900	81.6	462.4	361,400*	180
	185	75.6	467.1	482,300	81.0	460.7	352,000*	185
	190	75.0	465.4	461,100	80.4	458.9	343,000*	190
	195	74.4	463.6	441,100	79.7	457.1	334,400*	195
	200	73.7	461.7	422,300	79.1	455.2	326,100*	200
	210	72.4	457.7	387,700	77.8	451.1	310,500*	210
	220	71.2	453.5	356,700	76.5	446.9	296,000*	220
	230	69.9	449.1	328,800	75.1	442.3	282,600*	230
	240	68.5	444.3	303,400	73.8	437.5	270,100*	240
	250	67.2	439.3	280,400	72.5	432.4	258,400*	250
	260	65.9	433.9	259,200	71.1	426.9	247,500*	260
	270	64.5	428.3	239,900	69.7	421.2	237,300*	270
	280	63.1	422.3	222,000	68.3	415.1	227,700*	280
	290	61.7	416.0	205,500	66.9	408.7	218,700*	290
	300	60.3	409.4	190,100	65.4	401.9	207,500	300
	310	58.8	402.3	175,900	63.9	394.8	192,300	310
	320	57.3	394.9	162,600	62.4	387.2	178,200	320
	330	55.8	387.1	150,100	60.9	379.2	164,900	330
	340	54.3	378.8	138,400	59.3	370.8	152,400	340
	350	52.7	370.1	127,500	57.7	361.9	140,700	350
	360	51.1	360.9	117,200	56.0	352.4	129,600	360
	370	49.4	351.1	107,400	54.3	342.4	119,100	370
	380				52.6	331.7	109,200	380

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

250 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 0 3	105	85.6	462.1	798,300*				105
	110	84.9	461.2	755,000*				110
	115	84.3	460.2	715,700*				115
	120	83.7	459.2	679,800*				120
	125	83.0	458.2	646,900*				125
	130	82.4	457.1	616,600*				130
	135	81.7	455.9	588,600*				135
	140	81.1	454.7	562,600*				140
	145	80.4	453.4	538,500*				145
	150	79.8	452.0	516,100*				150
	155	79.1	450.6	495,200*	85.5	444.8	361,400*	155
	160	78.5	449.1	475,600*	84.9	443.3	349,500*	160
	165	77.8	447.6	457,200*	84.2	441.7	338,300*	165
	170	77.2	446.0	439,900*	83.6	440.1	327,600*	170
	175	76.5	444.3	423,600*	82.9	438.4	317,400*	175
	180	75.9	442.6	408,300*	82.2	436.7	307,700*	180
	185	75.2	440.8	393,800*	81.5	434.8	298,400*	185
	190	74.5	438.9	380,100*	80.9	432.9	289,600*	190
	195	73.8	437.0	367,100*	80.2	431.0	281,100*	195
	200	73.2	435.0	354,800*	79.5	429.0	273,000*	200
	210	71.8	430.8	331,900*	78.1	424.7	257,700*	210
	220	70.4	426.3	311,100*	76.7	420.2	243,600*	220
	230	69.0	421.6	292,200*	75.3	415.3	230,600*	230
	240	67.6	416.5	274,800*	73.9	410.2	218,500*	240
	250	66.2	411.1	258,900*	72.4	404.7	207,200*	250
	260	64.8	405.4	244,200*	71.0	398.9	196,700*	260
	270	63.3	399.3	230,600*	69.5	392.7	186,900*	270
	280	61.8	392.9	218,000*	68.0	386.2	177,700*	280
	290	60.3	386.1	206,200*	66.4	379.2	169,100*	290
	300	58.8	378.9	195,300*	64.8	371.9	161,000*	300
	310	57.2	371.3	185,000*	63.2	364.1	153,400*	310
	320	55.6	363.2	175,400*	61.6	355.9	146,200*	320
	330	53.9	354.7	166,300*	59.9	347.2	139,400*	330
	340	52.2	345.6	157,300	58.2	337.9	132,900*	340
	350	50.5	336.0	146,400	56.4	328.1	126,800*	350
	360	48.7	325.8	136,100	54.6	317.6	121,000*	360
	370	46.8	314.9	126,400	52.7	306.3	115,500*	370
	380	44.9	303.2	114,000*	50.7	294.3	110,300*	380
	390	42.9	290.7	100,900*	48.6	281.4	105,400*	390
	400				46.4	267.5	100,700*	400

MANITOWOC ENGINEERING CO.

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ANSI B30.5
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M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

250 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 8	105	85.8	487.3	847,100*				105
	110	85.2	486.5	805,800*				110
	115	84.6	485.6	765,200*				115
	120	84.0	484.6	728,000*				120
	125	83.4	483.6	693,800*				125
	130	82.8	482.6	662,300*				130
	135	82.2	481.5	633,100*				135
	140	81.6	480.3	606,100*				140
	145	81.0	479.1	580,900*				145
	150	80.3	477.8	557,500*				150
	155	79.7	476.5	535,600*	85.8	470.2	381,900*	155
	160	79.1	475.1	515,000*	85.2	468.8	370,100*	160
	165	78.5	473.6	495,700*	84.5	467.4	358,800*	165
	170	77.9	472.1	477,600*	83.9	465.8	348,100*	170
	175	77.2	470.5	460,500*	83.3	464.2	337,800*	175
	180	76.6	468.9	444,400*	82.6	462.6	328,000*	180
	185	76.0	467.2	429,100*	82.0	460.9	318,600*	185
	190	75.4	465.5	414,600*	81.4	459.1	309,600*	190
	195	74.7	463.7	400,900*	80.7	457.2	301,000*	195
	200	74.1	461.8	387,900*	80.1	455.3	292,800*	200
	210	72.8	457.8	363,800*	78.8	451.3	277,200*	210
	220	71.5	453.6	341,800*	77.5	447.1	262,900*	220
	230	70.2	449.1	321,800*	76.2	442.5	249,500*	230
	240	68.9	444.4	303,400*	74.8	437.7	237,100*	240
	250	67.6	439.4	286,500*	73.5	432.6	225,600*	250
	260	66.2	434.0	269,100	72.1	427.1	214,800*	260
	270	64.9	428.4	249,800	70.7	421.4	204,700*	270
	280	63.5	422.4	232,000	69.3	415.3	195,200*	280
	290	62.1	416.1	215,500	67.9	408.9	186,300*	290
	300	60.6	409.5	200,200	66.4	402.2	177,900*	300
	310	59.2	402.4	186,000	64.9	395.0	170,000*	310
	320	57.7	395.0	172,700	63.4	387.4	162,600*	320
	330	56.2	387.2	160,300	61.9	379.5	155,500*	330
	340	54.7	378.9	148,700	60.3	371.0	148,800*	340
	350	53.1	370.2	137,800	58.7	362.1	142,400*	350
	360	51.5	361.0	127,500	57.0	352.7	136,400*	360
	370	49.8	351.2	117,700	55.3	342.6	129,000	370
	380	48.1	340.8	108,600	53.6	332.0	119,100	380
	390				51.8	320.6	109,800	390
	400				49.9	308.5	100,800	400

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,017,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

250 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	8 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
250	105	86.0	512.5	849,500*				105
	110	85.4	511.7	838,200*				110
	115	84.9	510.9	804,900*				115
	120	84.3	510.0	767,100*				120
	125	83.7	509.0	732,200*				125
	130	83.1	508.0	700,000*				130
	135	82.6	507.0	670,100*				135
	140	82.0	505.9	642,400*				140
	145	81.4	504.7	616,500*				145
	150	80.8	503.5	592,400*				150
	155	80.2	502.2	569,800*	86.0	495.7	392,300*	155
	160	79.7	500.9	548,600*	85.4	494.3	380,800*	160
	165	79.1	499.5	528,700*	84.8	492.9	369,800*	165
	170	78.5	498.1	509,900*	84.2	491.5	359,300*	170
	175	77.9	496.6	492,200*	83.6	490.0	349,300*	175
	180	77.3	495.1	475,500*	83.0	488.4	339,700*	180
	185	76.7	493.5	459,700*	82.4	486.8	330,500*	185
	190	76.1	491.8	444,700*	81.8	485.1	321,700*	190
	195	75.5	490.1	430,400*	81.2	483.4	313,200*	195
	200	74.9	488.3	416,900*	80.6	481.6	305,100*	200
	210	73.7	484.6	388,700	79.4	477.8	289,800*	210
	220	72.5	480.7	357,700	78.2	473.8	275,700*	220
	230	71.3	476.4	329,700	76.9	469.5	262,500*	230
	240	70.0	472.0	304,300	75.6	464.9	250,300*	240
	250	68.8	467.2	281,200	74.4	460.1	238,900*	250
	260	67.5	462.2	260,100	73.1	455.0	228,200*	260
	270	66.2	456.9	240,700	71.8	449.7	218,200*	270
	280	64.9	451.4	222,800	70.5	444.0	208,800*	280
	290	63.6	445.5	206,200	69.1	438.0	200,000*	290
	300	62.3	439.3	190,900	67.8	431.7	191,700*	300
	310	61.0	432.8	176,600	66.4	425.1	183,800*	310
	320	59.6	425.9	163,300	65.0	418.1	176,400*	320
	330	58.2	418.7	150,900	63.6	410.7	166,800	330
	340	56.8	411.1	139,200	62.2	402.9	154,300	340
	350	55.3	403.1	128,200	60.7	394.8	142,600	350
	360	53.8	394.6	117,900	59.2	386.1	131,500	360
	370	52.3	385.7	108,200	57.6	377.0	121,000	370
	380				56.0	367.4	111,100	380
	390				54.4	357.2	101,700	390