

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7630-B. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADIUS ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 85% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 4,425 LB. MINIMUM BLOCK WEIGHT WITH 4 PART HOIST LINE REEVING ON 40' JIB AND 3 PART ON 60' JIB.

270' AND 280' BOOM LENGTHS REQUIRE ONLY THE MIDDLE 3 SHEAVES TO BE USED ON THE LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM THE LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADIUS 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 GANTRY UP AND OUTRIGGERS FULLY SPREAD AND SET. REFER TO BOOM RIGGING NO. 173379, JIB ASSEMBLY NO. 170429, NO. 173165 OR NO. 172693, WIRE ROPE SPECIFICATION CHART NO. 7632-A, AND OPERATING RANGE DIAGRAM CHART NO. 7636-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON THE 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 70 DEGREE BOOM ANGLE WHEN WIND EXCEEDS THOSE SHOWN IN TABLE TO PREVENT JIB BEING BLOWN OVER BACKWARDS. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 50 MPH.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE 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 MANITOWOC 16 X 8 CARRIER, 390" WHEELBASE, 102-3/4" FRONT AXLE TRACK, 102-3/4" REAR AXLE TRACK, 14.00 X 25 TIRES, 184-1/2" OUTRIGGERS, 28' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS, AND 123,200 LB. COUNTERWEIGHT.

MAXIMUM CAPACITY ON 1-1/8" - 6 X 31 EIPS, IWRC IS 30,000 LBS. PER LINE.

WIND LIMITS DURING OPERATION		
WIND VELOCITY	BOOM LENGTH	JIB LENGTH
MPH	FEET	FEET
30	70 - 200	---
25	210 - 240	---
20	250 - 280	---
25	130 - 210	40 - 80
20	220 - 230	40 - 80
20	240	60
20	250	40
25	130 - 200	100 - 120
20	210 - 220	100 - 120
20	230	100

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER REAR ON SPREAD OUTRIGGERS		OVER SIDE ON SPREAD OUTRIGGERS	
BOOM LGTH.	JIB NO. 132	BOOM LGTH.	JIB NO. 132
280'	---	260'	---
270'	---	250'	---
260'	---	240'	---
250'	40'	230'	60'
240'	60'	220'	80'
230'	100'	210'	120'
220'	120'		

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.

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JIB NO. 132 WITH 20' STRUT ON
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360 DEGREE RATING
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40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	40	80.5	178.3	100,000*b							40
	45	78.8	177.2	94,200*b							45
	50	77.0	176.0	89,800*b	79.4	175.0	73,900*b				50
	55	75.3	174.6	85,900*b	77.7	173.6	71,500*b	80.1	171.1	57,400*	55
	60	73.6	173.1	82,300*b	75.9	172.0	69,300*b	78.3	169.5	55,500*	60
	65	71.8	171.3	79,100*b	74.2	170.3	67,200*	76.5	167.8	53,600*	65
	70	70.0	169.5	76,100*b	72.4	168.4	65,300*	74.7	165.8	51,900*	70
	75	68.2	167.4	73,400*b	70.6	166.3	63,600*	72.9	163.7	50,300*	75
	80	66.4	165.1	71,000*b	68.7	164.0	61,900*	71.0	161.4	48,800*	80
	85	64.5	162.7	68,700*b	66.9	161.5	60,400*	69.1	158.9	47,400*	85
	90	62.7	160.0	66,600*	65.0	158.8	59,000*	67.2	156.1	46,100*	90
	95	60.7	157.1	64,600*	63.0	155.9	57,800*	65.2	153.2	45,000*	95
	100	58.8	154.0	60,100	61.0	152.8	56,600*	63.2	150.0	43,900*	100
	105	56.8	150.6	55,700	59.0	149.4	55,400*	61.1	146.5	42,900*	105
	110	54.7	147.0	51,700	56.9	145.7	52,700	59.0	142.8	41,900*	110
	115	52.6	143.1	48,200	54.8	141.8	49,100	56.8	138.7	41,100*	115
120	50.4	138.9	44,900	52.6	137.5	45,800	54.6	134.4	40,300*	120	
125	48.2	134.3	42,000	50.3	132.9	42,700	52.2	129.6	39,500*	125	
130	45.8	129.4	39,300	48.0	127.9	40,000	49.8	124.5	38,800*	130	
140	40.8	118.1	34,600	42.9	116.5	35,100	44.6	112.7	35,600	140	
150	35.2	104.5	30,600	37.2	102.7	31,000				150	
160	28.6	87.4	27,100							160	
140	40	81.0	188.5	99,900*b							40
	45	79.4	187.5	95,900*b							45
	50	77.8	186.3	91,600*b	80.0	185.2	74,800*b				50
	55	76.1	185.0	87,700*b	78.4	183.9	72,400*b	80.7	181.5	57,800*	55
	60	74.5	183.6	84,200*b	76.8	182.5	70,300*b	79.0	180.0	56,200*	60
	65	72.8	181.9	81,000*b	75.1	180.8	68,200*b	77.3	178.3	54,400*	65
	70	71.2	180.2	78,000*b	73.4	179.1	66,400*	75.6	176.5	52,700*	70
	75	69.5	178.2	75,300*b	71.7	177.1	64,700*	73.9	174.5	51,100*	75
	80	67.8	176.1	72,800*b	70.0	175.0	63,000*	72.2	172.4	49,700*	80
	85	66.1	173.8	70,500*b	68.2	172.7	61,500*	70.4	170.0	48,300*	85
	90	64.3	171.3	68,400*b	66.5	170.2	60,200*	68.6	167.5	47,100*	90
	95	62.5	168.6	64,300	64.7	167.5	58,900*	66.8	164.7	45,900*	95
	100	60.7	165.8	59,300	62.9	164.5	57,600*	64.9	161.8	44,800*	100
	105	58.8	162.7	54,900	61.0	161.4	56,000	63.0	158.6	43,800*	105
	110	57.0	159.3	50,900	59.1	158.1	52,000	61.1	155.2	42,800*	110
	115	55.0	155.7	47,300	57.1	154.5	48,300	59.1	151.5	42,000*	115
120	53.0	151.9	44,100	55.1	150.6	45,000	57.0	147.5	41,100*	120	
125	51.0	147.8	41,200	53.1	146.4	42,000	54.9	143.2	40,400*	125	
130	48.9	143.3	38,500	50.9	141.9	39,200	52.7	138.6	39,700*	130	
140	44.5	133.4	33,800	46.4	131.8	34,400	48.1	128.3	34,900	140	
150	39.6	121.6	29,700	41.5	119.9	30,200	43.0	116.0	30,600	150	
160	34.2	107.5	26,200	36.0	105.6	26,600				160	
170	27.7	89.7	23,200							170	
150	45	79.9	197.7	97,500*b							45
	50	78.4	196.6	93,300*b	80.6	195.5	75,600*b				50
	55	76.9	195.4	89,400*b	79.0	194.3	73,300*b				55
	60	75.3	194.0	85,900*b	77.5	192.9	71,200*b	79.6	190.4	56,900*	60
	65	73.8	192.5	82,700*b	75.9	191.4	69,200*b	78.0	188.8	55,100*	65
	70	72.2	190.8	79,800*b	74.3	189.7	67,400*	76.4	187.1	53,500*	70
	75	70.6	189.0	77,100*b	72.7	187.8	65,700*	74.8	185.2	51,900*	75
	80	69.0	187.0	74,600*b	71.1	185.8	64,100*	73.2	183.2	50,500*	80
	85	67.4	184.8	72,300*b	69.5	183.7	62,600*	71.5	181.0	49,200*	85
	90	65.7	182.5	69,300*b	67.8	181.3	61,200*	69.8	178.6	47,900*	90
	95	64.1	180.0	63,600*b	66.1	178.8	59,900*	68.1	176.1	46,800*	95
	100	62.4	177.3	58,600	64.4	176.1	58,700*	66.4	173.3	45,700*	100
	105	60.7	174.4	54,200	62.7	173.2	55,400	64.6	170.4	44,600*	105
	110	58.9	171.3	50,200	60.9	170.1	51,300	62.8	167.2	43,700*	110
	115	57.1	168.0	46,600	59.1	166.7	47,700	61.0	163.8	42,800*	115
	120	55.3	164.5	43,400	57.3	163.2	44,400	59.1	160.2	42,000*	120
125	53.4	160.7	40,400	55.4	159.3	41,300	57.2	156.3	41,200*	125	
130	51.5	156.6	37,800	53.5	155.3	38,600	55.2	152.1	39,300	130	
140	47.5	147.6	33,000	49.4	146.2	33,700	51.1	142.8	34,300	140	
150	43.2	137.2	29,000	45.1	135.6	29,600	46.6	131.9	30,100	150	
160	38.5	125.0	25,500	40.3	123.2	26,000				160	
170	33.2	110.4	22,500	34.9	108.3	22,800				170	
180	26.9	92.0	19,800							180	

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
160	45	80.4	207.9	99,000* ^b							45
	50	79.0	206.8	94,800* ^b							50
	55	77.5	205.7	91,000* ^b	79.6	204.6	74,100* ^b				55
	60	76.1	204.4	87,600* ^b	78.1	203.3	72,000* ^b	80.2	200.7	57,400*	60
	65	74.6	202.9	84,400* ^b	76.6	201.8	70,100* ^b	78.7	199.2	55,800*	65
	70	73.1	201.3	81,400* ^b	75.1	200.2	68,300* ^b	77.1	197.6	54,200*	70
	75	71.6	199.6	78,700* ^b	73.6	198.5	66,600*	75.6	195.9	52,700*	75
	80	70.1	197.7	76,200* ^b	72.1	196.6	65,000*	74.1	194.0	51,300*	80
	85	68.6	195.7	73,900* ^b	70.6	194.5	63,600*	72.5	191.9	50,000*	85
	90	67.0	193.5	68,500 ^b	69.0	192.3	62,200*	70.9	189.7	48,700*	90
	95	65.5	191.2	62,800 ^b	67.4	190.0	60,900*	69.3	187.2	47,600*	95
	100	63.9	188.7	57,800 ^b	65.8	187.4	59,200	67.7	184.7	46,500*	100
	105	62.3	186.0	53,400	64.2	184.7	54,700	66.1	181.9	45,500*	105
	110	60.6	183.1	49,400	62.6	181.8	50,600	64.4	179.0	44,500*	110
	115	59.0	180.0	45,800	60.9	178.7	46,900	62.7	175.8	43,600*	115
120	57.3	176.7	42,600	59.2	175.4	43,600	60.9	172.4	42,800*	120	
125	55.5	173.2	39,600	57.4	171.9	40,600	59.2	168.8	41,500	125	
130	53.8	169.5	36,900	55.6	168.1	37,800	57.3	165.0	38,700	130	
140	50.1	161.2	32,200	51.9	159.8	33,000	53.6	156.5	33,600	140	
150	46.2	151.8	28,100	48.0	150.3	28,800	49.5	146.8	29,400	150	
160	42.0	141.0	24,600	43.8	139.3	25,200	45.2	135.5	25,600	160	
170	37.4	128.3	21,600	39.1	126.5	22,100				170	
180	32.3	113.2	18,900	33.9	111.1	19,300				180	
190	26.2	94.2	16,500							190	
170	45	80.9	218.1	99,900* ^b							45
	50	79.5	217.1	96,300* ^b							50
	55	78.1	216.0	92,500* ^b	80.1	214.8	74,800* ^b				55
	60	76.8	214.7	89,100* ^b	78.7	213.6	72,800* ^b	80.7	211.0	57,700*	60
	65	75.4	213.4	86,000* ^b	77.3	212.2	70,900* ^b	79.2	209.6	56,400*	65
	70	73.9	211.9	83,000* ^b	75.9	210.7	69,100* ^b	77.8	208.1	54,900*	70
	75	72.5	210.2	80,300* ^b	74.4	209.1	67,500*	76.3	206.4	53,400*	75
	80	71.1	208.4	77,800* ^b	73.0	207.3	65,900*	74.9	204.6	52,000*	80
	85	69.6	206.5	74,500 ^b	71.5	205.3	64,500*	73.4	202.7	50,700*	85
	90	68.2	204.5	68,000 ^b	70.1	203.3	63,100*	71.9	200.6	49,500*	90
	95	66.7	202.2	62,300 ^b	68.6	201.0	61,800*	70.4	198.3	48,300*	95
	100	65.2	199.9	57,300 ^b	67.1	198.6	58,800	68.9	195.9	47,300*	100
	105	63.7	197.3	52,800 ^b	65.6	196.1	54,200	67.3	193.3	46,300*	105
	110	62.2	194.6	48,800	64.0	193.4	50,100	65.8	190.5	45,300*	110
	115	60.6	191.7	45,300	62.4	190.5	46,500	64.2	187.6	44,400*	115
120	59.0	188.7	42,000	60.8	187.4	43,100	62.5	184.4	43,600*	120	
125	57.4	185.4	39,100	59.2	184.1	40,100	60.9	181.1	41,100	125	
130	55.8	181.9	36,400	57.6	180.6	37,300	59.2	177.5	38,200	130	
140	52.4	174.3	31,600	54.1	172.9	32,500	55.7	169.7	33,200	140	
150	48.8	165.7	27,600	50.5	164.2	28,300	52.0	160.8	28,900	150	
160	45.0	155.9	24,100	46.7	154.3	24,700	48.1	150.6	25,200	160	
170	40.9	144.6	21,100	42.6	142.9	21,600	43.9	138.9	22,000	170	
180	36.5	131.5	18,400	38.1	129.6	18,800				180	
190	31.5	115.9	16,000	33.0	113.7	16,300				190	
200	25.6	96.4	13,900							200	

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	50	80.0	227.3	97,700*b							50
	55	78.7	226.2	94,000*b	80.5	225.1	75,500*b				55
	60	77.4	225.0	90,600*b	79.2	223.9	73,600*b				60
	65	76.0	223.7	87,500*b	77.9	222.6	71,700*b				65
	70	74.7	222.3	84,600*b	76.5	221.2	70,000*b	79.7	220.0	57,000*	70
	75	73.3	220.8	81,900*b	75.2	219.6	68,300*b	78.4	218.5	55,500*	75
	80	72.0	219.1	79,400*b	73.8	217.9	66,800*	77.0	216.9	54,000*	80
	85	70.6	217.2	73,700b	72.4	216.1	65,300*	75.6	215.2	52,700*	85
	90	69.2	215.3	67,200b	71.0	214.1	64,000*	74.2	213.4	51,400*	90
	95	67.8	213.2	61,500b	69.6	212.0	62,700*	72.8	211.4	50,200*	95
	100	66.4	210.9	56,500b	68.2	209.7	58,100	71.4	209.2	49,100*	100
	105	65.0	208.5	52,000b	66.8	207.3	53,500	69.9	206.9	48,000*	105
	110	63.5	206.0	48,000b	65.3	204.7	49,400	68.5	204.5	47,000*	110
	115	62.1	203.3	44,400	63.8	202.0	45,700	67.0	201.9	46,000*	115
	120	60.6	200.4	41,200	62.3	199.1	42,400	65.5	199.1	45,100*	120
	125	59.1	197.3	38,200	60.8	196.0	39,400	64.0	196.2	43,500	125
	130	57.5	194.1	35,500	59.3	192.7	36,600	62.4	193.0	40,400	130
	140	54.4	187.0	30,800	56.1	185.6	31,700	60.9	189.7	37,600	140
150	51.1	179.0	26,700	52.7	177.6	27,500	57.6	182.4	32,500	150	
160	47.6	170.0	23,300	49.2	168.5	23,900	54.2	174.2	28,200	160	
170	43.9	159.8	20,200	45.5	158.2	20,800	50.6	165.0	24,500	170	
180	39.9	148.2	17,500	41.5	146.4	18,000	46.8	154.4	21,300	180	
190	35.6	134.6	15,200	37.1	132.7	15,600				190	
200	30.7	118.5	13,000	32.1	116.3	13,300				200	
190	50	80.4	237.5	99,000*b							50
	55	79.2	236.5	95,300*b	81.0	235.3	76,200*b				55
	60	77.9	235.3	92,000*b	79.7	234.2	74,200*b				60
	65	76.6	234.1	88,900*b	78.4	232.9	72,400*b	80.2	230.3	57,400*	65
	70	75.4	232.7	86,000*b	77.1	231.6	70,700*b	78.9	228.9	56,100*	70
	75	74.1	231.2	83,300*b	75.8	230.1	69,100*b	77.6	227.4	54,600*	75
	80	72.8	229.6	80,600b	74.5	228.5	67,600*	76.3	225.8	53,300*	80
	85	71.5	227.9	73,000b	73.2	226.7	66,200*	74.9	224.0	52,000*	85
	90	70.2	226.0	66,500b	71.9	224.8	64,800*	73.6	222.1	50,900*	90
	95	68.8	224.0	60,800b	70.6	222.8	62,600	72.2	220.1	49,700*	95
	100	67.5	221.9	55,800b	69.2	220.7	57,500	70.9	217.9	48,700*	100
	105	66.1	219.6	51,300b	67.8	218.4	52,900	69.5	215.6	47,700*	105
	110	64.8	217.2	47,300b	66.5	216.0	48,800	68.1	213.1	46,700*	110
	115	63.4	214.7	43,700b	65.1	213.4	45,100	66.7	210.5	45,900*	115
	120	62.0	211.9	40,500	63.7	210.7	41,700	65.2	207.7	42,900	120
	125	60.5	209.0	37,500	62.2	207.7	38,700	63.8	204.8	39,800	125
	130	59.1	206.0	34,800	60.8	204.7	35,900	62.3	201.7	37,000	130
	140	56.1	199.3	30,100	57.8	198.0	31,000	59.3	194.9	31,900	140
150	53.1	191.9	26,000	54.7	190.5	26,900	56.1	187.2	27,600	150	
160	49.8	183.6	22,500	51.4	182.1	23,300	52.8	178.7	23,900	160	
170	46.5	174.2	19,500	48.0	172.6	20,100	49.3	169.0	20,700	170	
180	42.9	163.7	16,800	44.4	162.0	17,300	45.6	158.1	17,800	180	
190	39.0	151.6	14,400	40.5	149.8	14,900				190	
200	34.8	137.7	12,300	36.2	135.6	12,700				200	
210	30.0	121.1	10,400	31.3	118.8	10,700				210	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	50	80.8	247.6	99,900*b							50
	55	79.6	246.7	96,600*b							55
	60	78.4	245.6	93,300*b							60
	65	77.2	244.4	90,200*b	80.1	244.4	74,900*b				65
	70	76.0	243.1	87,400*b	77.7	241.9	71,400*b	80.6	240.6	57,700*	70
	75	74.8	241.7	84,700*b	76.4	240.5	69,800*b	79.4	239.3	56,600*	75
	80	73.5	240.1	79,900b	75.2	239.0	68,300*b	78.1	237.8	55,200*	80
	85	72.3	238.5	72,300b	73.9	237.3	66,900*	76.9	236.3	53,900*	85
	90	71.0	236.7	65,800b	72.7	235.5	65,600*	75.6	234.6	52,700*	90
	95	69.8	234.8	60,100b	71.4	233.6	62,000	74.3	232.8	51,500*	95
	100	68.5	232.8	55,000b	70.1	231.6	56,800	73.0	230.9	50,400*	100
	105	67.2	230.6	50,500b	68.8	229.4	52,200	71.7	228.8	49,300*	105
	110	65.9	228.3	46,500b	67.5	227.1	48,100	70.4	226.6	48,300*	110
	115	64.6	225.9	42,900b	66.2	224.6	44,400	69.1	224.3	47,400*	115
	120	63.2	223.3	39,700	64.9	222.0	41,000	67.8	221.8	45,700	120
	125	61.9	220.6	36,700	63.5	219.3	38,000	66.4	219.1	42,300	125
	130	60.5	217.7	34,000	62.1	216.4	35,200	65.0	216.4	39,200	130
	140	57.7	211.4	29,200	59.3	210.1	30,300	63.6	213.4	36,300	140
	150	54.8	204.5	25,200	56.4	203.1	26,100	60.8	207.0	31,200	150
	160	51.8	196.7	21,700	53.4	195.2	22,500	57.8	199.9	26,900	160
	170	48.7	188.0	18,600	50.2	186.5	19,300	54.8	191.9	23,200	170
	180	45.4	178.3	15,900	46.9	176.7	16,600	51.5	183.0	19,900	180
190	41.9	167.4	13,600	43.4	165.7	14,100	48.1	173.0	17,100	190	
200	38.1	155.0	11,400	39.5	153.1	11,900	44.5	161.7	14,500	200	
210	34.0	140.6	9,500	35.3	138.6	9,900				210	
220	29.3	123.7	7,800							220	
210	55	80.1	256.9	90,000*b							55
	60	78.9	255.8	90,000*b	80.5	254.7	75,500*b				60
	65	77.7	254.7	90,000*b	79.4	253.5	73,700*b				65
	70	76.6	253.4	88,700*b	78.2	252.3	72,100*b	79.8	249.6	57,100*	70
	75	75.4	252.1	86,000*b	77.0	250.9	70,500*b	78.6	248.2	55,700*	75
	80	74.2	250.6	79,600b	75.8	249.4	69,100*b	77.4	246.7	54,500*	80
	85	73.0	249.0	72,000b	74.6	247.8	67,700*	76.2	245.1	53,200*	85
	90	71.8	247.3	65,500b	73.4	246.1	66,400*	75.0	243.4	52,100*	90
	95	70.6	245.5	59,800b	72.2	244.3	61,700	73.8	241.6	51,000*	95
	100	69.4	243.6	54,800b	71.0	242.4	56,600	72.5	239.6	50,000*	100
	105	68.1	241.5	50,300b	69.7	240.3	52,000	71.3	237.5	49,000*	105
	110	66.9	239.3	46,300b	68.5	238.1	47,800	70.0	235.3	48,100*	110
	115	65.7	237.0	42,700b	67.2	235.8	44,100	68.7	232.9	45,500	115
	120	64.4	234.6	39,400b	66.0	233.3	40,800	67.4	230.4	42,100	120
	125	63.1	232.0	36,400	64.7	230.7	37,700	66.1	227.8	39,000	125
	130	61.8	229.3	33,700	63.4	227.9	34,900	64.8	225.0	36,100	130
	140	59.2	223.3	29,000	60.7	222.0	30,000	62.1	218.9	31,100	140
	150	56.5	216.7	24,900	58.0	215.4	25,900	59.3	212.2	26,700	150
160	53.6	209.5	21,400	55.1	208.0	22,300	56.5	204.8	23,000	160	
170	50.7	201.4	18,400	52.2	199.9	19,100	53.5	196.5	19,800	170	
180	47.7	192.4	15,700	49.1	190.8	16,300	50.3	187.2	16,900	180	
190	44.4	182.3	13,300	45.9	180.7	13,900	47.0	176.9	14,400	190	
200	41.0	171.1	11,200	42.4	169.3	11,700	43.5	165.2	12,100	200	
210	37.3	158.3	9,300	38.7	156.4	9,700				210	
220	33.3	143.6	7,500	34.6	141.4	7,900				220	
230	28.7	126.1	6,000							230	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
220	55	80.4	267.0	90,000*b							55
	60	79.3	266.0	90,000*b	80.9	264.9	76,100*b				60
	65	78.2	265.0	90,000*b	79.8	263.8	74,300*b				65
	70	77.1	263.8	89,900*b	78.6	262.6	72,700*b	80.2	259.9	57,400*	70
	75	76.0	262.5	87,300*b	77.5	261.3	71,200*b	79.1	258.6	56,200*	75
	80	74.8	261.1	78,900b	76.4	259.9	69,800*b	77.9	257.1	55,000*	80
	85	73.7	259.5	71,300b	75.2	258.3	68,400*b	76.8	255.6	53,800*	85
	90	72.5	257.9	64,800b	74.1	256.7	67,000	75.6	254.0	52,600*	90
	95	71.4	256.2	59,100b	72.9	255.0	61,100	74.4	252.2	51,600*	95
	100	70.2	254.3	54,000b	71.7	253.1	55,900	73.2	250.3	50,600*	100
	105	69.0	252.4	49,500b	70.6	251.1	51,300	72.0	248.3	49,600*	105
	110	67.8	250.3	45,500b	69.4	249.0	47,100	70.8	246.2	48,700*	110
	115	66.6	248.1	41,900b	68.2	246.8	43,400	69.6	243.9	44,900	115
	120	65.4	245.7	38,600b	66.9	244.4	40,100	68.4	241.6	41,500	120
	125	64.2	243.3	35,700b	65.7	242.0	37,000	67.2	239.0	38,300	125
	130	63.0	240.7	32,900	64.5	239.3	34,200	65.9	236.4	35,400	130
	140	60.5	235.0	28,200	62.0	233.7	29,300	63.3	230.7	30,400	140
	150	57.9	228.8	24,100	59.4	227.4	25,100	60.7	224.3	26,100	150
	160	55.3	221.9	20,600	56.7	220.5	21,500	58.0	217.3	22,300	160
	170	52.5	214.3	17,500	53.9	212.9	18,400	55.2	209.5	19,100	170
	180	49.7	205.9	14,900	51.1	204.4	15,600	52.3	200.9	16,200	180
	190	46.7	196.6	12,500	48.1	195.0	13,100	49.2	191.3	13,600	190
	200	43.5	186.3	10,400	44.9	184.6	10,900	46.0	180.7	11,300	200
210	40.2	174.7	8,400	41.5	172.8	8,900				210	
220	36.6	161.5	6,700	37.8	159.5	7,100				220	
230	32.6	146.4	5,100	33.8	144.2	5,500				230	
230	55	80.8	277.2	90,000*b							55
	60	79.7	276.3	90,000*b							60
	65	78.6	275.2	90,000*b	80.2	274.0	74,900*b				65
	70	77.6	274.1	90,000*b	79.1	272.9	73,300*b	80.6	270.2	57,700*	70
	75	76.5	272.8	87,100b	78.0	271.6	71,800*b	79.5	268.9	56,700*	75
	80	75.4	271.5	78,200b	76.9	270.2	70,400*b	78.4	267.5	55,500*	80
	85	74.3	270.0	70,700b	75.8	268.8	69,000*b	77.3	266.1	54,300*	85
	90	73.2	268.4	64,100b	74.7	267.2	66,400	76.2	264.5	53,200*	90
	95	72.1	266.8	58,400b	73.6	265.5	60,500	75.0	262.8	52,100*	95
	100	71.0	265.0	53,300b	72.4	263.8	55,300	73.9	261.0	51,100*	100
	105	69.8	263.1	48,800b	71.3	261.9	50,600	72.8	259.1	50,200*	105
	110	68.7	261.1	44,800b	70.2	259.9	46,500	71.6	257.0	48,200	110
	115	67.6	259.0	41,200b	69.0	257.7	42,800	70.4	254.9	44,400	115
	120	66.4	256.8	37,900b	67.9	255.5	39,400	69.3	252.6	40,900	120
	125	65.2	254.4	34,900b	66.7	253.1	36,400	68.1	250.2	37,700	125
	130	64.1	251.9	32,200b	65.5	250.6	33,600	66.9	247.7	34,800	130
	140	61.7	246.6	27,400	63.1	245.2	28,600	64.5	242.2	29,800	140
	150	59.2	240.7	23,400	60.7	239.3	24,400	62.0	236.2	25,400	150
	160	56.7	234.1	19,900	58.1	232.7	20,800	59.4	229.6	21,700	160
	170	54.1	227.0	16,800	55.5	225.5	17,700	56.7	222.2	18,400	170
	180	51.4	219.1	14,100	52.8	217.6	14,900	54.0	214.2	15,600	180
	190	48.7	210.4	11,700	50.0	208.8	12,400	51.1	205.2	13,000	190
	200	45.7	200.8	9,600	47.1	199.1	10,200	48.1	195.4	10,700	200
210	42.7	190.1	7,700	43.9	188.4	8,200	45.0	184.4	8,600	210	
220	39.4	178.2	6,000	40.6	176.3	6,400				220	
230	35.8	164.7	4,400	37.1	162.6	4,800				230	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
240	60	80.1	286.4	90,000*b							60
	65	79.1	285.4	90,000*b	80.5	284.2	75,400*b				65
	70	78.0	284.3	90,000*b	79.5	283.1	73,900*b	80.9	280.4	57,900*	70
	75	77.0	283.1	86,400b	78.4	281.9	72,400*b	79.9	279.2	57,200*	75
	80	75.9	281.8	77,500b	77.4	280.6	71,000*b	78.8	277.9	55,900*	80
	85	74.9	280.4	70,000b	76.3	279.2	69,700*b	77.7	276.5	54,800*	85
	90	73.8	278.9	63,400b	75.2	277.7	65,700b	76.7	274.9	53,700*	90
	95	72.7	277.3	57,600b	74.2	276.1	59,800	75.6	273.3	52,600*	95
	100	71.7	275.6	52,600b	73.1	274.4	54,600	74.5	271.6	51,600*	100
	105	70.6	273.8	48,100b	72.0	272.6	50,000	73.4	269.8	50,700*	105
	110	69.5	271.9	44,000b	70.9	270.6	45,800	72.3	267.8	47,600	110
	115	68.4	269.9	40,400b	69.8	268.6	42,100	71.2	265.7	43,700	115
	120	67.3	267.7	37,100b	68.7	266.5	38,700	70.1	263.6	40,200	120
	125	66.2	265.5	34,200b	67.6	264.2	35,600	68.9	261.3	37,100	125
	130	65.1	263.1	31,400b	66.5	261.8	32,800	67.8	258.9	34,200	130
	140	62.8	258.0	26,600	64.2	256.7	27,900	65.5	253.7	29,100	140
	150	60.4	252.3	22,600	61.8	251.0	23,700	63.1	247.9	24,700	150
	160	58.1	246.2	19,100	59.4	244.8	20,100	60.7	241.6	21,000	160
	170	55.6	239.4	16,000	56.9	237.9	16,900	58.2	234.7	17,700	170
	180	53.1	231.9	13,300	54.4	230.4	14,100	55.6	227.1	14,800	180
190	50.4	223.7	10,900	51.8	222.2	11,600	52.9	218.7	12,300	190	
200	47.7	214.7	8,800	49.0	213.1	9,400	50.1	209.5	10,000	200	
210	44.9	204.8	6,900	46.1	203.2	7,400	47.1	199.3	7,900	210	
220	41.8	193.9	5,100	43.1	192.1	5,600	44.0	188.0	6,000	220	
230				39.8	179.7	4,000				230	
250	60	80.4	296.6	90,000*b							60
	65	79.4	295.6	90,000*b	80.8	294.4	76,000*b				65
	70	78.4	294.6	90,000*b	79.8	293.4	74,400*b				70
	75	77.4	293.4	86,100b	78.8	292.2	73,000*b	80.2	289.5	57,400*	75
	80	76.4	292.2	77,200b	77.8	291.0	71,600*b	79.2	288.2	56,400*	80
	85	75.4	290.8	69,600b	76.8	289.6	70,300*b	78.2	286.8	55,300*	85
	90	74.4	289.4	63,100b	75.8	288.1	65,500b	77.2	285.4	54,200*	90
	95	73.4	287.8	57,300b	74.7	286.6	59,500	76.1	283.8	53,100*	95
	100	72.3	286.2	52,200b	73.7	285.0	54,300	75.1	282.2	52,200*	100
	105	71.3	284.5	47,700b	72.7	283.2	49,700	74.0	280.4	51,200*	105
	110	70.2	282.6	43,700b	71.6	281.4	45,500	72.9	278.5	47,300	110
	115	69.2	280.7	40,100b	70.6	279.4	41,800	71.9	276.5	43,500	115
	120	68.1	278.6	36,800b	69.5	277.3	38,400	70.8	274.5	40,000	120
	125	67.1	276.4	33,800b	68.4	275.2	35,300	69.7	272.3	36,800	125
	130	66.0	274.2	31,100b	67.3	272.9	32,500	68.6	269.9	33,900	130
	140	63.8	269.3	26,300b	65.1	268.0	27,600	66.4	265.0	28,800	140
	150	61.6	263.9	22,200	62.9	262.5	23,400	64.1	259.5	24,500	150
	160	59.3	258.0	18,700	60.6	256.6	19,800	61.8	253.5	20,700	160
	170	57.0	251.5	15,700	58.3	250.1	16,600	59.4	246.9	17,500	170
	180	54.5	244.5	13,000	55.8	243.0	13,800	57.0	239.7	14,600	180
190	52.1	236.7	10,600	53.3	235.2	11,300	54.5	231.8	12,000	190	
200	49.5	228.3	8,400	50.8	226.7	9,100	51.8	223.2	9,700	200	
210	46.8	219.0	6,500	48.1	217.4	7,100	49.1	213.7	7,700	210	
220	44.0	208.8	4,800	45.2	207.1	5,300	46.2	203.2	5,800	220	
230							43.2	191.5	4,100	230	

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	50	79.8	196.4	72,400* ^b							50
	55	78.3	195.1	70,900*							55
	60	76.7	193.7	69,500*	79.9	191.9	59,200*				60
	65	75.1	192.2	68,100*	78.3	190.4	58,300*				65
	70	73.6	190.5	66,800*	76.7	188.7	57,500*	79.9	184.9	41,800*	70
	75	72.0	188.7	65,600*	75.1	186.9	56,700*	78.3	183.1	40,400*	75
	80	70.4	186.7	64,400*	73.5	184.8	55,900*	76.6	181.0	39,100*	80
	85	68.7	184.6	63,300*	71.9	182.7	55,200*	75.0	178.8	37,900*	85
	90	67.1	182.2	62,200*	70.2	180.3	54,500*	73.3	176.4	36,800*	90
	95	65.4	179.7	61,200*	68.5	177.8	53,200*	71.5	173.8	35,800*	95
	100	63.7	177.0	60,300*	66.8	175.0	51,600*	69.8	171.0	34,800*	100
	105	62.0	174.1	57,500	65.0	172.1	50,100*	68.0	168.0	33,900*	105
	110	60.3	171.0	53,500	63.3	169.0	48,700*	66.2	164.7	33,100*	110
	115	58.5	167.7	49,900	61.5	165.6	47,300*	64.3	161.3	32,300*	115
	120	56.6	164.2	46,600	59.6	162.0	46,100*	62.4	157.6	31,600*	120
	125	54.8	160.4	43,700	57.7	158.2	44,800	60.4	153.6	30,900*	125
	130	52.8	156.3	40,900	55.7	154.1	42,000	58.4	149.4	30,200*	130
	140	48.8	147.3	36,200	51.7	144.9	37,000	54.2	139.9	29,100*	140
	150	44.5	136.9	32,100	47.3	134.2	32,800	49.6	128.8	28,100*	150
	160	39.8	124.6	28,500	42.4	121.7	29,100				160
170	34.5	109.9	25,400	37.0	106.6	25,900				170	
180	28.2	91.5	22,700							180	
140	50	80.3	206.6	73,000* ^b							50
	55	78.8	205.4	71,500*							55
	60	77.4	204.1	70,100*	80.4	202.3	59,500*				60
	65	75.9	202.7	68,800*	78.9	200.8	58,700*				65
	70	74.4	201.1	67,500*	77.4	199.2	57,800*	80.5	195.4	42,300*	70
	75	72.9	199.4	66,300*	75.9	197.5	57,100*	78.9	193.6	40,900*	75
	80	71.4	197.5	65,100*	74.4	195.6	56,300*	77.4	191.7	39,700*	80
	85	69.9	195.5	64,000*	72.8	193.5	55,600*	75.8	189.6	38,500*	85
	90	68.3	193.3	63,000*	71.3	191.3	54,900*	74.2	187.3	37,400*	90
	95	66.8	190.9	62,000*	69.7	188.9	54,300*	72.6	184.9	36,400*	95
	100	65.2	188.4	61,100*	68.1	186.4	52,800*	70.9	182.3	35,500*	100
	105	63.5	185.7	56,800	66.4	183.6	51,300*	69.3	179.5	34,600*	105
	110	61.9	182.8	52,700	64.8	180.7	49,900*	67.6	176.5	33,700*	110
	115	60.2	179.7	49,100	63.1	177.6	48,500*	65.8	173.3	33,000*	115
	120	58.5	176.4	45,800	61.4	174.3	47,200	64.1	169.8	32,200*	120
	125	56.8	172.9	42,900	59.6	170.7	44,100	62.2	166.2	31,500*	125
	130	55.0	169.2	40,100	57.8	166.9	41,300	60.4	162.3	30,900*	130
	140	51.4	160.9	35,300	54.1	158.5	36,300	56.5	153.6	29,700*	140
	150	47.5	151.5	31,200	50.1	148.9	32,100	52.4	143.7	28,700*	150
	160	43.3	140.6	27,700	45.8	137.8	28,400	48.0	132.1	27,800*	160
170	38.7	127.9	24,600	41.1	124.8	25,200				170	
180	33.5	112.7	21,900	35.8	109.2	22,300				180	
150	50	80.8	216.8	73,400* ^b							50
	55	79.4	215.7	72,000* ^b							55
	60	78.0	214.5	70,700*	80.9	212.6	59,800*				60
	65	76.6	213.1	69,400*	79.5	211.2	59,000*				65
	70	75.2	211.6	68,100*	78.1	209.7	58,200*	81.0	205.8	42,700*	70
	75	73.8	209.9	66,900*	76.6	208.0	57,400*	79.5	204.1	41,400*	75
	80	72.3	208.2	65,800*	75.2	206.2	56,700*	78.0	202.3	40,200*	80
	85	70.9	206.3	64,700*	73.7	204.3	56,000*	76.5	200.3	39,100*	85
	90	69.4	204.2	63,700*	72.2	202.2	55,300*	75.0	198.2	38,000*	90
	95	67.9	202.0	62,700*	70.7	200.0	54,700*	73.5	195.9	37,000*	95
	100	66.4	199.6	60,600	69.2	197.6	53,900*	71.9	193.4	36,100*	100
	105	64.9	197.0	56,100	67.7	195.0	52,400*	70.4	190.8	35,200*	105
	110	63.4	194.3	52,100	66.1	192.2	51,000*	68.8	188.0	34,400*	110
	115	61.8	191.4	48,400	64.5	189.3	49,700*	67.2	185.0	33,600*	115
	120	60.2	188.4	45,100	62.9	186.2	46,600	65.5	181.8	32,800*	120
	125	58.6	185.1	42,200	61.3	182.9	43,500	63.8	178.4	32,100*	125
	130	57.0	181.6	39,400	59.6	179.4	40,700	62.1	174.8	31,500*	130
	140	53.6	174.0	34,600	56.2	171.6	35,700	58.6	166.8	30,300*	140
	150	50.0	165.3	30,500	52.6	162.9	31,500	54.8	157.8	29,300*	150
	160	46.2	155.5	27,000	48.7	152.9	27,800	50.8	147.4	28,400*	160
170	42.1	144.2	23,900	44.5	141.3	24,600	46.5	135.4	25,100	170	
180	37.7	131.1	21,200	40.0	127.9	21,700				180	
190	32.6	115.4	18,800	34.8	111.7	19,200				190	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
160	55	79.9	226.0	72,500* ^b							55
	60	78.5	224.8	71,200*							60
	65	77.2	223.5	69,900*	80.0	221.5	59,300*				65
	70	75.9	222.0	68,700*	78.6	220.1	58,500*				70
	75	74.5	220.5	67,600*	77.3	218.5	57,700*	80.0	214.6	41,900*	75
	80	73.2	218.8	66,500*	75.9	216.8	57,000*	78.6	212.8	40,700*	80
	85	71.8	217.0	65,400*	74.5	215.0	56,400*	77.2	210.9	39,600*	85
	90	70.4	215.0	64,400*	73.1	213.0	55,700*	75.8	208.9	38,500*	90
	95	69.0	212.9	63,400*	71.7	210.9	55,100*	74.3	206.8	37,600*	95
	100	67.6	210.7	59,800	70.2	208.6	54,500*	72.9	204.4	36,600*	100
	105	66.1	208.3	55,300	68.8	206.2	53,500*	71.4	202.0	35,800*	105
	110	64.7	205.7	51,300	67.3	203.6	52,100*	69.9	199.3	34,900*	110
	115	63.2	203.0	47,600	65.8	200.8	49,300	68.4	196.5	34,200*	115
	120	61.7	200.1	44,300	64.3	197.9	45,900	66.8	193.5	33,400*	120
	125	60.2	197.0	41,400	62.8	194.8	42,800	65.2	190.3	32,700*	125
	130	58.7	193.8	38,600	61.2	191.5	40,000	63.7	187.0	32,100*	130
	140	55.5	186.7	33,800	58.0	184.3	35,000	60.4	179.6	30,900*	140
	150	52.2	178.7	29,700	54.7	176.2	30,700	56.9	171.2	29,800*	150
	160	48.7	169.7	26,200	51.2	167.1	27,000	53.3	161.8	27,800	160
	170	45.0	159.4	23,100	47.4	156.7	23,800	49.4	151.0	24,500	170
180	41.1	147.7	20,300	43.3	144.7	21,000				180	
190	36.7	134.2	17,900	38.9	130.8	18,400				190	
200	31.8	118.0	15,700							200	
170	55	80.3	236.2	73,000* ^b							55
	60	79.1	235.1	71,700* ^b							60
	65	77.8	233.8	70,400*	80.4	231.9	59,500*				65
	70	76.5	232.4	69,300*	79.1	230.5	58,800*				70
	75	75.2	231.0	68,100*	77.8	229.0	58,100*	80.5	225.0	42,300*	75
	80	73.9	229.4	67,100*	76.5	227.4	57,400*	79.1	223.3	41,200*	80
	85	72.6	227.6	66,000*	75.2	225.6	56,700*	77.8	221.5	40,100*	85
	90	71.3	225.8	65,000*	73.9	223.7	56,100*	76.4	219.6	39,000*	90
	95	70.0	223.8	64,100*	72.5	221.7	55,500*	75.1	217.6	38,100*	95
	100	68.6	221.6	59,300	71.2	219.6	54,900*	73.7	215.4	37,100*	100
	105	67.3	219.3	54,800	69.8	217.3	54,300*	72.3	213.0	36,300*	105
	110	65.9	216.9	50,700	68.4	214.8	52,600	70.9	210.5	35,500*	110
	115	64.5	214.4	47,100	67.0	212.2	48,800	69.4	207.9	34,700*	115
	120	63.1	211.6	43,800	65.6	209.5	45,400	68.0	205.0	34,000*	120
	125	61.7	208.7	40,800	64.1	206.5	42,300	66.5	202.1	33,300*	125
	130	60.2	205.7	38,100	62.7	203.4	39,500	65.0	198.9	32,600*	130
	140	57.2	199.0	33,300	59.7	196.7	34,500	61.9	192.0	31,400*	140
	150	54.2	191.6	29,100	56.5	189.2	30,200	58.7	184.2	30,400*	150
	160	50.9	183.2	25,600	53.3	180.7	26,600	55.4	175.5	27,400	160
	170	47.6	173.9	22,500	49.8	171.2	23,300	51.8	165.7	24,100	170
180	44.0	163.3	19,800	46.2	160.4	20,500	48.0	154.5	21,100	180	
190	40.1	151.2	17,400	42.2	148.1	18,000				190	
200	35.8	137.2	15,200	37.9	133.7	15,700				200	
210	31.0	120.6	13,200							210	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	55	80.7	246.4	73,400* ^b							55
	60	79.5	245.3	72,100* ^b							60
	65	78.3	244.1	70,900*	80.8	242.1	59,800*				65
	70	77.1	242.8	69,800*	79.6	240.8	59,000*				70
	75	75.8	241.4	68,700*	78.4	239.4	58,300*	80.9	235.3	42,700*	75
	80	74.6	239.9	67,600*	77.1	237.8	57,700*	79.6	233.8	41,600*	80
	85	73.4	238.2	66,600*	75.8	236.2	57,000*	78.3	232.1	40,500*	85
	90	72.1	236.4	65,600*	74.6	234.4	56,400*	77.0	230.2	39,500*	90
	95	70.8	234.5	63,700	73.3	232.5	55,800*	75.7	228.3	38,500*	95
	100	69.6	232.5	58,600	72.0	230.4	55,200*	74.4	226.2	37,600*	100
	105	68.3	230.3	54,000	70.7	228.2	54,700*	73.1	224.0	36,800*	105
	110	67.0	228.0	50,000	69.4	225.9	52,000	71.8	221.6	36,000*	110
	115	65.6	225.6	46,300	68.1	223.4	48,200	70.4	219.1	35,200*	115
	120	64.3	223.0	43,000	66.7	220.8	44,800	69.0	216.4	34,500*	120
	125	63.0	220.3	40,000	65.3	218.1	41,700	67.6	213.6	33,800*	125
	130	61.6	217.4	37,300	64.0	215.2	38,800	66.2	210.6	33,200*	130
	140	58.8	211.1	32,500	61.1	208.8	33,800	63.3	204.1	32,000*	140
	150	55.9	204.1	28,300	58.2	201.7	29,500	60.3	196.9	30,600	150
	160	52.9	196.3	24,800	55.2	193.9	25,800	57.2	188.8	26,800	160
	170	49.8	187.7	21,700	52.0	185.1	22,600	53.9	179.7	23,400	170
	180	46.5	177.9	19,000	48.6	175.2	19,800	50.5	169.5	20,500	180
	190	42.9	167.0	16,500	45.1	164.0	17,200	46.7	157.9	17,800	190
200	39.2	154.5	14,400	41.2	151.3	15,000				200	
210	35.0	140.1	12,400	36.9	136.6	12,900				210	
220	30.3	123.1	10,700							220	
190	60	79.9	255.5	72,600* ^b							60
	65	78.8	254.4	71,400*							65
	70	77.6	253.2	70,300*	80.0	251.1	59,300*				70
	75	76.4	251.8	69,200*	78.8	249.8	58,600*				75
	80	75.2	250.3	68,200*	77.6	248.3	57,900*	80.1	244.2	42,000*	80
	85	74.0	248.7	67,200*	76.4	246.7	57,300*	78.8	242.5	40,900*	85
	90	72.8	247.0	66,200*	75.2	245.0	56,700*	77.6	240.8	39,900*	90
	95	71.6	245.2	63,000	74.0	243.2	56,100*	76.4	238.9	39,000*	95
	100	70.4	243.3	57,900	72.8	241.2	55,600*	75.1	236.9	38,100*	100
	105	69.2	241.2	53,400	71.5	239.1	55,000*	73.8	234.8	37,300*	105
	110	67.9	239.0	49,300	70.3	236.9	51,400	72.6	232.6	36,500*	110
	115	66.7	236.7	45,700	69.0	234.6	47,600	71.3	230.2	35,700*	115
	120	65.4	234.3	42,300	67.7	232.1	44,200	70.0	227.7	35,000*	120
	125	64.1	231.7	39,300	66.4	229.5	41,100	68.6	225.0	34,300*	125
	130	62.8	228.9	36,600	65.1	226.7	38,200	67.3	222.2	33,700*	130
	140	60.2	223.0	31,800	62.5	220.7	33,200	64.6	216.0	32,500*	140
	150	57.5	216.4	27,600	59.7	214.0	28,900	61.8	209.2	30,100	150
	160	54.7	209.1	24,100	56.8	206.6	25,200	58.8	201.6	26,200	160
170	51.7	201.0	21,000	53.9	198.4	22,000	55.8	193.2	22,900	170	
180	48.7	192.0	18,200	50.8	189.3	19,100	52.6	183.8	19,900	180	
190	45.4	181.9	15,800	47.5	179.1	16,600	49.2	173.2	17,200	190	
200	42.0	170.6	13,700	44.0	167.6	14,300				200	
210	38.3	157.8	11,700	40.2	154.5	12,300				210	
220	34.2	143.0	9,900	36.1	139.3	10,400				220	
230	29.7	125.5	8,300							230	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	60	80.3	265.8	73,000* ^b							60
	65	79.2	264.7	71,800* ^b							65
	70	78.1	263.5	70,700*	80.4	261.4	59,500*				70
	75	77.0	262.2	69,700*	79.3	260.1	58,800*				75
	80	75.8	260.8	68,700*	78.1	258.7	58,200*	80.5	254.5	42,300*	80
	85	74.7	259.2	67,700*	77.0	257.2	57,600*	79.3	253.0	41,300*	85
	90	73.5	257.6	66,700*	75.8	255.5	57,000*	78.1	251.3	40,300*	90
	95	72.4	255.9	62,300	74.7	253.8	56,400*	76.9	249.5	39,400*	95
	100	71.2	254.0	57,200	73.5	251.9	55,900*	75.7	247.6	38,500*	100
	105	70.0	252.1	52,600	72.3	249.9	55,000	74.5	245.6	37,700*	105
	110	68.8	250.0	48,600	71.1	247.8	50,800	73.3	243.5	36,900*	110
	115	67.6	247.7	44,900	69.9	245.6	47,000	72.1	241.2	36,200*	115
	120	66.4	245.4	41,600	68.7	243.2	43,500	70.8	238.8	35,500*	120
	125	65.2	242.9	38,600	67.4	240.7	40,400	69.6	236.2	34,800*	125
	130	64.0	240.3	35,800	66.2	238.1	37,500	68.3	233.6	34,100*	130
	140	61.5	234.7	31,000	63.7	232.4	32,500	65.7	227.7	33,000*	140
	150	58.9	228.5	26,800	61.0	226.1	28,200	63.0	221.3	29,500	150
	160	56.2	221.6	23,300	58.4	219.1	24,500	60.3	214.2	25,600	160
	170	53.5	214.0	20,200	55.6	211.4	21,200	57.4	206.3	22,200	170
	180	50.6	205.6	17,400	52.7	202.9	18,400	54.5	197.5	19,200	180
	190	47.6	196.2	15,000	49.6	193.5	15,800	51.3	187.8	16,600	190
	200	44.5	185.9	12,800	46.4	182.9	13,600	48.0	176.9	14,200	200
	210	41.1	174.2	10,900	43.0	171.1	11,500				210
	220	37.5	161.0	9,100	39.3	157.6	9,600				220
230	33.5	145.9	7,500	35.2	142.0	7,900				230	
240	29.0	127.9	6,000							240	
210	60	80.7	276.0	73,400* ^b							60
	65	79.6	274.9	72,200* ^b							65
	70	78.5	273.8	71,200*	80.8	271.7	59,700*				70
	75	77.4	272.5	70,100*	79.7	270.4	59,100*				75
	80	76.4	271.2	69,100*	78.6	269.1	58,400*	80.8	264.9	42,700*	80
	85	75.3	269.7	68,200*	77.5	267.6	57,800*	79.7	263.4	41,700*	85
	90	74.2	268.1	67,200*	76.4	266.0	57,300*	78.6	261.8	40,700*	90
	95	73.0	266.5	62,000	75.2	264.4	56,700*	77.4	260.1	39,800*	95
	100	71.9	264.7	56,900	74.1	262.6	56,200*	76.3	258.3	39,000*	100
	105	70.8	262.8	52,300	73.0	260.7	54,800	75.1	256.3	38,100*	105
	110	69.7	260.8	48,300	71.8	258.6	50,500	74.0	254.3	37,400*	110
	115	68.5	258.7	44,600	70.7	256.5	46,700	72.8	252.1	36,600*	115
	120	67.4	256.5	41,300	69.5	254.3	43,300	71.6	249.8	35,900*	120
	125	66.2	254.1	38,300	68.3	251.9	40,100	70.4	247.4	35,200*	125
	130	65.0	251.6	35,500	67.2	249.4	37,300	69.2	244.8	34,600*	130
	140	62.6	246.2	30,700	64.7	243.9	32,200	66.7	239.3	33,400*	140
	150	60.2	240.3	26,500	62.3	238.0	27,900	64.2	233.2	29,300	150
	160	57.7	233.8	23,000	59.7	231.4	24,200	61.6	226.5	25,400	160
	170	55.1	226.6	19,900	57.1	224.1	21,000	58.9	219.0	22,000	170
	180	52.4	218.7	17,100	54.4	216.1	18,100	56.1	210.8	19,000	180
	190	49.6	210.0	14,700	51.5	207.3	15,600	53.2	201.8	16,400	190
	200	46.7	200.4	12,500	48.6	197.5	13,300	50.2	191.7	14,000	200
	210	43.6	189.7	10,600	45.4	186.6	11,300	46.9	180.4	11,800	210
	220	40.3	177.7	8,800	42.1	174.5	9,400				220
230	36.7	164.2	7,200	38.5	160.6	7,700				230	
240	32.8	148.6	5,700	34.5	144.7	6,200				240	
250	28.4	130.3	4,400							250	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
220	65	80.0	285.1	72,600* ^b							65
	70	78.9	284.0	71,600* ^b							70
	75	77.9	282.8	70,500*	80.1	280.7	59,300*				75
	80	76.9	281.5	69,600*	79.0	279.4	58,700*				80
	85	75.8	280.1	68,600*	77.9	278.0	58,100*	80.1	273.8	42,000*	85
	90	74.7	278.6	67,200	76.9	276.5	57,500*	79.0	272.2	41,100*	90
	95	73.7	277.0	61,400	75.8	274.9	57,000*	77.9	270.6	40,200*	95
	100	72.6	275.3	56,200	74.7	273.2	56,400*	76.8	268.8	39,300*	100
	105	71.5	273.5	51,600	73.6	271.3	54,200	75.7	267.0	38,500*	105
	110	70.4	271.6	47,600	72.5	269.4	49,900	74.6	265.0	37,800*	110
	115	69.3	269.6	43,900	71.4	267.4	46,100	73.5	262.9	37,000*	115
	120	68.2	267.4	40,500	70.3	265.2	42,600	72.3	260.7	36,300*	120
	125	67.1	265.1	37,500	69.2	262.9	39,500	71.2	258.4	35,700*	125
	130	66.0	262.8	34,800	68.0	260.5	36,600	70.0	256.0	35,000*	130
	140	63.7	257.6	29,900	65.7	255.4	31,600	67.7	250.7	33,200	140
	150	61.4	252.0	25,800	63.4	249.7	27,200	65.3	244.9	28,700	150
	160	59.0	245.8	22,200	61.0	243.4	23,500	62.8	238.5	24,800	160
	170	56.5	239.0	19,100	58.5	236.5	20,300	60.3	231.5	21,400	170
	180	54.0	231.5	16,300	55.9	229.0	17,400	57.6	223.8	18,400	180
	190	51.3	223.4	13,900	53.3	220.7	14,900	54.9	215.3	15,700	190
	200	48.6	214.3	11,700	50.5	211.6	12,600	52.1	205.9	13,300	200
	210	45.7	204.4	9,800	47.6	201.5	10,500	49.1	195.5	11,200	210
	220	42.7	193.4	8,000	44.5	190.3	8,700	45.9	183.9	9,200	220
	230	39.5	181.1	6,400	41.2	177.8	7,000				230
240	36.0	167.3	4,900	37.7	163.6	5,400				240	
230	65	80.3	295.3	73,000* ^b							65
	70	79.3	294.3	71,900* ^b							70
	75	78.3	293.1	70,900*	80.4	291.0	59,500*				75
	80	77.3	291.9	70,000*	79.4	289.8	58,900*				80
	85	76.3	290.5	69,100*	78.4	288.4	58,300*	80.5	284.1	42,400*	85
	90	75.3	289.1	66,500	77.3	286.9	57,800*	79.4	282.6	41,400*	90
	95	74.2	287.5	60,700	76.3	285.4	57,200*	78.4	281.1	40,600*	95
	100	73.2	285.9	55,600	75.3	283.7	56,700*	77.3	279.4	39,700*	100
	105	72.2	284.1	51,000	74.2	282.0	53,600	76.2	277.6	38,900*	105
	110	71.1	282.3	46,900	73.2	280.1	49,300	75.2	275.7	38,200*	110
	115	70.1	280.3	43,200	72.1	278.1	45,500	74.1	273.7	37,400*	115
	120	69.0	278.3	39,900	71.0	276.1	42,000	73.0	271.6	36,800*	120
	125	67.9	276.1	36,800	70.0	273.9	38,900	71.9	269.4	36,100*	125
	130	66.9	273.8	34,100	68.9	271.6	36,000	70.8	267.0	35,500*	130
	140	64.7	268.9	29,200	66.7	266.6	30,900	68.5	262.0	32,600	140
	150	62.4	263.5	25,000	64.4	261.2	26,600	66.3	256.5	28,100	150
	160	60.2	257.6	21,500	62.1	255.2	22,900	63.9	250.4	24,200	160
	170	57.8	251.2	18,400	59.7	248.7	19,600	61.5	243.7	20,800	170
	180	55.4	244.1	15,600	57.3	241.5	16,700	59.0	236.4	17,800	180
	190	52.9	236.4	13,200	54.8	233.7	14,200	56.4	228.4	15,100	190
	200	50.4	227.9	11,000	52.2	225.2	11,900	53.8	219.6	12,700	200
	210	47.7	218.6	9,000	49.5	215.8	9,900	51.0	209.9	10,600	210
	220	44.9	208.4	7,300	46.6	205.4	8,000	48.0	199.3	8,600	220
	230	41.9	197.1	5,700	43.6	193.9	6,300				230
240	38.8	184.5	4,200	40.4	181.1	4,800				240	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	
2 4 0	65	80.7	305.5	73,300* ^b							65
	70	79.7	304.5	72,300* ^b							70
	75	78.7	303.4	71,300* ^b	80.7	301.3	59,700*				75
	80	77.7	302.2	70,400*	79.8	300.1	59,100*				80
	85	76.8	300.9	69,500*	78.8	298.7	58,500*	80.8	294.4	42,700*	85
	90	75.8	299.5	65,900	77.8	297.3	58,000*	79.8	293.0	41,800*	90
	95	74.8	298.0	60,000	76.8	295.8	57,500*	78.8	291.5	40,900*	95
	100	73.8	296.4	54,900	75.8	294.2	57,000*	77.8	289.9	40,100*	100
	105	72.8	294.7	50,300	74.8	292.6	53,000	76.7	288.2	39,300*	105
	110	71.8	293.0	46,200	73.8	290.8	48,700	75.7	286.3	38,500*	110
	115	70.8	291.1	42,500	72.7	288.9	44,900	74.7	284.4	37,800*	115
	120	69.7	289.1	39,100	71.7	286.9	41,400	73.6	282.4	37,100*	120
	125	68.7	287.0	36,100	70.7	284.8	38,200	72.6	280.3	36,500*	125
	130	67.7	284.8	33,300	69.6	282.6	35,300	71.5	278.0	35,900*	130
	140	65.6	280.1	28,400	67.5	277.8	30,300	69.3	273.2	32,000	140
	150	63.5	275.0	24,300	65.4	272.6	25,900	67.1	267.9	27,500	150
	160	61.3	269.3	20,700	63.2	266.9	22,200	64.9	262.1	23,600	160
	170	59.0	263.1	17,600	60.9	260.7	18,900	62.6	255.7	20,100	170
	180	56.7	256.4	14,800	58.6	253.9	16,000	60.3	248.8	17,100	180
	190	54.4	249.1	12,400	56.2	246.5	13,500	57.8	241.2	14,500	190
	200	52.0	241.1	10,200	53.7	238.4	11,200	55.3	232.9	12,100	200
	210	49.4	232.3	8,200	51.2	229.5	9,100	52.7	223.9	9,900	210
	220	46.8	222.8	6,500	48.5	219.9	7,300	50.0	213.9	7,900	220
	230	44.1	212.3	4,900	45.7	209.2	5,600	47.1	202.9	6,100	230
240				42.8	197.4	4,000				240	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	55	80.2	215.6	51,500*							55
	60	78.8	214.4	50,400*							60
	65	77.4	213.0	49,400*							65
	70	76.0	211.5	48,400*	79.8	209.3	44,000*				70
	75	74.5	209.9	47,400*	78.4	207.7	43,200*				75
	80	73.1	208.1	46,500*	76.9	205.9	42,500*	80.9	201.3	33,900*	80
	85	71.7	206.2	45,600*	75.5	203.9	41,800*	79.4	199.3	32,800*	85
	90	70.2	204.1	44,800*	74.0	201.8	41,100*	77.9	197.1	31,700*	90
	95	68.7	201.9	44,000*	72.5	199.6	40,500*	76.3	194.8	30,800*	95
	100	67.2	199.5	43,200*	71.0	197.2	39,900*	74.8	192.3	29,900*	100
	105	65.7	197.0	42,500*	69.5	194.6	39,300*	73.2	189.7	29,000*	105
	110	64.2	194.3	41,800*	67.9	191.8	38,700*	71.6	186.9	28,300*	110
	115	62.6	191.4	41,100*	66.3	188.9	38,200*	70.0	183.9	27,500*	115
	120	61.0	188.3	40,500*	64.7	185.8	37,700*	68.3	180.7	26,800*	120
	125	59.4	185.0	39,800*	63.1	182.5	37,200*	66.6	177.2	26,200*	125
	130	57.7	181.5	39,200*	61.4	178.9	36,800*	64.9	173.6	25,600*	130
	140	54.3	173.9	37,200	57.9	171.2	34,900*	61.3	165.6	24,400*	140
	150	50.8	165.3	33,100	54.3	162.4	33,000*	57.5	156.4	23,500*	150
160	47.0	155.4	29,600	50.4	152.3	30,500	53.5	145.9	22,600*	160	
170	42.9	144.1	26,500	46.2	140.8	27,300	49.1	133.8	21,800*	170	
180	38.4	131.0	23,800	41.6	127.2	24,400				180	
190	33.4	115.3	21,300	36.4	111.0	21,800				190	
140	55	80.6	225.9	51,900*							55
	60	79.3	224.7	50,800*							60
	65	78.0	223.4	49,800*							65
	70	76.6	222.0	48,800*	80.3	219.7	44,200*				70
	75	75.3	220.4	47,900*	79.0	218.1	43,500*				75
	80	73.9	218.7	47,000*	77.6	216.4	42,800*				80
	85	72.5	216.9	46,200*	76.2	214.6	42,100*	79.9	209.8	33,100*	85
	90	71.1	214.9	45,400*	74.8	212.6	41,500*	78.5	207.8	32,100*	90
	95	69.7	212.8	44,600*	73.4	210.5	40,800*	77.0	205.6	31,200*	95
	100	68.3	210.6	43,800*	71.9	208.2	40,200*	75.6	203.3	30,300*	100
	105	66.9	208.2	43,100*	70.5	205.7	39,700*	74.1	200.8	29,500*	105
	110	65.4	205.6	42,400*	69.0	203.2	39,100*	72.6	198.1	28,700*	110
	115	64.0	202.9	41,700*	67.5	200.4	38,600*	71.0	195.3	28,000*	115
	120	62.5	200.0	41,100*	66.0	197.5	38,100*	69.5	192.3	27,300*	120
	125	61.0	196.9	40,500*	64.5	194.4	37,600*	67.9	189.1	26,700*	125
	130	59.4	193.7	39,900*	62.9	191.1	37,200*	66.3	185.7	26,100*	130
	140	56.3	186.6	36,500	59.7	183.8	36,000*	63.0	178.2	24,900*	140
	150	52.9	178.6	32,300	56.3	175.7	33,500	59.5	169.8	23,900*	150
160	49.5	169.6	28,800	52.8	166.5	29,800	55.8	160.3	23,100*	160	
170	45.8	159.3	25,700	49.0	156.1	26,600	51.9	149.4	22,300*	170	
180	41.8	147.6	22,900	44.9	144.1	23,700	47.6	136.8	21,600*	180	
190	37.4	134.1	20,500	40.5	130.1	21,100				190	
200	32.5	117.9	18,300	35.4	113.3	18,800				200	
150	60	79.8	235.0	51,200*							60
	65	78.5	233.7	50,200*							65
	70	77.2	232.4	49,300*	80.8	230.0	44,500*				70
	75	75.9	230.9	48,300*	79.5	228.5	43,700*				75
	80	74.6	229.3	47,500*	78.1	226.9	43,100*				80
	85	73.3	227.5	46,600*	76.8	225.2	42,400*	80.4	220.3	33,500*	85
	90	72.0	225.7	45,800*	75.5	223.3	41,800*	79.0	218.4	32,500*	90
	95	70.7	223.7	45,100*	74.1	221.3	41,200*	77.6	216.3	31,600*	95
	100	69.3	221.5	44,300*	72.8	219.1	40,600*	76.3	214.1	30,800*	100
	105	68.0	219.3	43,600*	71.4	216.8	40,000*	74.8	211.8	29,900*	105
	110	66.6	216.8	42,900*	70.0	214.3	39,500*	73.4	209.3	29,200*	110
	115	65.2	214.3	42,300*	68.6	211.7	39,000*	72.0	206.6	28,500*	115
	120	63.8	211.5	41,600*	67.2	209.0	38,500*	70.5	203.7	27,800*	120
	125	62.4	208.7	41,000*	65.7	206.1	38,000*	69.0	200.7	27,100*	125
	130	60.9	205.6	40,400*	64.3	202.9	37,600*	67.5	197.5	26,500*	130
	140	58.0	198.9	35,800	61.3	196.2	36,700*	64.4	190.6	25,400*	140
	150	54.9	191.5	31,600	58.1	188.6	32,900	61.2	182.8	24,400*	150
	160	51.6	183.1	28,100	54.9	180.1	29,200	57.8	174.0	23,500*	160
170	48.3	173.7	25,000	51.4	170.6	26,000	54.2	164.1	22,700*	170	
180	44.7	163.1	22,200	47.7	159.8	23,100	50.4	152.7	22,000*	180	
190	40.8	151.1	19,800	43.7	147.4	20,500	46.2	139.7	21,100	190	
200	36.5	137.1	17,600	39.4	133.0	18,200				200	
210	31.7	120.4	15,600	34.4	115.7	16,100				210	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
160	60	80.2	245.2	51,500*							60
	65	79.0	244.0	50,600*							65
	70	77.8	242.7	49,600*							70
	75	76.5	241.3	48,800*	79.9	238.9	44,000*				75
	80	75.3	239.8	47,900*	78.7	237.4	43,300*				80
	85	74.0	238.1	47,100*	77.4	235.7	42,700*	80.8	230.8	33,800*	85
	90	72.8	236.3	46,300*	76.1	233.9	42,100*	79.5	229.0	32,900*	90
	95	71.5	234.4	45,600*	74.8	232.0	41,500*	78.2	227.0	32,000*	95
	100	70.2	232.4	44,800*	73.6	229.9	40,900*	76.9	224.9	31,100*	100
	105	68.9	230.2	44,100*	72.2	227.7	40,400*	75.5	222.6	30,300*	105
	110	67.6	227.9	43,500*	70.9	225.4	39,800*	74.2	220.3	29,600*	110
	115	66.3	225.5	42,800*	69.6	222.9	39,300*	72.8	217.7	28,900*	115
	120	65.0	222.9	42,200*	68.2	220.3	38,800*	71.4	215.0	28,200*	120
	125	63.6	220.2	41,600*	66.9	217.6	38,400*	70.0	212.2	27,600*	125
	130	62.3	217.3	39,800	65.5	214.6	37,900*	68.6	209.2	27,000*	130
	140	59.5	211.0	35,000	62.7	208.3	36,600	65.7	202.7	25,900*	140
	150	56.6	204.0	30,800	59.7	201.2	32,200	62.7	195.4	24,900*	150
	160	53.6	196.2	27,300	56.7	193.3	28,500	59.5	187.2	24,000*	160
	170	50.4	187.6	24,100	53.5	184.4	25,200	56.2	178.0	23,200*	170
	180	47.1	177.8	21,400	50.1	174.5	22,400	52.7	167.7	22,500*	180
190	43.6	166.9	19,000	46.5	163.3	19,800	49.0	156.0	20,500	190	
200	39.8	154.4	16,800	42.6	150.6	17,500				200	
210	35.7	140.0	14,800	38.4	135.7	15,400				210	
220	31.0	122.9	13,000							220	
170	60	80.6	255.5	51,800*							60
	65	79.4	254.3	50,900*							65
	70	78.3	253.1	50,000*							70
	75	77.1	251.7	49,200*	80.3	249.3	44,200*				75
	80	75.9	250.2	48,300*	79.1	247.8	43,600*				80
	85	74.7	248.7	47,500*	77.9	246.2	43,000*				85
	90	73.5	247.0	46,800*	76.7	244.5	42,400*	80.0	239.5	33,200*	90
	95	72.3	245.1	46,000*	75.5	242.6	41,800*	78.7	237.6	32,300*	95
	100	71.1	243.2	45,300*	74.3	240.7	41,200*	77.5	235.6	31,500*	100
	105	69.8	241.1	44,600*	73.0	238.6	40,700*	76.2	233.4	30,700*	105
	110	68.6	239.0	43,900*	71.8	236.4	40,200*	74.9	231.2	30,000*	110
	115	67.3	236.6	43,300*	70.5	234.0	39,700*	73.6	228.8	29,300*	115
	120	66.1	234.2	42,700*	69.2	231.6	39,200*	72.3	226.2	28,600*	120
	125	64.8	231.6	42,000	67.9	228.9	38,700*	71.0	223.5	28,000*	125
	130	63.5	228.8	39,300	66.6	226.1	38,300*	69.6	220.7	27,400*	130
	140	60.8	222.9	34,400	63.9	220.1	36,100	66.9	214.5	26,300*	140
	150	58.1	216.3	30,300	61.1	213.5	31,800	64.0	207.6	25,300*	150
	160	55.3	209.0	26,700	58.3	206.0	28,000	61.1	200.0	24,400*	160
	170	52.4	200.9	23,600	55.3	197.8	24,800	58.0	191.5	23,600*	170
	180	49.3	191.9	20,800	52.2	188.6	21,900	54.8	182.0	22,800	180
190	46.1	181.8	18,400	48.9	178.4	19,300	51.3	171.3	20,100	190	
200	42.6	170.5	16,200	45.4	166.8	17,000	47.7	159.2	17,700	200	
210	38.9	157.7	14,300	41.6	153.7	14,900				210	
220	34.9	142.9	12,500	37.4	138.4	13,000				220	
230	30.3	125.3	10,900							230	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	60	81.0	265.7	52,100*							60
	65	79.8	264.6	51,200*							65
	70	78.7	263.4	50,400*							70
	75	77.6	262.1	49,500*	80.7	259.6	44,400*				75
	80	76.5	260.7	48,700*	79.6	258.2	43,800*				80
	85	75.3	259.1	47,900*	78.4	256.6	43,200*				85
	90	74.2	257.5	47,200*	77.3	255.0	42,600*	80.4	249.9	33,500*	90
	95	73.0	255.8	46,400*	76.1	253.2	42,000*	79.2	248.1	32,700*	95
	100	71.8	253.9	45,700*	74.9	251.4	41,500*	78.0	246.2	31,900*	100
	105	70.7	252.0	45,100*	73.7	249.4	41,000*	76.8	244.2	31,100*	105
	110	69.5	249.9	44,400*	72.5	247.3	40,500*	75.5	242.0	30,400*	110
	115	68.3	247.6	43,800*	71.3	245.0	40,000*	74.3	239.7	29,700*	115
	120	67.1	245.3	43,200*	70.1	242.7	39,500*	73.1	237.3	29,000*	120
	125	65.8	242.8	41,300	68.8	240.2	39,100*	71.8	234.7	28,400*	125
	130	64.6	240.2	38,500	67.6	237.5	38,600*	70.5	232.0	27,800*	130
	140	62.1	234.6	33,600	65.1	231.8	35,400	67.9	226.2	26,700*	140
	150	59.5	228.4	29,500	62.4	225.5	31,100	65.2	219.7	25,700*	150
	160	56.9	221.5	25,900	59.7	218.5	27,300	62.5	212.5	24,800*	160
	170	54.1	213.9	22,800	57.0	210.8	24,100	59.6	204.5	24,000*	170
	180	51.2	205.4	20,000	54.0	202.2	21,200	56.6	195.7	22,200	180
	190	48.3	196.1	17,600	51.0	192.7	18,600	53.4	185.9	19,500	190
	200	45.1	185.7	15,400	47.8	182.2	16,300	50.1	174.8	17,100	200
	210	41.7	174.1	13,500	44.3	170.3	14,200	46.5	162.4	14,900	210
	220	38.1	160.9	11,700	40.6	156.7	12,300				220
230	34.1	145.7	10,100	36.5	141.1	10,600				230	
240	29.6	127.7	8,600							240	
190	65	80.2	274.8	51,500*							65
	70	79.1	273.7	50,700*							70
	75	78.1	272.4	49,900*							75
	80	77.0	271.1	49,100*	80.0	268.5	44,000*				80
	85	75.9	269.6	48,300*	78.9	267.1	43,400*				85
	90	74.8	268.0	47,600*	77.7	265.5	42,800*	80.8	260.3	33,800*	90
	95	73.7	266.4	46,800*	76.6	263.8	42,300*	79.6	258.6	33,000*	95
	100	72.5	264.6	46,200*	75.5	262.0	41,800*	78.5	256.8	32,200*	100
	105	71.4	262.7	45,500*	74.4	260.1	41,300*	77.3	254.8	31,400*	105
	110	70.3	260.7	44,800*	73.2	258.1	40,800*	76.1	252.8	30,700*	110
	115	69.1	258.6	44,200*	72.0	255.9	40,300*	75.0	250.6	30,000*	115
	120	68.0	256.3	43,600*	70.9	253.7	39,800*	73.8	248.3	29,400*	120
	125	66.8	254.0	40,600	69.7	251.3	39,400*	72.6	245.8	28,800*	125
	130	65.6	251.5	37,800	68.5	248.8	38,900*	71.3	243.3	28,200*	130
	140	63.2	246.1	33,000	66.1	243.3	34,900	68.9	237.7	27,100*	140
	150	60.8	240.2	28,800	63.6	237.3	30,500	66.3	231.5	26,100*	150
	160	58.3	233.7	25,200	61.1	230.7	26,700	63.7	224.7	25,200*	160
	170	55.7	226.5	22,100	58.4	223.5	23,400	61.0	217.3	24,400*	170
	180	53.0	218.6	19,300	55.7	215.4	20,500	58.2	209.0	21,700	180
	190	50.2	209.9	16,900	52.9	206.6	18,000	55.2	199.8	19,000	190
	200	47.3	200.2	14,700	49.9	196.8	15,700	52.1	189.7	16,500	200
	210	44.2	189.5	12,700	46.7	185.8	13,600	48.9	178.3	14,300	210
	220	40.9	177.6	11,000	43.4	173.6	11,700				220
	230	37.3	164.0	9,300	39.7	159.7	10,000				230
240	33.4	148.4	7,800	35.7	143.6	8,400				240	
250	29.0	130.1	6,500							250	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	65	80.6	285.0	51,800*							65
	70	79.5	283.9	51,000*							70
	75	78.5	282.7	50,200*							75
	80	77.4	281.4	49,400*	80.3	278.9	44,200*				80
	85	76.4	280.0	48,700*	79.3	277.4	43,600*				85
	90	75.3	278.5	47,900*	78.2	275.9	43,100*				90
	95	74.3	276.9	47,200*	77.1	274.3	42,500*	80.0	269.1	33,300*	95
	100	73.2	275.2	46,600*	76.0	272.6	42,000*	78.9	267.3	32,500*	100
	105	72.1	273.4	45,900*	74.9	270.8	41,500*	77.8	265.4	31,700*	105
	110	71.0	271.5	45,300*	73.8	268.8	41,000*	76.7	263.5	31,000*	110
	115	69.9	269.4	44,600*	72.7	266.8	40,600*	75.5	261.4	30,400*	115
	120	68.8	267.3	42,900	71.6	264.6	40,100*	74.4	259.2	29,700*	120
	125	67.7	265.0	39,900	70.5	262.3	39,700*	73.2	256.8	29,100*	125
	130	66.6	262.7	37,100	69.4	259.9	39,200*	72.1	254.4	28,500*	130
	140	64.3	257.5	32,200	67.0	254.7	34,200	69.7	249.1	27,500*	140
	150	61.9	251.9	28,000	64.7	249.0	29,800	67.3	243.2	26,500*	150
	160	59.6	245.7	24,400	62.3	242.7	26,100	64.8	236.8	25,600*	160
	170	57.1	238.9	21,300	59.8	235.8	22,700	62.3	229.7	24,200	170
	180	54.6	231.4	18,500	57.2	228.3	19,800	59.6	221.9	21,100	180
	190	51.9	223.2	16,100	54.5	220.0	17,300	56.9	213.3	18,400	190
200	49.2	214.2	13,900	51.7	210.8	14,900	54.0	203.9	15,900	200	
210	46.3	204.3	11,900	48.8	200.7	12,900	51.0	193.4	13,700	210	
220	43.3	193.3	10,100	45.7	189.5	11,000	47.7	181.7	11,700	220	
230	40.1	181.0	8,500	42.4	176.9	9,200				230	
240	36.6	167.1	7,000	38.9	162.6	7,600				240	
250	32.8	151.2	5,700	34.9	146.2	6,200				250	
260	28.4	132.4	4,400							260	
210	65	80.9	295.2	52,100*							65
	70	79.9	294.2	51,300*							70
	75	78.9	293.0	50,500*							75
	80	77.9	291.8	49,700*	80.7	289.2	44,400*				80
	85	76.9	290.4	49,000*	79.7	287.8	43,800*				85
	90	75.8	289.0	48,300*	78.6	286.3	43,300*				90
	95	74.8	287.4	47,600*	77.6	284.8	42,800*	80.4	279.5	33,500*	95
	100	73.8	285.8	46,900*	76.5	283.1	42,300*	79.3	277.8	32,800*	100
	105	72.7	284.0	46,300*	75.5	281.4	41,800*	78.3	276.0	32,000*	105
	110	71.7	282.2	45,700*	74.4	279.5	41,300*	77.2	274.1	31,300*	110
	115	70.6	280.2	45,100*	73.4	277.5	40,800*	76.1	272.1	30,700*	115
	120	69.6	278.2	42,600	72.3	275.5	40,400*	75.0	270.0	30,100*	120
	125	68.5	276.0	39,500	71.2	273.3	39,900*	73.9	267.7	29,500*	125
	130	67.4	273.7	36,800	70.1	271.0	39,100	72.8	265.4	28,900*	130
	140	65.2	268.8	31,900	67.9	266.0	33,900	70.5	260.3	27,800*	140
	150	63.0	263.4	27,700	65.7	260.6	29,600	68.2	254.7	26,800*	150
	160	60.7	257.5	24,100	63.4	254.6	25,800	65.8	248.6	25,900*	160
	170	58.4	251.0	21,000	61.0	248.0	22,500	63.4	241.9	23,900	170
	180	56.0	244.0	18,200	58.5	240.8	19,600	60.9	234.5	20,900	180
	190	53.5	236.2	15,800	56.0	233.0	17,000	58.3	226.4	18,100	190
200	50.9	227.8	13,600	53.4	224.4	14,700	55.6	217.6	15,700	200	
210	48.2	218.5	11,600	50.7	215.0	12,600	52.8	207.8	13,500	210	
220	45.4	208.2	9,800	47.8	204.6	10,700	49.8	197.0	11,500	220	
230	42.5	196.9	8,200	44.8	193.0	9,000	46.7	185.0	9,600	230	
240	39.3	184.3	6,700	41.6	180.1	7,400				240	
250	35.9	170.1	5,400	38.1	165.5	5,900				250	
260	32.1	153.8	4,100	34.2	148.7	4,600				260	

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
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M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
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80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
220	70	80.2	304.4	51,600*							70
	75	79.3	303.3	50,800*							75
	80	78.3	302.1	50,000*							80
	85	77.3	300.8	49,300*	80.0	298.1	44,000*				85
	90	76.3	299.4	48,600*	79.0	296.7	43,500*				90
	95	75.3	297.9	47,900*	78.0	295.2	43,000*	80.7	289.9	33,800*	95
	100	74.3	296.3	47,300*	77.0	293.6	42,500*	79.7	288.3	33,000*	100
	105	73.3	294.6	46,700*	76.0	291.9	42,000*	78.7	286.5	32,300*	105
	110	72.3	292.8	46,000*	75.0	290.1	41,500*	77.6	284.7	31,600*	110
	115	71.3	291.0	45,300	74.0	288.3	41,100*	76.6	282.8	31,000*	115
	120	70.3	289.0	41,900	72.9	286.3	40,600*	75.5	280.7	30,400*	120
	125	69.3	286.9	38,800	71.9	284.2	40,200*	74.5	278.6	29,800*	125
	130	68.2	284.7	36,000	70.8	281.9	38,500	73.4	276.3	29,200*	130
	140	66.1	280.0	31,100	68.7	277.2	33,300	71.2	271.5	28,100*	140
	150	64.0	274.8	26,900	66.6	272.0	28,900	69.0	266.1	27,200*	150
	160	61.8	269.2	23,300	64.4	266.2	25,100	66.8	260.3	26,300*	160
	170	59.6	263.0	20,200	62.1	260.0	21,800	64.5	253.9	23,400	170
	180	57.3	256.3	17,400	59.8	253.2	18,900	62.1	246.9	20,300	180
	190	54.9	248.9	15,000	57.4	245.7	16,300	59.6	239.2	17,500	190
	200	52.5	240.9	12,800	54.9	237.6	14,000	57.1	230.9	15,100	200
210	50.0	232.2	10,800	52.4	228.7	11,900	54.5	221.7	12,900	210	
220	47.4	222.6	9,000	49.7	219.0	10,000	51.7	211.7	10,800	220	
230	44.6	212.1	7,400	46.9	208.3	8,300	48.8	200.6	9,000	230	
240	41.7	200.5	5,900	43.9	196.5	6,700				240	
250	38.6	187.6	4,600	40.7	183.3	5,200				250	
230	70	80.6	314.6	51,800*							70
	75	79.6	313.5	51,100*							75
	80	78.7	312.4	50,300*							80
	85	77.7	311.1	49,600*	80.3	308.4	44,200*				85
	90	76.8	309.8	48,900*	79.4	307.1	43,700*				90
	95	75.8	308.3	48,300*	78.4	305.6	43,200*				95
	100	74.9	306.8	47,600*	77.5	304.1	42,700*	80.1	298.7	33,300*	100
	105	73.9	305.2	47,000*	76.5	302.5	42,200*	79.1	297.0	32,600*	105
	110	72.9	303.5	46,400*	75.5	300.7	41,800*	78.1	295.3	31,900*	110
	115	71.9	301.7	44,600	74.5	298.9	41,300*	77.1	293.4	31,300*	115
	120	71.0	299.7	41,200	73.5	297.0	40,900*	76.1	291.4	30,700*	120
	125	70.0	297.7	38,200	72.5	295.0	40,500*	75.0	289.4	30,100*	125
	130	69.0	295.6	35,400	71.5	292.8	37,900	74.0	287.2	29,500*	130
	140	67.0	291.1	30,400	69.5	288.3	32,700	71.9	282.5	28,500*	140
	150	64.9	286.2	26,300	67.4	283.3	28,300	69.8	277.4	27,500*	150
	160	62.8	280.7	22,600	65.3	277.8	24,500	67.6	271.8	26,300	160
	170	60.7	274.8	19,500	63.1	271.8	21,200	65.4	265.7	22,800	170
	180	58.5	268.4	16,700	60.9	265.3	18,300	63.2	259.0	19,700	180
	190	56.3	261.4	14,300	58.6	258.2	15,700	60.8	251.8	17,000	190
	200	53.9	253.8	12,100	56.3	250.5	13,300	58.4	243.9	14,500	200
210	51.6	245.6	10,100	53.9	242.2	11,200	56.0	235.3	12,300	210	
220	49.1	236.6	8,300	51.4	233.0	9,300	53.4	225.8	10,300	220	
230	46.5	226.7	6,700	48.8	223.0	7,600	50.6	215.5	8,400	230	
240	43.8	215.9	5,200	46.0	212.0	6,000	47.8	204.1	6,700	240	
250				43.1	199.9	4,600				250	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	60	80.1	235.0	40,500*							60
	65	78.9	233.8	39,600*							65
	70	77.6	232.4	38,800*							70
	75	76.3	231.0	38,000*	80.8	228.6	34,500*				75
	80	75.0	229.3	37,300*	79.4	227.0	33,900*				80
	85	73.7	227.6	36,500*	78.1	225.2	33,200*				85
	90	72.4	225.7	35,800*	76.8	223.3	32,500*				90
	95	71.0	223.8	35,100*	75.4	221.3	31,800*	80.3	216.6	26,800*	95
	100	69.7	221.6	34,400*	74.1	219.1	31,200*	78.9	214.5	26,100*	100
	105	68.3	219.3	33,800*	72.7	216.8	30,500*	77.5	212.1	25,400*	105
	110	67.0	216.9	33,100*	71.3	214.4	29,900*	76.1	209.6	24,600*	110
	115	65.6	214.4	32,300*	69.9	211.8	29,300*	74.6	207.0	24,000*	115
	120	64.2	211.6	31,700*	68.5	209.0	28,800*	73.2	204.2	23,300*	120
	125	62.7	208.7	31,000*	67.0	206.1	28,200*	71.7	201.2	22,700*	125
	130	61.3	205.7	30,300*	65.6	203.0	27,700*	70.2	198.1	22,100*	130
	140	58.3	199.0	29,100*	62.6	196.2	26,700*	67.1	191.2	21,100*	140
	150	55.2	191.6	27,900*	59.4	188.7	25,700*	63.9	183.5	20,100*	150
	160	52.0	183.2	26,800*	56.2	180.2	24,800*	60.5	174.8	19,300*	160
	170	48.6	173.8	25,800*	52.7	170.6	24,100*	56.9	165.0	18,500*	170
	180	45.0	163.3	24,500	49.0	159.8	23,200*	53.1	153.9	17,800*	180
	190	41.2	151.2	22,000	45.1	147.4	22,100*	49.0	141.0	17,200*	190
200	36.9	137.2	19,900	40.7	133.0	20,500				200	
210	32.1	120.6	17,900	35.7	115.8	18,400				210	
140	60	80.5	245.3	40,800*							60
	65	79.3	244.1	39,900*							65
	70	78.1	242.8	39,100*							70
	75	76.9	241.4	38,400*							75
	80	75.6	239.8	37,600*	79.9	237.4	34,100*				80
	85	74.4	238.2	36,900*	78.6	235.7	33,500*				85
	90	73.1	236.4	36,200*	77.4	233.9	32,800*				90
	95	71.9	234.5	35,600*	76.1	232.0	32,100*	80.7	227.2	26,900*	95
	100	70.6	232.5	34,900*	74.8	229.9	31,500*	79.4	225.1	26,500*	100
	105	69.3	230.3	34,200*	73.5	227.8	30,900*	78.1	222.9	25,700*	105
	110	68.0	228.0	33,600*	72.2	225.4	30,300*	76.7	220.5	25,000*	110
	115	66.7	225.6	32,900*	70.8	223.0	29,700*	75.4	218.0	24,300*	115
	120	65.3	223.0	32,200*	69.5	220.3	29,200*	74.0	215.4	23,700*	120
	125	64.0	220.3	31,600*	68.1	217.6	28,600*	72.6	212.6	23,100*	125
	130	62.6	217.4	30,900*	66.7	214.6	28,100*	71.2	209.6	22,500*	130
	140	59.8	211.1	29,700*	63.9	208.3	27,100*	68.3	203.1	21,500*	140
	150	56.9	204.1	28,500*	61.0	201.2	26,200*	65.3	195.9	20,500*	150
	160	53.9	196.3	27,400*	57.9	193.3	25,300*	62.1	187.8	19,700*	160
	170	50.8	187.6	26,400*	54.7	184.5	24,500*	58.8	178.8	18,900*	170
	180	47.5	177.9	23,700	51.4	174.5	23,800*	55.3	168.6	18,200*	180
	190	44.0	167.0	21,200	47.8	163.4	22,200	51.6	157.1	17,600*	190
200	40.2	154.5	19,100	43.9	150.6	19,800	47.5	143.8	17,100*	200	
210	36.0	140.1	17,100	39.6	135.7	17,800				210	
220	31.3	123.1	15,300	34.7	118.0	15,800				220	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	60	80.9	255.5	41,000*							60
	65	79.8	254.4	40,200*							65
	70	78.6	253.1	39,500*							70
	75	77.4	251.8	38,700*							75
	80	76.2	250.3	38,000*	80.3	247.8	34,300*				80
	85	75.0	248.7	37,300*	79.1	246.2	33,700*				85
	90	73.8	247.0	36,600*	77.9	244.5	33,100*				90
	95	72.6	245.2	36,000*	76.7	242.6	32,400*				95
	100	71.4	243.3	35,300*	75.4	240.7	31,800*	79.9	235.7	26,600*	100
	105	70.2	241.2	34,700*	74.2	238.6	31,200*	78.6	233.6	26,000*	105
	110	68.9	239.0	34,100*	72.9	236.4	30,700*	77.3	231.3	25,300*	110
	115	67.7	236.7	33,400*	71.7	234.0	30,100*	76.0	229.0	24,600*	115
	120	66.4	234.2	32,800*	70.4	231.5	29,500*	74.7	226.5	24,000*	120
	125	65.1	231.6	32,100*	69.1	228.9	29,000*	73.4	223.8	23,400*	125
	130	63.8	228.9	31,500*	67.8	226.1	28,500*	72.1	221.0	22,900*	130
	140	61.2	223.0	30,300*	65.1	220.1	27,500*	69.3	214.9	21,800*	140
	150	58.5	216.4	29,100*	62.3	213.4	26,600*	66.5	208.1	20,900*	150
	160	55.6	209.1	28,000*	59.5	206.0	25,700*	63.5	200.5	20,000*	160
	170	52.7	201.0	25,700	56.5	197.8	24,900*	60.5	192.1	19,300*	170
	180	49.6	192.0	22,900	53.4	188.6	24,100	57.2	182.7	18,600*	180
	190	46.4	181.9	20,500	50.1	178.4	21,500	53.8	172.1	18,000*	190
	200	43.0	170.6	18,300	46.6	166.8	19,200	50.2	160.2	17,400*	200
	210	39.3	157.8	16,400	42.8	153.6	17,200	46.2	146.5	16,900*	210
220	35.2	143.0	14,600	38.6	138.4	15,300				220	
230	30.6	125.5	13,000	33.8	120.1	13,500				230	
160	65	80.2	264.6	40,500*							65
	70	79.0	263.4	39,700*							70
	75	77.9	262.1	39,000*							75
	80	76.8	260.7	38,300*	80.7	258.1	34,500*				80
	85	75.6	259.2	37,600*	79.6	256.6	33,900*				85
	90	74.5	257.6	37,000*	78.4	255.0	33,300*				90
	95	73.3	255.8	36,300*	77.2	253.2	32,700*				95
	100	72.2	254.0	35,700*	76.0	251.3	32,100*	80.3	246.2	26,800*	100
	105	71.0	252.0	35,100*	74.9	249.3	31,500*	79.1	244.2	26,300*	105
	110	69.8	249.9	34,500*	73.7	247.2	31,000*	77.9	242.1	25,600*	110
	115	68.6	247.7	33,900*	72.4	245.0	30,400*	76.6	239.8	25,000*	115
	120	67.4	245.4	33,300*	71.2	242.6	29,900*	75.4	237.4	24,300*	120
	125	66.2	242.9	32,600*	70.0	240.1	29,400*	74.1	234.9	23,800*	125
	130	64.9	240.3	32,000*	68.7	237.5	28,800*	72.8	232.2	23,200*	130
	140	62.4	234.7	30,800*	66.2	231.8	27,900*	70.2	226.4	22,200*	140
	150	59.8	228.4	29,700*	63.6	225.5	27,000*	67.6	220.0	21,200*	150
	160	57.2	221.5	28,000	60.9	218.5	26,100*	64.8	212.9	20,400*	160
170	54.4	213.9	24,900	58.1	210.7	25,300*	61.9	205.0	19,600*	170	
180	51.6	205.5	22,100	55.2	202.2	23,400	58.9	196.2	18,900*	180	
190	48.6	196.2	19,700	52.1	192.7	20,800	55.8	186.5	18,300*	190	
200	45.4	185.8	17,500	48.9	182.1	18,500	52.4	175.6	17,700*	200	
210	42.1	174.2	15,600	45.5	170.2	16,400	48.9	163.2	17,200*	210	
220	38.4	161.0	13,800	41.8	156.7	14,500	45.0	149.1	15,300	220	
230	34.5	145.8	12,200	37.7	141.0	12,800				230	
240	30.0	127.9	10,700							240	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	65	80.5	274.9	40,800*							65
	70	79.5	273.7	40,000*							70
	75	78.4	272.5	39,300*							75
	80	77.3	271.1	38,600*							80
	85	76.2	269.7	38,000*	80.0	267.0	34,100*				85
	90	75.1	268.1	37,300*	78.8	265.4	33,600*				90
	95	74.0	266.4	36,700*	77.7	263.7	33,000*				95
	100	72.8	264.7	36,100*	76.6	261.9	32,400*	80.7	256.7	26,900*	100
	105	71.7	262.8	35,500*	75.5	260.0	31,800*	79.5	254.8	26,500*	105
	110	70.6	260.8	34,900*	74.3	258.0	31,300*	78.4	252.7	25,900*	110
	115	69.4	258.6	34,300*	73.1	255.9	30,700*	77.2	250.6	25,300*	115
	120	68.3	256.4	33,800*	72.0	253.6	30,200*	76.0	248.3	24,600*	120
	125	67.1	254.1	33,100*	70.8	251.2	29,700*	74.8	245.9	24,100*	125
	130	65.9	251.6	32,500*	69.6	248.7	29,200*	73.6	243.3	23,500*	130
	140	63.5	246.2	31,400*	67.2	243.3	28,200*	71.1	237.8	22,500*	140
	150	61.1	240.3	30,200*	64.7	237.3	27,400*	68.6	231.7	21,600*	150
	160	58.6	233.7	27,400	62.2	230.7	26,500*	65.9	225.0	20,700*	160
	170	56.0	226.6	24,300	59.5	223.4	25,700*	63.2	217.6	20,000*	170
	180	53.3	218.7	21,600	56.8	215.3	22,900	60.4	209.4	19,300*	180
	190	50.5	210.0	19,100	54.0	206.5	20,400	57.5	200.3	18,600*	190
200	47.6	200.3	17,000	51.0	196.7	18,000	54.4	190.2	18,100*	200	
210	44.5	189.6	15,000	47.8	185.8	16,000	51.1	178.9	17,000	210	
220	41.2	177.6	13,200	44.5	173.5	14,100	47.6	166.2	15,000	220	
230	37.6	164.1	11,600	40.8	159.6	12,300				230	
240	33.7	148.6	10,100	36.8	143.5	10,700				240	
250	29.3	130.2	8,800							250	
180	65	80.9	285.1	41,000*							65
	70	79.8	284.0	40,300*							70
	75	78.8	282.8	39,600*							75
	80	77.7	281.5	38,900*							80
	85	76.7	280.1	38,300*	80.3	277.4	34,300*				85
	90	75.6	278.6	37,600*	79.3	275.8	33,800*				90
	95	74.6	277.0	37,000*	78.2	274.2	33,200*				95
	100	73.5	275.3	36,400*	77.1	272.5	32,700*				100
	105	72.4	273.5	35,800*	76.0	270.7	32,100*	80.0	265.3	26,600*	105
	110	71.3	271.5	35,300*	74.9	268.7	31,600*	78.8	263.4	26,100*	110
	115	70.2	269.5	34,700*	73.8	266.7	31,000*	77.7	261.3	25,500*	115
	120	69.1	267.4	34,200*	72.7	264.5	30,500*	76.6	259.1	24,900*	120
	125	68.0	265.1	33,600*	71.5	262.2	30,000*	75.4	256.8	24,400*	125
	130	66.9	262.7	33,000*	70.4	259.8	29,500*	74.2	254.4	23,800*	130
	140	64.6	257.6	31,800*	68.1	254.6	28,600*	71.9	249.1	22,800*	140
	150	62.2	252.0	30,300	65.7	248.9	27,700*	69.5	243.3	21,900*	150
	160	59.8	245.8	26,700	63.3	242.6	26,900*	67.0	236.9	21,100*	160
	170	57.4	238.9	23,500	60.8	235.7	25,200	64.4	229.9	20,300*	170
	180	54.9	231.5	20,800	58.2	228.2	22,300	61.8	222.2	19,600*	180
	190	52.2	223.3	18,300	55.6	219.9	19,700	59.0	213.7	19,000*	190
200	49.5	214.3	16,200	52.8	210.7	17,400	56.1	204.3	18,400*	200	
210	46.6	204.4	14,200	49.9	200.6	15,300	53.1	193.9	16,400	210	
220	43.6	193.4	12,400	46.8	189.3	13,400	49.9	182.3	14,400	220	
230	40.4	181.1	10,800	43.5	176.8	11,600	46.5	169.2	12,500	230	
240	36.9	167.2	9,300	39.9	162.5	10,000				240	
250	33.1	151.3	8,000	36.0	146.0	8,500				250	
260	28.7	132.5	6,700							260	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
190	70	80.2	294.2	40,500*							70
	75	79.2	293.1	39,800*							75
	80	78.2	291.8	39,200*							80
	85	77.2	290.5	38,600*	80.7	287.7	34,500*				85
	90	76.1	289.0	37,900*	79.6	286.2	34,000*				90
	95	75.1	287.5	37,300*	78.6	284.7	33,400*				95
	100	74.1	285.8	36,800*	77.6	283.0	32,900*				100
	105	73.0	284.1	36,200*	76.5	281.3	32,300*	80.3	275.8	26,800*	105
	110	72.0	282.2	35,600*	75.5	279.4	31,800*	79.2	273.9	26,400*	110
	115	70.9	280.3	35,100*	74.4	277.4	31,300*	78.2	271.9	25,800*	115
	120	69.9	278.2	34,500*	73.3	275.4	30,800*	77.1	269.8	25,200*	120
	125	68.8	276.1	34,000*	72.2	273.2	30,300*	76.0	267.6	24,600*	125
	130	67.7	273.8	33,400*	71.1	270.9	29,800*	74.8	265.3	24,100*	130
	140	65.5	268.9	32,300*	68.9	265.9	28,900*	72.6	260.3	23,100*	140
	150	63.3	263.5	29,600*	66.7	260.4	28,100*	70.3	254.7	22,200*	150
	160	61.0	257.6	26,000	64.4	254.5	27,200*	67.9	248.7	21,400*	160
	170	58.7	251.1	22,800	62.0	247.9	24,600	65.5	242.0	20,600*	170
	180	56.3	244.0	20,100	59.6	240.7	21,700	63.0	234.7	19,900*	180
	190	53.8	236.3	17,600	57.0	232.9	19,100	60.4	226.7	19,300*	190
	200	51.2	227.8	15,400	54.4	224.3	16,700	57.7	217.9	18,100	200
210	48.5	218.5	13,500	51.7	214.8	14,600	54.9	208.2	15,900	210	
220	45.7	208.3	11,700	48.8	204.4	12,700	51.9	197.4	13,800	220	
230	42.8	197.0	10,100	45.8	192.9	11,000	48.8	185.5	12,000	230	
240	39.6	184.4	8,600	42.6	179.9	9,400	45.4	172.1	10,200	240	
250	36.2	170.2	7,200	39.1	165.3	7,900				250	
260	32.4	153.9	6,000	35.2	148.5	6,500				260	
270	28.2	134.7	4,800							270	
200	70	80.5	304.4	40,800*							70
	75	79.5	303.3	40,100*							75
	80	78.6	302.1	39,400*							80
	85	77.6	300.8	38,800*							85
	90	76.6	299.4	38,200*	80.0	296.6	34,100*				90
	95	75.6	297.9	37,600*	79.0	295.1	33,700*				95
	100	74.6	296.4	37,100*	78.0	293.5	33,100*				100
	105	73.6	294.7	36,500*	77.0	291.8	32,600*	80.7	286.3	26,900*	105
	110	72.6	292.9	36,000*	76.0	290.0	32,100*	79.6	284.5	26,500*	110
	115	71.6	291.0	35,400*	74.9	288.1	31,600*	78.6	282.5	26,000*	115
	120	70.6	289.0	34,900*	73.9	286.1	31,100*	77.5	280.5	25,500*	120
	125	69.5	287.0	34,400*	72.9	284.0	30,600*	76.5	278.4	24,900*	125
	130	68.5	284.8	33,900*	71.8	281.8	30,100*	75.4	276.2	24,400*	130
	140	66.4	280.1	32,800*	69.7	277.1	29,200*	73.2	271.3	23,400*	140
	150	64.3	274.9	28,800	67.5	271.8	28,400*	71.0	266.0	22,500*	150
	160	62.1	269.2	25,200	65.3	266.1	27,300	68.8	260.2	21,700*	160
	170	59.9	263.1	22,100	63.1	259.9	23,900	66.5	253.9	20,900*	170
	180	57.6	256.3	19,300	60.8	253.0	21,000	64.1	246.9	20,200*	180
	190	55.2	249.0	16,800	58.4	245.6	18,400	61.6	239.4	19,600*	190
	200	52.8	241.0	14,600	55.9	237.5	16,000	59.1	231.1	17,500	200
210	50.3	232.3	12,700	53.3	228.6	13,900	56.5	222.0	15,300	210	
220	47.6	222.7	10,900	50.7	218.9	12,000	53.7	212.0	13,200	220	
230	44.9	212.2	9,300	47.9	208.2	10,300	50.8	201.0	11,300	230	
240	42.0	200.6	7,800	44.9	196.3	8,700	47.7	188.7	9,600	240	
250	38.9	187.7	6,400	41.7	183.1	7,200				250	
260	35.5	173.1	5,200	38.3	168.1	5,800				260	
270	31.8	156.5	4,000	34.4	150.9	4,600				270	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	70	80.8	314.7	41,000*							70
	75	79.9	313.6	40,300*							75
	80	78.9	312.4	39,700*							80
	85	78.0	311.2	39,100*							85
	90	77.0	309.8	38,500*	80.3	306.9	34,300*				90
	95	76.1	308.4	37,900*	79.4	305.5	33,800*				95
	100	75.1	306.8	37,300*	78.4	304.0	33,300*				100
	105	74.2	305.2	36,800*	77.4	302.3	32,800*				105
	110	73.2	303.5	36,300*	76.4	300.6	32,300*	81.0	296.7	27,000*	110
	115	72.2	301.7	35,700*	75.5	298.8	31,800*	80.0	294.9	26,600*	115
	120	71.2	299.8	35,200*	74.5	296.8	31,300*	79.0	293.1	26,300*	120
	125	70.2	297.8	34,700*	73.5	294.8	30,900*	78.0	291.2	25,700*	125
	130	69.2	295.7	34,200*	72.5	292.7	30,400*	77.0	289.1	25,200*	130
	140	67.2	291.2	32,700	70.4	288.1	29,500*	75.9	287.0	24,600*	140
	150	65.2	286.2	28,500	68.3	283.1	28,700*	73.8	282.3	23,700*	150
	160	63.1	280.8	24,900	66.2	277.6	27,000	71.7	277.3	22,800*	160
	170	61.0	274.9	21,700	64.1	271.6	23,600	69.6	271.7	22,000*	170
	180	58.8	268.5	18,900	61.9	265.1	20,700	67.4	265.6	21,200*	180
	190	56.5	261.5	16,500	59.6	258.1	18,100	65.1	259.0	20,500*	190
	200	54.2	253.9	14,300	57.2	250.4	15,700	62.8	251.8	19,800	200
210	51.8	245.6	12,300	54.8	242.0	13,600	60.4	243.9	17,300	210	
220	49.4	236.6	10,500	52.3	232.8	11,700	57.9	235.4	15,100	220	
230	46.8	226.8	8,900	49.7	222.8	10,000	55.3	226.0	13,000	230	
240	44.1	216.0	7,400	46.9	211.8	8,400	52.6	215.7	11,100	240	
250	41.2	204.1	6,100	44.0	199.7	6,900	49.7	204.4	9,400	250	
260	38.2	190.9	4,800	40.9	186.1	5,600	46.7	191.8	7,800	260	
270				37.5	170.8	4,300				270	
220	75	80.2	323.8	40,500*							75
	80	79.3	322.7	39,900*							80
	85	78.4	321.5	39,300*							85
	90	77.5	320.2	38,700*	80.7	317.3	34,500*				90
	95	76.5	318.8	38,200*	79.7	315.9	34,000*				95
	100	75.6	317.3	37,600*	78.8	314.4	33,500*				100
	105	74.7	315.7	37,100*	77.8	312.8	33,000*				105
	110	73.7	314.1	36,600*	76.9	311.1	32,500*	80.3	305.4	26,800*	110
	115	72.8	312.3	36,100*	75.9	309.4	32,100*	79.4	303.6	26,400*	115
	120	71.8	310.5	35,500*	75.0	307.5	31,600*	78.4	301.8	25,900*	120
	125	70.9	308.6	35,000*	74.0	305.6	31,100*	77.4	299.8	25,400*	125
	130	69.9	306.5	34,600*	73.0	303.5	30,700*	76.4	297.7	24,900*	130
	140	68.0	302.2	31,900	71.1	299.1	29,800*	74.4	293.3	23,900*	140
	150	66.0	297.4	27,700	69.1	294.3	29,000*	72.4	288.4	23,000*	150
	160	64.0	292.2	24,100	67.1	289.0	26,300	70.3	283.0	22,200*	160
	170	62.0	286.5	21,000	65.0	283.3	23,000	68.2	277.2	21,500*	170
	180	59.9	280.4	18,200	62.9	277.1	20,000	66.0	270.9	20,800*	180
	190	57.7	273.7	15,700	60.7	270.3	17,400	63.8	264.0	19,200	190
	200	55.5	266.5	13,500	58.5	263.0	15,100	61.5	256.6	16,700	200
	210	53.3	258.7	11,500	56.2	255.0	13,000	59.2	248.5	14,500	210
220	50.9	250.1	9,800	53.8	246.4	11,000	56.7	239.6	12,400	220	
230	48.5	240.9	8,100	51.3	237.0	9,300	54.2	230.0	10,500	230	
240	46.0	230.8	6,700	48.8	226.7	7,700	51.5	219.4	8,800	240	
250	43.3	219.7	5,300	46.1	215.4	6,200	48.7	207.8	7,200	250	
260	40.5	207.6	4,000	43.2	203.0	4,900	45.7	194.9	5,700	260	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	
230	75	80.5	334.0	40,700*							75
	80	79.6	332.9	40,100*							80
	85	78.7	331.8	39,600*							85
	90	77.8	330.5	39,000*	80.9	327.6	34,600*				90
	95	77.0	329.2	38,400*	80.0	326.2	34,100*				95
	100	76.1	327.7	37,900*	79.1	324.8	33,700*				100
	105	75.2	326.2	37,400*	78.2	323.2	33,200*				105
	110	74.2	324.6	36,900*	77.3	321.6	32,700*	80.6	315.8	26,900*	110
	115	73.3	322.9	36,300*	76.4	319.9	32,300*	79.7	314.1	26,500*	115
	120	72.4	321.2	35,800*	75.5	318.1	31,800*	78.8	312.3	26,100*	120
	125	71.5	319.3	35,400*	74.5	316.3	31,400*	77.8	310.4	25,600*	125
	130	70.6	317.3	34,900*	73.6	314.3	30,900*	76.9	308.4	25,100*	130
	140	68.7	313.1	31,300	71.7	310.0	30,100*	74.9	304.1	24,200*	140
	150	66.8	308.5	27,100	69.8	305.4	29,300*	73.0	299.4	23,300*	150
	160	64.9	303.5	23,400	67.8	300.3	25,800	71.0	294.3	22,500*	160
	170	62.9	298.1	20,300	65.8	294.8	22,400	68.9	288.7	21,800*	170
	180	60.9	292.2	17,500	63.8	288.9	19,400	66.9	282.7	21,100*	180
	190	58.8	285.8	15,000	61.7	282.4	16,800	64.8	276.1	18,700	190
	200	56.7	278.9	12,800	59.6	275.4	14,400	62.6	269.0	16,200	200
	210	54.6	271.4	10,800	57.4	267.8	12,300	60.3	261.2	13,900	210
	220	52.4	263.3	9,000	55.2	259.6	10,400	58.0	252.9	11,900	220
	230	50.1	254.6	7,400	52.8	250.7	8,700	55.6	243.8	10,000	230
	240	47.7	245.1	5,900	50.4	241.1	7,100	53.1	233.9	8,200	240
	250	45.2	234.7	4,600	47.9	230.5	5,600	50.5	223.0	6,600	250
	260				45.2	219.0	4,200	47.8	211.1	5,200	260

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	60	80.9	255.7	32,800*							60
	65	79.7	254.5	32,100*							65
	70	78.6	253.3	31,200*							70
	75	77.4	251.9	30,400*							75
	80	76.2	250.5	29,600*							80
	85	75.0	248.9	28,800*	80.2	246.9	23,900*				85
	90	73.8	247.2	28,100*	79.0	245.3	23,200*				90
	95	72.6	245.4	27,300*	77.8	243.4	22,600*				95
	100	71.4	243.4	26,600*	76.6	241.5	22,100*				100
	105	70.1	241.4	25,800*	75.3	239.5	21,500*	80.4	234.1	18,700*	105
	110	68.9	239.2	25,100*	74.1	237.3	20,900*	79.1	231.9	18,200*	110
	115	67.7	236.9	24,400*	72.8	235.0	20,400*	77.8	229.5	17,800*	115
	120	66.4	234.4	23,700*	71.5	232.5	19,900*	76.5	227.0	17,400*	120
	125	65.1	231.8	23,100*	70.2	229.9	19,400*	75.2	224.3	17,000*	125
	130	63.8	229.1	22,500*	68.9	227.2	18,900*	73.9	221.5	16,600*	130
	140	61.2	223.1	21,200*	66.3	221.3	17,900*	71.1	215.4	15,900*	140
	150	58.4	216.6	20,100*	63.5	214.7	17,100*	68.3	208.6	15,200*	150
	160	55.6	209.3	19,000*	60.7	207.4	16,300*	65.4	201.1	14,500*	160
	170	52.7	201.2	18,100*	57.7	199.3	15,500*	62.3	192.7	14,000*	170
	180	49.6	192.2	17,100*	54.6	190.2	14,800*	59.1	183.3	13,500*	180
190	46.4	182.1	16,300*	51.4	180.1	14,200*	55.7	172.8	13,000*	190	
200	43.0	170.8	15,500*	47.9	168.8	13,600*	52.1	160.9	12,600*	200	
210	39.3	158.0	14,700*	44.1	155.9	13,100*	48.1	147.3	12,200*	210	
220	35.2	143.3	14,100*	40.0	141.0	12,600*	43.7	131.3	12,000*	220	
230	30.7	125.8	13,500*	35.4	123.3	12,200*				230	
140	65	80.1	264.8	32,400*							65
	70	79.0	263.6	31,600*							70
	75	77.9	262.3	30,800*							75
	80	76.7	260.9	30,000*							80
	85	75.6	259.4	29,200*	80.6	257.3	24,100*				85
	90	74.4	257.7	28,500*	79.4	255.7	23,500*				90
	95	73.3	256.0	27,700*	78.3	254.0	22,900*				95
	100	72.1	254.1	27,000*	77.1	252.1	22,300*				100
	105	70.9	252.2	26,300*	75.9	250.2	21,800*	80.8	244.6	18,800*	105
	110	69.8	250.1	25,600*	74.7	248.1	21,200*	79.6	242.5	18,400*	110
	115	68.6	247.9	24,900*	73.5	245.9	20,700*	78.4	240.2	18,000*	115
	120	67.4	245.5	24,300*	72.3	243.6	20,200*	77.1	237.9	17,600*	120
	125	66.1	243.1	23,600*	71.1	241.1	19,700*	75.9	235.3	17,200*	125
	130	64.9	240.5	23,000*	69.8	238.5	19,200*	74.6	232.7	16,800*	130
	140	62.4	234.8	21,800*	67.3	232.9	18,300*	72.0	226.9	16,100*	140
	150	59.8	228.6	20,700*	64.7	226.6	17,400*	69.3	220.5	15,400*	150
	160	57.2	221.7	19,600*	62.0	219.7	16,700*	66.6	213.4	14,800*	160
	170	54.4	214.1	18,600*	59.2	212.1	15,900*	63.7	205.5	14,200*	170
	180	51.6	205.7	17,700*	56.3	203.7	15,200*	60.7	196.8	13,700*	180
	190	48.6	196.4	16,800*	53.3	194.3	14,600*	57.6	187.1	13,200*	190
200	45.4	186.0	16,000*	50.1	183.9	14,000*	54.2	176.2	12,800*	200	
210	42.1	174.4	15,300*	46.7	172.2	13,400*	50.7	163.9	12,400*	210	
220	38.4	161.2	14,600*	43.1	158.9	13,000*	46.8	149.8	12,100*	220	
230	34.5	146.1	13,900*	39.0	143.6	12,500*				230	
240	30.0	128.2	12,700	34.5	125.4	12,200*				240	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	
150	65	80.5	275.0	32,600*							65
	70	79.4	273.9	31,900*							70
	75	78.3	272.6	31,100*							75
	80	77.2	271.3	30,400*							80
	85	76.1	269.8	29,600*							85
	90	75.0	268.3	28,900*	79.9	266.1	23,700*				90
	95	73.9	266.6	28,200*	78.7	264.5	23,100*				95
	100	72.8	264.8	27,400*	77.6	262.7	22,600*				100
	105	71.7	262.9	26,800*	76.5	260.8	22,000*				105
	110	70.6	260.9	26,100*	75.3	258.8	21,500*	80.0	253.1	18,500*	110
	115	69.4	258.8	25,400*	74.2	256.7	21,000*	78.8	251.0	18,100*	115
	120	68.3	256.6	24,800*	73.0	254.5	20,500*	77.7	248.7	17,700*	120
	125	67.1	254.2	24,100*	71.8	252.1	20,000*	76.5	246.3	17,400*	125
	130	65.9	251.7	23,500*	70.6	249.7	19,500*	75.2	243.7	17,000*	130
	140	63.5	246.4	22,300*	68.2	244.3	18,600*	72.8	238.2	16,300*	140
	150	61.1	240.4	21,200*	65.8	238.4	17,800*	70.2	232.1	15,600*	150
	160	58.6	233.9	20,200*	63.2	231.9	17,000*	67.6	225.4	15,000*	160
	170	56.0	226.7	19,200*	60.6	224.7	16,300*	64.9	218.0	14,500*	170
	180	53.3	218.9	18,200*	57.9	216.7	15,600*	62.1	209.8	13,900*	180
	190	50.5	210.1	17,400*	55.1	208.0	14,900*	59.2	200.8	13,500*	190
200	47.6	200.5	16,600*	52.1	198.3	14,300*	56.1	190.7	13,000*	200	
210	44.5	189.8	15,800*	49.0	187.6	13,800*	52.9	179.5	12,700*	210	
220	41.2	177.9	15,100*	45.7	175.5	13,300*	49.4	166.8	12,300*	220	
230	37.7	164.4	13,500*	42.1	161.9	12,800*	45.5	152.3	12,100*	230	
240	33.8	148.8	12,000	38.1	146.2	12,500*				240	
250	29.4	130.5	10,700	33.6	127.5	11,300				250	
160	65	80.8	285.2	32,800*							65
	70	79.8	284.1	32,100*							70
	75	78.8	282.9	31,400*							75
	80	77.7	281.6	30,700*							80
	85	76.7	280.2	30,000*							85
	90	75.6	278.7	29,200*	80.2	276.5	23,900*				90
	95	74.5	277.1	28,600*	79.2	274.9	23,300*				95
	100	73.5	275.4	27,900*	78.1	273.2	22,800*				100
	105	72.4	273.6	27,200*	77.0	271.4	22,300*				105
	110	71.3	271.7	26,500*	75.9	269.5	21,800*	80.4	263.7	18,700*	110
	115	70.2	269.7	25,900*	74.8	267.5	21,300*	79.3	261.6	18,300*	115
	120	69.1	267.5	25,200*	73.7	265.4	20,800*	78.1	259.4	17,900*	120
	125	68.0	265.3	24,600*	72.5	263.1	20,300*	77.0	257.1	17,500*	125
	130	66.8	262.9	24,000*	71.4	260.7	19,800*	75.8	254.7	17,200*	130
	140	64.6	257.8	22,800*	69.1	255.6	18,900*	73.5	249.4	16,500*	140
	150	62.2	252.1	21,700*	66.7	250.0	18,100*	71.1	243.6	15,800*	150
	160	59.8	245.9	20,700*	64.3	243.8	17,300*	68.6	237.2	15,200*	160
	170	57.4	239.1	19,700*	61.9	237.0	16,600*	66.0	230.2	14,700*	170
	180	54.8	231.7	18,800*	59.3	229.5	15,900*	63.4	222.5	14,200*	180
	190	52.2	223.5	17,900*	56.6	221.3	15,300*	60.6	214.0	13,700*	190
200	49.5	214.5	17,100*	53.9	212.2	14,700*	57.8	204.7	13,300*	200	
210	46.6	204.6	16,100	51.0	202.3	14,100*	54.8	194.3	12,900*	210	
220	43.6	193.6	14,300	47.9	191.2	13,600*	51.6	182.7	12,500*	220	
230	40.4	181.3	12,700	44.7	178.8	13,200*	48.1	169.7	12,200*	230	
240	36.9	167.4	11,200	41.1	164.8	12,100	44.4	154.8	12,000*	240	
250	33.1	151.5	9,900	37.2	148.7	10,600				250	
260	28.8	132.8	8,600	32.8	129.6	9,300				260	

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	70	80.2	294.4	32,400*							70
	75	79.2	293.2	31,700*							75
	80	78.1	292.0	31,000*							80
	85	77.1	290.6	30,300*							85
	90	76.1	289.2	29,600*	80.6	286.9	24,100*				90
	95	75.1	287.6	28,900*	79.5	285.4	23,500*				95
	100	74.0	286.0	28,200*	78.5	283.7	23,000*				100
	105	73.0	284.2	27,600*	77.5	282.0	22,500*				105
	110	72.0	282.4	26,900*	76.4	280.2	22,000*	80.8	274.2	18,800*	110
	115	70.9	280.5	26,300*	75.3	278.2	21,500*	79.7	272.2	18,400*	115
	120	69.8	278.4	25,700*	74.3	276.2	21,000*	78.6	270.1	18,000*	120
	125	68.8	276.2	25,100*	73.2	274.0	20,600*	77.5	267.9	17,700*	125
	130	67.7	274.0	24,500*	72.1	271.7	20,100*	76.4	265.5	17,300*	130
	140	65.5	269.0	23,300*	69.9	266.8	19,200*	74.1	260.5	16,700*	140
	150	63.3	263.7	22,200*	67.7	261.4	18,400*	71.8	255.0	16,000*	150
	160	61.0	257.7	21,200*	65.4	255.5	17,700*	69.5	248.9	15,400*	160
	170	58.7	251.3	20,200*	63.0	249.0	16,900*	67.0	242.3	14,900*	170
	180	56.3	244.2	19,300*	60.6	242.0	16,300*	64.5	235.0	14,400*	180
	190	53.8	236.5	18,400*	58.1	234.2	15,600*	61.9	227.0	13,900*	190
	200	51.2	228.0	17,400	55.5	225.7	15,000*	59.3	218.2	13,500*	200
210	48.5	218.7	15,500	52.8	216.4	14,500*	56.4	208.5	13,100*	210	
220	45.7	208.5	13,700	49.9	206.1	13,900*	53.5	197.8	12,700*	220	
230	42.8	197.2	12,100	46.9	194.7	13,200	50.3	185.9	12,400*	230	
240	39.6	184.6	10,600	43.7	182.0	11,600	47.0	172.5	12,200*	240	
250	36.2	170.5	9,300	40.3	167.7	10,200				250	
260	32.5	154.2	8,000	36.4	151.2	8,800				260	
270	28.2	135.1	6,900	32.1	131.7	7,500				270	
180	70	80.5	304.6	32,600*							70
	75	79.5	303.5	32,000*							75
	80	78.5	302.3	31,300*							80
	85	77.6	301.0	30,600*							85
	90	76.6	299.6	29,900*	80.9	297.2	24,300*				90
	95	75.6	298.1	29,300*	79.9	295.8	23,700*				95
	100	74.6	296.5	28,600*	78.9	294.2	23,200*				100
	105	73.6	294.8	28,000*	77.9	292.5	22,700*				105
	110	72.6	293.1	27,300*	76.9	290.7	22,200*				110
	115	71.6	291.2	26,700*	75.9	288.9	21,700*	80.1	282.7	18,600*	115
	120	70.6	289.2	26,100*	74.8	286.9	21,300*	79.0	280.7	18,200*	120
	125	69.5	287.1	25,500*	73.8	284.8	20,800*	78.0	278.6	17,800*	125
	130	68.5	284.9	24,900*	72.8	282.6	20,400*	76.9	276.4	17,500*	130
	140	66.4	280.2	23,800*	70.6	277.9	19,500*	74.7	271.5	16,800*	140
	150	64.3	275.1	22,700*	68.5	272.8	18,700*	72.5	266.3	16,200*	150
	160	62.1	269.4	21,700*	66.3	267.1	18,000*	70.3	260.4	15,600*	160
	170	59.8	263.2	20,700*	64.0	260.9	17,200*	67.9	254.1	15,100*	170
	180	57.6	256.5	19,800*	61.7	254.2	16,600*	65.6	247.2	14,600*	180
	190	55.2	249.2	18,800	59.3	246.8	15,900*	63.1	239.6	14,100*	190
	200	52.8	241.2	16,600	56.9	238.8	15,300*	60.6	231.3	13,700*	200
210	50.3	232.5	14,700	54.3	230.0	14,800*	58.0	222.2	13,300*	210	
220	47.6	222.9	12,900	51.7	220.4	14,300*	55.2	212.2	12,900*	220	
230	44.9	212.4	11,300	48.9	209.9	12,500	52.3	201.2	12,600*	230	
240	42.0	200.8	9,800	46.0	198.2	10,900	49.2	189.0	11,900	240	
250	38.9	187.9	8,500	42.8	185.2	9,500	45.9	175.2	10,300	250	
260	35.5	173.4	7,200	39.4	170.5	8,100				260	
270	31.9	156.8	6,100	35.7	153.6	6,800				270	
280	27.7	137.3	5,000							280	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
190	70	80.8	314.8	32,800*							70
	75	79.9	313.7	32,200*							75
	80	78.9	312.6	31,500*							80
	85	78.0	311.3	30,900*							85
	90	77.0	310.0	30,200*							90
	95	76.1	308.5	29,600*	80.2	306.1	23,900*				95
	100	75.1	307.0	28,900*	79.3	304.6	23,400*				100
	105	74.1	305.4	28,300*	78.3	303.0	22,900*				105
	110	73.2	303.7	27,700*	77.3	301.3	22,400*				110
	115	72.2	301.9	27,100*	76.3	299.5	22,000*	80.4	293.2	18,700*	115
	120	71.2	300.0	26,500*	75.4	297.6	21,500*	79.4	291.3	18,300*	120
	125	70.2	298.0	25,900*	74.4	295.6	21,100*	78.4	289.3	18,000*	125
	130	69.2	295.8	25,300*	73.4	293.5	20,600*	77.4	287.1	17,600*	130
	140	67.2	291.3	24,200*	71.3	289.0	19,800*	75.3	282.5	17,000*	140
	150	65.2	286.4	23,100*	69.2	284.0	19,000*	73.2	277.4	16,400*	150
	160	63.1	281.0	22,100*	67.1	278.6	18,200*	71.0	271.9	15,800*	160
	170	60.9	275.1	21,200*	65.0	272.7	17,500*	68.8	265.8	15,300*	170
	180	58.8	268.6	20,200*	62.8	266.2	16,900*	66.5	259.2	14,800*	180
	190	56.5	261.7	18,100	60.5	259.2	16,300*	64.2	252.0	14,300*	190
	200	54.2	254.1	15,900	58.2	251.6	15,700*	61.8	244.1	13,900*	200
210	51.8	245.8	14,000	55.8	243.3	15,100*	59.3	235.6	13,500*	210	
220	49.4	236.8	12,200	53.3	234.3	13,600	56.7	226.2	13,100*	220	
230	46.8	227.0	10,600	50.7	224.4	11,900	54.0	215.9	12,800*	230	
240	44.1	216.2	9,100	48.0	213.6	10,300	51.2	204.6	11,300	240	
250	41.2	204.4	7,800	45.1	201.6	8,800	48.1	192.0	9,700	250	
260	38.2	191.2	6,500	42.0	188.3	7,500	44.9	177.9	8,200	260	
270	34.9	176.3	5,400	38.6	173.2	6,200				270	
280	31.3	159.4	4,300	34.9	156.0	5,000				280	
200	75	80.2	324.0	32,400*							75
	80	79.3	322.8	31,800*							80
	85	78.4	321.6	31,100*							85
	90	77.4	320.3	30,500*							90
	95	76.5	318.9	29,900*	80.6	316.5	24,100*				95
	100	75.6	317.5	29,300*	79.6	315.0	23,600*				100
	105	74.7	315.9	28,600*	78.7	313.4	23,100*				105
	110	73.7	314.2	28,000*	77.7	311.8	22,600*				110
	115	72.8	312.5	27,400*	76.8	310.1	22,200*	80.7	303.7	18,800*	115
	120	71.8	310.7	26,800*	75.8	308.2	21,700*	79.8	301.8	18,400*	120
	125	70.9	308.7	26,300*	74.9	306.3	21,300*	78.8	299.9	18,100*	125
	130	69.9	306.7	25,700*	73.9	304.3	20,900*	77.8	297.8	17,800*	130
	140	68.0	302.3	24,600*	72.0	299.9	20,000*	75.8	293.4	17,200*	140
	150	66.0	297.6	23,600*	70.0	295.2	19,300*	73.8	288.5	16,600*	150
	160	64.0	292.4	22,600*	67.9	290.0	18,500*	71.7	283.1	16,000*	160
	170	61.9	286.7	21,600*	65.9	284.3	17,800*	69.6	277.3	15,500*	170
	180	59.9	280.6	19,800	63.8	278.1	17,200*	67.4	271.0	15,000*	180
	190	57.7	273.9	17,300	61.6	271.4	16,600*	65.2	264.1	14,500*	190
	200	55.5	266.7	15,100	59.4	264.2	16,000*	62.9	256.7	14,100*	200
	210	53.3	258.8	13,200	57.1	256.3	14,900	60.5	248.6	13,700*	210
220	50.9	250.3	11,400	54.7	247.8	13,000	58.1	239.7	13,300*	220	
230	48.5	241.1	9,800	52.3	238.5	11,200	55.6	230.1	12,500	230	
240	46.0	231.0	8,300	49.7	228.3	9,600	52.9	219.5	10,700	240	
250	43.3	220.0	6,900	47.1	217.2	8,100	50.1	207.9	9,100	250	
260	40.5	207.8	5,700	44.2	204.9	6,800	47.1	195.0	7,600	260	
270	37.5	194.3	4,500	41.2	191.3	5,500	43.9	180.6	6,200	270	
280				37.9	176.0	4,300				280	

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
123,200 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	
210	75	80.5	334.2	32,600*							75
	80	79.6	333.1	32,000*							80
	85	78.7	331.9	31,400*							85
	90	77.8	330.6	30,800*							90
	95	76.9	329.3	30,200*							95
	100	76.0	327.9	29,600*	80.9	326.8	24,200*				100
	105	75.1	326.4	29,000*	79.0	323.9	23,300*				105
	110	74.2	324.8	28,400*	78.1	322.3	22,800*				110
	115	73.3	323.1	27,800*	77.2	320.6	22,400*				115
	120	72.4	321.3	27,200*	76.3	318.8	21,900*	80.1	312.3	18,600*	120
	125	71.5	319.4	26,600*	75.4	317.0	21,500*	79.2	310.4	18,200*	125
	130	70.5	317.5	26,100*	74.4	315.0	21,100*	78.2	308.5	17,900*	130
	140	68.7	313.3	25,000*	72.5	310.8	20,300*	76.3	304.2	17,300*	140
	150	66.8	308.7	24,000*	70.6	306.2	19,500*	74.3	299.5	16,700*	150
	160	64.8	303.7	23,000*	68.7	301.2	18,800*	72.3	294.3	16,200*	160
	170	62.9	298.3	22,000*	66.7	295.8	18,100*	70.3	288.8	15,600*	170
	180	60.9	292.4	19,400	64.7	289.9	17,400*	68.2	282.7	15,200*	180
	190	58.8	286.0	16,900	62.6	283.5	16,800*	66.1	276.1	14,700*	190
	200	56.7	279.1	14,800	60.5	276.5	16,200*	63.9	269.0	14,300*	200
	210	54.6	271.6	12,800	58.3	269.1	14,600	61.7	261.3	13,900*	210
220	52.4	263.5	11,000	56.1	260.9	12,700	59.4	252.9	13,500*	220	
230	50.1	254.8	9,400	53.8	252.1	10,900	57.0	243.8	12,200	230	
240	47.7	245.3	7,900	51.3	242.6	9,300	54.5	233.9	10,500	240	
250	45.2	234.9	6,600	48.8	232.2	7,800	51.9	223.1	8,900	250	
260	42.6	223.6	5,300	46.2	220.8	6,500	49.1	211.2	7,400	260	
270	39.8	211.2	4,200	43.4	208.2	5,200	46.2	198.0	6,000	270	
280				40.4	194.3	4,000				280	
220	75	80.8	344.4	32,800*							75
	80	79.9	343.3	32,300*							80
	85	79.1	342.2	31,600*							85
	90	78.2	341.0	31,000*							90
	95	77.3	339.7	30,400*							95
	100	76.5	338.3	29,900*	80.3	335.7	23,900*				100
	105	75.6	336.8	29,300*	79.4	334.3	23,500*				105
	110	74.7	335.3	28,700*	78.5	332.7	23,000*				110
	115	73.8	333.6	28,100*	77.6	331.1	22,600*				115
	120	72.9	331.9	27,600*	76.7	329.4	22,100*	80.4	322.8	18,700*	120
	125	72.0	330.1	27,000*	75.8	327.6	21,700*	79.5	321.0	18,400*	125
	130	71.1	328.2	26,400*	74.9	325.7	21,300*	78.6	319.1	18,000*	130
	140	69.3	324.2	25,400*	73.1	321.6	20,500*	76.7	314.9	17,400*	140
	150	67.5	319.7	24,400*	71.2	317.2	19,800*	74.8	310.4	16,900*	150
	160	65.6	314.9	23,400*	69.4	312.4	19,000*	72.9	305.5	16,300*	160
	170	63.8	309.7	21,400	67.5	307.1	18,400*	71.0	300.1	15,800*	170
	180	61.8	304.0	18,600	65.5	301.5	17,700*	69.0	294.3	15,300*	180
	190	59.9	297.9	16,200	63.5	295.3	17,100*	66.9	288.0	14,900*	190
	200	57.9	291.3	14,000	61.5	288.7	16,000	64.8	281.2	14,400*	200
	210	55.8	284.2	12,000	59.4	281.5	13,900	62.7	273.8	14,100*	210
220	53.7	276.5	10,200	57.3	273.8	12,000	60.5	265.8	13,600	220	
230	51.5	268.1	8,600	55.1	265.5	10,200	58.2	257.2	11,700	230	
240	49.2	259.2	7,100	52.8	256.4	8,600	55.9	247.9	9,900	240	
250	46.9	249.4	5,800	50.4	246.6	7,100	53.4	237.7	8,300	250	
260	44.5	238.8	4,500	48.0	236.0	5,800	50.9	226.6	6,800	260	
270				45.4	224.3	4,500	48.1	214.4	5,400	270	
280							45.2	200.9	4,100	280	