

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

1,753,600 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 1,753,600 LB. AUXILIARY COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED	
BOOM LGTH.	JIB NO. 75
228'	250'
253'	200'
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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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	
203	75	85.3	315.2	1,721,900*				75
	80	84.3	314.3	1,610,200*				80
	85	83.4	313.4	1,473,900				85
	90	82.4	312.5	1,341,100				90
	95	81.5	311.4	1,227,900	85.1	307.8	797,100*	95
	100	80.5	310.2	1,130,400	84.2	306.6	767,300*	100
	105	79.6	309.0	1,045,400	83.2	305.3	739,500*	105
	110	78.6	307.6	970,700	82.2	304.0	713,500*	110
	115	77.6	306.2	904,500	81.2	302.5	689,100*	115
	120	76.7	304.7	845,500	80.2	301.0	666,300*	120
	125	75.7	303.1	792,500	79.3	299.4	644,900*	125
	130	74.7	301.4	744,700	78.3	297.6	624,700*	130
	135	73.7	299.6	701,300	77.2	295.8	605,700*	135
	140	72.7	297.7	661,700	76.2	293.9	587,700*	140
	145	71.7	295.7	625,500	75.2	291.8	570,700*	145
	150	70.7	293.5	592,200	74.2	289.7	554,500*	150
	155	69.7	291.3	561,600	73.2	287.5	539,300*	155
	160	68.6	289.0	533,200	72.1	285.1	524,700*	160
	165	67.6	286.6	506,900	71.1	282.6	510,900*	165
	170	66.6	284.0	482,400	70.0	280.0	497,500	170
	175	65.5	281.4	459,600	68.9	277.3	473,900	175
	180	64.4	278.6	438,200	67.9	274.5	451,900	180
	185	63.4	275.7	418,200	66.8	271.6	431,300	185
	190	62.3	272.6	399,400	65.6	268.5	411,900	190
	195	61.2	269.5	381,700	64.5	265.3	393,700	195
	200	60.0	266.2	365,100	63.4	261.9	376,500	200
	210	57.8	259.1	334,500	61.1	254.7	344,900	210
	220	55.4	251.5	307,000	58.7	246.9	316,400	220
	230	53.0	243.1	282,100	56.2	238.4	290,700	230
	240	50.5	234.0	259,600	53.6	229.1	267,300	240
	250	47.8	224.0	239,000	50.9	218.9	246,000	250
	260	45.1	213.1	220,100	48.1	207.7	226,300	260
	270	42.1	201.0	202,700	45.1	195.2	208,200	270
	280	39.0	187.4	186,600	41.8	181.2	191,300	280
	290	35.6	172.2	171,600	38.3	165.3	175,600	290
	300	31.8	154.6	157,600	34.3	146.9	160,800	300
	310	27.5	133.8	144,400	29.7	124.6	146,700	310

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

1,753,600 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	1,626,000				80
	85	83.9	338.8	1,467,600				85
	90	83.0	337.9	1,334,500				90
	95	82.1	336.9	1,221,100	85.5	333.1	846,600*	95
	100	81.3	335.8	1,123,300	84.6	332.1	816,800*	100
	105	80.4	334.7	1,038,100	83.7	330.9	788,900*	105
	110	79.5	333.4	963,300	82.8	329.6	762,700*	110
	115	78.6	332.1	896,900	81.9	328.3	738,200*	115
	120	77.7	330.7	837,800	81.0	326.9	715,000*	120
	125	76.8	329.3	784,700	80.1	325.4	693,300*	125
	130	75.9	327.7	736,700	79.2	323.8	672,700*	130
	135	75.0	326.0	693,200	78.3	322.1	653,200*	135
	140	74.1	324.3	653,600	77.3	320.4	634,800*	140
	145	73.1	322.5	617,300	76.4	318.5	617,400*	145
	150	72.2	320.5	584,000	75.5	316.6	600,800*	150
	155	71.3	318.5	553,200	74.5	314.5	572,300	155
	160	70.4	316.4	524,800	73.6	312.4	543,000	160
	165	69.4	314.2	498,500	72.6	310.1	515,800	165
	170	68.5	311.9	473,900	71.7	307.8	490,500	170
	175	67.5	309.5	451,100	70.7	305.3	466,900	175
	180	66.5	306.9	429,700	69.7	302.8	444,800	180
	185	65.6	304.3	409,600	68.7	300.1	424,100	185
	190	64.6	301.6	390,800	67.7	297.3	404,700	190
	195	63.6	298.7	373,100	66.7	294.5	386,400	195
	200	62.6	295.8	356,400	65.7	291.5	369,200	200
	210	60.6	289.5	325,800	63.6	285.1	337,500	210
	220	58.5	282.7	298,300	61.5	278.1	309,000	220
	230	56.3	275.3	273,400	59.3	270.6	283,300	230
	240	54.1	267.3	250,900	57.1	262.5	259,900	240
	250	51.8	258.7	230,300	54.8	253.7	238,500	250
	260	49.5	249.4	211,500	52.4	244.2	219,000	260
	270	47.0	239.2	194,200	49.8	233.8	200,900	270
	280	44.4	228.1	178,100	47.2	222.4	184,200	280
	290	41.7	215.9	163,300	44.4	209.8	168,600	290
	300	38.8	202.4	149,400	41.4	195.9	154,100	300
	310	35.7	187.3	136,500	38.2	180.2	140,500	310
	320	32.3	170.1	124,300	34.6	162.2	127,600	320
	330	28.4	150.1	112,800	30.5	141.1	115,300	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	1,620,000				80
	85	84.3	364.1	1,461,000				85
	90	83.5	363.2	1,327,500				90
	95	82.7	362.3	1,213,700	85.8	358.4	874,700*	95
	100	81.9	361.3	1,115,700	85.0	357.4	846,300*	100
	105	81.1	360.3	1,030,200	84.2	356.4	819,600*	105
	110	80.2	359.1	955,100	83.3	355.2	794,600*	110
	115	79.4	357.9	888,600	82.5	354.0	771,000*	115
	120	78.6	356.6	829,200	81.7	352.7	748,800*	120
	125	77.7	355.3	776,000	80.8	351.3	727,700*	125
	130	76.9	353.8	727,900	80.0	349.8	707,800*	130
	135	76.1	352.3	684,200	79.1	348.3	689,000*	135
	140	75.2	350.7	644,500	78.3	346.6	668,800	140
	145	74.4	349.0	608,100	77.4	344.9	631,200	145
	150	73.5	347.2	574,700	76.6	343.1	596,600	150
	155	72.7	345.3	543,900	75.7	341.3	564,800	155
	160	71.8	343.4	515,400	74.8	339.3	535,300	160
	165	70.9	341.4	488,900	74.0	337.2	508,000	165
	170	70.1	339.3	464,300	73.1	335.1	482,600	170
	175	69.2	337.0	441,400	72.2	332.8	458,900	175
	180	68.3	334.7	420,000	71.3	330.5	436,700	180
	185	67.4	332.3	399,900	70.4	328.1	415,900	185
	190	66.5	329.8	381,000	69.5	325.6	396,400	190
	195	65.6	327.3	363,300	68.6	322.9	378,000	195
	200	64.7	324.6	346,600	67.6	320.2	360,700	200
	210	62.9	318.9	315,800	65.8	314.4	328,900	210
	220	61.0	312.7	288,300	63.9	308.2	300,300	220
	230	59.1	306.1	263,400	61.9	301.5	274,500	230
	240	57.1	299.0	240,800	59.9	294.2	251,100	240
	250	55.1	291.4	220,200	57.8	286.5	229,700	250
	260	53.0	283.1	201,400	55.7	278.1	210,100	260
	270	50.9	274.3	184,100	53.5	269.0	192,000	270
	280	48.6	264.7	168,100	51.3	259.3	175,300	280
	290	46.3	254.3	153,200	48.9	248.7	159,800	290
	300	43.9	243.1	139,500	46.4	237.1	145,400	300
	310	41.4	230.8	126,600	43.8	224.5	131,900	310
	320	38.7	217.3	114,500	41.0	210.6	119,200	320
	330	35.8	202.3	103,200	38.1	195.1	107,200	330

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		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	1,478,100				85
	90	83.5	338.0	1,345,100				90
	95	82.6	337.0	1,231,800				95
	100	81.7	335.9	1,134,100				100
	105	80.8	334.8	1,049,000	85.2	330.6	706,400*	105
	110	80.0	333.5	974,200	84.3	329.3	680,800*	110
	115	79.1	332.2	907,900	83.4	328.0	656,900*	115
	120	78.2	330.8	848,800	82.5	326.6	634,500*	120
	125	77.3	329.3	795,700	81.6	325.1	613,400*	125
	130	76.4	327.8	747,800	80.7	323.5	593,500*	130
	135	75.5	326.1	704,400	79.8	321.8	574,800*	135
	140	74.6	324.4	664,700	78.9	320.0	557,200*	140
	145	73.6	322.5	628,500	77.9	318.2	540,500*	145
	150	72.7	320.6	595,200	77.0	316.2	524,600*	150
	155	71.8	318.6	564,500	76.0	314.2	509,600*	155
	160	70.8	316.5	536,100	75.1	312.0	495,400*	160
	165	69.9	314.3	509,700	74.1	309.8	481,800*	165
	170	69.0	311.9	485,200	73.2	307.4	468,900*	170
	175	68.0	309.5	462,400	72.2	305.0	456,600*	175
	180	67.0	307.0	441,000	71.2	302.4	444,900*	180
	185	66.1	304.4	421,000	70.2	299.8	433,700*	185
	190	65.1	301.7	402,200	69.2	297.0	418,700	190
	195	64.1	298.8	384,500	68.2	294.1	400,400	195
	200	63.1	295.8	367,900	67.2	291.1	383,100	200
	210	61.0	289.6	337,200	65.1	284.7	351,300	210
	220	59.0	282.8	309,700	63.0	277.7	322,700	220
	230	56.8	275.4	284,900	60.8	270.2	296,900	230
	240	54.6	267.4	262,400	58.6	262.1	273,400	240
	250	52.3	258.8	241,900	56.3	253.3	252,000	250
	260	50.0	249.5	223,000	53.8	243.7	232,300	260
	270	47.5	239.3	205,700	51.3	233.3	214,200	270
	280	44.9	228.2	189,700	48.7	221.9	197,400	280
	290	42.2	216.0	174,900	45.9	209.3	181,800	290
	300	39.3	202.5	161,100	42.9	195.3	167,200	300
	310	36.2	187.4	148,100	39.6	179.6	153,400	310
	320	32.8	170.3	136,000	36.0	161.5	140,500	320
	330	28.9	150.3	124,500	31.9	140.2	128,100	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	1,472,100				85
	90	84.0	363.3	1,338,700				90
	95	83.1	362.4	1,225,100				95
	100	82.3	361.4	1,127,200				100
	105	81.5	360.3	1,041,800	85.6	355.9	743,200*	105
	110	80.7	359.2	966,800	84.7	354.8	718,400*	110
	115	79.9	358.0	900,400	83.9	353.6	695,100*	115
	120	79.0	356.7	841,100	83.1	352.3	673,200*	120
	125	78.2	355.3	787,900	82.2	350.9	652,600*	125
	130	77.4	353.9	739,900	81.4	349.4	633,200*	130
	135	76.5	352.3	696,400	80.5	347.8	614,800*	135
	140	75.7	350.7	656,600	79.7	346.2	597,400*	140
	145	74.8	349.0	620,300	78.8	344.5	580,900*	145
	150	74.0	347.3	586,900	78.0	342.7	565,300*	150
	155	73.1	345.4	556,200	77.1	340.8	550,500*	155
	160	72.3	343.5	527,700	76.2	338.9	536,300*	160
	165	71.4	341.4	501,300	75.3	336.8	522,900*	165
	170	70.5	339.3	476,800	74.5	334.6	498,200	170
	175	69.7	337.1	453,900	73.6	332.4	474,500	175
	180	68.8	334.8	432,500	72.7	330.1	452,200	180
	185	67.9	332.4	412,400	71.8	327.6	431,400	185
	190	67.0	329.9	393,600	70.9	325.1	411,800	190
	195	66.1	327.3	375,800	69.9	322.5	393,400	195
	200	65.2	324.6	359,200	69.0	319.7	376,000	200
	210	63.3	318.9	328,500	67.1	313.9	344,100	210
	220	61.4	312.8	301,000	65.2	307.7	315,400	220
	230	59.5	306.2	276,100	63.3	301.0	289,500	230
	240	57.6	299.1	253,600	61.3	293.7	266,000	240
	250	55.5	291.4	233,000	59.2	285.9	244,500	250
	260	53.5	283.2	214,200	57.1	277.5	224,900	260
	270	51.3	274.3	196,900	54.9	268.5	206,700	270
	280	49.1	264.8	181,000	52.6	258.7	190,000	280
	290	46.8	254.4	166,200	50.3	248.1	174,400	290
	300	44.4	243.2	152,400	47.8	236.5	159,900	300
	310	41.8	230.9	139,600	45.2	223.8	146,300	310
	320	39.1	217.4	127,500	42.4	209.9	133,600	320
	330	36.3	202.4	116,200	39.4	194.3	121,600	330
	340	33.1	185.6	105,600	36.1	176.7	110,100	340

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

1,753,600 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	1,466,000				85
	90	84.4	388.6	1,332,200				90
	95	83.6	387.8	1,218,200				95
	100	82.8	386.8	1,119,900				100
	105	82.1	385.8	1,034,300	85.9	381.3	754,400*	105
	110	81.3	384.8	959,100	85.1	380.2	730,600*	110
	115	80.5	383.6	892,400	84.3	379.1	708,100*	115
	120	79.8	382.4	832,900	83.5	377.8	687,000*	120
	125	79.0	381.2	779,500	82.8	376.5	667,000*	125
	130	78.2	379.8	731,400	82.0	375.2	648,100*	130
	135	77.4	378.4	687,600	81.2	373.7	630,200*	135
	140	76.7	376.9	647,800	80.4	372.2	613,200*	140
	145	75.9	375.3	611,300	79.6	370.6	597,000*	145
	150	75.1	373.7	577,900	78.8	369.0	581,700*	150
	155	74.3	372.0	547,000	78.0	367.2	567,000*	155
	160	73.5	370.2	518,400	77.2	365.4	544,200	160
	165	72.7	368.3	492,000	76.4	363.5	516,600	165
	170	71.9	366.3	467,300	75.6	361.5	491,000	170
	175	71.1	364.3	444,400	74.7	359.4	467,000	175
	180	70.3	362.2	422,900	73.9	357.3	444,700	180
	185	69.4	360.0	402,800	73.1	355.1	423,700	185
	190	68.6	357.7	383,900	72.2	352.7	404,000	190
	195	67.8	355.3	366,100	71.4	350.3	385,500	195
	200	66.9	352.8	349,400	70.6	347.8	368,000	200
	210	65.3	347.6	318,600	68.8	342.5	335,900	210
	220	63.5	342.0	291,000	67.1	336.8	307,100	220
	230	61.8	336.0	266,100	65.3	330.7	281,100	230
	240	60.0	329.5	243,600	63.5	324.1	257,500	240
	250	58.2	322.6	223,000	61.7	317.1	235,900	250
	260	56.3	315.2	204,100	59.8	309.6	216,200	260
	270	54.4	307.3	186,800	57.8	301.6	198,000	270
	280	52.4	298.9	170,800	55.8	292.9	181,200	280
	290	50.4	289.8	156,000	53.7	283.6	165,600	290
	300	48.3	280.0	142,300	51.6	273.6	151,100	300
	310	46.2	269.5	129,500	49.4	262.9	137,600	310
	320	43.9	258.1	117,500	47.0	251.2	124,900	320
	330	41.5	245.8	106,300	44.6	238.4	113,000	330
	340				42.0	224.5	101,700	340

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

1,753,600 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	1,054,000				105
	110	81.2	359.2	979,100				110
	115	80.4	358.0	912,600	85.4	353.3	627,600*	115
	120	79.6	356.7	853,400	84.5	352.0	605,600*	120
	125	78.8	355.3	800,200	83.7	350.6	585,000*	125
	130	77.9	353.9	752,200	82.8	349.1	565,600*	130
	135	77.1	352.4	708,600	82.0	347.6	547,300*	135
	140	76.2	350.7	668,900	81.1	346.0	530,100*	140
	145	75.4	349.1	632,600	80.3	344.2	513,700*	145
	150	74.5	347.3	599,300	79.4	342.4	498,300*	150
	155	73.7	345.4	568,500	78.5	340.6	483,600*	155
	160	72.8	343.5	540,000	77.7	338.6	469,700*	160
	165	72.0	341.4	513,700	76.8	336.5	456,400*	165
	170	71.1	339.3	489,100	75.9	334.4	443,800*	170
	175	70.2	337.1	466,200	75.0	332.1	431,800*	175
	180	69.3	334.8	444,800	74.1	329.8	420,300*	180
	185	68.4	332.4	424,800	73.2	327.4	409,400*	185
	190	67.5	329.9	405,900	72.3	324.8	398,900*	190
	195	66.6	327.3	388,200	71.4	322.2	388,900*	195
	200	65.7	324.6	371,500	70.5	319.5	379,300*	200
	210	63.9	318.9	340,900	68.6	313.7	357,300	210
	220	62.0	312.8	313,400	66.7	307.4	328,600	220
	230	60.1	306.2	288,500	64.7	300.7	302,700	230
	240	58.1	299.1	266,000	62.7	293.4	279,100	240
	250	56.1	291.4	245,500	60.6	285.6	257,600	250
	260	54.0	283.2	226,700	58.5	277.2	237,900	260
	270	51.9	274.4	209,400	56.3	268.2	219,700	270
	280	49.7	264.8	193,400	54.1	258.3	202,900	280
	290	47.3	254.4	178,600	51.7	247.7	187,300	290
	300	44.9	243.2	164,900	49.2	236.1	172,800	300
	310	42.4	230.9	152,000	46.6	223.4	159,100	310
	320	39.7	217.4	140,000	43.8	209.4	146,400	320
	330	36.8	202.5	128,700	40.8	193.8	134,300	330
	340	33.7	185.7	118,100	37.5	176.1	122,800	340
	350	30.2	166.4	107,900	33.8	155.6	111,800	350
	360				29.4	130.8	101,200	360

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

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1,753,600 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 2 8	85	85.6	389.4	1,438,000*				85
	90	84.9	388.6	1,344,900				90
	95	84.1	387.8	1,231,000				95
	100	83.4	386.8	1,132,800				100
	105	82.6	385.8	1,047,200				105
	110	81.8	384.8	972,000				110
	115	81.1	383.6	905,400	85.7	378.7	643,100*	115
	120	80.3	382.4	846,000	84.9	377.5	622,300*	120
	125	79.5	381.2	792,700	84.1	376.2	602,600*	125
	130	78.7	379.8	744,500	83.3	374.8	584,100*	130
	135	78.0	378.4	700,900	82.5	373.4	566,600*	135
	140	77.2	376.9	661,100	81.7	371.9	550,100*	140
	145	76.4	375.3	624,600	81.0	370.3	534,400*	145
	150	75.6	373.7	591,200	80.2	368.6	519,500*	150
	155	74.8	372.0	560,300	79.3	366.9	505,400*	155
	160	74.0	370.2	531,800	78.5	365.1	491,900*	160
	165	73.2	368.3	505,400	77.7	363.1	479,100*	165
	170	72.4	366.3	480,800	76.9	361.2	466,900*	170
	175	71.6	364.3	457,800	76.1	359.1	455,200*	175
	180	70.8	362.2	436,400	75.3	356.9	444,100*	180
	185	70.0	360.0	416,300	74.4	354.7	433,400*	185
	190	69.1	357.7	397,400	73.6	352.4	418,600	190
	195	68.3	355.3	379,600	72.7	349.9	400,100	195
	200	67.5	352.8	362,900	71.9	347.4	382,600	200
	210	65.8	347.6	332,200	70.2	342.1	350,500	210
	220	64.1	342.0	304,600	68.4	336.4	321,600	220
	230	62.3	336.0	279,800	66.7	330.3	295,500	230
	240	60.5	329.5	257,200	64.8	323.7	271,900	240
	250	58.7	322.6	236,600	63.0	316.7	250,300	250
	260	56.8	315.2	217,800	61.1	309.2	230,500	260
	270	54.9	307.3	200,500	59.1	301.1	212,300	270
	280	53.0	298.9	184,600	57.1	292.5	195,500	280
	290	50.9	289.8	169,800	55.1	283.2	179,900	290
	300	48.8	280.0	156,100	52.9	273.2	165,400	300
	310	46.7	269.5	143,300	50.7	262.4	151,800	310
	320	44.4	258.1	131,300	48.3	250.7	139,100	320
	330	42.0	245.8	120,100	45.9	237.9	127,100	330
	340	39.5	232.3	109,500	43.3	223.9	115,800	340
	350				40.5	208.4	105,100	350

MANITOWOC ENGINEERING CO.

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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	1,339,000				90
	95	84.5	413.1	1,224,600				95
	100	83.8	412.2	1,126,100				100
	105	83.1	411.3	1,040,200				105
	110	82.3	410.3	964,700				110
	115	81.6	409.2	897,900	86.0	404.1	652,400*	115
	120	80.9	408.1	838,200	85.2	402.9	632,300*	120
	125	80.2	406.9	784,700	84.5	401.7	613,400*	125
	130	79.4	405.6	736,400	83.8	400.4	595,500*	130
	135	78.7	404.3	692,500	83.0	399.1	578,500*	135
	140	78.0	402.9	652,600	82.3	397.7	562,400*	140
	145	77.3	401.4	616,000	81.5	396.2	547,100*	145
	150	76.5	399.9	582,500	80.8	394.6	532,500*	150
	155	75.8	398.3	551,500	80.0	393.0	518,600*	155
	160	75.0	396.6	522,900	79.3	391.3	505,400*	160
	165	74.3	394.9	496,300	78.5	389.5	492,800*	165
	170	73.5	393.1	471,600	77.8	387.7	480,800*	170
	175	72.8	391.2	448,600	77.0	385.8	469,300*	175
	180	72.0	389.2	427,100	76.2	383.8	452,500	180
	185	71.3	387.1	406,900	75.5	381.7	431,300	185
	190	70.5	385.0	388,000	74.7	379.5	411,500	190
	195	69.7	382.8	370,200	73.9	377.3	392,800	195
	200	69.0	380.5	353,400	73.1	375.0	375,200	200
	210	67.4	375.7	322,600	71.5	370.1	342,800	210
	220	65.8	370.5	294,900	69.9	364.8	313,800	220
	230	64.2	365.0	270,000	68.3	359.2	287,600	230
	240	62.6	359.1	247,300	66.6	353.2	263,800	240
	250	60.9	352.8	226,700	64.9	346.8	242,100	250
	260	59.2	346.1	207,900	63.2	340.0	222,200	260
	270	57.5	338.9	190,500	61.5	332.7	203,900	270
	280	55.7	331.3	174,500	59.7	324.9	187,000	280
	290	53.9	323.2	159,700	57.8	316.6	171,300	290
	300	52.0	314.5	146,000	55.9	307.7	156,800	300
	310	50.1	305.2	133,200	53.9	298.2	143,200	310
	320	48.1	295.2	121,200	51.9	288.0	130,500	320
	330	46.1	284.6	110,000	49.8	277.0	118,600	330
	340				47.6	265.2	107,300	340

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JIB NO. 75 WITH 82'6" STRUT ON

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MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

1,753,600 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	754,300	84.5	375.0	539,700*	130
	135	78.5	378.4	710,600	83.7	373.6	522,100*	135
	140	77.7	376.9	670,900	82.9	372.0	505,500*	140
	145	76.9	375.4	634,500	82.1	370.5	489,800*	145
	150	76.1	373.7	601,000	81.3	368.8	474,900*	150
	155	75.3	372.0	570,200	80.5	367.0	460,800*	155
	160	74.5	370.2	541,700	79.7	365.2	447,400*	160
	165	73.7	368.3	515,300	78.9	363.3	434,700*	165
	170	72.9	366.4	490,700	78.1	361.3	422,600*	170
	175	72.1	364.3	467,700	77.3	359.3	411,100*	175
	180	71.3	362.2	446,300	76.4	357.1	400,100*	180
	185	70.5	360.0	426,200	75.6	354.9	389,700*	185
	190	69.7	357.7	407,400	74.8	352.5	379,600*	190
	195	68.8	355.3	389,600	73.9	350.1	370,100*	195
	200	68.0	352.8	372,900	73.1	347.6	360,900*	200
	210	66.3	347.6	342,200	71.3	342.3	343,700*	210
	220	64.6	342.0	314,600	69.6	336.6	327,900*	220
	230	62.8	336.0	289,800	67.8	330.5	306,300	230
	240	61.1	329.6	267,200	66.0	323.9	282,700	240
	250	59.2	322.7	246,700	64.2	316.9	261,100	250
	260	57.4	315.3	227,900	62.3	309.4	241,300	260
	270	55.5	307.4	210,600	60.3	301.3	223,200	270
	280	53.5	298.9	194,600	58.3	292.7	206,400	280
	290	51.5	289.8	179,900	56.2	283.4	190,800	290
	300	49.4	280.1	166,200	54.1	273.4	176,300	300
	310	47.2	269.6	153,400	51.8	262.6	162,700	310
	320	44.9	258.2	141,400	49.5	250.9	150,000	320
	330	42.5	245.8	130,200	47.1	238.2	138,100	330
	340	40.0	232.4	119,700	44.4	224.2	126,800	340
	350	37.3	217.5	109,700	41.7	208.7	116,200	350
	360	34.5	201.0	100,300	38.6	191.4	106,000	360

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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	
228	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	975,000				110
	115	82.1	409.2	908,200				115
	120	81.4	408.1	848,600				120
	125	80.7	406.9	795,200	85.6	401.8	569,600*	125
	130	79.9	405.6	746,900	84.8	400.5	551,500*	130
	135	79.2	404.3	703,100	84.1	399.2	534,300*	135
	140	78.5	402.9	663,200	83.4	397.8	518,100*	140
	145	77.7	401.5	626,700	82.6	396.3	502,700*	145
	150	77.0	399.9	593,200	81.9	394.7	488,100*	150
	155	76.3	398.3	562,300	81.1	393.1	474,300*	155
	160	75.5	396.6	533,700	80.4	391.4	461,100*	160
	165	74.8	394.9	507,200	79.6	389.6	448,500*	165
	170	74.0	393.1	482,500	78.9	387.8	436,600*	170
	175	73.3	391.2	459,500	78.1	385.9	425,200*	175
	180	72.5	389.2	438,000	77.3	383.9	414,300*	180
	185	71.8	387.1	417,900	76.6	381.8	403,900*	185
	190	71.0	385.0	399,000	75.8	379.6	393,900*	190
	195	70.2	382.8	381,200	75.0	377.4	384,400*	195
	200	69.5	380.5	364,400	74.2	375.0	375,200*	200
	210	67.9	375.7	333,600	72.6	370.2	354,600	210
	220	66.3	370.5	306,000	71.0	364.9	325,600	220
	230	64.7	365.0	281,100	69.4	359.3	299,400	230
	240	63.1	359.1	258,500	67.7	353.3	275,700	240
	250	61.4	352.8	237,900	66.0	346.9	254,000	250
	260	59.7	346.1	219,100	64.3	340.0	234,200	260
	270	58.0	338.9	201,800	62.5	332.8	215,900	270
	280	56.2	331.3	185,800	60.7	325.0	199,000	280
	290	54.4	323.2	171,000	58.9	316.7	183,400	290
	300	52.5	314.5	157,300	57.0	307.8	168,900	300
	310	50.6	305.2	144,500	55.0	298.3	155,300	310
	320	48.6	295.3	132,600	53.0	288.1	142,700	320
	330	46.6	284.6	121,400	50.9	277.2	130,800	330
	340	44.4	273.1	110,900	48.7	265.3	119,500	340
	350	42.2	260.7	101,000	46.4	252.5	108,900	350

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

1,753,600 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	1,130,000				100
	105	83.9	436.6	1,043,900				105
	110	83.3	435.7	968,200				110
	115	82.6	434.7	901,100				115
	120	81.9	433.6	841,300				120
	125	81.2	432.5	787,600	85.8	427.2	578,000*	125
	130	80.5	431.3	739,200	85.2	426.0	560,400*	130
	135	79.9	430.1	695,200	84.5	424.7	543,800*	135
	140	79.2	428.8	655,200	83.8	423.4	528,000*	140
	145	78.5	427.4	618,500	83.1	422.0	513,000*	145
	150	77.8	426.0	584,800	82.4	420.5	498,800*	150
	155	77.1	424.5	553,800	81.7	419.0	485,300*	155
	160	76.4	422.9	525,100	81.0	417.4	472,400*	160
	165	75.7	421.3	498,500	80.3	415.8	460,100*	165
	170	75.0	419.6	473,700	79.6	414.0	448,300*	170
	175	74.3	417.8	450,600	78.8	412.2	437,100*	175
	180	73.6	415.9	429,000	78.1	410.4	426,300*	180
	185	72.9	414.0	408,800	77.4	408.4	416,100*	185
	190	72.2	412.0	389,800	76.7	406.4	406,200*	190
	195	71.5	410.0	372,000	76.0	404.3	396,700*	195
	200	70.7	407.9	355,200	75.2	402.2	379,900	200
	210	69.3	403.4	324,300	73.7	397.6	347,400	210
	220	67.8	398.6	296,500	72.3	392.7	318,200	220
	230	66.3	393.4	271,500	70.7	387.5	291,800	230
	240	64.8	388.0	248,900	69.2	382.0	267,900	240
	250	63.3	382.2	228,200	67.6	376.1	246,100	250
	260	61.7	376.0	209,300	66.1	369.8	226,100	260
	270	60.1	369.5	192,000	64.4	363.1	207,800	270
	280	58.5	362.5	176,000	62.8	356.1	190,800	280
	290	56.9	355.1	161,100	61.1	348.5	175,100	290
	300	55.2	347.2	147,400	59.4	340.5	160,500	300
	310	53.5	338.9	134,600	57.6	332.0	146,900	310
	320	51.7	330.0	122,600	55.8	322.9	134,200	320
	330	49.9	320.5	111,400	54.0	313.2	122,200	330
	340	48.0	310.4	100,900	52.0	302.9	111,000	340
	350				50.0	291.8	100,400	350

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

1,753,600 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	544,400	81.7	391.3	414,300*	160
	165	75.3	394.9	517,900	80.9	389.5	402,000*	165
	170	74.6	393.1	493,300	80.2	387.7	390,300*	170
	175	73.8	391.2	470,300	79.4	385.8	379,100*	175
	180	73.1	389.2	448,800	78.7	383.8	368,400*	180
	185	72.3	387.2	428,600	77.9	381.7	358,200*	185
	190	71.5	385.0	409,700	77.1	379.5	348,500*	190
	195	70.8	382.8	391,900	76.3	377.3	339,200*	195
	200	70.0	380.5	375,200	75.5	374.9	330,200*	200
	210	68.4	375.7	344,400	74.0	370.0	313,400*	210
	220	66.9	370.5	316,800	72.3	364.8	298,000*	220
	230	65.2	365.0	291,900	70.7	359.2	283,600*	230
	240	63.6	359.1	269,300	69.1	353.2	270,400*	240
	250	61.9	352.8	248,700	67.4	346.8	258,000*	250
	260	60.3	346.1	229,900	65.6	339.9	244,700	260
	270	58.5	339.0	212,600	63.9	332.6	226,500	270
	280	56.8	331.3	196,600	62.1	324.9	209,700	280
	290	54.9	323.2	181,900	60.2	316.5	194,100	290
	300	53.1	314.5	168,100	58.3	307.7	179,500	300
	310	51.2	305.2	155,400	56.3	298.2	166,000	310
	320	49.2	295.3	143,400	54.3	288.0	153,300	320
	330	47.1	284.6	132,200	52.2	277.0	141,400	330
	340	45.0	273.2	121,700	50.0	265.2	130,200	340
	350	42.7	260.7	111,900	47.7	252.4	119,700	350
	360	40.4	247.3	102,500	45.2	238.4	109,600	360
	370				42.6	223.0	100,100	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

1,753,600 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	750,600				130
	135	80.4	430.1	706,700	85.7	424.5	498,300*	135
	140	79.7	428.8	666,700	85.0	423.2	482,700*	140
	145	79.0	427.4	630,000	84.3	421.8	468,000*	145
	150	78.3	426.0	596,400	83.6	420.3	454,000*	150
	155	77.6	424.5	565,400	82.9	418.8	440,700*	155
	160	76.9	422.9	536,700	82.2	417.2	428,000*	160
	165	76.2	421.3	510,100	81.5	415.6	416,000*	165
	170	75.5	419.6	485,400	80.8	413.8	404,500*	170
	175	74.8	417.8	462,300	80.1	412.0	393,600*	175
	180	74.1	415.9	440,800	79.4	410.2	383,100*	180
	185	73.4	414.0	420,600	78.6	408.2	373,100*	185
	190	72.7	412.0	401,600	77.9	406.2	363,500*	190
	195	72.0	410.0	383,800	77.2	404.1	354,400*	195
	200	71.2	407.9	367,000	76.5	402.0	345,600*	200
	210	69.8	403.4	336,100	75.0	397.4	329,100*	210
	220	68.3	398.6	308,400	73.5	392.5	313,800*	220
	230	66.8	393.4	283,400	72.0	387.3	299,700*	230
	240	65.3	388.0	260,800	70.4	381.8	279,600	240
	250	63.8	382.2	240,100	68.9	375.9	257,800	250
	260	62.2	376.0	221,300	67.3	369.6	237,800	260
	270	60.6	369.5	203,900	65.7	362.9	219,500	270
	280	59.0	362.5	187,900	64.0	355.8	202,600	280
	290	57.4	355.1	173,100	62.4	348.3	186,900	290
	300	55.7	347.2	159,400	60.6	340.3	172,300	300
	310	54.0	338.9	146,600	58.9	331.7	158,800	310
	320	52.2	330.0	134,700	57.1	322.6	146,000	320
	330	50.4	320.5	123,500	55.2	312.9	134,100	330
	340	48.5	310.4	113,000	53.2	302.6	122,900	340
	350	46.5	299.6	103,100	51.2	291.5	112,400	350
	360				49.2	279.6	102,400	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

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MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

1,753,600 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	905,900				115
	120	82.8	459.1	845,900				120
	125	82.2	458.1	792,000				125
	130	81.5	456.9	743,400				130
	135	80.9	455.8	699,300	86.0	449.9	505,300*	135
	140	80.3	454.5	659,100	85.3	448.7	490,300*	140
	145	79.6	453.2	622,300	84.6	447.4	475,900*	145
	150	79.0	451.9	588,500	84.0	446.0	462,300*	150
	155	78.3	450.5	557,400	83.3	444.5	449,400*	155
	160	77.7	449.0	528,600	82.7	443.0	437,100*	160
	165	77.0	447.5	501,800	82.0	441.5	425,300*	165
	170	76.3	445.9	477,000	81.3	439.9	414,000*	170
	175	75.7	444.2	453,800	80.7	438.2	403,300*	175
	180	75.0	442.5	432,200	80.0	436.4	393,000*	180
	185	74.3	440.7	411,900	79.3	434.6	383,200*	185
	190	73.7	438.8	392,800	78.6	432.7	373,700*	190
	195	73.0	436.9	374,900	78.0	430.8	364,700*	195
	200	72.3	434.9	358,000	77.3	428.7	356,000*	200
	210	71.0	430.7	327,000	75.9	424.5	339,600*	210
	220	69.6	426.2	299,200	74.5	419.9	322,900	220
	230	68.2	421.4	274,200	73.1	415.1	296,400	230
	240	66.8	416.3	251,400	71.7	409.9	272,300	240
	250	65.4	411.0	230,700	70.2	404.4	250,400	250
	260	63.9	405.2	211,800	68.7	398.6	230,300	260
	270	62.5	399.2	194,400	67.2	392.4	211,800	270
	280	61.0	392.7	178,300	65.7	385.9	194,700	280
	290	59.5	385.9	163,500	64.2	379.0	179,000	290
	300	57.9	378.7	149,700	62.6	371.6	164,300	300
	310	56.3	371.1	136,900	61.0	363.9	150,600	310
	320	54.7	363.1	124,900	59.4	355.6	137,800	320
	330	53.1	354.5	113,700	57.7	346.9	125,900	330
	340	51.4	345.4	103,200	55.9	337.6	114,600	340
	350				54.2	327.7	104,000	350

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

1,753,600 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 0 3	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	391,400	78.4	404.2	305,600*	195
	200	71.7	407.9	374,600	77.7	402.0	297,200*	200
	210	70.3	403.4	343,800	76.2	397.5	281,400*	210
	220	68.8	398.6	316,200	74.7	392.6	266,800*	220
	230	67.3	393.5	291,300	73.2	387.4	253,300*	230
	240	65.8	388.1	268,700	71.7	381.8	240,800*	240
	250	64.3	382.2	248,100	70.1	375.9	229,100*	250
	260	62.7	376.1	229,300	68.5	369.7	218,200*	260
	270	61.1	369.5	212,000	66.9	363.0	208,100*	270
	280	59.5	362.6	196,100	65.3	355.9	198,500*	280
	290	57.8	355.2	181,300	63.6	348.3	189,600*	290
	300	56.2	347.3	167,600	61.9	340.3	181,200*	300
	310	54.4	339.0	154,900	60.1	331.8	167,800	310
	320	52.7	330.1	142,900	58.3	322.7	155,200	320
	330	50.8	320.6	131,800	56.4	313.0	143,300	330
	340	49.0	310.5	121,300	54.5	302.7	132,100	340
	350	47.0	299.7	111,500	52.5	291.6	121,500	350
	360	45.0	288.2	102,200	50.4	279.6	111,600	360
	370				48.2	266.8	102,100	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

1,753,600 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	565,200	84.5	444.5	408,300*	155
	160	78.1	449.0	536,500	83.8	443.0	396,300*	160
	165	77.4	447.5	509,900	83.2	441.4	384,800*	165
	170	76.8	445.9	485,100	82.5	439.8	373,800*	170
	175	76.1	444.2	462,000	81.8	438.1	363,300*	175
	180	75.5	442.5	440,400	81.1	436.4	353,300*	180
	185	74.8	440.7	420,200	80.5	434.6	343,800*	185
	190	74.1	438.8	401,200	79.8	432.7	334,600*	190
	195	73.5	436.9	383,400	79.1	430.7	325,900*	195
	200	72.8	434.9	366,600	78.4	428.7	317,400*	200
	210	71.4	430.7	335,700	77.0	424.4	301,600*	210
	220	70.0	426.2	308,000	75.6	419.9	287,000*	220
	230	68.7	421.5	283,000	74.2	415.0	273,500*	230
	240	67.2	416.4	260,300	72.8	409.9	260,900*	240
	250	65.8	411.0	239,700	71.4	404.4	249,200*	250
	260	64.4	405.3	220,800	69.9	398.6	238,100*	260
	270	62.9	399.2	203,400	68.4	392.4	221,800	270
	280	61.4	392.8	187,500	66.9	385.8	204,800	280
	290	59.9	386.0	172,700	65.3	378.9	189,100	290
	300	58.4	378.8	158,900	63.8	371.6	174,400	300
	310	56.8	371.2	146,200	62.2	363.8	160,800	310
	320	55.2	363.1	134,200	60.5	355.6	148,100	320
	330	53.5	354.6	123,100	58.8	346.8	136,100	330
	340	51.8	345.5	112,600	57.1	337.6	124,900	340
	350	50.1	335.9	102,800	55.3	327.7	114,300	350
	360				53.5	317.2	104,300	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

1,753,600 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	
203	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	291,800	75.3	415.3	230,600*	230
	240	67.6	416.5	269,200	73.9	410.2	218,500*	240
	250	66.2	411.1	248,600	72.4	404.7	207,200*	250
	260	64.8	405.4	229,700	71.0	398.9	196,700*	260
	270	63.3	399.3	212,400	69.5	392.7	186,900*	270
	280	61.8	392.9	196,500	68.0	386.2	177,700*	280
	290	60.3	386.1	181,700	66.4	379.2	169,100*	290
	300	58.8	378.9	168,000	64.8	371.9	161,000*	300
	310	57.2	371.3	155,300	63.2	364.1	153,400*	310
	320	55.6	363.2	143,400	61.6	355.9	146,200*	320
	330	53.9	354.7	132,200	59.9	347.2	139,400*	330
	340	52.2	345.6	121,800	58.2	337.9	132,900*	340
	350	50.5	336.0	112,000	56.4	328.1	123,000	350
	360	48.7	325.8	102,700	54.6	317.6	113,100	360
	370				52.7	306.3	103,700	370

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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	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	441,300	82.6	462.6	328,000*	180
	185	76.0	467.2	421,100	82.0	460.9	318,600*	185
	190	75.4	465.5	402,100	81.4	459.1	309,600*	190
	195	74.7	463.7	384,200	80.7	457.2	301,000*	195
	200	74.1	461.8	367,300	80.1	455.3	292,800*	200
	210	72.8	457.8	336,400	78.8	451.3	277,200*	210
	220	71.5	453.6	308,600	77.5	447.1	262,900*	220
	230	70.2	449.1	283,600	76.2	442.5	249,500*	230
	240	68.9	444.4	260,900	74.8	437.7	237,100*	240
	250	67.6	439.4	240,300	73.5	432.6	225,600*	250
	260	66.2	434.0	221,400	72.1	427.1	214,800*	260
	270	64.9	428.4	204,000	70.7	421.4	204,700*	270
	280	63.5	422.4	188,000	69.3	415.3	195,200*	280
	290	62.1	416.1	173,200	67.9	408.9	186,300*	290
	300	60.6	409.5	159,500	66.4	402.2	176,100	300
	310	59.2	402.4	146,700	64.9	395.0	162,500	310
	320	57.7	395.0	134,800	63.4	387.4	149,700	320
	330	56.2	387.2	123,600	61.9	379.5	137,700	330
	340	54.7	378.9	113,200	60.3	371.0	126,500	340
	350	53.1	370.2	103,300	58.7	362.1	116,000	350
	360				57.0	352.7	106,000	360