

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
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7630-A. 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' THRU 300' 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, 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 177,600 LB. COUNTERWEIGHT.

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

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY	BOOM LENGTH	JIB LENGTH
MPH	FEET	FEET
30	70 - 200	---
25	210 - 240	---
20	250 - 300	---
25	130 - 210	40 - 80
20	220 - 250	40 - 80
15	260	40 - 60
25	130 - 200	100 - 120
20	210 - 230	100 - 120
20	240	100

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER SIDE OR REAR ON SPREAD OUTRIGGERS	
BOOM LGTH.	JIB NO. 132
300'	---
290'	---
280'	---
270'	---
260'	60'
250'	80'
240'	100'
230'	120'

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. UPPER BOOM POINT CANNOT BE USED ON 300' BOOM.

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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	
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	62,800*	61.0	152.8	56,600*	63.2	150.0	43,900*	100
	105	56.8	150.6	61,100*	59.0	149.4	55,400*	61.1	146.5	42,900*	105
	110	54.7	147.0	59,600*	56.9	145.7	54,400*	59.0	142.8	41,900*	110
	115	52.6	143.1	58,100*	54.8	141.8	53,500*	56.8	138.7	41,100*	115
120	50.4	138.9	56,800*	52.6	137.5	52,600*	54.6	134.4	40,300*	120	
125	48.2	134.3	55,500*	50.3	132.9	51,800*	52.2	129.6	39,500*	125	
130	45.8	129.4	53,200	48.0	127.9	51,100*	49.8	124.5	38,800*	130	
140	40.8	118.1	47,400	42.9	116.5	47,900	44.6	112.7	37,700*	140	
150	35.2	104.5	42,400	37.2	102.7	42,800				150	
160	28.6	87.4	38,100							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	66,400*	64.7	167.5	58,900*	66.8	164.7	45,900*	95
	100	60.7	165.8	64,600*	62.9	164.5	57,600*	64.9	161.8	44,800*	100
	105	58.8	162.7	62,900*	61.0	161.4	56,500*	63.0	158.6	43,800*	105
	110	57.0	159.3	61,300*	59.1	158.1	55,500*	61.1	155.2	42,800*	110
	115	55.0	155.7	59,800*	57.1	154.5	54,500*	59.1	151.5	42,000*	115
120	53.0	151.9	58,400*	55.1	150.6	53,600*	57.0	147.5	41,100*	120	
125	51.0	147.8	55,700	53.1	146.4	52,800*	54.9	143.2	40,400*	125	
130	48.9	143.3	52,400	50.9	141.9	52,000*	52.7	138.6	39,700*	130	
140	44.5	133.4	46,500	46.4	131.8	47,200	48.1	128.3	38,400*	140	
150	39.6	121.6	41,600	41.5	119.9	42,100	43.0	116.0	37,400*	150	
160	34.2	107.5	37,200	36.0	105.6	37,600				160	
170	27.7	89.7	33,500							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	70,100*b	67.8	181.3	61,200*	69.8	178.6	47,900*	90
	95	64.1	180.0	68,100*b	66.1	178.8	59,900*	68.1	176.1	46,800*	95
	100	62.4	177.3	66,300*	64.4	176.1	58,700*	66.4	173.3	45,700*	100
	105	60.7	174.4	64,500*	62.7	173.2	57,500*	64.6	170.4	44,600*	105
	110	58.9	171.3	62,900*	60.9	170.1	56,500*	62.8	167.2	43,700*	110
	115	57.1	168.0	61,400*	59.1	166.7	55,500*	61.0	163.8	42,800*	115
	120	55.3	164.5	58,600	57.3	163.2	54,600*	59.1	160.2	42,000*	120
125	53.4	160.7	55,000	55.4	159.3	53,700*	57.2	156.3	41,200*	125	
130	51.5	156.6	51,700	53.5	155.3	52,500	55.2	152.1	40,500*	130	
140	47.5	147.6	45,800	49.4	146.2	46,500	51.1	142.8	39,200*	140	
150	43.2	137.2	40,800	45.1	135.6	41,400	46.6	131.9	38,100*	150	
160	38.5	125.0	36,500	40.3	123.2	37,000				160	
170	33.2	110.4	32,800	34.9	108.3	33,100				170	
180	26.9	92.0	29,500							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	71,800*b	69.0	192.3	62,200*	70.9	189.7	48,700*	90
	95	65.5	191.2	69,800*b	67.4	190.0	60,900*	69.3	187.2	47,600*	95
	100	63.9	188.7	67,900*b	65.8	187.4	59,700*	67.7	184.7	46,500*	100
	105	62.3	186.0	66,100*	64.2	184.7	58,500*	66.1	181.9	45,500*	105
	110	60.6	183.1	64,500*	62.6	181.8	57,500*	64.4	179.0	44,500*	110
	115	59.0	180.0	61,800*	60.9	178.7	56,500*	62.7	175.8	43,600*	115
120	57.3	176.7	57,800*	59.2	175.4	55,500*	60.9	172.4	42,800*	120	
125	55.5	173.2	54,100	57.4	171.9	54,600*	59.2	168.8	42,000*	125	
130	53.8	169.5	50,800	55.6	168.1	51,700	57.3	165.0	41,300*	130	
140	50.1	161.2	45,000	51.9	159.8	45,700	53.6	156.5	39,900*	140	
150	46.2	151.8	40,000	48.0	150.3	40,600	49.5	146.8	38,800*	150	
160	42.0	141.0	35,700	43.8	139.3	36,200	45.2	135.5	36,700	160	
170	37.4	128.3	31,900	39.1	126.5	32,400				170	
180	32.3	113.2	28,600	33.9	111.1	28,900				180	
190	26.2	94.2	25,700							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	75,500*b	71.5	205.3	64,500*	73.4	202.7	50,700*	85
	90	68.2	204.5	73,400*b	70.1	203.3	63,100*	71.9	200.6	49,500*	90
	95	66.7	202.2	71,300*b	68.6	201.0	61,800*	70.4	198.3	48,300*	95
	100	65.2	199.9	69,500*b	67.1	198.6	60,600*	68.9	195.9	47,300*	100
	105	63.7	197.3	67,700*b	65.6	196.1	59,500*	67.3	193.3	46,300*	105
	110	62.2	194.6	65,700	64.0	193.4	58,400*	65.8	190.5	45,300*	110
	115	60.6	191.7	61,300	62.4	190.5	57,400*	64.2	187.6	44,400*	115
120	59.0	188.7	57,200	60.8	187.4	56,400*	62.5	184.4	43,600*	120	
125	57.4	185.4	53,600	59.2	184.1	54,600	60.9	181.1	42,800*	125	
130	55.8	181.9	50,300	57.6	180.6	51,200	59.2	177.5	42,000*	130	
140	52.4	174.3	44,400	54.1	172.9	45,300	55.7	169.7	40,700*	140	
150	48.8	165.7	39,400	50.5	164.2	40,100	52.0	160.8	39,500*	150	
160	45.0	155.9	35,100	46.7	154.3	35,700	48.1	150.6	36,300	160	
170	40.9	144.6	31,400	42.6	142.9	31,900	43.9	138.9	32,300	170	
180	36.5	131.5	28,100	38.1	129.6	28,500				180	
190	31.5	115.9	25,100	33.0	113.7	25,500				190	
200	25.6	96.4	22,300*							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	79.7	220.0	57,000*	65
	70	74.7	222.3	84,600*b	76.5	221.2	70,000*b	78.4	218.5	55,500*	70
	75	73.3	220.8	81,900*b	75.2	219.6	68,300*b	77.0	216.9	54,000*	75
	80	72.0	219.1	79,400*b	73.8	217.9	66,800*	75.6	215.2	52,700*	80
	85	70.6	217.2	77,100*b	72.4	216.1	65,300*	74.2	213.4	51,400*	85
	90	69.2	215.3	74,900*b	71.0	214.1	64,000*	72.8	211.4	50,200*	90
	95	67.8	213.2	72,900*b	69.6	212.0	62,700*	71.4	209.2	49,100*	95
	100	66.4	210.9	71,000*b	68.2	209.7	61,500*	69.9	206.9	48,000*	100
	105	65.0	208.5	69,200*b	66.8	207.3	60,400*	68.5	204.5	47,000*	105
	110	63.5	206.0	64,900b	65.3	204.7	59,300*	67.0	201.9	46,000*	110
	115	62.1	203.3	60,400	63.8	202.0	58,300*	65.5	199.1	45,100*	115
	120	60.6	200.4	56,400	62.3	199.1	57,300*	64.0	196.2	44,300*	120
	125	59.1	197.3	52,800	60.8	196.0	53,900	62.4	193.0	43,500*	125
	130	57.5	194.1	49,400	59.3	192.7	50,500	60.9	189.7	42,700*	130
	140	54.4	187.0	43,600	56.1	185.6	44,500	57.6	182.4	41,400*	140
150	51.1	179.0	38,600	52.7	177.6	39,400	54.2	174.2	40,100*	150	
160	47.6	170.0	34,300	49.2	168.5	35,000	50.6	165.0	35,600	160	
170	43.9	159.8	30,500	45.5	158.2	31,100	46.8	154.4	31,600	170	
180	39.9	148.2	27,200	41.5	146.4	27,700				180	
190	35.6	134.6	24,300	37.1	132.7	24,700				190	
200	30.7	118.5	21,700	32.1	116.3	22,000				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	80,800*b	74.5	228.5	67,600*	76.3	225.8	53,300*	80
	85	71.5	227.9	78,500*b	73.2	226.7	66,200*	74.9	224.0	52,000*	85
	90	70.2	226.0	76,400*b	71.9	224.8	64,800*	73.6	222.1	50,900*	90
	95	68.8	224.0	74,300*b	70.6	222.8	63,500*	72.2	220.1	49,700*	95
	100	67.5	221.9	72,400*b	69.2	220.7	62,400*	70.9	217.9	48,700*	100
	105	66.1	219.6	69,100b	67.8	218.4	61,200*	69.5	215.6	47,700*	105
	110	64.8	217.2	64,200b	66.5	216.0	60,100*	68.1	213.1	46,700*	110
	115	63.4	214.7	59,700b	65.1	213.4	59,100*	66.7	210.5	45,900*	115
	120	62.0	211.9	55,700	63.7	210.7	57,000	65.2	207.7	45,000*	120
	125	60.5	209.0	52,100	62.2	207.7	53,200	63.8	204.8	44,200*	125
	130	59.1	206.0	48,700	60.8	204.7	49,800	62.3	201.7	43,500*	130
	140	56.1	199.3	42,900	57.8	198.0	43,800	59.3	194.9	42,100*	140
150	53.1	191.9	37,900	54.7	190.5	38,700	56.1	187.2	39,500	150	
160	49.8	183.6	33,500	51.4	182.1	34,300	52.8	178.7	34,900	160	
170	46.5	174.2	29,800	48.0	172.6	30,400	49.3	169.0	31,000	170	
180	42.9	163.7	26,500	44.4	162.0	27,000	45.6	158.1	27,500	180	
190	39.0	151.6	23,500	40.5	149.8	24,000				190	
200	34.8	137.7	20,900	36.2	135.6	21,300				200	
210	30.0	121.1	18,600	31.3	118.8	18,900				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
177,600 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	80.1	244.4	74,900*b				60
	65	77.2	244.4	90,200*b	78.9	243.2	73,100*b	80.6	240.6	57,700*	65
	70	76.0	243.1	87,400*b	77.7	241.9	71,400*b	79.4	239.3	56,600*	70
	75	74.8	241.7	84,700*b	76.4	240.5	69,800*b	78.1	237.8	55,200*	75
	80	73.5	240.1	82,200*b	75.2	239.0	68,300*b	76.9	236.3	53,900*	80
	85	72.3	238.5	79,900*b	73.9	237.3	66,900*	75.6	234.6	52,700*	85
	90	71.0	236.7	77,800*b	72.7	235.5	65,600*	74.3	232.8	51,500*	90
	95	69.8	234.8	75,700*b	71.4	233.6	64,400*	73.0	230.9	50,400*	95
	100	68.5	232.8	73,800*b	70.1	231.6	63,200*	71.7	228.8	49,300*	100
	105	67.2	230.6	68,300b	68.8	229.4	62,000*	70.4	226.6	48,300*	105
	110	65.9	228.3	63,400b	67.5	227.1	61,000*	69.1	224.3	47,400*	110
	115	64.6	225.9	58,900b	66.2	224.6	59,900*	67.8	221.8	46,500*	115
	120	63.2	223.3	54,900	64.9	222.0	56,200	66.4	219.1	45,700*	120
	125	61.9	220.6	51,200	63.5	219.3	52,500	65.0	216.4	44,900*	125
	130	60.5	217.7	47,900	62.1	216.4	49,100	63.6	213.4	44,100*	130
	140	57.7	211.4	42,000	59.3	210.1	43,100	60.8	207.0	42,700*	140
	150	54.8	204.5	37,000	56.4	203.1	37,900	57.8	199.9	38,800	150
	160	51.8	196.7	32,700	53.4	195.2	33,500	54.8	191.9	34,200	160
	170	48.7	188.0	28,900	50.2	186.5	29,600	51.5	183.0	30,300	170
	180	45.4	178.3	25,600	46.9	176.7	26,200	48.1	173.0	26,800	180
190	41.9	167.4	22,700	43.4	165.7	23,200	44.5	161.7	23,600	190	
200	38.1	155.0	20,100	39.5	153.1	20,500				200	
210	34.0	140.6	17,700	35.3	138.6	18,100				210	
220	29.3	123.7	15,600							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	83,600*b	75.8	249.4	69,100*b	77.4	246.7	54,500*	80
	85	73.0	249.0	81,300*b	74.6	247.8	67,700*	76.2	245.1	53,200*	85
	90	71.8	247.3	79,100*b	73.4	246.1	66,400*	75.0	243.4	52,100*	90
	95	70.6	245.5	77,100*b	72.2	244.3	65,100*	73.8	241.6	51,000*	95
	100	69.4	243.6	73,600b	71.0	242.4	63,900*	72.5	239.6	50,000*	100
	105	68.1	241.5	68,100b	69.7	240.3	62,800*	71.3	237.5	49,000*	105
	110	66.9	239.3	63,100b	68.5	238.1	61,700*	70.0	235.3	48,100*	110
	115	65.7	237.0	58,700b	67.2	235.8	60,100	68.7	232.9	47,200*	115
	120	64.4	234.6	54,600b	66.0	233.3	56,000	67.4	230.4	46,300*	120
	125	63.1	232.0	51,000	64.7	230.7	52,300	66.1	227.8	45,500*	125
	130	61.8	229.3	47,600	63.4	227.9	48,900	64.8	225.0	44,800*	130
	140	59.2	223.3	41,800	60.7	222.0	42,800	62.1	218.9	43,400*	140
	150	56.5	216.7	36,800	58.0	215.4	37,700	59.3	212.2	38,600	150
	160	53.6	209.5	32,400	55.1	208.0	33,300	56.5	204.8	34,000	160
	170	50.7	201.4	28,700	52.2	199.9	29,400	53.5	196.5	30,100	170
	180	47.7	192.4	25,400	49.1	190.8	26,000	50.3	187.2	26,600	180
	190	44.4	182.3	22,400	45.9	180.7	23,000	47.0	176.9	23,500	190
200	41.0	171.1	19,800	42.4	169.3	20,300	43.5	165.2	20,700	200	
210	37.3	158.3	17,500	38.7	156.4	17,900				210	
220	33.3	143.6	15,300	34.6	141.4	15,700				220	
230	28.7	126.1	13,400							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
177,600 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	84,900*b	76.4	259.9	69,800*b	77.9	257.1	55,000*	80
	85	73.7	259.5	82,600*b	75.2	258.3	68,400*b	76.8	255.6	53,800*	85
	90	72.5	257.9	80,400*b	74.1	256.7	67,100*	75.6	254.0	52,600*	90
	95	71.4	256.2	78,400*b	72.9	255.0	65,800*	74.4	252.2	51,600*	95
	100	70.2	254.3	72,800b	71.7	253.1	64,700*	73.2	250.3	50,600*	100
	105	69.0	252.4	67,300b	70.6	251.1	63,600*	72.0	248.3	49,600*	105
	110	67.8	250.3	62,400b	69.4	249.0	62,500*	70.8	246.2	48,700*	110
	115	66.6	248.1	57,900b	68.2	246.8	59,400	69.6	243.9	47,800*	115
	120	65.4	245.7	53,900b	66.9	244.4	55,300	68.4	241.6	47,000*	120
	125	64.2	243.3	50,200b	65.7	242.0	51,600	67.2	239.0	46,200*	125
	130	63.0	240.7	46,900	64.5	239.3	48,100	65.9	236.4	45,400*	130
	140	60.5	235.0	41,000	62.0	233.7	42,100	63.3	230.7	43,200	140
	150	57.9	228.8	35,900	59.4	227.4	37,000	60.7	224.3	37,900	150
	160	55.3	221.9	31,600	56.7	220.5	32,500	58.0	217.3	33,300	160
	170	52.5	214.3	27,900	53.9	212.9	28,700	55.2	209.5	29,400	170
180	49.7	205.9	24,500	51.1	204.4	25,300	52.3	200.9	25,900	180	
190	46.7	196.6	21,600	48.1	195.0	22,200	49.2	191.3	22,800	190	
200	43.5	186.3	19,000	44.9	184.6	19,500	46.0	180.7	20,000	200	
210	40.2	174.7	16,600	41.5	172.8	17,100				210	
220	36.6	161.5	14,500	37.8	159.5	14,900				220	
230	32.6	146.4	12,600	33.8	144.2	12,900				230	
240	28.1	128.6	10,800							240	
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	88,500*b	78.0	271.6	71,800*b	79.5	268.9	56,700*	75
	80	75.4	271.5	86,100*b	76.9	270.2	70,400*b	78.4	267.5	55,500*	80
	85	74.3	270.0	83,800*b	75.8	268.8	69,000*b	77.3	266.1	54,300*	85
	90	73.2	268.4	81,700*b	74.7	267.2	67,800*	76.2	264.5	53,200*	90
	95	72.1	266.8	78,400b	73.6	265.5	66,500*	75.0	262.8	52,100*	95
	100	71.0	265.0	72,200b	72.4	263.8	65,400*	73.9	261.0	51,100*	100
	105	69.8	263.1	66,600b	71.3	261.9	64,300*	72.8	259.1	50,200*	105
	110	68.7	261.1	61,600b	70.2	259.9	63,200*	71.6	257.0	49,200*	110
	115	67.6	259.0	57,200b	69.0	257.7	58,800	70.4	254.9	48,400*	115
	120	66.4	256.8	53,100b	67.9	255.5	54,700	69.3	252.6	47,500*	120
	125	65.2	254.4	49,500b	66.7	253.1	50,900	68.1	250.2	46,800*	125
	130	64.1	251.9	46,100b	65.5	250.6	47,500	66.9	247.7	46,000*	130
	140	61.7	246.6	40,200	63.1	245.2	41,400	64.5	242.2	42,600	140
	150	59.2	240.7	35,200	60.7	239.3	36,300	62.0	236.2	37,300	150
	160	56.7	234.1	30,900	58.1	232.7	31,800	59.4	229.6	32,700	160
	170	54.1	227.0	27,100	55.5	225.5	28,000	56.7	222.2	28,700	170
180	51.4	219.1	23,800	52.8	217.6	24,600	54.0	214.2	25,200	180	
190	48.7	210.4	20,900	50.0	208.8	21,500	51.1	205.2	22,100	190	
200	45.7	200.8	18,200	47.1	199.1	18,800	48.1	195.4	19,300	200	
210	42.7	190.1	15,900	43.9	188.4	16,400	45.0	184.4	16,800	210	
220	39.4	178.2	13,800	40.6	176.3	14,200				220	
230	35.8	164.7	11,800	37.1	162.6	12,200				230	
240	32.0	149.2	10,100	33.1	146.9	10,400				240	
250	27.6	130.9	8,300*							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
177,600 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	89,700*b	78.4	281.9	72,400*b	79.9	279.2	57,200*	75
	80	75.9	281.8	87,300*b	77.4	280.6	71,000*b	78.8	277.9	55,900*	80
	85	74.9	280.4	85,000*b	76.3	279.2	69,700*b	77.7	276.5	54,800*	85
	90	73.8	278.9	82,900*b	75.2	277.7	68,400*b	76.7	274.9	53,700*	90
	95	72.7	277.3	77,700b	74.2	276.1	67,200*	75.6	273.3	52,600*	95
	100	71.7	275.6	71,400b	73.1	274.4	66,100*	74.5	271.6	51,600*	100
	105	70.6	273.8	65,800b	72.0	272.6	65,000*	73.4	269.8	50,700*	105
	110	69.5	271.9	60,900b	70.9	270.6	62,700	72.3	267.8	49,800*	110
	115	68.4	269.9	56,400b	69.8	268.6	58,100	71.2	265.7	48,900*	115
	120	67.3	267.7	52,400b	68.7	266.5	53,900	70.1	263.6	48,100*	120
	125	66.2	265.5	48,700b	67.6	264.2	50,200	68.9	261.3	47,300*	125
	130	65.1	263.1	45,300b	66.5	261.8	46,700	67.8	258.9	46,600*	130
	140	62.8	258.0	39,400	64.2	256.7	40,700	65.5	253.7	41,900	140
	150	60.4	252.3	34,400	61.8	251.0	35,500	63.1	247.9	36,600	150
	160	58.1	246.2	30,100	59.4	244.8	31,100	60.7	241.6	32,000	160
	170	55.6	239.4	26,300	56.9	237.9	27,200	58.2	234.7	28,000	170
	180	53.1	231.9	23,000	54.4	230.4	23,800	55.6	227.1	24,500	180
190	50.4	223.7	20,000	51.8	222.2	20,800	52.9	218.7	21,400	190	
200	47.7	214.7	17,400	49.0	213.1	18,100	50.1	209.5	18,600	200	
210	44.9	204.8	15,000	46.1	203.2	15,600	47.1	199.3	16,100	210	
220	41.8	193.9	12,900	43.1	192.1	13,400	44.0	188.0	13,800	220	
230	38.6	181.6	11,000	39.8	179.7	11,400				230	
240	35.2	167.8	9,200	36.3	165.7	9,600				240	
250	31.4	151.9	7,600	32.5	149.6	7,900				250	
260	27.1	133.3	5,600*							260	
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	90,000*b	78.8	292.2	73,000*b	80.2	289.5	57,400*	75
	80	76.4	292.2	88,400*b	77.8	291.0	71,600*b	79.2	288.2	56,400*	80
	85	75.4	290.8	86,200*b	76.8	289.6	70,300*b	78.2	286.8	55,300*	85
	90	74.4	289.4	84,000*b	75.8	288.1	69,000*b	77.2	285.4	54,200*	90
	95	73.4	287.8	77,300b	74.7	286.6	67,800*	76.1	283.8	53,100*	95
	100	72.3	286.2	71,100b	73.7	285.0	66,700*	75.1	282.2	52,200*	100
	105	71.3	284.5	65,500b	72.7	283.2	65,600*	74.0	280.4	51,200*	105
	110	70.2	282.6	60,500b	71.6	281.4	62,400	72.9	278.5	50,300*	110
	115	69.2	280.7	56,100b	70.6	279.4	57,800	71.9	276.5	49,500*	115
	120	68.1	278.6	52,000b	69.5	277.3	53,600	70.8	274.5	48,700*	120
	125	67.1	276.4	48,400b	68.4	275.2	49,900	69.7	272.3	47,900*	125
	130	66.0	274.2	45,000b	67.3	272.9	46,400	68.6	269.9	47,100*	130
	140	63.8	269.3	39,100b	65.1	268.0	40,400	66.4	265.0	41,600	140
	150	61.6	263.9	34,100	62.9	262.5	35,200	64.1	259.5	36,300	150
	160	59.3	258.0	29,700	60.6	256.6	30,800	61.8	253.5	31,700	160
	170	57.0	251.5	26,000	58.3	250.1	26,900	59.4	246.9	27,800	170
	180	54.5	244.5	22,600	55.8	243.0	23,500	57.0	239.7	24,300	180
190	52.1	236.7	19,700	53.3	235.2	20,500	54.5	231.8	21,100	190	
200	49.5	228.3	17,100	50.8	226.7	17,800	51.8	223.2	18,300	200	
210	46.8	219.0	14,700	48.1	217.4	15,300	49.1	213.7	15,800	210	
220	44.0	208.8	12,600	45.2	207.1	13,100	46.2	203.2	13,600	220	
230	41.1	197.5	10,700	42.3	195.7	11,100	43.2	191.5	11,500	230	
240	37.9	185.0	8,900	39.1	183.0	9,300				240	
250	34.5	170.8	7,300	35.6	168.7	7,600				250	
260	30.8	154.6	5,700*	31.8	152.2	6,100				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
177,600 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	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACI TY POUNDS	
2 6 0	60	80.8	306.8	90,000*b							60
	65	79.8	305.8	90,000*b							65
	70	78.8	304.8	90,000*b	80.2	303.6	74,900*b				70
	75	77.8	303.7	90,000*b	79.2	302.5	73,500*b	80.6	299.7	57,600*	75
	80	76.9	302.5	89,500*b	78.2	301.3	72,200*b	79.6	298.5	56,800*	80
	85	75.9	301.2	87,300*b	77.2	300.0	70,900*b	78.6	297.2	55,700*	85
	90	74.9	299.8	83,700b	76.3	298.6	69,600*b	77.6	295.8	54,600*	90
	95	73.9	298.3	76,600b	75.3	297.1	68,500*b	76.6	294.3	53,600*	95
	100	72.9	296.7	70,300b	74.3	295.5	67,300*	75.6	292.7	52,700*	100
	105	71.9	295.1	64,800b	73.3	293.8	66,300*	74.6	291.0	51,700*	105
	110	70.9	293.3	59,800b	72.3	292.0	61,700	73.6	289.2	50,800*	110
	115	69.9	291.4	55,300b	71.2	290.1	57,100	72.5	287.3	50,000*	115
	120	68.9	289.4	51,300b	70.2	288.2	53,000	71.5	285.3	49,200*	120
	125	67.9	287.4	47,600b	69.2	286.1	49,200	70.4	283.2	48,400*	125
	130	66.8	285.2	44,200b	68.1	283.9	45,700	69.4	280.9	47,200	130
	140	64.7	280.5	38,300b	66.0	279.1	39,700	67.3	276.2	41,000	140
	150	62.6	275.3	33,300	63.9	274.0	34,500	65.1	270.9	35,600	150
	160	60.4	269.7	28,900	61.7	268.3	30,000	62.9	265.2	31,100	160
	170	58.2	263.5	25,200	59.5	262.1	26,200	60.6	258.9	27,100	170
	180	55.9	256.8	21,800	57.2	255.3	22,700	58.3	252.1	23,500	180
	190	53.6	249.5	18,900	54.8	248.0	19,700	55.9	244.6	20,400	190
	200	51.1	241.5	16,300	52.4	239.9	17,000	53.4	236.4	17,600	200
	210	48.6	232.7	13,900	49.8	231.1	14,600	50.8	227.5	15,100	210
	220	46.0	223.2	11,800	47.2	221.5	12,400	48.1	217.7	12,800	220
	230	43.2	212.7	9,800	44.4	211.0	10,400	45.3	207.0	10,800	230
	240	40.3	201.2	8,100	41.5	199.3	8,500				240
250	37.2	188.3	6,400	38.4	186.3	6,800				250	
260	33.9	173.8	5,000	35.0	171.6	5,300				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
177,600 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	59,400*	65.0	172.1	50,100*	68.0	168.0	33,900*	105
	110	60.3	171.0	58,500*	63.3	169.0	48,700*	66.2	164.7	33,100*	110
	115	58.5	167.7	57,700*	61.5	165.6	47,300*	64.3	161.3	32,300*	115
	120	56.6	164.2	56,900*	59.6	162.0	46,100*	62.4	157.6	31,600*	120
	125	54.8	160.4	56,200*	57.7	158.2	44,900*	60.4	153.6	30,900*	125
	130	52.8	156.3	54,800	55.7	154.1	43,900*	58.4	149.4	30,200*	130
	140	48.8	147.3	48,900	51.7	144.9	41,900*	54.2	139.9	29,100*	140
150	44.5	136.9	43,900	47.3	134.2	40,000*	49.6	128.8	28,100*	150	
160	39.8	124.6	39,600	42.4	121.7	38,200*				160	
170	34.5	109.9	35,800	37.0	106.6	36,200				170	
180	28.2	91.5	32,400							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	60,200*	66.4	183.6	51,300*	69.3	179.5	34,600*	105
	110	61.9	182.8	59,300*	64.8	180.7	49,900*	67.6	176.5	33,700*	110
	115	60.2	179.7	58,500*	63.1	177.6	48,500*	65.8	173.3	33,000*	115
	120	58.5	176.4	57,700*	61.4	174.3	47,300*	64.1	169.8	32,200*	120
	125	56.8	172.9	57,000*	59.6	170.7	46,100*	62.2	166.2	31,500*	125
	130	55.0	169.2	54,000	57.8	166.9	45,000*	60.4	162.3	30,900*	130
	140	51.4	160.9	48,100	54.1	158.5	43,000*	56.5	153.6	29,700*	140
150	47.5	151.5	43,100	50.1	148.9	41,200*	52.4	143.7	28,700*	150	
160	43.3	140.6	38,700	45.8	137.8	39,400	48.0	132.1	27,800*	160	
170	38.7	127.9	34,900	41.1	124.8	35,500				170	
180	33.5	112.7	31,600	35.8	109.2	32,000				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	61,800*	69.2	197.6	53,900*	71.9	193.4	36,100*	100
	105	64.9	197.0	60,900*	67.7	195.0	52,400*	70.4	190.8	35,200*	105
	110	63.4	194.3	60,100*	66.1	192.2	51,000*	68.8	188.0	34,400*	110
	115	61.8	191.4	59,300*	64.5	189.3	49,700*	67.2	185.0	33,600*	115
	120	60.2	188.4	58,500*	62.9	186.2	48,400*	65.5	181.8	32,800*	120
	125	58.6	185.1	56,700	61.3	182.9	47,200*	63.8	178.4	32,100*	125
	130	57.0	181.6	53,300	59.6	179.4	46,100*	62.1	174.8	31,500*	130
	140	53.6	174.0	47,400	56.2	171.6	44,100*	58.6	166.8	30,300*	140
150	50.0	165.3	42,400	52.6	162.9	42,300*	54.8	157.8	29,300*	150	
160	46.2	155.5	38,000	48.7	152.9	38,800	50.8	147.4	28,400*	160	
170	42.1	144.2	34,200	44.5	141.3	34,900	46.5	135.4	27,600*	170	
180	37.7	131.1	30,900	40.0	127.9	31,400				180	
190	32.6	115.4	27,900	34.8	111.7	28,300				190	

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
177,600 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	62,500*	70.2	208.6	54,500*	72.9	204.4	36,600*	100
	105	66.1	208.3	61,600*	68.8	206.2	53,500*	71.4	202.0	35,800*	105
	110	64.7	205.7	60,800*	67.3	203.6	52,100*	69.9	199.3	34,900*	110
	115	63.2	203.0	60,000*	65.8	200.8	50,700*	68.4	196.5	34,200*	115
	120	61.7	200.1	59,200*	64.3	197.9	49,500*	66.8	193.5	33,400*	120
	125	60.2	197.0	55,900	62.8	194.8	48,300*	65.2	190.3	32,700*	125
	130	58.7	193.8	52,500	61.2	191.5	47,200*	63.7	187.0	32,100*	130
	140	55.5	186.7	46,600	58.0	184.3	45,100*	60.4	179.6	30,900*	140
	150	52.2	178.7	41,500	54.7	176.2	42,600	56.9	171.2	29,800*	150
	160	48.7	169.7	37,200	51.2	167.1	38,100	53.3	161.8	28,900*	160
	170	45.0	159.4	33,400	47.4	156.7	34,100	49.4	151.0	28,100*	170
180	41.1	147.7	30,000	43.3	144.7	30,700				180	
190	36.7	134.2	27,000	38.9	130.8	27,600				190	
200	31.8	118.0	24,400							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	63,200*	71.2	219.6	54,900*	73.7	215.4	37,100*	100
	105	67.3	219.3	62,300*	69.8	217.3	54,300*	72.3	213.0	36,300*	105
	110	65.9	216.9	61,500*	68.4	214.8	53,100*	70.9	210.5	35,500*	110
	115	64.5	214.4	60,700*	67.0	212.2	51,800*	69.4	207.9	34,700*	115
	120	63.1	211.6	59,000	65.6	209.5	50,500*	68.0	205.0	34,000*	120
	125	61.7	208.7	55,300	64.1	206.5	49,300*	66.5	202.1	33,300*	125
	130	60.2	205.7	52,000	62.7	203.4	48,200*	65.0	198.9	32,600*	130
	140	57.2	199.0	46,000	59.7	196.7	46,100*	61.9	192.0	31,400*	140
	150	54.2	191.6	41,000	56.5	189.2	42,100	58.7	184.2	30,400*	150
	160	50.9	183.2	36,600	53.3	180.7	37,600	55.4	175.5	29,400*	160
	170	47.6	173.9	32,800	49.8	171.2	33,700	51.8	165.7	28,600*	170
180	44.0	163.3	29,500	46.2	160.4	30,200	48.0	154.5	27,800*	180	
190	40.1	151.2	26,500	42.2	148.1	27,100				190	
200	35.8	137.2	23,800	37.9	133.7	24,300				200	
210	31.0	120.6	21,400							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
177,600 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	64,700*	73.3	232.5	55,800*	75.7	228.3	38,500*	95
	100	69.6	232.5	63,800*	72.0	230.4	55,200*	74.4	226.2	37,600*	100
	105	68.3	230.3	62,900*	70.7	228.2	54,700*	73.1	224.0	36,800*	105
	110	67.0	228.0	62,100*	69.4	225.9	54,100*	71.8	221.6	36,000*	110
	115	65.6	225.6	61,300*	68.1	223.4	52,700*	70.4	219.1	35,200*	115
	120	64.3	223.0	58,300*	66.7	220.8	51,500*	69.0	216.4	34,500*	120
	125	63.0	220.3	54,600*	65.3	218.1	50,300*	67.6	213.6	33,800*	125
	130	61.6	217.4	51,200*	64.0	215.2	49,200*	66.2	210.6	33,200*	130
	140	58.8	211.1	45,300	61.1	208.8	46,600	63.3	204.1	32,000*	140
	150	55.9	204.1	40,200	58.2	201.7	41,400	60.3	196.9	30,900*	150
	160	52.9	196.3	35,800	55.2	193.9	36,900	57.2	188.8	29,900*	160
	170	49.8	187.7	32,000	52.0	185.1	32,900	53.9	179.7	29,100*	170
	180	46.5	177.9	28,600	48.6	175.2	29,400	50.5	169.5	28,300*	180
	190	42.9	167.0	25,700	45.1	164.0	26,400	46.7	157.9	26,900	190
200	39.2	154.5	23,000	41.2	151.3	23,600				200	
210	35.0	140.1	20,600	36.9	136.6	21,100				210	
220	30.3	123.1	18,400							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	65,300*	74.0	243.2	56,100*	76.4	238.9	39,000*	95
	100	70.4	243.3	64,400*	72.8	241.2	55,600*	75.1	236.9	38,100*	100
	105	69.2	241.2	63,500*	71.5	239.1	55,000*	73.8	234.8	37,300*	105
	110	67.9	239.0	62,700*	70.3	236.9	54,500*	72.6	232.6	36,500*	110
	115	66.7	236.7	61,700	69.0	234.6	53,700*	71.3	230.2	35,700*	115
	120	65.4	234.3	57,600	67.7	232.1	52,400*	70.0	227.7	35,000*	120
	125	64.1	231.7	53,900	66.4	229.5	51,200*	68.6	225.0	34,300*	125
	130	62.8	228.9	50,500	65.1	226.7	50,100*	67.3	222.2	33,700*	130
	140	60.2	223.0	44,500	62.5	220.7	46,000	64.6	216.0	32,500*	140
	150	57.5	216.4	39,500	59.7	214.0	40,700	61.8	209.2	31,400*	150
	160	54.7	209.1	35,100	56.8	206.6	36,200	58.8	201.6	30,400*	160
170	51.7	201.0	31,300	53.9	198.4	32,300	55.8	193.2	29,500*	170	
180	48.7	192.0	27,900	50.8	189.3	28,800	52.6	183.8	28,800*	180	
190	45.4	181.9	24,900	47.5	179.1	25,700	49.2	173.2	26,400	190	
200	42.0	170.6	22,300	44.0	167.6	22,900				200	
210	38.3	157.8	19,900	40.2	154.5	20,400				210	
220	34.2	143.0	17,700	36.1	139.3	18,200				220	
230	29.7	125.5	15,700							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
177,600 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	65,800*	74.7	253.8	56,400*	76.9	249.5	39,400*	95
	100	71.2	254.0	65,000*	73.5	251.9	55,900*	75.7	247.6	38,500*	100
	105	70.0	252.1	64,100*	72.3	249.9	55,400*	74.5	245.6	37,700*	105
	110	68.8	250.0	63,300*	71.1	247.8	54,800*	73.3	243.5	36,900*	110
	115	67.6	247.7	60,900	69.9	245.6	54,400*	72.1	241.2	36,200*	115
	120	66.4	245.4	56,800	68.7	243.2	53,300*	70.8	238.8	35,500*	120
	125	65.2	242.9	53,100	67.4	240.7	52,100*	69.6	236.2	34,800*	125
	130	64.0	240.3	49,700	66.2	238.1	51,000*	68.3	233.6	34,100*	130
	140	61.5	234.7	43,700	63.7	232.4	45,300	65.7	227.7	33,000*	140
	150	58.9	228.5	38,700	61.0	226.1	40,000	63.0	221.3	31,900*	150
	160	56.2	221.6	34,300	58.4	219.1	35,500	60.3	214.2	30,900*	160
	170	53.5	214.0	30,500	55.6	211.4	31,500	57.4	206.3	30,000*	170
	180	50.6	205.6	27,100	52.7	202.9	28,100	54.5	197.5	28,900	180
190	47.6	196.2	24,100	49.6	193.5	25,000	51.3	187.8	25,700	190	
200	44.5	185.9	21,500	46.4	182.9	22,200	48.0	176.9	22,800	200	
210	41.1	174.2	19,100	43.0	171.1	19,700				210	
220	37.5	161.0	16,900	39.3	157.6	17,400				220	
230	33.5	145.9	14,900	35.2	142.0	15,400				230	
240	29.0	127.9	13,100							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	66,400*	75.2	264.4	56,700*	77.4	260.1	39,800*	95
	100	71.9	264.7	65,500*	74.1	262.6	56,200*	76.3	258.3	39,000*	100
	105	70.8	262.8	64,700*	73.0	260.7	55,700*	75.1	256.3	38,100*	105
	110	69.7	260.8	63,900*	71.8	258.6	55,200*	74.0	254.3	37,400*	110
	115	68.5	258.7	60,600	70.7	256.5	54,700*	72.8	252.1	36,600*	115
	120	67.4	256.5	56,500	69.5	254.3	54,200*	71.6	249.8	35,900*	120
	125	66.2	254.1	52,800	68.3	251.9	53,000*	70.4	247.4	35,200*	125
	130	65.0	251.6	49,400	67.2	249.4	51,200	69.2	244.8	34,600*	130
	140	62.6	246.2	43,500	64.7	243.9	45,000	66.7	239.3	33,400*	140
	150	60.2	240.3	38,400	62.3	238.0	39,800	64.2	233.2	32,300*	150
	160	57.7	233.8	34,000	59.7	231.4	35,200	61.6	226.5	31,300*	160
	170	55.1	226.6	30,200	57.1	224.1	31,300	58.9	219.0	30,400*	170
	180	52.4	218.7	26,800	54.4	216.1	27,800	56.1	210.8	28,700	180
190	49.6	210.0	23,800	51.5	207.3	24,700	53.2	201.8	25,500	190	
200	46.7	200.4	21,200	48.6	197.5	22,000	50.2	191.7	22,600	200	
210	43.6	189.7	18,800	45.4	186.6	19,500	46.9	180.4	20,000	210	
220	40.3	177.7	16,600	42.1	174.5	17,200				220	
230	36.7	164.2	14,600	38.5	160.6	15,100				230	
240	32.8	148.6	12,800	34.5	144.7	13,200				240	
250	28.4	130.3	11,200							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
177,600 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	67,700*	76.9	276.5	57,500*	79.0	272.2	41,100*	90
	95	73.7	277.0	66,800*	75.8	274.9	57,000*	77.9	270.6	40,200*	95
	100	72.6	275.3	66,000*	74.7	273.2	56,400*	76.8	268.8	39,300*	100
	105	71.5	273.5	65,200*	73.6	271.3	55,900*	75.7	267.0	38,500*	105
	110	70.4	271.6	64,400*	72.5	269.4	55,400*	74.6	265.0	37,800*	110
	115	69.3	269.6	59,900*	71.4	267.4	55,000*	73.5	262.9	37,000*	115
	120	68.2	267.4	55,800	70.3	265.2	54,500*	72.3	260.7	36,300*	120
	125	67.1	265.1	52,100	69.2	262.9	53,800*	71.2	258.4	35,700*	125
	130	66.0	262.8	48,700	68.0	260.5	50,500	70.0	256.0	35,000*	130
	140	63.7	257.6	42,700	65.7	255.4	44,300	67.7	250.7	33,900*	140
	150	61.4	252.0	37,600	63.4	249.7	39,100	65.3	244.9	32,800*	150
	160	59.0	245.8	33,200	61.0	243.4	34,500	62.8	238.5	31,800*	160
	170	56.5	239.0	29,400	58.5	236.5	30,600	60.3	231.5	30,900*	170
	180	54.0	231.5	26,000	55.9	229.0	27,100	57.6	223.8	28,100	180
	190	51.3	223.4	23,000	53.3	220.7	24,000	54.9	215.3	24,800	190
200	48.6	214.3	20,400	50.5	211.6	21,200	52.1	205.9	22,000	200	
210	45.7	204.4	18,000	47.6	201.5	18,700	49.1	195.5	19,400	210	
220	42.7	193.4	15,800	44.5	190.3	16,500	45.9	183.9	17,000	220	
230	39.5	181.1	13,800	41.2	177.8	14,400				230	
240	36.0	167.3	12,000	37.7	163.6	12,500				240	
250	32.2	151.3	10,400							250	
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	68,200*	77.3	286.9	57,800*	79.4	282.6	41,400*	90
	95	74.2	287.5	67,300*	76.3	285.4	57,200*	78.4	281.1	40,600*	95
	100	73.2	285.9	66,500*	75.3	283.7	56,700*	77.3	279.4	39,700*	100
	105	72.2	284.1	65,700*	74.2	282.0	56,200*	76.2	277.6	38,900*	105
	110	71.1	282.3	63,700	73.2	280.1	55,700*	75.2	275.7	38,200*	110
	115	70.1	280.3	59,200	72.1	278.1	55,300*	74.1	273.7	37,400*	115
	120	69.0	278.3	55,100	71.0	276.1	54,800*	73.0	271.6	36,800*	120
	125	67.9	276.1	51,400	70.0	273.9	53,400	71.9	269.4	36,100*	125
	130	66.9	273.8	48,000	68.9	271.6	49,900	70.8	267.0	35,500*	130
	140	64.7	268.9	42,000	66.7	266.6	43,700	68.5	262.0	34,300*	140
	150	62.4	263.5	36,900	64.4	261.2	38,400	66.3	256.5	33,200*	150
160	60.2	257.6	32,500	62.1	255.2	33,900	63.9	250.4	32,200*	160	
170	57.8	251.2	28,700	59.7	248.7	29,900	61.5	243.7	31,100	170	
180	55.4	244.1	25,300	57.3	241.5	26,400	59.0	236.4	27,500	180	
190	52.9	236.4	22,300	54.8	233.7	23,300	56.4	228.4	24,200	190	
200	50.4	227.9	19,600	52.2	225.2	20,600	53.8	219.6	21,400	200	
210	47.7	218.6	17,200	49.5	215.8	18,100	51.0	209.9	18,800	210	
220	44.9	208.4	15,100	46.6	205.4	15,800	48.0	199.3	16,400	220	
230	41.9	197.1	13,100	43.6	193.9	13,700				230	
240	38.8	184.5	11,300	40.4	181.1	11,900				240	
250	35.3	170.3	9,700	36.9	166.6	10,100				250	
260	31.6	154.0	8,100							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
177,600 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	
240	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	68,600*	77.8	297.3	58,000*	79.8	293.0	41,800*	90
	95	74.8	298.0	67,800*	76.8	295.8	57,500*	78.8	291.5	40,900*	95
	100	73.8	296.4	66,900*	75.8	294.2	57,000*	77.8	289.9	40,100*	100
	105	72.8	294.7	66,200*	74.8	292.6	56,500*	76.7	288.2	39,300*	105
	110	71.8	293.0	63,000	73.8	290.8	56,000*	75.7	286.3	38,500*	110
	115	70.8	291.1	58,500	72.7	288.9	55,500*	74.7	284.4	37,800*	115
	120	69.7	289.1	54,400	71.7	286.9	55,100*	73.6	282.4	37,100*	120
	125	68.7	287.0	50,600	70.7	284.8	52,800	72.6	280.3	36,500*	125
	130	67.7	284.8	47,200	69.6	282.6	49,200	71.5	278.0	35,900*	130
	140	65.6	280.1	41,200	67.5	277.8	43,000	69.3	273.2	34,700*	140
	150	63.5	275.0	36,100	65.4	272.6	37,800	67.1	267.9	33,600*	150
	160	61.3	269.3	31,700	63.2	266.9	33,200	64.9	262.1	32,600*	160
	170	59.0	263.1	27,900	60.9	260.7	29,200	62.6	255.7	30,500	170
	180	56.7	256.4	24,500	58.6	253.9	25,700	60.3	248.8	26,800	180
	190	54.4	249.1	21,500	56.2	246.5	22,600	57.8	241.2	23,600	190
	200	52.0	241.1	18,800	53.7	238.4	19,800	55.3	232.9	20,700	200
	210	49.4	232.3	16,400	51.2	229.5	17,300	52.7	223.9	18,100	210
	220	46.8	222.8	14,300	48.5	219.9	15,000	50.0	213.9	15,700	220
	230	44.1	212.3	12,300	45.7	209.2	13,000	47.1	202.9	13,600	230
240	41.2	200.7	10,500	42.8	197.4	11,100				240	
250	38.1	187.8	8,800	39.6	184.3	9,400				250	
260	34.7	173.3	7,300	36.2	169.4	7,800				260	
270	31.0	156.6	5,800*							270	
250	65	81.0	315.7	60,000* ^b							65
	70	80.0	314.7	60,000* ^b							70
	75	79.1	313.6	60,000* ^b							75
	80	78.1	312.5	60,000* ^b	80.1	310.3	59,300*				80
	85	77.2	311.2	60,000*	79.1	309.1	58,700*				85
	90	76.2	309.9	60,000*	78.2	307.7	58,200*	80.1	303.4	42,100*	90
	95	75.3	308.4	60,000*	77.2	306.3	57,700*	79.2	301.9	41,200*	95
	100	74.3	306.9	60,000*	76.3	304.7	57,200*	78.2	300.3	40,400*	100
	105	73.4	305.3	60,000*	75.3	303.1	56,700*	77.2	298.7	39,600*	105
	110	72.4	303.6	60,000*	74.3	301.4	56,200*	76.2	296.9	38,900*	110
	115	71.4	301.8	58,100	73.3	299.6	55,800*	75.2	295.1	38,200*	115
	120	70.4	299.9	54,000	72.3	297.6	55,400*	74.2	293.1	37,500*	120
	125	69.4	297.9	50,300	71.3	295.6	52,500	73.2	291.1	36,900*	125
	130	68.4	295.8	46,900	70.3	293.5	48,900	72.1	288.9	36,200*	130
	140	66.4	291.2	40,900	68.3	288.9	42,700	70.1	284.3	35,100*	140
	150	64.4	286.3	35,800	66.2	283.9	37,400	68.0	279.2	34,000*	150
	160	62.3	280.9	31,400	64.1	278.5	32,900	65.8	273.6	33,000*	160
	170	60.2	275.0	27,500	62.0	272.5	28,900	63.6	267.6	30,200	170
	180	58.0	268.5	24,100	59.8	266.0	25,400	61.4	261.0	26,500	180
	190	55.7	261.5	21,100	57.5	259.0	22,300	59.1	253.8	23,300	190
	200	53.4	254.0	18,500	55.2	251.3	19,500	56.7	245.9	20,400	200
	210	51.0	245.7	16,100	52.8	242.9	17,000	54.2	237.4	17,800	210
	220	48.6	236.7	13,900	50.3	233.8	14,700	51.7	228.0	15,500	220
	230	46.0	226.9	11,900	47.6	223.9	12,700	49.0	217.8	13,300	230
240	43.3	216.1	10,100	44.9	213.0	10,800	46.2	206.5	11,300	240	
250	40.4	204.2	8,500	42.0	200.9	9,100				250	
260	37.4	191.0	7,000	38.9	187.4	7,500				260	
270	34.1	176.2	5,600	35.5	172.2	6,000				270	

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

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M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
177,600 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	
260	70	80.3	324.9	60,000* ^b							70
	75	79.4	323.9	60,000* ^b							75
	80	78.5	322.7	60,000*	80.4	320.6	59,500*				80
	85	77.6	321.5	60,000*	79.5	319.4	58,900*				85
	90	76.7	320.2	60,000*	78.6	318.1	58,400*	80.5	313.7	42,400*	90
	95	75.8	318.8	60,000*	77.6	316.7	57,900*	79.5	312.3	41,500*	95
	100	74.8	317.4	60,000*	76.7	315.2	57,400*	78.6	310.8	40,700*	100
	105	73.9	315.8	60,000*	75.8	313.6	56,900*	77.6	309.2	40,000*	105
	110	73.0	314.2	60,000*	74.8	311.9	56,500*	76.6	307.5	39,200*	110
	115	72.0	312.4	57,400	73.9	310.2	56,000*	75.7	305.7	38,500*	115
	120	71.1	310.6	53,300	72.9	308.3	55,600*	74.7	303.8	37,900*	120
	125	70.1	308.6	49,600	72.0	306.4	51,800	73.7	301.9	37,200*	125
	130	69.2	306.6	46,100	71.0	304.3	48,300	72.8	299.8	36,600*	130
	140	67.2	302.3	40,100	69.0	300.0	42,100	70.8	295.3	35,500*	140
	150	65.2	297.5	35,000	67.0	295.1	36,800	68.7	290.4	34,400*	150
	160	63.2	292.3	30,600	65.0	289.9	32,200	66.7	285.1	33,400*	160
	170	61.2	286.6	26,700	63.0	284.2	28,200	64.6	279.3	29,600	170
	180	59.1	280.5	23,400	60.8	278.0	24,700	62.4	273.0	25,900	180
	190	57.0	273.8	20,400	58.7	271.3	21,600	60.2	266.1	22,700	190
	200	54.8	266.6	17,700	56.5	264.0	18,800	58.0	258.6	19,800	200
	210	52.5	258.7	15,300	54.2	256.0	16,300	55.6	250.5	17,100	210
	220	50.2	250.2	13,100	51.8	247.4	14,000	53.2	241.7	14,800	220
	230	47.7	241.0	11,100	49.4	238.1	11,900	50.7	232.1	12,600	230
	240	45.2	230.9	9,300	46.8	227.8	10,100	48.1	221.6	10,700	240
	250	42.6	219.8	7,700	44.1	216.6	8,300				250
	260	39.8	207.7	6,200	41.3	204.3	6,700				260
	270	36.8	194.2	4,800	38.2	190.5	5,300				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
177,600 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	38,100*	57.9	171.2	34,900*	61.3	165.6	24,400*	140
	150	50.8	165.3	37,100*	54.3	162.4	33,000*	57.5	156.4	23,500*	150
160	47.0	155.4	36,200*	50.4	152.3	31,200*	53.5	145.9	22,600*	160	
170	42.9	144.1	35,400*	46.2	140.8	29,700*	49.1	133.8	21,800*	170	
180	38.4	131.0	33,400*	41.6	127.2	28,400*				180	
190	33.4	115.3	30,400	36.4	111.0	27,300*				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	38,700*	59.7	183.8	36,000*	63.0	178.2	24,900*	140
	150	52.9	178.6	37,700*	56.3	175.7	34,000*	59.5	169.8	23,900*	150
160	49.5	169.6	36,800*	52.8	166.5	32,300*	55.8	160.3	23,100*	160	
170	45.8	159.3	35,900*	49.0	156.1	30,700*	51.9	149.4	22,300*	170	
180	41.8	147.6	32,600	44.9	144.1	29,300*	47.6	136.8	21,600*	180	
190	37.4	134.1	29,600	40.5	130.1	28,100*				190	
200	32.5	117.9	27,000	35.4	113.3	27,100*				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	39,300*	61.3	196.2	36,700*	64.4	190.6	25,400*	140
	150	54.9	191.5	38,300*	58.1	188.6	35,000*	61.2	182.8	24,400*	150
	160	51.6	183.1	37,300*	54.9	180.1	33,300*	57.8	174.0	23,500*	160
170	48.3	173.7	35,300	51.4	170.6	31,700*	54.2	164.1	22,700*	170	
180	44.7	163.1	31,900	47.7	159.8	30,200*	50.4	152.7	22,000*	180	
190	40.8	151.1	28,900	43.7	147.4	29,000*	46.2	139.7	21,500*	190	
200	36.5	137.1	26,200	39.4	133.0	26,800				200	
210	31.7	120.4	23,800	34.4	115.7	24,300				210	

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
177,600 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	41,000*	65.5	214.6	37,900*	68.6	209.2	27,000*	130
	140	59.5	211.0	39,900*	62.7	208.3	37,100*	65.7	202.7	25,900*	140
	150	56.6	204.0	38,800*	59.7	201.2	36,000*	62.7	195.4	24,900*	150
	160	53.6	196.2	37,900*	56.7	193.3	34,200*	59.5	187.2	24,000*	160
	170	50.4	187.6	34,500*	53.5	184.4	32,600*	56.2	178.0	23,200*	170
	180	47.1	177.8	31,100	50.1	174.5	31,100*	52.7	167.7	22,500*	180
190	43.6	166.9	28,100	46.5	163.3	28,900	49.0	156.0	21,800*	190	
200	39.8	154.4	25,400	42.6	150.6	26,100				200	
210	35.7	140.0	23,000	38.4	135.7	23,600				210	
220	31.0	122.9	20,800							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	42,100*	67.9	228.9	38,700*	71.0	223.5	28,000*	125
	130	63.5	228.8	41,500*	66.6	226.1	38,300*	69.6	220.7	27,400*	130
	140	60.8	222.9	40,400*	63.9	220.1	37,500*	66.9	214.5	26,300*	140
	150	58.1	216.3	39,400*	61.1	213.5	36,700*	64.0	207.6	25,300*	150
	160	55.3	209.0	37,700	58.3	206.0	35,100*	61.1	200.0	24,400*	160
	170	52.4	200.9	33,900	55.3	197.8	33,500*	58.0	191.5	23,600*	170
	180	49.3	191.9	30,500	52.2	188.6	31,600	54.8	182.0	22,900*	180
190	46.1	181.8	27,500	48.9	178.4	28,400	51.3	171.3	22,200*	190	
200	42.6	170.5	24,900	45.4	166.8	25,700	47.7	159.2	21,700*	200	
210	38.9	157.7	22,500	41.6	153.7	23,100				210	
220	34.9	142.9	20,300	37.4	138.4	20,800				220	
230	30.3	125.3	18,300							230	

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LIFTCRANE JIB CAPACITIES

MEETS
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M-250T

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
177,600 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	42,600*	68.8	240.2	39,100*	71.8	234.7	28,400*	125
	130	64.6	240.2	42,000*	67.6	237.5	38,600*	70.5	232.0	27,800*	130
	140	62.1	234.6	40,900*	65.1	231.8	37,800*	67.9	226.2	26,700*	140
	150	59.5	228.4	39,900*	62.4	225.5	37,000*	65.2	219.7	25,700*	150
	160	56.9	221.5	36,900	59.7	218.5	36,100*	62.5	212.5	24,800*	160
	170	54.1	213.9	33,100	57.0	210.8	34,400*	59.6	204.5	24,000*	170
	180	51.2	205.4	29,700	54.0	202.2	30,900	56.6	195.7	23,300*	180
	190	48.3	196.1	26,700	51.0	192.7	27,700	53.4	185.9	22,600*	190
	200	45.1	185.7	24,100	47.8	182.2	24,900	50.1	174.8	22,000*	200
	210	41.7	174.1	21,600	44.3	170.3	22,400	46.5	162.4	21,500*	210
	220	38.1	160.9	19,500	40.6	156.7	20,100				220
230	34.1	145.7	17,500	36.5	141.1	18,000				230	
240	29.6	127.7	15,700							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	43,000*	69.7	251.3	39,400*	72.6	245.8	28,800*	125
	130	65.6	251.5	42,500*	68.5	248.8	38,900*	71.3	243.3	28,200*	130
	140	63.2	246.1	41,400*	66.1	243.3	38,100*	68.9	237.7	27,100*	140
	150	60.8	240.2	40,400*	63.6	237.3	37,400*	66.3	231.5	26,100*	150
	160	58.3	233.7	36,200	61.1	230.7	36,700*	63.7	224.7	25,200*	160
	170	55.7	226.5	32,400	58.4	223.5	33,800	61.0	217.3	24,400*	170
	180	53.0	218.6	29,000	55.7	215.4	30,200	58.2	209.0	23,600*	180
	190	50.2	209.9	26,000	52.9	206.6	27,100	55.2	199.8	23,000*	190
	200	47.3	200.2	23,300	49.9	196.8	24,300	52.1	189.7	22,400*	200
	210	44.2	189.5	20,900	46.7	185.8	21,800	48.9	178.3	21,800*	210
	220	40.9	177.6	18,700	43.4	173.6	19,500				220
	230	37.3	164.0	16,800	39.7	159.7	17,400				230
240	33.4	148.4	14,900	35.7	143.6	15,500				240	
250	29.0	130.1	13,300							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
177,600 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	44,100*	71.6	264.6	40,100*	74.4	259.2	29,700*	120
	125	67.7	265.0	43,500*	70.5	262.3	39,700*	73.2	256.8	29,100*	125
	130	66.6	262.7	42,900*	69.4	259.9	39,200*	72.1	254.4	28,500*	130
	140	64.3	257.5	41,800*	67.0	254.7	38,400*	69.7	249.1	27,500*	140
	150	61.9	251.9	39,900	64.7	249.0	37,700*	67.3	243.2	26,500*	150
	160	59.6	245.7	35,400	62.3	242.7	37,000*	64.8	236.8	25,600*	160
	170	57.1	238.9	31,600	59.8	235.8	33,100	62.3	229.7	24,800*	170
	180	54.6	231.4	28,200	57.2	228.3	29,500	59.6	221.9	24,000*	180
	190	51.9	223.2	25,200	54.5	220.0	26,400	56.9	213.3	23,300*	190
200	49.2	214.2	22,500	51.7	210.8	23,600	54.0	203.9	22,700*	200	
210	46.3	204.3	20,100	48.8	200.7	21,000	51.0	193.4	21,900	210	
220	43.3	193.3	17,900	45.7	189.5	18,800	47.7	181.7	19,400	220	
230	40.1	181.0	15,900	42.4	176.9	16,700				230	
240	36.6	167.1	14,100	38.9	162.6	14,700				240	
250	32.8	151.2	12,500	34.9	146.2	13,000				250	
260	28.4	132.4	10,900							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	44,500*	72.3	275.5	40,400*	75.0	270.0	30,100*	120
	125	68.5	276.0	43,900*	71.2	273.3	39,900*	73.9	267.7	29,500*	125
	130	67.4	273.7	43,300*	70.1	271.0	39,500*	72.8	265.4	28,900*	130
	140	65.2	268.8	42,300*	67.9	266.0	38,700*	70.5	260.3	27,800*	140
	150	63.0	263.4	39,500	65.7	260.6	38,000*	68.2	254.7	26,800*	150
	160	60.7	257.5	35,100	63.4	254.6	36,800	65.8	248.6	25,900*	160
	170	58.4	251.0	31,300	61.0	248.0	32,800	63.4	241.9	25,100*	170
	180	56.0	244.0	27,900	58.5	240.8	29,300	60.9	234.5	24,400*	180
	190	53.5	236.2	24,900	56.0	233.0	26,100	58.3	226.4	23,700*	190
200	50.9	227.8	22,200	53.4	224.4	23,300	55.6	217.6	23,100*	200	
210	48.2	218.5	19,800	50.7	215.0	20,800	52.8	207.8	21,700	210	
220	45.4	208.2	17,600	47.8	204.6	18,500	49.8	197.0	19,300	220	
230	42.5	196.9	15,600	44.8	193.0	16,400	46.7	185.0	17,100	230	
240	39.3	184.3	13,800	41.6	180.1	14,500				240	
250	35.9	170.1	12,200	38.1	165.5	12,700				250	
260	32.1	153.8	10,600	34.2	148.7	11,100				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
177,600 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	
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	45,400*	74.0	288.3	41,000*	76.6	282.8	31,000*	115
	120	70.3	289.0	44,900*	72.9	286.3	40,600*	75.5	280.7	30,400*	120
	125	69.3	286.9	44,300*	71.9	284.2	40,200*	74.5	278.6	29,800*	125
	130	68.2	284.7	43,800*	70.8	281.9	39,800*	73.4	276.3	29,200*	130
	140	66.1	280.0	42,700*	68.7	277.2	39,000*	71.2	271.5	28,100*	140
	150	64.0	274.8	38,800	66.6	272.0	38,300*	69.0	266.1	27,200*	150
	160	61.8	269.2	34,400	64.4	266.2	36,100	66.8	260.3	26,300*	160
	170	59.6	263.0	30,500	62.1	260.0	32,100	64.5	253.9	25,500*	170
	180	57.3	256.3	27,100	59.8	253.2	28,600	62.1	246.9	24,700*	180
	190	54.9	248.9	24,100	57.4	245.7	25,400	59.6	239.2	24,000*	190
	200	52.5	240.9	21,400	54.9	237.6	22,600	57.1	230.9	23,400*	200
210	50.0	232.2	19,000	52.4	228.7	20,100	54.5	221.7	21,000	210	
220	47.4	222.6	16,800	49.7	219.0	17,800	51.7	211.7	18,600	220	
230	44.6	212.1	14,800	46.9	208.3	15,700	48.8	200.6	16,400	230	
240	41.7	200.5	13,000	43.9	196.5	13,800				240	
250	38.6	187.6	11,400	40.7	183.3	12,000				250	
260	35.2	173.1	9,800	37.3	168.3	10,400				260	
270	31.5	156.4	8,400							270	
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	45,800*	74.5	298.9	41,300*	77.1	293.4	31,300*	115
	120	71.0	299.7	45,200*	73.5	297.0	40,900*	76.1	291.4	30,700*	120
	125	70.0	297.7	44,700*	72.5	295.0	40,500*	75.0	289.4	30,100*	125
	130	69.0	295.6	44,100*	71.5	292.8	40,000*	74.0	287.2	29,500*	130
	140	67.0	291.1	43,100*	69.5	288.3	39,300*	71.9	282.5	28,500*	140
	150	64.9	286.2	38,100	67.4	283.3	38,500*	69.8	277.4	27,500*	150
	160	62.8	280.7	33,700	65.3	277.8	35,500	67.6	271.8	26,600*	160
	170	60.7	274.8	29,800	63.1	271.8	31,500	65.4	265.7	25,800*	170
	180	58.5	268.4	26,400	60.9	265.3	27,900	63.2	259.0	25,000*	180
	190	56.3	261.4	23,400	58.6	258.2	24,800	60.8	251.8	24,300*	190
	200	53.9	253.8	20,700	56.3	250.5	22,000	58.4	243.9	23,100	200
210	51.6	245.6	18,300	53.9	242.2	19,400	56.0	235.3	20,500	210	
220	49.1	236.6	16,100	51.4	233.0	17,100	53.4	225.8	18,100	220	
230	46.5	226.7	14,100	48.8	223.0	15,000	50.6	215.5	15,800	230	
240	43.8	215.9	12,300	46.0	212.0	13,100	47.8	204.1	13,800	240	
250	40.9	204.0	10,600	43.1	199.9	11,400				250	
260	37.9	190.8	9,100	40.0	186.4	9,700				260	
270	34.6	176.0	7,700	36.6	171.1	8,200				270	
280	31.0	159.0	6,400*							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
177,600 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	
240	70	80.9	324.8	52,100*							70
	75	80.0	323.8	51,300*							75
	80	79.0	322.6	50,600*							80
	85	78.1	321.4	49,900*	80.7	318.7	44,400*				85
	90	77.2	320.1	49,200*	79.7	317.4	43,900*				90
	95	76.3	318.7	48,600*	78.8	316.0	43,400*				95
	100	75.3	317.3	48,000*	77.9	314.5	42,900*	80.4	309.1	33,600*	100
	105	74.4	315.7	47,300*	76.9	313.0	42,400*	79.4	307.5	32,900*	105
	110	73.5	314.0	46,700*	76.0	311.3	42,000*	78.5	305.8	32,200*	110
	115	72.5	312.3	46,200*	75.0	309.5	41,500*	77.5	304.0	31,600*	115
	120	71.6	310.5	45,600*	74.1	307.7	41,100*	76.5	302.1	31,000*	120
	125	70.6	308.5	45,000*	73.1	305.7	40,700*	75.5	300.1	30,400*	125
	130	69.7	306.5	44,500*	72.1	303.7	40,300*	74.6	298.0	29,800*	130
	140	67.7	302.1	42,500	70.2	299.3	39,500*	72.6	293.5	28,800*	140
	150	65.8	297.4	37,300	68.2	294.5	38,800*	70.5	288.6	27,800*	150
	160	63.7	292.2	32,900	66.1	289.2	34,900	68.4	283.2	26,900*	160
	170	61.7	286.5	29,000	64.1	283.5	30,800	66.3	277.4	26,100*	170
	180	59.6	280.3	25,600	62.0	277.3	27,200	64.2	271.0	25,400*	180
	190	57.5	273.7	22,600	59.8	270.5	24,100	61.9	264.1	24,700*	190
	200	55.3	266.4	19,900	57.6	263.2	21,300	59.7	256.6	22,500	200
210	53.0	258.6	17,500	55.3	255.2	18,700	57.3	248.4	19,800	210	
220	50.7	250.1	15,300	52.9	246.6	16,400	54.9	239.5	17,400	220	
230	48.2	240.8	13,300	50.4	237.2	14,300	52.3	229.8	15,200	230	
240	45.7	230.7	11,500	47.9	226.9	12,400	49.7	219.2	13,200	240	
250	43.1	219.7	9,800	45.2	215.7	10,600	46.8	207.5	11,300	250	
260	40.2	207.5	8,300	42.3	203.3	9,000				260	
270	37.3	194.0	6,900	39.2	189.4	7,500				270	
280	34.0	178.8	5,600	35.9	173.8	6,100				280	
290	30.5	161.5	4,000*							290	
250	75	80.3	334.0	51,600*							75
	80	79.4	332.9	50,900*							80
	85	78.5	331.7	50,200*	80.9	329.0	44,500*				85
	90	77.6	330.4	49,500*	80.1	327.7	44,000*				90
	95	76.7	329.1	48,900*	79.1	326.4	43,500*				95
	100	75.8	327.7	48,300*	78.2	324.9	43,100*	80.7	319.4	33,800*	100
	105	74.9	326.2	47,700*	77.3	323.4	42,600*	79.8	317.9	33,100*	105
	110	74.0	324.6	47,100*	76.4	321.8	42,200*	78.8	316.3	32,500*	110
	115	73.1	322.9	46,500*	75.5	320.1	41,700*	77.9	314.5	31,800*	115
	120	72.2	321.1	45,900*	74.6	318.3	41,300*	77.0	312.7	31,200*	120
	125	71.2	319.2	45,400*	73.6	316.4	40,900*	76.0	310.8	30,700*	125
	130	70.3	317.3	44,900*	72.7	314.5	40,500*	75.1	308.8	30,100*	130
	140	68.4	313.1	42,100	70.8	310.2	39,800*	73.1	304.4	29,100*	140
	150	66.5	308.5	37,000	68.9	305.6	39,100*	71.2	299.7	28,100*	150
	160	64.6	303.5	32,500	66.9	300.5	34,500	69.2	294.5	27,200*	160
	170	62.6	298.0	28,600	65.0	295.0	30,500	67.2	288.9	26,400*	170
	180	60.6	292.1	25,200	62.9	289.1	26,900	65.1	282.8	25,700*	180
	190	58.6	285.8	22,200	60.9	282.6	23,800	63.0	276.2	25,000*	190
	200	56.5	278.8	19,500	58.7	275.6	20,900	60.8	269.1	22,200	200
	210	54.3	271.4	17,100	56.5	268.0	18,400	58.5	261.3	19,600	210
220	52.1	263.3	14,900	54.3	259.8	16,100	56.2	252.9	17,100	220	
230	49.8	254.5	12,900	52.0	251.0	14,000	53.8	243.7	14,900	230	
240	47.4	245.0	11,100	49.5	241.3	12,100	51.3	233.8	12,900	240	
250	44.9	234.7	9,500	47.0	230.8	10,300	48.7	222.9	11,000	250	
260	42.3	223.3	7,900	44.4	219.3	8,700	46.0	210.9	9,300	260	
270	39.6	210.9	6,500	41.5	206.6	7,200				270	
280	36.6	197.1	5,200	38.5	192.4	5,800				280	
290				35.3	176.5	4,500				290	

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
177,600 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	24,900*	49.0	159.8	23,200*	53.1	153.9	17,800*	180	
190	41.2	151.2	24,000*	45.1	147.4	22,100*	49.0	141.0	17,200*	190	
200	36.9	137.2	23,200*	40.7	133.0	21,100*				200	
210	32.1	120.6	22,600*	35.7	115.8	20,300*				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	25,500*	51.4	174.5	23,800*	55.3	168.6	18,200*	180	
190	44.0	167.0	24,600*	47.8	163.4	22,800*	51.6	157.1	17,600*	190	
200	40.2	154.5	23,800*	43.9	150.6	21,800*	47.5	143.8	17,100*	200	
210	36.0	140.1	23,100*	39.6	135.7	20,900*				210	
220	31.3	123.1	22,500*	34.7	118.0	20,100*				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
177,600 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	27,000*	56.5	197.8	24,900*	60.5	192.1	19,300*	170
	180	49.6	192.0	26,100*	53.4	188.6	24,200*	57.2	182.7	18,600*	180
	190	46.4	181.9	25,200*	50.1	178.4	23,500*	53.8	172.1	18,000*	190
	200	43.0	170.6	24,400*	46.6	166.8	22,500*	50.2	160.2	17,400*	200
	210	39.3	157.8	23,600*	42.8	153.6	21,600*	46.2	146.5	16,900*	210
220	35.2	143.0	22,400	38.6	138.4	20,700*				220	
230	30.6	125.5	20,400	33.8	120.1	20,000*				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	28,600*	60.9	218.5	26,100*	64.8	212.9	20,400*	160
	170	54.4	213.9	27,600*	58.1	210.7	25,300*	61.9	205.0	19,600*	170
	180	51.6	205.5	26,700*	55.2	202.2	24,600*	58.9	196.2	18,900*	180
	190	48.6	196.2	25,800*	52.1	192.7	23,900*	55.8	186.5	18,300*	190
	200	45.4	185.8	24,900*	48.9	182.1	23,200*	52.4	175.6	17,700*	200
	210	42.1	174.2	23,800	45.5	170.2	22,200*	48.9	163.2	17,200*	210
	220	38.4	161.0	21,600	41.8	156.7	21,300*	45.0	149.1	16,800*	220
230	34.5	145.8	19,600	37.7	141.0	20,200				230	
240	30.0	127.9	17,800							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
177,600 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	29,200*	62.2	230.7	26,500*	65.9	225.0	20,700*	160
	170	56.0	226.6	28,200*	59.5	223.4	25,700*	63.2	217.6	20,000*	170
	180	53.3	218.7	27,200*	56.8	215.3	25,000*	60.4	209.4	19,300*	180
	190	50.5	210.0	26,300*	54.0	206.5	24,300*	57.5	200.3	18,600*	190
200	47.6	200.3	25,500*	51.0	196.7	23,700*	54.4	190.2	18,100*	200	
210	44.5	189.6	23,200	47.8	185.8	22,800*	51.1	178.9	17,600*	210	
220	41.2	177.6	21,000	44.5	173.5	21,900	47.6	166.2	17,100*	220	
230	37.6	164.1	19,000	40.8	159.6	19,800				230	
240	33.7	148.6	17,200	36.8	143.5	17,800				240	
250	29.3	130.2	15,500							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	30,800*	65.7	248.9	27,700*	69.5	243.3	21,900*	150
	160	59.8	245.8	29,700*	63.3	242.6	26,900*	67.0	236.9	21,100*	160
	170	57.4	238.9	28,700*	60.8	235.7	26,100*	64.4	229.9	20,300*	170
	180	54.9	231.5	27,800*	58.2	228.2	25,400*	61.8	222.2	19,600*	180
	190	52.2	223.3	26,900*	55.6	219.9	24,700*	59.0	213.7	19,000*	190
200	49.5	214.3	24,800	52.8	210.7	24,100*	56.1	204.3	18,400*	200	
210	46.6	204.4	22,400	49.9	200.6	23,500*	53.1	193.9	17,900*	210	
220	43.6	193.4	20,200	46.8	189.3	21,200	49.9	182.3	17,400*	220	
230	40.4	181.1	18,200	43.5	176.8	19,100	46.5	169.2	17,000*	230	
240	36.9	167.2	16,400	39.9	162.5	17,100				240	
250	33.1	151.3	14,700	36.0	146.0	15,300				250	
260	28.7	132.5	13,200							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
177,600 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	31,200*	66.7	260.4	28,100*	70.3	254.7	22,200*	150
	160	61.0	257.6	30,200*	64.4	254.5	27,200*	67.9	248.7	21,400*	160
	170	58.7	251.1	29,200*	62.0	247.9	26,500*	65.5	242.0	20,600*	170
	180	56.3	244.0	28,300*	59.6	240.7	25,700*	63.0	234.7	19,900*	180
	190	53.8	236.3	26,800*	57.0	232.9	25,100*	60.4	226.7	19,300*	190
	200	51.2	227.8	24,100*	54.4	224.3	24,400*	57.7	217.9	18,700*	200
210	48.5	218.5	21,700*	51.7	214.8	22,800*	54.9	208.2	18,200*	210	
220	45.7	208.3	19,500*	48.8	204.4	20,500*	51.9	197.4	17,700*	220	
230	42.8	197.0	17,500*	45.8	192.9	18,400*	48.8	185.5	17,200*	230	
240	39.6	184.4	15,700*	42.6	179.9	16,500*	45.4	172.1	16,900*	240	
250	36.2	170.2	14,000*	39.1	165.3	14,700*				250	
260	32.4	153.9	12,500*	35.2	148.5	13,100*				260	
270	28.2	134.7	11,100*							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	31,700*	67.5	271.8	28,400*	71.0	266.0	22,500*	150
	160	62.1	269.2	30,700*	65.3	266.1	27,600*	68.8	260.2	21,700*	160
	170	59.9	263.1	29,700*	63.1	259.9	26,800*	66.5	253.9	20,900*	170
	180	57.6	256.3	28,800*	60.8	253.0	26,100*	64.1	246.9	20,200*	180
	190	55.2	249.0	26,000*	58.4	245.6	25,400*	61.6	239.4	19,600*	190
	200	52.8	241.0	23,300*	55.9	237.5	24,700*	59.1	231.1	19,000*	200
210	50.3	232.3	20,900*	53.3	228.6	22,100*	56.5	222.0	18,500*	210	
220	47.6	222.7	18,700*	50.7	218.9	19,800*	53.7	212.0	18,000*	220	
230	44.9	212.2	16,700*	47.9	208.2	17,700*	50.8	201.0	17,500*	230	
240	42.0	200.6	14,900*	44.9	196.3	15,800*	47.7	188.7	16,700*	240	
250	38.9	187.7	13,200*	41.7	183.1	14,000*				250	
260	35.5	173.1	11,700*	38.3	168.1	12,400*				260	
270	31.8	156.5	10,300*	34.4	150.9	10,800*				270	
280	27.7	137.0	8,900*							280	

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
177,600 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	33,200*	70.4	288.1	29,500*	75.9	287.0	24,600*	140
	150	65.2	286.2	32,100*	68.3	283.1	28,700*	73.8	282.3	23,700*	150
	160	63.1	280.8	31,100*	66.2	277.6	27,900*	71.7	277.3	22,800*	160
	170	61.0	274.9	30,200*	64.1	271.6	27,100*	69.6	271.7	22,000*	170
	180	58.8	268.5	28,600	61.9	265.1	26,400*	67.4	265.6	21,200*	180
	190	56.5	261.5	25,600	59.6	258.1	25,800*	65.1	259.0	20,500*	190
	200	54.2	253.9	22,900	57.2	250.4	24,400	62.8	251.8	19,900*	200
	210	51.8	245.6	20,500	54.8	242.0	21,800	60.4	243.9	19,300*	210
	220	49.4	236.6	18,300	52.3	232.8	19,500	57.9	235.4	18,700*	220
	230	46.8	226.8	16,300	49.7	222.8	17,400	55.3	226.0	18,200*	230
	240	44.1	216.0	14,500	46.9	211.8	15,500	52.6	215.7	17,800*	240
	250	41.2	204.1	12,900	44.0	199.7	13,700	49.7	204.4	16,500	250
260	38.2	190.9	11,300	40.9	186.1	12,100	46.7	191.8	14,600	260	
270	34.9	176.1	9,900	37.5	170.8	10,600				270	
280	31.3	159.1	8,600	33.8	153.3	9,100				280	
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	33,600*	71.1	299.1	29,800*	74.4	293.3	23,900*	140
	150	66.0	297.4	32,600*	69.1	294.3	29,000*	72.4	288.4	23,000*	150
	160	64.0	292.2	31,600*	67.1	289.0	28,200*	70.3	283.0	22,200*	160
	170	62.0	286.5	30,600*	65.0	283.3	27,500*	68.2	277.2	21,500*	170
	180	59.9	280.4	27,900	62.9	277.1	26,800*	66.0	270.9	20,800*	180
	190	57.7	273.7	24,800	60.7	270.3	26,100*	63.8	264.0	20,200*	190
	200	55.5	266.5	22,100	58.5	263.0	23,700	61.5	256.6	19,600*	200
	210	53.3	258.7	19,700	56.2	255.0	21,100	59.2	248.5	19,000*	210
	220	50.9	250.1	17,500	53.8	246.4	18,800	56.7	239.6	18,500*	220
	230	48.5	240.9	15,600	51.3	237.0	16,700	54.2	230.0	18,000	230
	240	46.0	230.8	13,700	48.8	226.7	14,800	51.5	219.4	15,900	240
	250	43.3	219.7	12,100	46.1	215.4	13,000	48.7	207.8	14,000	250
	260	40.5	207.6	10,600	43.2	203.0	11,400	45.7	194.9	12,200	260
270	37.5	194.1	9,100	40.1	189.2	9,900				270	
280	34.3	178.9	7,800	36.8	173.5	8,400				280	
290	30.7	161.6	6,600*							290	

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
177,600 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	
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	34,000*	71.7	310.0	30,100*	74.9	304.1	24,200*	140
	150	66.8	308.5	33,000*	69.8	305.4	29,300*	73.0	299.4	23,300*	150
	160	64.9	303.5	32,000*	67.8	300.3	28,500*	71.0	294.3	22,500*	160
	170	62.9	298.1	30,600	65.8	294.8	27,700*	68.9	288.7	21,800*	170
	180	60.9	292.2	27,200	63.8	288.9	27,100*	66.9	282.7	21,100*	180
	190	58.8	285.8	24,100	61.7	282.4	25,900	64.8	276.1	20,400*	190
	200	56.7	278.9	21,400	59.6	275.4	23,100	62.6	269.0	19,800*	200
	210	54.6	271.4	19,000	57.4	267.8	20,500	60.3	261.2	19,300*	210
	220	52.4	263.3	16,800	55.2	259.6	18,200	58.0	252.9	18,800*	220
230	50.1	254.6	14,800	52.8	250.7	16,100	55.6	243.8	17,400	230	
240	47.7	245.1	13,000	50.4	241.1	14,200	53.1	233.9	15,300	240	
250	45.2	234.7	11,400	47.9	230.5	12,400	50.5	223.0	13,400	250	
260	42.6	223.4	9,800	45.2	219.0	10,700	47.8	211.1	11,700	260	
270	39.8	211.0	8,400	42.4	206.3	9,200				270	
280	36.9	197.2	7,100	39.4	192.1	7,800				280	
290	33.7	181.7	5,900	36.1	176.2	6,500				290	
300	30.2	164.1	4,400*							300	
240	75	80.8	344.2	40,900*							75
	80	79.9	343.2	40,400*							80
	85	79.1	342.0	39,800*							85
	90	78.2	340.8	39,200*							90
	95	77.3	339.5	38,700*	80.3	336.5	34,300*				95
	100	76.5	338.1	38,100*	79.5	335.1	33,900*				100
	105	75.6	336.7	37,600*	78.6	333.7	33,400*				105
	110	74.7	335.1	37,100*	77.7	332.1	32,900*	80.9	326.2	27,000*	110
	115	73.8	333.5	36,600*	76.8	330.5	32,500*	80.0	324.6	26,600*	115
	120	73.0	331.8	36,100*	75.9	328.7	32,000*	79.1	322.8	26,300*	120
	125	72.1	330.0	35,700*	75.0	326.9	31,600*	78.2	321.0	25,800*	125
	130	71.2	328.1	35,200*	74.1	325.0	31,200*	77.3	319.0	25,300*	130
	140	69.4	324.0	34,300*	72.3	320.9	30,300*	75.4	314.9	24,400*	140
	150	67.5	319.6	33,300*	70.4	316.4	29,500*	73.5	310.4	23,500*	150
	160	65.7	314.8	32,400*	68.6	311.5	28,800*	71.6	305.4	22,700*	160
	170	63.8	309.5	29,800	66.6	306.2	28,000*	69.7	300.1	22,000*	170
	180	61.8	303.8	26,400	64.7	300.5	27,300*	67.7	294.3	21,300*	180
	190	59.9	297.7	23,400	62.7	294.3	25,200	65.6	288.0	20,700*	190
	200	57.9	291.1	20,700	60.7	287.6	22,400	63.6	281.2	20,100*	200
	210	55.8	284.0	18,200	58.6	280.4	19,800	61.4	273.8	19,500*	210
	220	53.7	276.3	16,000	56.4	272.6	17,500	59.2	265.8	19,000*	220
230	51.5	267.9	14,000	54.2	264.1	15,400	56.9	257.2	16,800	230	
240	49.3	259.0	12,200	51.9	255.0	13,400	54.6	247.9	14,700	240	
250	46.9	249.2	10,600	49.5	245.1	11,700	52.1	237.7	12,800	250	
260	44.5	238.6	9,000	47.1	234.3	10,000	49.6	226.6	11,100	260	
270	41.9	227.0	7,600	44.4	222.5	8,500	46.8	214.4	9,400	270	
280	39.2	214.3	6,300	41.7	209.5	7,100				280	
290	36.3	200.2	5,100	38.7	195.0	5,800				290	
300				35.5	178.8	4,500				300	

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
177,600 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	13,400*	34.5	125.4	12,200*				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
177,600 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	
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	14,400*	42.1	161.9	12,800*	45.5	152.3	12,100*	230	
240	33.8	148.8	13,800*	38.1	146.2	12,500*				240	
250	29.4	130.5	13,300*	33.6	127.5	12,100*				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	16,300*	51.0	202.3	14,100*	54.8	194.3	12,900*	210	
220	43.6	193.6	15,600*	47.9	191.2	13,600*	51.6	182.7	12,500*	220	
230	40.4	181.3	14,900*	44.7	178.8	13,200*	48.1	169.7	12,200*	230	
240	36.9	167.4	14,300*	41.1	164.8	12,700*	44.4	154.8	12,000*	240	
250	33.1	151.5	13,800*	37.2	148.7	12,400*				250	
260	28.8	132.8	13,300*	32.8	129.6	12,100*				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
177,600 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	17,600*	55.5	225.7	15,000*	59.3	218.2	13,500*	200
210	48.5	218.7	16,800*	52.8	216.4	14,500*	56.4	208.5	13,100*	210	
220	45.7	208.5	16,100*	49.9	206.1	13,900*	53.5	197.8	12,700*	220	
230	42.8	197.2	15,400*	46.9	194.7	13,500*	50.3	185.9	12,400*	230	
240	39.6	184.6	14,800*	43.7	182.0	13,000*	47.0	172.5	12,200*	240	
250	36.2	170.5	14,200*	40.3	167.7	12,700*				250	
260	32.5	154.2	13,700*	36.4	151.2	12,300*				260	
270	28.2	135.1	13,100	32.1	131.7	12,000*				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	18,900*	59.3	246.8	15,900*	63.1	239.6	14,100*	190
	200	52.8	241.2	18,100*	56.9	238.8	15,300*	60.6	231.3	13,700*	200
210	50.3	232.5	17,300*	54.3	230.0	14,800*	58.0	222.2	13,300*	210	
220	47.6	222.9	16,600*	51.7	220.4	14,300*	55.2	212.2	12,900*	220	
230	44.9	212.4	15,900*	48.9	209.9	13,800*	52.3	201.2	12,600*	230	
240	42.0	200.8	15,300*	46.0	198.2	13,300*	49.2	189.0	12,300*	240	
250	38.9	187.9	14,700*	42.8	185.2	12,900*	45.9	175.2	12,100*	250	
260	35.5	173.4	13,700	39.4	170.5	12,300*				260	
270	31.9	156.8	12,300	35.7	153.6	12,300*				270	
280	27.7	137.3	11,000							280	

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
177,600 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	19,400*	60.5	259.2	16,300*	64.2	252.0	14,300*	190
	200	54.2	254.1	18,600*	58.2	251.6	15,700*	61.8	244.1	13,900*	200
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	20,700*	63.8	278.1	17,200*	67.4	271.0	15,000*	180
	190	57.7	273.9	19,800*	61.6	271.4	16,600*	65.2	264.1	14,500*	190
	200	55.5	266.7	19,000*	59.4	264.2	16,000*	62.9	256.7	14,100*	200
	210	53.3	258.8	18,200*	57.1	256.3	15,400*	60.5	248.6	13,700*	210
220	50.9	250.3	17,500*	54.7	247.8	14,900*	58.1	239.7	13,300*	220	
230	48.5	241.1	16,800*	52.3	238.5	14,400*	55.6	230.1	13,000*	230	
240	46.0	231.0	15,400	49.7	228.3	13,900*	52.9	219.5	12,700*	240	
250	43.3	220.0	13,700	47.1	217.2	13,500*	50.1	207.9	12,400*	250	
260	40.5	207.8	12,200	44.2	204.9	13,100*	47.1	195.0	12,200*	260	
270	37.5	194.3	10,800	41.2	191.3	11,800	43.9	180.6	12,000*	270	
280	34.3	179.2	9,500	37.9	176.0	10,300				280	
290	30.7	161.9	8,300	34.3	158.4	9,000				290	
300	26.7	141.6	6,800*							300	

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
177,600 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	
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*	80.9	326.8	24,200*				95
	100	76.0	327.9	29,600*	80.0	325.4	23,800*				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	21,100*	64.7	289.9	17,400*	68.2	282.7	15,200*	180
	190	58.8	286.0	20,300*	62.6	283.5	16,800*	66.1	276.1	14,700*	190
	200	56.7	279.1	19,500*	60.5	276.5	16,200*	63.9	269.0	14,300*	200
	210	54.6	271.6	18,700*	58.3	269.1	15,700*	61.7	261.3	13,900*	210
	220	52.4	263.5	18,000*	56.1	260.9	15,200*	59.4	252.9	13,500*	220
230	50.1	254.8	16,800	53.8	252.1	14,700*	57.0	243.8	13,200*	230	
240	47.7	245.3	15,000	51.3	242.6	14,200*	54.5	233.9	12,800*	240	
250	45.2	234.9	13,400	48.8	232.2	13,800*	51.9	223.1	12,600*	250	
260	42.6	223.6	11,800	46.2	220.8	13,000	49.1	211.2	12,300*	260	
270	39.8	211.2	10,400	43.4	208.2	11,500	46.2	198.0	12,100*	270	
280	36.9	197.4	9,100	40.4	194.3	10,100				280	
290	33.7	182.0	7,900	37.2	178.6	8,700				290	
300	30.2	164.4	6,800*	33.6	160.7	7,500				300	
310	26.3	143.7	5,200*							310	
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	22,500*	67.5	307.1	18,400*	71.0	300.1	15,800*	170
	180	61.8	304.0	21,600*	65.5	301.5	17,700*	69.0	294.3	15,300*	180
	190	59.9	297.9	20,700*	63.5	295.3	17,100*	66.9	288.0	14,900*	190
	200	57.9	291.3	19,900*	61.5	288.7	16,500*	64.8	281.2	14,400*	200
	210	55.8	284.2	19,100*	59.4	281.5	16,000*	62.7	273.8	14,100*	210
	220	53.7	276.5	18,000	57.3	273.8	15,400*	60.5	265.8	13,700*	220
230	51.5	268.1	16,000	55.1	265.5	15,000*	58.2	257.2	13,300*	230	
240	49.2	259.2	14,200	52.8	256.4	14,500*	55.9	247.9	13,000*	240	
250	46.9	249.4	12,600	50.4	246.6	13,900	53.4	237.7	12,700*	250	
260	44.5	238.8	11,100	48.0	236.0	12,300	50.9	226.6	12,500*	260	
270	41.9	227.3	9,700	45.4	224.3	10,800	48.1	214.4	11,700	270	
280	39.2	214.6	8,300	42.6	211.5	9,400	45.2	200.9	10,200	280	
290	36.3	200.5	7,100	39.7	197.2	8,000				290	
300	33.2	184.8	6,000	36.5	181.3	6,800				300	
310	29.7	166.8	4,600*	33.0	163.0	5,600				310	

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
177,600 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	
2 3 0	80	80.2	353.5	32,500*							80
	85	79.4	352.4	31,900*							85
	90	78.5	351.3	31,300*							90
	95	77.7	350.0	30,700*							95
	100	76.9	348.7	30,100*	80.6	346.0	24,100*				100
	105	76.0	347.2	29,500*	79.7	344.6	23,600*				105
	110	75.2	345.7	29,000*	78.8	343.1	23,200*				110
	115	74.3	344.2	28,400*	78.0	341.6	22,800*				115
	120	73.4	342.5	27,900*	77.1	339.9	22,300*	80.7	333.3	18,800*	120
	125	72.6	340.8	27,300*	76.2	338.2	21,900*	79.8	331.5	18,500*	125
	130	71.7	338.9	26,800*	75.4	336.3	21,500*	78.9	329.6	18,200*	130
	140	70.0	335.0	25,800*	73.6	332.4	20,700*	77.1	325.6	17,600*	140
	150	68.2	330.7	24,700*	71.8	328.1	20,000*	75.3	321.2	17,000*	150
	160	66.4	326.1	23,800*	70.0	323.5	19,300*	73.5	316.5	16,500*	160
	170	64.6	321.0	22,900*	68.2	318.4	18,600*	71.6	311.3	16,000*	170
	180	62.7	315.6	22,000*	66.3	313.0	18,000*	69.7	305.7	15,500*	180
	190	60.8	309.7	21,100*	64.4	307.1	17,400*	67.7	299.7	15,000*	190
	200	58.9	303.3	20,300*	62.5	300.7	16,800*	65.7	293.1	14,600*	200
	210	56.9	296.5	19,500*	60.5	293.8	16,200*	63.7	286.1	14,200*	210
	220	54.9	289.1	17,300	58.4	286.5	15,700*	61.6	278.5	13,900*	220
	230	52.8	281.2	15,300	56.3	278.5	15,200*	59.4	270.3	13,500*	230
	240	50.7	272.7	13,500	54.2	269.9	14,800*	57.2	261.4	13,200*	240
	250	48.5	263.4	11,900	51.9	260.6	13,300	54.9	251.8	12,900*	250
	260	46.2	253.5	10,300	49.6	250.6	11,700	52.4	241.4	12,600*	260
	270	43.8	242.6	8,900	47.2	239.7	10,100	49.9	230.0	11,200	270
	280	41.2	230.8	7,600	44.6	227.8	8,700	47.2	217.6	9,600	280
	290	38.6	217.9	6,400	41.9	214.7	7,400	44.4	203.8	8,200	290
	300	35.7	203.5	5,300	39.0	200.1	6,200				300
	310	32.7	187.5	4,000*	35.9	183.9	5,000				310