

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7703-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD FOR BOOM AND JIB LENGTH COMBINATIONS THRU 250' AND NEW YORK CITY CRITERIA OF 1.4 FACTOR APPLIED TO TOTAL MACHINE MOMENT FOR BOOM AND JIB LENGTH COMBINATIONS 260' ON UP. 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.

250' THRU 300' BOOM LENGTHS REQUIRE ONLY THE MIDDLE 3 SHEAVES TO BE USED ON LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM 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 JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADII WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. REFER TO BOOM RIGGING NO. 172610, JIB ASSEMBLY NO. 170429, NO. 173165 OR NO. 172693, WIRE ROPE SPECIFICATION CHART NO. 7581-C AND COUNTERWEIGHT ARRANGEMENT CHART NO. 7692-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 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.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE AND BOOM WITHIN BOOM ANGLE RANGE SHOWN IN CAPACITY CHART.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 30'9" CRAWLERS, 48" TREADS, 28' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS, 207,000 LB. CRANE COUNTERWEIGHT, AND TWO 30,000 LB. CARBODY COUNTERWEIGHTS.

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 - 80
25	130 - 200	100 - 120
20	210 - 250	100 - 120

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER FRONT SIDE OR REAR OF CRAWLERS	
BOOM LGTH.	JIB NO. 132
300'	---
290'	---
280'	---
270'	---
260'	80'
250'	120'
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.	

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40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	40	80.5	176.9	100,000*b							40
	45	78.8	175.8	94,200*b							45
	50	77.0	174.6	89,800*b	79.4	173.5	73,900*b				50
	55	75.3	173.2	85,900*b	77.7	172.1	71,500*b	80.1	169.7	57,400*	55
	60	73.6	171.6	82,300*b	75.9	170.6	69,300*b	78.3	168.1	55,500*	60
	65	71.8	169.9	79,100*b	74.2	168.8	67,200*	76.5	166.3	53,600*	65
	70	70.0	168.0	76,100*b	72.4	166.9	65,300*	74.7	164.4	51,900*	70
	75	68.2	165.9	73,400*b	70.6	164.8	63,600*	72.9	162.3	50,300*	75
	80	66.4	163.7	71,000*b	68.7	162.5	61,900*	71.0	160.0	48,800*	80
	85	64.5	161.2	68,700*b	66.9	160.1	60,400*	69.1	157.4	47,400*	85
	90	62.7	158.6	66,600*	65.0	157.4	59,000*	67.2	154.7	46,100*	90
	95	60.7	155.7	64,600*	63.0	154.5	57,800*	65.2	151.7	45,000*	95
	100	58.8	152.6	62,800*	61.0	151.3	56,600*	63.2	148.5	43,900*	100
	105	56.8	149.2	61,100*	59.0	147.9	55,400*	61.1	145.1	42,900*	105
	110	54.7	145.6	59,600*	56.9	144.3	54,400*	59.0	141.3	41,900*	110
	115	52.6	141.7	58,100*	54.8	140.3	53,500*	56.8	137.3	41,100*	115
	120	50.4	137.4	55,000	52.6	136.1	52,600*	54.6	132.9	40,300*	120
	125	48.2	132.9	51,800	50.3	131.5	51,800*	52.2	128.2	39,500*	125
	130	45.8	127.9	48,900	48.0	126.5	49,500	49.8	123.1	38,800*	130
	140	40.8	116.7	43,800	42.9	115.1	44,300	44.6	111.3	37,700*	140
	150	35.2	103.1	39,400	37.2	101.2	39,800				150
	160	28.6	85.9	35,600							160
140	40	81.0	187.0	99,900*b							40
	45	79.4	186.0	95,900*b							45
	50	77.8	184.9	91,600*b	80.0	183.8	74,800*b				50
	55	76.1	183.6	87,700*b	78.4	182.5	72,400*b	80.7	180.0	57,800*	55
	60	74.5	182.1	84,200*b	76.8	181.0	70,300*b	79.0	178.5	56,200*	60
	65	72.8	180.5	81,000*b	75.1	179.4	68,200*b	77.3	176.9	54,400*	65
	70	71.2	178.7	78,000*b	73.4	177.6	66,400*	75.6	175.1	52,700*	70
	75	69.5	176.8	75,300*b	71.7	175.7	64,700*	73.9	173.1	51,100*	75
	80	67.8	174.7	72,800*b	70.0	173.5	63,000*	72.2	170.9	49,700*	80
	85	66.1	172.4	70,500*b	68.2	171.2	61,500*	70.4	168.6	48,300*	85
	90	64.3	169.9	68,400*b	66.5	168.7	60,200*	68.6	166.0	47,100*	90
	95	62.5	167.2	66,400*	64.7	166.0	58,900*	66.8	163.3	45,900*	95
	100	60.7	164.3	64,600*	62.9	163.1	57,600*	64.9	160.3	44,800*	100
	105	58.8	161.2	62,900*	61.0	160.0	56,500*	63.0	157.1	43,800*	105
	110	57.0	157.9	61,300*	59.1	156.6	55,500*	61.1	153.7	42,800*	110
	115	55.0	154.3	57,700	57.1	153.0	54,500*	59.1	150.0	42,000*	115
	120	53.0	150.5	54,200	55.1	149.1	53,600*	57.0	146.1	41,100*	120
	125	51.0	146.3	51,100	53.1	145.0	51,700	54.9	141.8	40,400*	125
	130	48.9	141.9	48,200	50.9	140.5	48,800	52.7	137.2	39,700*	130
	140	44.5	131.9	43,100	46.4	130.4	43,600	48.1	126.8	38,400*	140
	150	39.6	120.2	38,700	41.5	118.5	39,100	43.0	114.5	37,400*	150
	160	34.2	106.1	34,900	36.0	104.1	35,200				160
	170	27.7	88.3	31,500							170
150	45	79.9	196.3	97,500*b							45
	50	78.4	195.2	93,300*b	80.6	194.1	75,600*b				50
	55	76.9	193.9	89,400*b	79.0	192.8	73,300*b				55
	60	75.3	192.6	85,900*b	77.5	191.4	71,200*b	79.6	188.9	56,900*	60
	65	73.8	191.0	82,700*b	75.9	189.9	69,200*b	78.0	187.4	55,100*	65
	70	72.2	189.4	79,800*b	74.3	188.2	67,400*	76.4	185.7	53,500*	70
	75	70.6	187.5	77,100*b	72.7	186.4	65,700*	74.8	183.8	51,900*	75
	80	69.0	185.5	74,600*b	71.1	184.4	64,100*	73.2	181.8	50,500*	80
	85	67.4	183.4	72,300*b	69.5	182.2	62,600*	71.5	179.6	49,200*	85
	90	65.7	181.1	70,100*b	67.8	179.9	61,200*	69.8	177.2	47,900*	90
	95	64.1	178.6	68,100*b	66.1	177.4	59,900*	68.1	174.6	46,800*	95
	100	62.4	175.9	66,300*	64.4	174.7	58,700*	66.4	171.9	45,700*	100
	105	60.7	173.0	64,500*	62.7	171.7	57,500*	64.6	168.9	44,600*	105
	110	58.9	169.9	60,900	60.9	168.6	56,500*	62.8	165.8	43,700*	110
	115	57.1	166.6	57,000	59.1	165.3	55,500*	61.0	162.4	42,800*	115
	120	55.3	163.0	53,600	57.3	161.7	54,400	59.1	158.7	42,000*	120
	125	53.4	159.3	50,400	55.4	157.9	51,200	57.2	154.8	41,200*	125
	130	51.5	155.2	47,500	53.5	153.8	48,200	55.2	150.6	40,500*	130
	140	47.5	146.2	42,400	49.4	144.7	43,000	51.1	141.3	39,200*	140
	150	43.2	135.8	38,000	45.1	134.2	38,500	46.6	130.5	38,100*	150
	160	38.5	123.6	34,200	40.3	121.8	34,600				160
	170	33.2	108.9	30,900	34.9	106.9	31,200				170
	180	26.9	90.6	28,000							180

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
160	45	80.4	206.4	99,000*b							45
	50	79.0	205.4	94,800*b							50
	55	77.5	204.2	91,000*b	79.6	203.1	74,100*b				55
	60	76.1	202.9	87,600*b	78.1	201.8	72,000*b	80.2	199.3	57,400*	60
	65	74.6	201.5	84,400*b	76.6	200.4	70,100*b	78.7	197.8	55,800*	65
	70	73.1	199.9	81,400*b	75.1	198.8	68,300*b	77.1	196.2	54,200*	70
	75	71.6	198.2	78,700*b	73.6	197.0	66,600*	75.6	194.4	52,700*	75
	80	70.1	196.3	76,200*b	72.1	195.2	65,000*	74.1	192.5	51,300*	80
	85	68.6	194.3	73,900*b	70.6	193.1	63,600*	72.5	190.4	50,000*	85
	90	67.0	192.1	71,800*b	69.0	190.9	62,200*	70.9	188.2	48,700*	90
	95	65.5	189.7	69,800*b	67.4	188.5	60,900*	69.3	185.8	47,600*	95
	100	63.9	187.2	67,900*b	65.8	186.0	59,700*	67.7	183.2	46,500*	100
	105	62.3	184.5	64,300	64.2	183.3	58,500*	66.1	180.5	45,500*	105
	110	60.6	181.6	60,100	62.6	180.4	57,500*	64.4	177.5	44,500*	110
	115	59.0	178.6	56,300	60.9	177.3	56,500*	62.7	174.4	43,600*	115
	120	57.3	175.3	52,800	59.2	174.0	53,700	60.9	171.0	42,800*	120
	125	55.5	171.8	49,700	57.4	170.4	50,500	59.2	167.4	42,000*	125
	130	53.8	168.0	46,800	55.6	166.7	47,500	57.3	163.6	41,300*	130
	140	50.1	159.8	41,600	51.9	158.4	42,300	53.6	155.1	39,900*	140
	150	46.2	150.4	37,200	48.0	148.8	37,800	49.5	145.3	38,300	150
170	160	42.0	139.5	33,400	43.8	137.9	33,900	45.2	134.0	34,300	160
	170	37.4	126.9	30,100	39.1	125.0	30,500				170
	180	32.3	111.7	27,200	33.9	109.6	27,500				180
	190	26.2	92.8	24,600							190
	45	80.9	216.6	99,900*b							45
	50	79.5	215.6	96,300*b							50
	55	78.1	214.5	92,500*b	80.1	213.4	74,800*b				55
	60	76.8	213.3	89,100*b	78.7	212.2	72,800*b	80.7	209.6	57,700*	60
	65	75.4	211.9	86,000*b	77.3	210.8	70,900*b	79.2	208.2	56,400*	65
	70	73.9	210.4	83,000*b	75.9	209.3	69,100*b	77.8	206.7	54,900*	70
	75	72.5	208.8	80,300*b	74.4	207.6	67,500*	76.3	205.0	53,400*	75
	80	71.1	207.0	77,800*b	73.0	205.8	65,900*	74.9	203.2	52,000*	80
	85	69.6	205.1	75,500*b	71.5	203.9	64,500*	73.4	201.2	50,700*	85
	90	68.2	203.0	73,400*b	70.1	201.8	63,100*	71.9	199.1	49,500*	90
	95	66.7	200.8	71,300*b	68.6	199.6	61,800*	70.4	196.9	48,300*	95
	100	65.2	198.4	68,700b	67.1	197.2	60,600*	68.9	194.4	47,300*	100
	105	63.7	195.9	64,000b	65.6	194.7	59,500*	67.3	191.8	46,300*	105
	110	62.2	193.2	59,800	64.0	191.9	58,400*	65.8	189.1	45,300*	110
	115	60.6	190.3	56,000	62.4	189.0	56,900	64.2	186.1	44,400*	115
	120	59.0	187.2	52,500	60.8	185.9	53,400	62.5	183.0	43,600*	120
	125	57.4	184.0	49,300	59.2	182.6	50,200	60.9	179.6	42,800*	125
	130	55.8	180.5	46,400	57.6	179.1	47,200	59.2	176.1	42,000*	130
	140	52.4	172.9	41,300	54.1	171.5	42,000	55.7	168.2	40,700*	140
	150	48.8	164.2	36,900	50.5	162.8	37,500	52.0	159.4	38,100	150
200	160	45.0	154.4	33,100	46.7	152.8	33,700	48.1	149.2	34,100	160
	170	40.9	143.2	29,800	42.6	141.5	30,200	43.9	137.5	30,600	170
	180	36.5	130.1	26,900	38.1	128.2	27,200				180
	190	31.5	114.4	24,300	33.0	112.3	24,500				190
	200	25.6	95.0	21,900							200

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	50	80.0	225.8	97,700*b							50
	55	78.7	224.8	94,000*b	80.5	223.6	75,500*b				55
	60	77.4	223.6	90,600*b	79.2	222.5	73,600*b				60
	65	76.0	222.3	87,500*b	77.9	221.2	71,700*b	79.7	218.6	57,000*	65
	70	74.7	220.9	84,600*b	76.5	219.7	70,000*b	78.4	217.1	55,500*	70
	75	73.3	219.3	81,900*b	75.2	218.2	68,300*b	77.0	215.5	54,000*	75
	80	72.0	217.6	79,400*b	73.8	216.5	66,800*	75.6	213.8	52,700*	80
	85	70.6	215.8	77,100*b	72.4	214.6	65,300*	74.2	211.9	51,400*	85
	90	69.2	213.8	74,900*b	71.0	212.7	64,000*	72.8	209.9	50,200*	90
	95	67.8	211.7	72,900*b	69.6	210.5	62,700*	71.4	207.8	49,100*	95
	100	66.4	209.5	68,000b	68.2	208.3	61,500*	69.9	205.5	48,000*	100
	105	65.0	207.1	63,300b	66.8	205.9	60,400*	68.5	203.1	47,000*	105
	110	63.5	204.6	59,100b	65.3	203.3	59,300*	67.0	200.5	46,000*	110
	115	62.1	201.8	55,200	63.8	200.6	56,300	65.5	197.7	45,100*	115
	120	60.6	199.0	51,800	62.3	197.7	52,700	64.0	194.7	44,300*	120
	125	59.1	195.9	48,600	60.8	194.6	49,500	62.4	191.6	43,500*	125
	130	57.5	192.6	45,700	59.3	191.3	46,600	60.9	188.3	42,700*	130
	140	54.4	185.5	40,600	56.1	184.2	41,300	57.6	181.0	41,400*	140
	150	51.1	177.6	36,200	52.7	176.1	36,800	54.2	172.8	37,400	150
	160	47.6	168.6	32,400	49.2	167.0	33,000	50.6	163.5	33,400	160
	170	43.9	158.4	29,100	45.5	156.7	29,600	46.8	153.0	30,000	170
	180	39.9	146.7	26,100	41.5	144.9	26,500				180
	190	35.6	133.2	23,500	37.1	131.2	23,900				190
	200	30.7	117.1	21,200	32.1	114.8	21,400				200
190	50	80.4	236.0	99,000*b							50
	55	79.2	235.0	95,300*b	81.0	233.9	76,200*b				55
	60	77.9	233.9	92,000*b	79.7	232.7	74,200*b				60
	65	76.6	232.6	88,900*b	78.4	231.5	72,400*b	80.2	228.9	57,400*	65
	70	75.4	231.3	86,000*b	77.1	230.1	70,700*b	78.9	227.5	56,100*	70
	75	74.1	229.8	83,300*b	75.8	228.6	69,100*b	77.6	226.0	54,600*	75
	80	72.8	228.2	80,800*b	74.5	227.0	67,600*	76.3	224.3	53,300*	80
	85	71.5	226.5	78,500*b	73.2	225.3	66,200*	74.9	222.6	52,000*	85
	90	70.2	224.6	76,400*b	71.9	223.4	64,800*	73.6	220.7	50,900*	90
	95	68.8	222.6	72,600b	70.6	221.4	63,500*	72.2	218.7	49,700*	95
	100	67.5	220.5	67,400b	69.2	219.3	62,400*	70.9	216.5	48,700*	100
	105	66.1	218.2	62,700b	67.8	217.0	61,200*	69.5	214.2	47,700*	105
	110	64.8	215.8	58,400b	66.5	214.5	59,600	68.1	211.7	46,700*	110
	115	63.4	213.2	54,600b	65.1	212.0	55,700	66.7	209.1	45,900*	115
	120	62.0	210.5	51,100	63.7	209.2	52,200	65.2	206.3	45,000*	120
	125	60.5	207.6	48,000	62.2	206.3	48,900	63.8	203.4	44,200*	125
	130	59.1	204.6	45,100	60.8	203.2	46,000	62.3	200.2	43,500*	130
	140	56.1	197.9	39,900	57.8	196.5	40,700	59.3	193.4	41,500	140
	150	53.1	190.5	35,500	54.7	189.0	36,300	56.1	185.8	36,900	150
	160	49.8	182.1	31,700	51.4	180.6	32,400	52.8	177.2	32,900	160
	170	46.5	172.8	28,400	48.0	171.2	29,000	49.3	167.6	29,400	170
	180	42.9	162.2	25,500	44.4	160.5	25,900	45.6	156.7	26,300	180
	190	39.0	150.2	22,900	40.5	148.3	23,300				190
	200	34.8	136.2	20,500	36.2	134.2	20,900				200
	210	30.0	119.7	18,400	31.3	117.3	18,700				210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
200	50	80.8	246.2	99,900*b							50
	55	79.6	245.2	96,600*b							55
	60	78.4	244.2	93,300*b							60
	65	77.2	243.0	90,200*b	80.1	243.0	74,900*b				65
	70	76.0	241.7	87,400*b	78.9	241.8	73,100*b	80.6	239.2	57,700*	70
	75	74.8	240.2	84,700*b	77.7	240.5	71,400*b	79.4	237.8	56,600*	75
	80	73.5	238.7	82,200*b	76.4	239.1	69,800*b	78.1	236.4	55,200*	80
	85	72.3	237.1	79,900*b	75.2	237.5	68,300*b	76.9	234.8	53,900*	85
	90	71.0	235.3	77,800*b	73.9	235.9	66,900*	75.6	233.2	52,700*	90
	95	69.8	233.4	71,900b	72.7	234.1	65,600*	74.3	231.4	51,500*	95
	100	68.5	231.4	66,600b	71.4	232.2	64,400*	73.0	229.4	50,400*	100
	105	67.2	229.2	61,900b	70.1	230.1	63,200*	71.7	227.4	49,300*	105
	110	65.9	226.9	57,700b	68.8	228.0	62,000*	70.4	225.2	48,300*	110
	115	64.6	224.5	53,900b	67.5	225.6	58,900	69.1	222.8	47,400*	115
	120	63.2	221.9	50,400	66.2	223.2	55,000	67.8	220.3	46,500*	120
	125	61.9	219.2	47,200	64.9	220.6	51,500	66.4	217.7	45,700*	125
	130	60.5	216.3	44,300	63.5	217.9	48,300	65.0	214.9	44,900*	130
	140	57.7	210.0	39,200	62.1	215.0	45,300	63.6	212.0	44,100*	140
	150	54.8	203.0	34,800	59.3	208.7	40,000	60.8	205.6	40,800	150
	160	51.8	195.3	31,000	56.4	201.6	35,600	57.8	198.4	36,200	160
	170	48.7	186.6	27,700	53.4	193.8	31,700	54.8	190.5	32,300	170
	180	45.4	176.9	24,700	50.2	185.1	28,300	51.5	181.6	28,800	180
	190	41.9	166.0	22,100	46.9	175.3	25,200	48.1	171.6	25,700	190
	200	38.1	153.6	19,800	43.4	164.2	22,600	44.5	160.3	22,900	200
	210	34.0	139.2	17,700	39.5	151.7	20,200				210
	220	29.3	122.2	15,800	35.3	137.1	18,000				220
210	55	80.1	255.4	90,000*b							55
	60	78.9	254.4	90,000*b	80.5	253.2	75,500*b				60
	65	77.7	253.3	90,000*b	79.4	252.1	73,700*b				65
	70	76.6	252.0	88,700*b	78.2	250.8	72,100*b	79.8	248.2	57,100*	70
	75	75.4	250.6	86,000*b	77.0	249.5	70,500*b	78.6	246.8	55,700*	75
	80	74.2	249.2	83,600*b	75.8	248.0	69,100*b	77.4	245.3	54,500*	80
	85	73.0	247.6	81,300*b	74.6	246.4	67,700*	76.2	243.7	53,200*	85
	90	71.8	245.9	77,500b	73.4	244.7	66,400*	75.0	242.0	52,100*	90
	95	70.6	244.1	71,500b	72.2	242.9	65,100*	73.8	240.1	51,000*	95
	100	69.4	242.2	66,300b	71.0	240.9	63,900*	72.5	238.1	50,000*	100
	105	68.1	240.1	61,600b	69.7	238.9	62,800*	71.3	236.1	49,000*	105
	110	66.9	237.9	57,300b	68.5	236.7	58,600	70.0	233.8	48,100*	110
	115	65.7	235.6	53,500b	67.2	234.3	54,700	68.7	231.5	47,200*	115
	120	64.4	233.1	50,000b	66.0	231.9	51,200	67.4	229.0	46,300*	120
	125	63.1	230.6	46,900	64.7	229.3	47,900	66.1	226.3	45,500*	125
	130	61.8	227.8	44,000	63.4	226.5	45,000	64.8	223.5	44,800*	130
	140	59.2	221.9	38,800	60.7	220.5	39,700	62.1	217.5	40,500	140
	150	56.5	215.3	34,400	58.0	213.9	35,200	59.3	210.8	36,000	150
	160	53.6	208.0	30,600	55.1	206.6	31,300	56.5	203.3	32,000	160
	170	50.7	199.9	27,300	52.2	198.4	27,900	53.5	195.0	28,500	170
	180	47.7	190.9	24,400	49.1	189.4	24,900	50.3	185.8	25,400	180
	190	44.4	180.9	21,800	45.9	179.2	22,200	47.0	175.4	22,600	190
	200	41.0	169.6	19,400	42.4	167.9	19,800	43.5	163.8	20,200	200
	210	37.3	156.9	17,300	38.7	154.9	17,700				210
	220	33.3	142.1	15,400	34.6	140.0	15,700				220
	230	28.7	124.7	13,700							230

MANITOWOC ENGINEERING CO.

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60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	55	80.4	265.6	90,000*b							55
	60	79.3	264.6	90,000*b	80.9	263.4	76,100*b				60
	65	78.2	263.5	90,000*b	79.8	262.3	74,300*b				65
	70	77.1	262.3	89,900*b	78.6	261.1	72,700*b	80.2	258.5	57,400*	70
	75	76.0	261.0	87,300*b	77.5	259.8	71,200*b	79.1	257.1	56,200*	75
	80	74.8	259.6	79,100b	76.4	258.4	69,800*b	77.9	255.7	55,000*	80
	85	73.7	258.1	71,700b	75.2	256.9	68,400*b	76.8	254.2	53,800*	85
	90	72.5	256.5	65,200b	74.1	255.3	67,100*	75.6	252.5	52,600*	90
	95	71.4	254.7	59,500b	72.9	253.5	61,700	74.4	250.8	51,600*	95
	100	70.2	252.9	54,500b	71.7	251.7	56,500	73.2	248.9	50,600*	100
	105	69.0	250.9	49,900b	70.6	249.7	51,800	72.0	246.9	49,600*	105
	110	67.8	248.8	45,900b	69.4	247.6	47,600	70.8	244.7	48,700*	110
	115	66.6	246.6	42,200b	68.2	245.4	43,900	69.6	242.5	45,500	115
	120	65.4	244.3	38,900b	66.9	243.0	40,400	68.4	240.1	41,900	120
	125	64.2	241.8	35,800b	65.7	240.5	37,300	67.2	237.6	38,700	125
	130	63.0	239.2	33,000	64.5	237.9	34,400	65.9	235.0	35,800	130
	140	60.5	233.6	28,100	62.0	232.3	29,400	63.3	229.2	30,500	140
	150	57.9	227.4	23,900	59.4	226.0	25,000	60.7	222.9	26,000	150
	160	55.3	220.5	20,300	56.7	219.1	21,200	58.0	215.8	22,100	160
	170	52.5	212.9	17,100	53.9	211.4	17,900	55.2	208.1	18,700	170
	180	49.7	204.5	14,200	51.1	203.0	15,000	52.3	199.5	15,700	180
	190	46.7	195.2	11,700	48.1	193.6	12,400	49.2	189.9	13,000	190
	200	43.5	184.8	9,500	44.9	183.1	10,100	46.0	179.2	10,600	200
	210	40.2	173.2	7,500	41.5	171.4	8,000				210
	220	36.6	160.1	5,600	37.8	158.1	6,100				220
	230	32.6	145.0	4,000	33.8	142.8	4,300				230
230	55	80.8	275.8	90,000*b							55
	60	79.7	274.8	90,000*b							60
	65	78.6	273.8	90,000*b	80.2	272.6	74,900*b				65
	70	77.6	272.6	90,000*b	79.1	271.4	73,300*b	80.6	268.7	57,700*	70
	75	76.5	271.4	86,900b	78.0	270.2	71,800*b	79.5	267.5	56,700*	75
	80	75.4	270.0	78,300b	76.9	268.8	70,400*b	78.4	266.1	55,500*	80
	85	74.3	268.6	70,900b	75.8	267.4	69,000*b	77.3	264.6	54,300*	85
	90	73.2	267.0	64,400b	74.7	265.8	66,800	76.2	263.0	53,200*	90
	95	72.1	265.3	58,700b	73.6	264.1	60,900	75.0	261.3	52,100*	95
	100	71.0	263.6	53,600b	72.4	262.3	55,700	73.9	259.5	51,100*	100
	105	69.8	261.7	49,100b	71.3	260.4	51,100	72.8	257.6	50,200*	105
	110	68.7	259.7	45,000b	70.2	258.4	46,900	71.6	255.6	48,700	110
	115	67.6	257.6	41,300b	69.0	256.3	43,100	70.4	253.4	44,800	115
	120	66.4	255.3	38,000b	67.9	254.1	39,600	69.3	251.2	41,200	120
	125	65.2	253.0	35,000b	66.7	251.7	36,500	68.1	248.8	38,000	125
	130	64.1	250.5	32,200b	65.5	249.2	33,600	66.9	246.2	35,000	130
	140	61.7	245.1	27,300	63.1	243.8	28,600	64.5	240.8	29,800	140
	150	59.2	239.2	23,000	60.7	237.9	24,200	62.0	234.8	25,300	150
	160	56.7	232.7	19,400	58.1	231.3	20,400	59.4	228.1	21,400	160
	170	54.1	225.5	16,200	55.5	224.1	17,100	56.7	220.8	18,000	170
	180	51.4	217.6	13,400	52.8	216.1	14,200	54.0	212.7	14,900	180
	190	48.7	209.0	10,900	50.0	207.4	11,600	51.1	203.8	12,200	190
	200	45.7	199.3	8,600	47.1	197.7	9,300	48.1	193.9	9,800	200
	210	42.7	188.7	6,600	43.9	186.9	7,200	45.0	182.9	7,600	210
	220	39.4	176.7	4,800	40.6	174.9	5,300				220

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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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
240	60	80.1	285.0	90,000*b							60
	65	79.1	284.0	90,000*b	80.5	282.8	75,400*b				65
	70	78.0	282.9	90,000*b	79.5	281.7	73,900*b	80.9	279.0	57,900*	70
	75	77.0	281.7	86,000b	78.4	280.5	72,400*b	79.9	277.8	57,200*	75
	80	75.9	280.4	77,400b	77.4	279.2	71,000*b	78.8	276.4	55,900*	80
	85	74.9	279.0	69,900b	76.3	277.8	69,700*b	77.7	275.0	54,800*	85
	90	73.8	277.5	63,500b	75.2	276.3	66,000b	76.7	273.5	53,700*	90
	95	72.7	275.9	57,700b	74.2	274.7	60,100	75.6	271.9	52,600*	95
	100	71.7	274.2	52,700b	73.1	272.9	54,900	74.5	270.2	51,600*	100
	105	70.6	272.4	48,100b	72.0	271.1	50,200	73.4	268.3	50,700*	105
	110	69.5	270.5	44,100b	70.9	269.2	46,000	72.3	266.4	47,900	110
	115	68.4	268.4	40,400b	69.8	267.2	42,200	71.2	264.3	44,000	115
	120	67.3	266.3	37,100b	68.7	265.0	38,800	70.1	262.1	40,400	120
	125	66.2	264.0	34,000b	67.6	262.7	35,600	68.9	259.8	37,200	125
	130	65.1	261.7	31,200b	66.5	260.4	32,700	67.8	257.4	34,200	130
	140	62.8	256.5	26,300	64.2	255.2	27,700	65.5	252.2	29,000	140
	150	60.4	250.9	22,100	61.8	249.5	23,300	63.1	246.5	24,400	150
	160	58.1	244.7	18,400	59.4	243.3	19,500	60.7	240.2	20,500	160
	170	55.6	237.9	15,200	56.9	236.5	16,200	58.2	233.2	17,100	170
	180	53.1	230.5	12,400	54.4	229.0	13,300	55.6	225.6	14,100	180
	190	50.4	222.3	9,900	51.8	220.8	10,700	52.9	217.3	11,400	190
	200	47.7	213.3	7,600	49.0	211.7	8,300	50.1	208.1	9,000	200
	210	44.9	203.4	5,600	46.1	201.7	6,200	47.1	197.9	6,800	210
	220				43.1	190.6	4,300	44.0	186.6	4,800	220
250	60	80.4	295.2	90,000*b							60
	65	79.4	294.2	90,000*b	80.8	293.0	76,000*b				65
	70	78.4	293.1	90,000*b	79.8	291.9	74,400*b				70
	75	77.4	292.0	86,700b	78.8	290.8	73,000*b	80.2	288.0	57,400*	75
	80	76.4	290.7	78,100b	77.8	289.5	71,600*b	79.2	286.8	56,400*	80
	85	75.4	289.4	70,700b	76.8	288.2	70,300*b	78.2	285.4	55,300*	85
	90	74.4	287.9	64,200b	75.8	286.7	66,600b	77.2	283.9	54,200*	90
	95	73.4	286.4	58,500b	74.7	285.2	60,800	76.1	282.4	53,100*	95
	100	72.3	284.8	53,400b	73.7	283.5	55,500	75.1	280.7	52,200*	100
	105	71.3	283.0	48,900b	72.7	281.8	50,900	74.0	279.0	51,200*	105
	110	70.2	281.2	44,800b	71.6	279.9	46,700	72.9	277.1	48,600	110
	115	69.2	279.2	41,100b	70.6	278.0	42,900	71.9	275.1	44,700	115
	120	68.1	277.2	37,800b	69.5	275.9	39,500	70.8	273.0	41,100	120
	125	67.1	275.0	34,800b	68.4	273.7	36,300	69.7	270.8	37,900	125
	130	66.0	272.7	32,000b	67.3	271.4	33,500	68.6	268.5	34,900	130
	140	63.8	267.8	27,000b	65.1	266.5	28,400	66.4	263.5	29,700	140
	150	61.6	262.5	22,800	62.9	261.1	24,000	64.1	258.1	25,200	150
	160	59.3	256.5	19,200	60.6	255.2	20,300	61.8	252.0	21,300	160
	170	57.0	250.1	16,000	58.3	248.7	17,000	59.4	245.5	17,900	170
	180	54.5	243.0	13,100	55.8	241.6	14,000	57.0	238.3	14,900	180
	190	52.1	235.3	10,600	53.3	233.8	11,500	54.5	230.4	12,200	190
	200	49.5	226.8	8,400	50.8	225.3	9,100	51.8	221.7	9,800	200
	210	46.8	217.6	6,400	48.1	215.9	7,000	49.1	212.2	7,600	210
	220	44.0	207.4	4,600	45.2	205.7	5,100	46.2	201.7	5,600	220

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360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
260	60	80.8	305.4	90,000*b							60
	65	79.8	304.4	90,000*b							65
	70	78.8	303.4	90,000*b							70
	75	77.8	302.3	85,800b	80.2	302.2	74,900*b				75
	80	76.9	301.0	77,200b	79.2	301.0	73,500*b	80.6	298.3	57,600*	80
	85	75.9	299.7	69,800b	78.2	299.8	72,200*b	79.6	297.1	56,800*	85
	90	74.9	298.4	63,300b	77.2	298.5	70,900*b	78.6	295.8	55,700*	90
	95	73.9	296.9	57,600b	76.3	297.1	65,800b	77.6	294.4	54,600*	95
	100	72.9	295.3	52,500b	75.3	295.6	59,900b	76.6	292.8	53,600*	100
	105	71.9	293.6	48,000b	74.3	294.0	54,700	75.6	291.2	52,700*	105
	110	70.9	291.8	43,900b	73.3	292.4	50,100	74.6	289.5	51,700*	110
	115	69.9	290.0	40,200b	72.3	290.6	45,900	73.6	287.7	47,800	115
	120	68.9	288.0	36,900b	71.2	288.7	42,100	72.5	285.8	43,900	120
	125	67.9	285.9	33,800b	70.2	286.7	38,600	71.5	283.8	40,300	125
	130	66.8	283.7	31,000b	69.2	284.6	35,500	70.4	281.7	37,100	130
	140	64.7	279.0	26,100b	68.1	282.4	32,600	69.4	279.5	34,100	140
	150	62.6	273.9	21,900	66.0	277.7	27,500	67.3	274.7	28,900	150
	160	60.4	268.2	18,200	63.9	272.5	23,200	65.1	269.5	24,400	160
	170	58.2	262.1	15,000	61.7	266.9	19,400	62.9	263.7	20,500	170
	180	55.9	255.3	12,200	59.5	260.7	16,100	60.6	257.5	17,000	180
	190	53.6	248.0	9,700	57.2	253.9	13,100	58.3	250.6	14,000	190
	200	51.1	240.0	7,400	54.8	246.5	10,600	55.9	243.2	11,300	200
	210	48.6	231.3	5,400	52.4	238.5	8,200	53.4	235.0	8,900	210
	220				49.8	229.7	6,100	50.8	226.1	6,700	220
					47.2	220.1	4,200	48.1	216.3	4,700	220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	50	79.8	194.9	72,400* ^b							50
	55	78.3	193.7	70,900*							55
	60	76.7	192.3	69,500*							60
	65	75.1	190.8	68,100*	79.9	190.5	59,200*				65
	70	73.6	189.1	66,800*	78.3	189.0	58,300*				70
	75	72.0	187.3	65,600*	76.7	187.3	57,500*	79.9	183.5	41,800*	75
	80	70.4	185.3	64,400*	75.1	185.4	56,700*	78.3	181.6	40,400*	80
	85	68.7	183.1	63,300*	73.5	183.4	55,900*	76.6	179.6	39,100*	85
	90	67.1	180.8	62,200*	71.9	181.2	55,200*	75.0	177.3	37,900*	90
	95	65.4	178.3	61,200*	70.2	178.9	54,500*	73.3	174.9	36,800*	95
	100	63.7	175.6	60,300*	68.5	176.3	53,200*	71.5	172.3	35,800*	100
	105	62.0	172.7	59,400*	66.8	173.6	51,600*	69.8	169.5	34,800*	105
	110	60.3	169.6	58,500*	65.0	170.7	50,100*	68.0	166.5	33,900*	110
	115	58.5	166.3	57,700*	63.3	167.5	48,700*	66.2	163.3	33,100*	115
	120	56.6	162.8	56,300*	61.5	164.2	47,300*	64.3	159.9	32,300*	120
	125	54.8	159.0	53,200*	59.6	160.6	46,100*	62.4	156.2	31,600*	125
	130	52.8	154.9	50,200*	57.7	156.7	44,900*	60.4	152.2	30,900*	130
	140	48.8	145.9	45,100*	55.7	152.6	43,900*	58.4	147.9	30,200*	140
	150	44.5	135.4	40,600*	51.7	143.4	41,900*	54.2	138.4	29,100*	150
	160	39.8	123.2	36,800*	47.3	132.8	40,000*	49.6	127.3	28,100*	160
	170	34.5	108.5	33,400*	42.4	120.3	37,300*				170
	180	28.2	90.0	30,500*	37.0	105.1	33,800*				180
140	50	80.3	205.2	73,000* ^b							50
	55	78.8	204.0	71,500*							55
	60	77.4	202.7	70,100*	80.4	200.8	59,500*				60
	65	75.9	201.2	68,800*	78.9	199.4	58,700*				65
	70	74.4	199.7	67,500*	77.4	197.8	57,800*	80.5	194.0	42,300*	70
	75	72.9	197.9	66,300*	75.9	196.0	57,100*	78.9	192.2	40,900*	75
	80	71.4	196.0	65,100*	74.4	194.1	56,300*	77.4	190.2	39,700*	80
	85	69.9	194.0	64,000*	72.8	192.1	55,600*	75.8	188.1	38,500*	85
	90	68.3	191.8	63,000*	71.3	189.9	54,900*	74.2	185.9	37,400*	90
	95	66.8	189.5	62,000*	69.7	187.5	54,300*	72.6	183.4	36,400*	95
	100	65.2	186.9	61,100*	68.1	184.9	52,800*	70.9	180.8	35,500*	100
	105	63.5	184.2	60,200*	66.4	182.2	51,300*	69.3	178.0	34,600*	105
	110	61.9	181.4	59,300*	64.8	179.3	49,900*	67.6	175.0	33,700*	110
	115	60.2	178.3	58,500*	63.1	176.2	48,500*	65.8	171.8	33,000*	115
	120	58.5	175.0	55,600*	61.4	172.8	47,300*	64.1	168.4	32,200*	120
	125	56.8	171.5	52,400*	59.6	169.3	46,100*	62.2	164.7	31,500*	125
	130	55.0	167.7	49,500*	57.8	165.5	45,000*	60.4	160.8	30,900*	130
	140	51.4	159.5	44,300*	54.1	157.1	43,000*	56.5	152.2	29,700*	140
	150	47.5	150.0	39,900*	50.1	147.5	40,600*	52.4	142.2	28,700*	150
	160	43.3	139.2	36,100*	45.8	136.4	36,700*	48.0	130.7	27,800*	160
	170	38.7	126.5	32,700*	41.1	123.4	33,200*				170
	180	33.5	111.3	29,700*	35.8	107.7	30,100*				180
150	50	80.8	215.4	73,400* ^b							50
	55	79.4	214.3	72,000* ^b							55
	60	78.0	213.0	70,700*	80.9	211.1	59,800*				60
	65	76.6	211.7	69,400*	79.5	209.8	59,000*				65
	70	75.2	210.2	68,100*	78.1	208.2	58,200*	81.0	204.4	42,700*	70
	75	73.8	208.5	66,900*	76.6	206.6	57,400*	79.5	202.7	41,400*	75
	80	72.3	206.7	65,800*	75.2	204.8	56,700*	78.0	200.8	40,200*	80
	85	70.9	204.8	64,700*	73.7	202.9	56,000*	76.5	198.9	39,100*	85
	90	69.4	202.7	63,700*	72.2	200.8	55,300*	75.0	196.7	38,000*	90
	95	67.9	200.5	62,700*	70.7	198.5	54,700*	73.5	194.4	37,000*	95
	100	66.4	198.1	61,800*	69.2	196.1	53,900*	71.9	192.0	36,100*	100
	105	64.9	195.6	60,900*	67.7	193.5	52,400*	70.4	189.4	35,200*	105
	110	63.4	192.9	60,100*	66.1	190.8	51,000*	68.8	186.5	34,400*	110
	115	61.8	190.0	58,500*	64.5	187.9	49,700*	67.2	183.6	33,600*	115
	120	60.2	186.9	55,000*	62.9	184.8	48,400*	65.5	180.4	32,800*	120
	125	58.6	183.7	51,800*	61.3	181.5	47,200*	63.8	177.0	32,100*	125
	130	57.0	180.2	48,900*	59.6	177.9	46,100*	62.1	173.3	31,500*	130
	140	53.6	172.5	43,700*	56.2	170.2	44,100*	58.6	165.4	30,300*	140
	150	50.0	163.9	39,300*	52.6	161.4	40,000*	54.8	156.3	29,300*	150
	160	46.2	154.1	35,400*	48.7	151.4	36,100*	50.8	145.9	28,400*	160
	170	42.1	142.8	32,100*	44.5	139.9	32,600*	46.5	133.9	27,600*	170
	180	37.7	129.6	29,100*	40.0	126.4	29,500*				180
	190	32.6	113.9	26,400*	34.8	110.3	26,800*				190

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
160	55	79.9	224.5	72,500* ^b							55
	60	78.5	223.3	71,200*							60
	65	77.2	222.0	69,900*	80.0	220.1	59,300*				65
	70	75.9	220.6	68,700*	78.6	218.7	58,500*				70
	75	74.5	219.0	67,600*	77.3	217.1	57,700*	80.0	213.1	41,900*	75
	80	73.2	217.4	66,500*	75.9	215.4	57,000*	78.6	211.4	40,700*	80
	85	71.8	215.5	65,400*	74.5	213.5	56,400*	77.2	209.5	39,600*	85
	90	70.4	213.6	64,400*	73.1	211.6	55,700*	75.8	207.5	38,500*	90
	95	69.0	211.5	63,400*	71.7	209.4	55,100*	74.3	205.3	37,600*	95
	100	67.6	209.2	62,500*	70.2	207.2	54,500*	72.9	203.0	36,600*	100
	105	66.1	206.8	61,600*	68.8	204.7	53,500*	71.4	200.5	35,800*	105
	110	64.7	204.3	60,800*	67.3	202.2	52,100*	69.9	197.9	34,900*	110
	115	63.2	201.5	57,800*	65.8	199.4	50,700*	68.4	195.1	34,200*	115
	120	61.7	198.7	54,300	64.3	196.5	49,500*	66.8	192.1	33,400*	120
	125	60.2	195.6	51,100	62.8	193.4	48,300*	65.2	188.9	32,700*	125
	130	58.7	192.3	48,100	61.2	190.1	47,200*	63.7	185.5	32,100*	130
	140	55.5	185.2	43,000	58.0	182.9	43,900	60.4	178.1	30,900*	140
	150	52.2	177.2	38,500	54.7	174.8	39,400	56.9	169.8	29,800*	150
	160	48.7	168.2	34,700	51.2	165.6	35,400	53.3	160.3	28,900*	160
	170	45.0	158.0	31,300	47.4	155.2	31,900	49.4	149.5	28,100*	170
170	180	41.1	146.3	28,300	43.3	143.3	28,900				180
	190	36.7	132.7	25,700	38.9	129.4	26,100				190
	200	31.8	116.6	23,300							200
	55	80.3	234.7	73,000* ^b							55
	60	79.1	233.6	71,700* ^b							60
	65	77.8	232.4	70,400*	80.4	230.4	59,500*				65
	70	76.5	231.0	69,300*	79.1	229.0	58,800*				70
	75	75.2	229.5	68,100*	77.8	227.5	58,100*	80.5	223.5	42,300*	75
	80	73.9	227.9	67,100*	76.5	225.9	57,400*	79.1	221.9	41,200*	80
	85	72.6	226.2	66,000*	75.2	224.2	56,700*	77.8	220.1	40,100*	85
	90	71.3	224.3	65,000*	73.9	222.3	56,100*	76.4	218.2	39,000*	90
	95	70.0	222.3	64,100*	72.5	220.3	55,500*	75.1	216.1	38,100*	95
	100	68.6	220.2	63,200*	71.2	218.1	54,900*	73.7	213.9	37,100*	100
	105	67.3	217.9	62,300*	69.8	215.8	54,300*	72.3	211.6	36,300*	105
	110	65.9	215.5	61,300	68.4	213.4	53,100*	70.9	209.1	35,500*	110
	115	64.5	212.9	57,400	67.0	210.8	51,800*	69.4	206.4	34,700*	115
	120	63.1	210.2	53,900	65.6	208.0	50,500*	68.0	203.6	34,000*	120
	125	61.7	207.3	50,700	64.1	205.1	49,300*	66.5	200.6	33,300*	125
	130	60.2	204.2	47,800	62.7	202.0	48,200*	65.0	197.5	32,600*	130
	140	57.2	197.6	42,600	59.7	195.3	43,700	61.9	190.5	31,400*	140
	150	54.2	190.1	38,200	56.5	187.7	39,100	58.7	182.8	30,400*	150
	160	50.9	181.8	34,300	53.3	179.3	35,100	55.4	174.1	29,400*	160
	170	47.6	172.4	31,000	49.8	169.7	31,700	51.8	164.2	28,600*	170
	180	44.0	161.8	28,000	46.2	159.0	28,600	48.0	153.1	27,800*	180
	190	40.1	149.7	25,400	42.2	146.6	25,900				190
	200	35.8	135.8	23,000	37.9	132.3	23,400				200
	210	31.0	119.1	20,900							210

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JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	55	80.7	245.0	73,400* ^b							55
	60	79.5	243.9	72,100* ^b							60
	65	78.3	242.7	70,900*	80.8	240.7	59,800*				65
	70	77.1	241.4	69,800*	79.6	239.4	59,000*				70
	75	75.8	240.0	68,700*	78.4	238.0	58,300*	80.9	233.9	42,700*	75
	80	74.6	238.4	67,600*	77.1	236.4	57,700*	79.6	232.3	41,600*	80
	85	73.4	236.8	66,600*	75.8	234.7	57,000*	78.3	230.6	40,500*	85
	90	72.1	235.0	65,600*	74.6	232.9	56,400*	77.0	228.8	39,500*	90
	95	70.8	233.1	64,700*	73.3	231.0	55,800*	75.7	226.8	38,500*	95
	100	69.6	231.1	63,800*	72.0	229.0	55,200*	74.4	224.8	37,600*	100
	105	68.3	228.9	62,900*	70.7	226.8	54,700*	73.1	222.5	36,800*	105
	110	67.0	226.6	60,600	69.4	224.5	54,100*	71.8	220.2	36,000*	110
	115	65.6	224.2	56,700	68.1	222.0	52,700*	70.4	217.6	35,200*	115
	120	64.3	221.6	53,200	66.7	219.4	51,500*	69.0	215.0	34,500*	120
	125	63.0	218.8	50,000	65.3	216.6	50,300*	67.6	212.2	33,800*	125
	130	61.6	216.0	47,100	64.0	213.7	48,300	66.2	209.2	33,200*	130
	140	58.8	209.7	41,900	61.1	207.4	43,000	63.3	202.7	32,000*	140
	150	55.9	202.7	37,500	58.2	200.3	38,400	60.3	195.4	30,900*	150
	160	52.9	194.9	33,600	55.2	192.4	34,500	57.2	187.3	29,900*	160
	170	49.8	186.2	30,300	52.0	183.6	31,000	53.9	178.3	29,100*	170
	180	46.5	176.5	27,300	48.6	173.7	27,900	50.5	168.1	28,300*	180
	190	42.9	165.6	24,600	45.1	162.6	25,200	46.7	156.5	25,700	190
	200	39.2	153.1	22,300	41.2	149.9	22,700				200
	210	35.0	138.7	20,100	36.9	135.1	20,500				210
	220	30.3	121.6	18,200							220
190	60	79.9	254.1	72,600* ^b							60
	65	78.8	253.0	71,400*							65
	70	77.6	251.7	70,300*	80.0	249.7	59,300*				70
	75	76.4	250.4	69,200*	78.8	248.3	58,600*				75
	80	75.2	248.9	68,200*	77.6	246.9	57,900*	80.1	242.7	42,000*	80
	85	74.0	247.3	67,200*	76.4	245.3	57,300*	78.8	241.1	40,900*	85
	90	72.8	245.6	66,200*	75.2	243.5	56,700*	77.6	239.4	39,900*	90
	95	71.6	243.8	65,300*	74.0	241.7	56,100*	76.4	237.5	39,000*	95
	100	70.4	241.9	64,400*	72.8	239.8	55,600*	75.1	235.5	38,100*	100
	105	69.2	239.8	63,500*	71.5	237.7	55,000*	73.8	233.4	37,300*	105
	110	67.9	237.6	60,000	70.3	235.5	54,500*	72.6	231.1	36,500*	110
	115	66.7	235.3	56,100	69.0	233.1	53,700*	71.3	228.7	35,700*	115
	120	65.4	232.8	52,600	67.7	230.6	52,400*	70.0	226.2	35,000*	120
	125	64.1	230.2	49,400	66.4	228.0	50,800	68.6	223.5	34,300*	125
	130	62.8	227.5	46,500	65.1	225.3	47,800	67.3	220.7	33,700*	130
	140	60.2	221.6	41,300	62.5	219.3	42,500	64.6	214.6	32,500*	140
	150	57.5	215.0	36,800	59.7	212.6	37,900	61.8	207.8	31,400*	150
	160	54.7	207.7	33,000	56.8	205.2	33,900	58.8	200.2	30,400*	160
	170	51.7	199.6	29,600	53.9	197.0	30,400	55.8	191.8	29,500*	170
	180	48.7	190.6	26,600	50.8	187.9	27,400	52.6	182.4	28,000	180
	190	45.4	180.5	24,000	47.5	177.7	24,600	49.2	171.8	25,200	190
	200	42.0	169.2	21,600	44.0	166.2	22,200				200
	210	38.3	156.4	19,500	40.2	153.1	20,000				210
	220	34.2	141.6	17,600	36.1	137.9	17,900				220
	230	29.7	124.1	15,800							230

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
200	60	80.3	264.3	73,000* ^b							60
	65	79.2	263.2	71,800* ^b							65
	70	78.1	262.0	70,700*	80.4	260.0	59,500*				70
	75	77.0	260.7	69,700*	79.3	258.7	58,800*				75
	80	75.8	259.3	68,700*	78.1	257.3	58,200*	80.5	253.1	42,300*	80
	85	74.7	257.8	67,700*	77.0	255.7	57,600*	79.3	251.6	41,300*	85
	90	73.5	256.2	66,700*	75.8	254.1	57,000*	78.1	249.9	40,300*	90
	95	72.4	254.4	63,200	74.7	252.3	56,400*	76.9	248.1	39,400*	95
	100	71.2	252.6	58,100	73.5	250.5	55,900*	75.7	246.2	38,500*	100
	105	70.0	250.6	53,500	72.3	248.5	55,400*	74.5	244.2	37,700*	105
	110	68.8	248.5	49,400	71.1	246.4	51,800	73.3	242.0	36,900*	110
	115	67.6	246.3	45,700	69.9	244.1	47,900	72.1	239.8	36,200*	115
	120	66.4	244.0	42,300	68.7	241.8	44,400	70.8	237.3	35,500*	120
	125	65.2	241.5	39,200	67.4	239.3	41,200	69.6	234.8	34,800*	125
	130	64.0	238.9	36,400	66.2	236.7	38,200	68.3	232.1	34,100*	130
	140	61.5	233.3	31,400	63.7	231.0	33,000	65.7	226.3	33,000*	140
	150	58.9	227.0	27,100	61.0	224.7	28,600	63.0	219.9	30,000	150
	160	56.2	220.1	23,400	58.4	217.7	24,700	60.3	212.7	25,900	160
	170	53.5	212.5	20,100	55.6	210.0	21,300	57.4	204.8	22,400	170
	180	50.6	204.1	17,300	52.7	201.5	18,300	54.5	196.1	19,200	180
	190	47.6	194.8	14,700	49.6	192.0	15,600	51.3	186.3	16,400	190
	200	44.5	184.4	12,400	46.4	181.5	13,200	48.0	175.4	13,900	200
	210	41.1	172.8	10,400	43.0	169.6	11,100				210
	220	37.5	159.6	8,500	39.3	156.2	9,100				220
	230	33.5	144.4	6,800	35.2	140.6	7,300				230
	240	29.0	126.5	5,200							240
210	60	80.7	274.5	73,400* ^b							60
	65	79.6	273.5	72,200* ^b							65
	70	78.5	272.3	71,200*	80.8	270.3	59,700*				70
	75	77.4	271.1	70,100*	79.7	269.0	59,100*				75
	80	76.4	269.7	69,100*	78.6	267.6	58,400*	80.8	263.5	42,700*	80
	85	75.3	268.3	68,200*	77.5	266.2	57,800*	79.7	262.0	41,700*	85
	90	74.2	266.7	67,200*	76.4	264.6	57,300*	78.6	260.4	40,700*	90
	95	73.0	265.0	62,700	75.2	262.9	56,700*	77.4	258.7	39,800*	95
	100	71.9	263.3	57,600	74.1	261.1	56,200*	76.3	256.8	39,000*	100
	105	70.8	261.4	53,000	73.0	259.2	55,600	75.1	254.9	38,100*	105
	110	69.7	259.4	48,900	71.8	257.2	51,300	74.0	252.8	37,400*	110
	115	68.5	257.3	45,200	70.7	255.1	47,400	72.8	250.7	36,600*	115
	120	67.4	255.0	41,800	69.5	252.8	43,900	71.6	248.4	35,900*	120
	125	66.2	252.7	38,700	68.3	250.4	40,700	70.4	245.9	35,200*	125
	130	65.0	250.2	35,900	67.2	247.9	37,800	69.2	243.4	34,600*	130
	140	62.6	244.8	30,900	64.7	242.5	32,600	66.7	237.9	33,400*	140
	150	60.2	238.9	26,600	62.3	236.5	28,100	64.2	231.8	29,600	150
	160	57.7	232.4	22,900	59.7	229.9	24,200	61.6	225.0	25,500	160
	170	55.1	225.2	19,600	57.1	222.7	20,900	58.9	217.6	22,000	170
	180	52.4	217.3	16,700	54.4	214.7	17,900	56.1	209.4	18,800	180
	190	49.6	208.6	14,200	51.5	205.8	15,200	53.2	200.3	16,000	190
	200	46.7	198.9	11,900	48.6	196.1	12,800	50.2	190.3	13,500	200
	210	43.6	188.2	9,900	45.4	185.2	10,600	46.9	179.0	11,200	210
	220	40.3	176.3	8,000	42.1	173.0	8,600				220
	230	36.7	162.7	6,300	38.5	159.2	6,800				230
	240	32.8	147.2	4,700	34.5	143.3	5,200				240

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	65	80.0	283.7	72,600* ^b							65
	70	78.9	282.6	71,600* ^b							70
	75	77.9	281.4	70,500*	80.1	279.3	59,300*				75
	80	76.9	280.1	69,600*	79.0	278.0	58,700*				80
	85	75.8	278.7	68,600*	77.9	276.6	58,100*	80.1	272.3	42,000*	85
	90	74.7	277.2	67,700*	76.9	275.1	57,500*	79.0	270.8	41,100*	90
	95	73.7	275.6	61,900	75.8	273.5	57,000*	77.9	269.2	40,200*	95
	100	72.6	273.9	56,700	74.7	271.7	56,400*	76.8	267.4	39,300*	100
	105	71.5	272.1	52,100	73.6	269.9	54,800	75.7	265.6	38,500*	105
	110	70.4	270.1	48,000	72.5	268.0	50,500	74.6	263.6	37,800*	110
	115	69.3	268.1	44,300	71.4	265.9	46,700	73.5	261.5	37,000*	115
	120	68.2	266.0	40,900	70.3	263.8	43,100	72.3	259.3	36,300*	120
	125	67.1	263.7	37,800	69.2	261.5	39,900	71.2	257.0	35,700*	125
	130	66.0	261.3	34,900	68.0	259.1	37,000	70.0	254.5	35,000*	130
	140	63.7	256.2	29,900	65.7	253.9	31,700	67.7	249.3	33,500	140
	150	61.4	250.6	25,600	63.4	248.2	27,300	65.3	243.5	28,800	150
	160	59.0	244.4	21,900	61.0	242.0	23,400	62.8	237.1	24,800	160
	170	56.5	237.6	18,700	58.5	235.1	20,000	60.3	230.0	21,200	170
	180	54.0	230.1	15,800	55.9	227.5	17,000	57.6	222.3	18,100	180
	190	51.3	221.9	13,200	53.3	219.2	14,300	54.9	213.8	15,200	190
	200	48.6	212.9	11,000	50.5	210.1	11,900	52.1	204.5	12,700	200
	210	45.7	203.0	8,900	47.6	200.1	9,700	49.1	194.1	10,400	210
	220	42.7	192.0	7,000	44.5	188.9	7,800	45.9	182.5	8,300	220
	230	39.5	179.7	5,300	41.2	176.4	6,000				230
	240				37.7	162.2	4,300				240
230	65	80.3	293.9	73,000* ^b							65
	70	79.3	292.8	71,900* ^b							70
	75	78.3	291.7	70,900*	80.4	289.6	59,500*				75
	80	77.3	290.4	70,000*	79.4	288.3	58,900*				80
	85	76.3	289.1	69,100*	78.4	287.0	58,300*	80.5	282.7	42,400*	85
	90	75.3	287.6	66,900	77.3	285.5	57,800*	79.4	281.2	41,400*	90
	95	74.2	286.1	61,100	76.3	283.9	57,200*	78.4	279.6	40,600*	95
	100	73.2	284.4	55,900	75.3	282.3	56,700*	77.3	277.9	39,700*	100
	105	72.2	282.7	51,300	74.2	280.5	54,100	76.2	276.2	38,900*	105
	110	71.1	280.9	47,200	73.2	278.7	49,800	75.2	274.3	38,200*	110
	115	70.1	278.9	43,400	72.1	276.7	45,900	74.1	272.3	37,400*	115
	120	69.0	276.9	40,000	71.0	274.6	42,400	73.0	270.2	36,800*	120
	125	67.9	274.7	36,900	70.0	272.5	39,200	71.9	267.9	36,100*	125
	130	66.9	272.4	34,100	68.9	270.2	36,200	70.8	265.6	35,500*	130
	140	64.7	267.5	29,100	66.7	265.2	31,000	68.5	260.6	32,800	140
	150	62.4	262.1	24,800	64.4	259.8	26,500	66.3	255.0	28,100	150
	160	60.2	256.2	21,100	62.1	253.8	22,600	63.9	248.9	24,100	160
	170	57.8	249.7	17,800	59.7	247.3	19,200	61.5	242.3	20,500	170
	180	55.4	242.7	14,900	57.3	240.1	16,200	59.0	235.0	17,300	180
	190	52.9	234.9	12,400	54.8	232.3	13,500	56.4	227.0	14,500	190
	200	50.4	226.5	10,100	52.2	223.7	11,100	53.8	218.2	12,000	200
	210	47.7	217.2	8,000	49.5	214.3	8,900	51.0	208.5	9,700	210
	220	44.9	207.0	6,200	46.6	203.9	7,000	48.0	197.8	7,600	220
	230	41.9	195.6	4,500	43.6	192.5	5,200				230

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
240	65	80.7	304.1	73,300* ^b							65
	70	79.7	303.1	72,300* ^b							70
	75	78.7	301.9	71,300* ^b	80.7	299.8	59,700*				75
	80	77.7	300.7	70,400*	79.8	298.6	59,100*				80
	85	76.8	299.4	69,500*	78.8	297.3	58,500*	80.8	293.0	42,700*	85
	90	75.8	298.0	66,000	77.8	295.9	58,000*	79.8	291.6	41,800*	90
	95	74.8	296.6	60,200	76.8	294.4	57,500*	78.8	290.1	40,900*	95
	100	73.8	295.0	55,000	75.8	292.8	57,000*	77.8	288.4	40,100*	100
	105	72.8	293.3	50,400	74.8	291.1	53,400	76.7	286.7	39,300*	105
	110	71.8	291.5	46,300	73.8	289.3	49,000	75.7	284.9	38,500*	110
	115	70.8	289.6	42,500	72.7	287.4	45,100	74.7	283.0	37,800*	115
	120	69.7	287.7	39,100	71.7	285.4	41,600	73.6	281.0	37,100*	120
	125	68.7	285.6	36,000	70.7	283.3	38,400	72.6	278.8	36,500*	125
	130	67.7	283.4	33,200	69.6	281.1	35,400	71.5	276.6	35,900*	130
	140	65.6	278.7	28,200	67.5	276.4	30,100	69.3	271.8	32,100	140
	150	63.5	273.5	23,900	65.4	271.2	25,700	67.1	266.5	27,400	150
	160	61.3	267.9	20,100	63.2	265.5	21,800	64.9	260.6	23,300	160
	170	59.0	261.7	16,900	60.9	259.3	18,300	62.6	254.3	19,700	170
	180	56.7	255.0	14,000	58.6	252.5	15,300	60.3	247.4	16,600	180
	190	54.4	247.6	11,400	56.2	245.0	12,600	57.8	239.8	13,700	190
250	200	52.0	239.6	9,100	53.7	236.9	10,200	55.3	231.5	11,200	200
	210	49.4	230.9	7,100	51.2	228.1	8,100	52.7	222.4	8,900	210
	220	46.8	221.3	5,200	48.5	218.4	6,100	50.0	212.5	6,800	220
	230				45.7	207.8	4,300	47.1	201.5	4,900	230
	65	81.0	314.3	60,000* ^b							65
	70	80.0	313.3	60,000* ^b							70
	75	79.1	312.2	60,000* ^b							75
	80	78.1	311.0	60,000*	80.1	308.9	59,300*				80
	85	77.2	309.8	60,000*	79.1	307.6	58,700*				85
	90	76.2	308.4	60,000*	78.2	306.3	58,200*	80.1	301.9	42,100*	90
	95	75.3	307.0	60,000*	77.2	304.8	57,700*	79.2	300.5	41,200*	95
	100	74.3	305.5	55,600	76.3	303.3	57,200*	78.2	298.9	40,400*	100
	105	73.4	303.9	51,000	75.3	301.7	53,900	77.2	297.3	39,600*	105
	110	72.4	302.1	46,900	74.3	299.9	49,600	76.2	295.5	38,900*	110
	115	71.4	300.3	43,100	73.3	298.1	45,700	75.2	293.7	38,200*	115
	120	70.4	298.4	39,700	72.3	296.2	42,200	74.2	291.7	37,500*	120
	125	69.4	296.4	36,600	71.3	294.2	38,900	73.2	289.7	36,900*	125
	130	68.4	294.3	33,800	70.3	292.1	36,000	72.1	287.5	36,200*	130
	140	66.4	289.8	28,800	68.3	287.5	30,700	70.1	282.9	32,600	140
	150	64.4	284.8	24,500	66.2	282.5	26,300	68.0	277.8	28,000	150
	160	62.3	279.4	20,800	64.1	277.0	22,400	65.8	272.2	23,900	160
	170	60.2	273.5	17,500	62.0	271.1	19,000	63.6	266.1	20,300	170
	180	58.0	267.1	14,600	59.8	264.6	16,000	61.4	259.5	17,200	180
	190	55.7	260.1	12,100	57.5	257.5	13,300	59.1	252.3	14,400	190
	200	53.4	252.5	9,800	55.2	249.9	10,900	56.7	244.5	11,900	200
	210	51.0	244.3	7,700	52.8	241.5	8,700	54.2	235.9	9,600	210
	220	48.6	235.3	5,900	50.3	232.4	6,800	51.7	226.6	7,500	220
	230	46.0	225.4	4,200	47.6	222.4	5,000	49.0	216.4	5,600	230

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
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M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
260	70	80.3	323.5	60,000* ^b							70
	75	79.4	322.4	60,000* ^b							75
	80	78.5	321.3	60,000*	80.4	319.2	59,500*				80
	85	77.6	320.1	60,000*	79.5	317.9	58,900*				85
	90	76.7	318.8	60,000*	78.6	316.6	58,400*	80.5	312.3	42,400*	90
	95	75.8	317.4	59,900	77.6	315.2	57,900*	79.5	310.8	41,500*	95
	100	74.8	315.9	54,800	76.7	313.7	57,400*	78.6	309.3	40,700*	100
	105	73.9	314.4	50,200	75.8	312.2	53,200	77.6	307.7	40,000*	105
	110	73.0	312.7	46,000	74.8	310.5	48,800	76.6	306.1	39,200*	110
	115	72.0	311.0	42,300	73.9	308.7	44,900	75.7	304.3	38,500*	115
	120	71.1	309.1	38,900	72.9	306.9	41,400	74.7	302.4	37,900*	120
	125	70.1	307.2	35,800	72.0	305.0	38,100	73.7	300.4	37,200*	125
	130	69.2	305.2	32,900	71.0	302.9	35,200	72.8	298.3	36,600*	130
	140	67.2	300.8	27,900	69.0	298.5	29,900	70.8	293.9	31,900	140
	150	65.2	296.1	23,600	67.0	293.7	25,400	68.7	289.0	27,200	150
	160	63.2	290.8	19,800	65.0	288.5	21,500	66.7	283.7	23,100	160
	170	61.2	285.2	16,600	63.0	282.8	18,100	64.6	277.8	19,600	170
	180	59.1	279.0	13,700	60.8	276.6	15,100	62.4	271.5	16,400	180
	190	57.0	272.4	11,200	58.7	269.8	12,400	60.2	264.7	13,600	190
	200	54.8	265.1	8,900	56.5	262.5	10,000	58.0	257.2	11,100	200
	210	52.5	257.3	6,800	54.2	254.6	7,900	55.6	249.1	8,800	210
	220	50.2	248.8	4,900	51.8	246.0	5,900	53.2	240.3	6,700	220
	230				49.4	236.6	4,100	50.7	230.7	4,800	230

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	55	80.2	214.2	51,500*							55
	60	78.8	213.0	50,400*							60
	65	77.4	211.6	49,400*							65
	70	76.0	210.1	48,400*	79.8	207.9	44,000*				70
	75	74.5	208.5	47,400*	78.4	206.2	43,200*				75
	80	73.1	206.7	46,500*	76.9	204.4	42,500*	80.9	199.8	33,900*	80
	85	71.7	204.7	45,600*	75.5	202.5	41,800*	79.4	197.8	32,800*	85
	90	70.2	202.7	44,800*	74.0	200.4	41,100*	77.9	195.7	31,700*	90
	95	68.7	200.5	44,000*	72.5	198.1	40,500*	76.3	193.4	30,800*	95
	100	67.2	198.1	43,200*	71.0	195.7	39,900*	74.8	190.9	29,900*	100
	105	65.7	195.5	42,500*	69.5	193.1	39,300*	73.2	188.3	29,000*	105
	110	64.2	192.8	41,800*	67.9	190.4	38,700*	71.6	185.4	28,300*	110
	115	62.6	189.9	41,100*	66.3	187.5	38,200*	70.0	182.4	27,500*	115
	120	61.0	186.9	40,500*	64.7	184.4	37,700*	68.3	179.2	26,800*	120
	125	59.4	183.6	39,800*	63.1	181.0	37,200*	66.6	175.8	26,200*	125
	130	57.7	180.1	39,200*	61.4	177.5	36,800*	64.9	172.1	25,600*	130
	140	54.3	172.5	38,100*	57.9	169.7	34,900*	61.3	164.1	24,400*	140
	150	50.8	163.8	37,100*	54.3	160.9	33,000*	57.5	155.0	23,500*	150
	160	47.0	154.0	36,200*	50.4	150.9	31,200*	53.5	144.5	22,600*	160
	170	42.9	142.7	34,300	46.2	139.3	29,700*	49.1	132.4	21,800*	170
	180	38.4	129.5	31,300	41.6	125.8	28,400*				180
	190	33.4	113.8	28,600	36.4	109.5	27,300*				190
140	55	80.6	224.4	51,900*							55
	60	79.3	223.3	50,800*							60
	65	78.0	222.0	49,800*							65
	70	76.6	220.5	48,800*	80.3	218.3	44,200*				70
	75	75.3	219.0	47,900*	79.0	216.7	43,500*				75
	80	73.9	217.3	47,000*	77.6	215.0	42,800*				80
	85	72.5	215.5	46,200*	76.2	213.1	42,100*	79.9	208.4	33,100*	85
	90	71.1	213.5	45,400*	74.8	211.1	41,500*	78.5	206.4	32,100*	90
	95	69.7	211.4	44,600*	73.4	209.0	40,800*	77.0	204.2	31,200*	95
	100	68.3	209.1	43,800*	71.9	206.7	40,200*	75.6	201.8	30,300*	100
	105	66.9	206.7	43,100*	70.5	204.3	39,700*	74.1	199.4	29,500*	105
	110	65.4	204.2	42,400*	69.0	201.7	39,100*	72.6	196.7	28,700*	110
	115	64.0	201.5	41,700*	67.5	199.0	38,600*	71.0	193.9	28,000*	115
	120	62.5	198.6	41,100*	66.0	196.0	38,100*	69.5	190.9	27,300*	120
	125	61.0	195.5	40,500*	64.5	192.9	37,600*	67.9	187.7	26,700*	125
	130	59.4	192.3	39,900*	62.9	189.6	37,200*	66.3	184.3	26,100*	130
	140	56.3	185.1	38,700*	59.7	182.4	36,000*	63.0	176.8	24,900*	140
	150	52.9	177.1	37,700*	56.3	174.3	34,000*	59.5	168.4	23,900*	150
	160	49.5	168.1	36,800*	52.8	165.1	32,300*	55.8	158.8	23,100*	160
	170	45.8	157.9	33,500	49.0	154.7	30,700*	51.9	147.9	22,300*	170
	180	41.8	146.2	30,600	44.9	142.7	29,300*	47.6	135.3	21,600*	180
	190	37.4	132.6	27,900	40.5	128.7	28,100*				190
	200	32.5	116.4	25,500	35.4	111.9	25,900				200
150	60	79.8	233.5	51,200*							60
	65	78.5	232.3	50,200*							65
	70	77.2	230.9	49,300*	80.8	228.6	44,500*				70
	75	75.9	229.4	48,300*	79.5	227.1	43,700*				75
	80	74.6	227.8	47,500*	78.1	225.5	43,100*				80
	85	73.3	226.1	46,600*	76.8	223.7	42,400*	80.4	218.9	33,500*	85
	90	72.0	224.2	45,800*	75.5	221.8	41,800*	79.0	217.0	32,500*	90
	95	70.7	222.2	45,100*	74.1	219.8	41,200*	77.6	214.9	31,600*	95
	100	69.3	220.1	44,300*	72.8	217.7	40,600*	76.3	212.7	30,800*	100
	105	68.0	217.8	43,600*	71.4	215.4	40,000*	74.8	210.3	29,900*	105
	110	66.6	215.4	42,900*	70.0	212.9	39,500*	73.4	207.8	29,200*	110
	115	65.2	212.8	42,300*	68.6	210.3	39,000*	72.0	205.1	28,500*	115
	120	63.8	210.1	41,600*	67.2	207.5	38,500*	70.5	202.3	27,800*	120
	125	62.4	207.2	41,000*	65.7	204.6	38,000*	69.0	199.3	27,100*	125
	130	60.9	204.2	40,400*	64.3	201.5	37,600*	67.5	196.1	26,500*	130
	140	58.0	197.5	39,300*	61.3	194.8	36,700*	64.4	189.2	25,400*	140
	150	54.9	190.0	38,300*	58.1	187.2	35,000*	61.2	181.3	24,400*	150
	160	51.6	181.7	36,300	54.9	178.7	33,300*	57.8	172.5	23,500*	160
	170	48.3	172.3	32,900	51.4	169.1	31,700*	54.2	162.6	22,700*	170
	180	44.7	161.7	29,900	47.7	158.3	30,200*	50.4	151.3	22,000*	180
	190	40.8	149.6	27,300	43.7	145.9	27,900	46.2	138.3	21,500*	190
	200	36.5	135.6	24,900	39.4	131.5	25,400				200
	210	31.7	119.0	22,700	34.4	114.2	23,100				210

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
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M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
160	60	80.2	243.8	51,500*							60
	65	79.0	242.6	50,600*							65
	70	77.8	241.3	49,600*							70
	75	76.5	239.9	48,800*	79.9	237.5	44,000*				75
	80	75.3	238.3	47,900*	78.7	235.9	43,300*				80
	85	74.0	236.7	47,100*	77.4	234.3	42,700*	80.8	229.4	33,800*	85
	90	72.8	234.9	46,300*	76.1	232.5	42,100*	79.5	227.5	32,900*	90
	95	71.5	233.0	45,600*	74.8	230.5	41,500*	78.2	225.5	32,000*	95
	100	70.2	231.0	44,800*	73.6	228.5	40,900*	76.9	223.4	31,100*	100
	105	68.9	228.8	44,100*	72.2	226.3	40,400*	75.5	221.2	30,300*	105
	110	67.6	226.5	43,500*	70.9	224.0	39,800*	74.2	218.8	29,600*	110
	115	66.3	224.1	42,800*	69.6	221.5	39,300*	72.8	216.3	28,900*	115
	120	65.0	221.5	42,200*	68.2	218.9	38,800*	71.4	213.6	28,200*	120
	125	63.6	218.8	41,600*	66.9	216.1	38,400*	70.0	210.8	27,600*	125
	130	62.3	215.9	41,000*	65.5	213.2	37,900*	68.6	207.8	27,000*	130
	140	59.5	209.6	39,900*	62.7	206.8	37,100*	65.7	201.2	25,900*	140
	150	56.6	202.6	38,800*	59.7	199.7	36,000*	62.7	193.9	24,900*	150
	160	53.6	194.8	35,600	56.7	191.8	34,200*	59.5	185.8	24,000*	160
	170	50.4	186.1	32,200	53.5	183.0	32,600*	56.2	176.6	23,200*	170
	180	47.1	176.4	29,200	50.1	173.1	30,000	52.7	166.3	22,500*	180
	190	43.6	165.4	26,500	46.5	161.9	27,200	49.0	154.6	21,800*	190
	200	39.8	153.0	24,200	42.6	149.1	24,800				200
	210	35.7	138.6	22,000	38.4	134.3	22,500				210
	220	31.0	121.5	20,100							220
170	60	80.6	254.0	51,800*							60
	65	79.4	252.9	50,900*							65
	70	78.3	251.6	50,000*							70
	75	77.1	250.3	49,200*	80.3	247.8	44,200*				75
	80	75.9	248.8	48,300*	79.1	246.4	43,600*				80
	85	74.7	247.2	47,500*	77.9	244.8	43,000*				85
	90	73.5	245.5	46,800*	76.7	243.0	42,400*	80.0	238.0	33,200*	90
	95	72.3	243.7	46,000*	75.5	241.2	41,800*	78.7	236.1	32,300*	95
	100	71.1	241.8	45,300*	74.3	239.2	41,200*	77.5	234.1	31,500*	100
	105	69.8	239.7	44,600*	73.0	237.2	40,700*	76.2	232.0	30,700*	105
	110	68.6	237.5	43,900*	71.8	234.9	40,200*	74.9	229.7	30,000*	110
	115	67.3	235.2	43,300*	70.5	232.6	39,700*	73.6	227.3	29,300*	115
	120	66.1	232.7	42,700*	69.2	230.1	39,200*	72.3	224.8	28,600*	120
	125	64.8	230.1	42,100*	67.9	227.5	38,700*	71.0	222.1	28,000*	125
	130	63.5	227.4	41,500*	66.6	224.7	38,300*	69.6	219.3	27,400*	130
	140	60.8	221.5	40,400*	63.9	218.7	37,500*	66.9	213.1	26,300*	140
	150	58.1	214.9	39,100	61.1	212.0	36,700*	64.0	206.2	25,300*	150
	160	55.3	207.6	35,200	58.3	204.6	35,100*	61.1	198.6	24,400*	160
	170	52.4	199.5	31,800	55.3	196.4	32,800	58.0	190.1	23,600*	170
	180	49.3	190.4	28,800	52.2	187.2	29,700	54.8	180.6	22,900*	180
	190	46.1	180.4	26,200	48.9	177.0	26,900	51.3	169.9	22,200*	190
	200	42.6	169.1	23,800	45.4	165.4	24,500	47.7	157.8	21,700*	200
	210	38.9	156.2	21,700	41.6	152.2	22,200				210
	220	34.9	141.4	19,700	37.4	137.0	20,200				220
	230	30.3	123.9	17,900							230

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

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REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	60	81.0	264.2	52,100*							60
	65	79.8	263.1	51,200*							65
	70	78.7	261.9	50,400*							70
	75	77.6	260.6	49,500*	80.7	258.2	44,400*				75
	80	76.5	259.2	48,700*	79.6	256.7	43,800*				80
	85	75.3	257.7	47,900*	78.4	255.2	43,200*				85
	90	74.2	256.1	47,200*	77.3	253.6	42,600*	80.4	248.5	33,500*	90
	95	73.0	254.3	46,400*	76.1	251.8	42,000*	79.2	246.7	32,700*	95
	100	71.8	252.5	45,700*	74.9	249.9	41,500*	78.0	244.8	31,900*	100
	105	70.7	250.5	45,100*	73.7	247.9	41,000*	76.8	242.7	31,100*	105
	110	69.5	248.4	44,400*	72.5	245.8	40,500*	75.5	240.6	30,400*	110
	115	68.3	246.2	43,800*	71.3	243.6	40,000*	74.3	238.3	29,700*	115
	120	67.1	243.9	43,200*	70.1	241.2	39,500*	73.1	235.9	29,000*	120
	125	65.8	241.4	42,300	68.8	238.7	39,100*	71.8	233.3	28,400*	125
	130	64.6	238.8	39,400	67.6	236.1	38,600*	70.5	230.6	27,800*	130
	140	62.1	233.2	34,400	65.1	230.4	36,400	67.9	224.7	26,700*	140
	150	59.5	226.9	30,100	62.4	224.1	31,800	65.2	218.3	25,700*	150
	160	56.9	220.0	26,400	59.7	217.1	27,900	62.5	211.1	24,800*	160
	170	54.1	212.4	23,100	57.0	209.4	24,500	59.6	203.1	24,000*	170
	180	51.2	204.0	20,200	54.0	200.8	21,500	56.6	194.3	22,600	180
	190	48.3	194.7	17,600	51.0	191.3	18,800	53.4	184.4	19,800	190
	200	45.1	184.3	15,300	47.8	180.7	16,300	50.1	173.4	17,200	200
	210	41.7	172.6	13,300	44.3	168.8	14,100	46.5	160.9	14,800	210
	220	38.1	159.4	11,400	40.6	155.3	12,100				220
	230	34.1	144.3	9,700	36.5	139.6	10,200				230
	240	29.6	126.3	8,100							240
190	65	80.2	273.4	51,500*							65
	70	79.1	272.2	50,700*							70
	75	78.1	271.0	49,900*							75
	80	77.0	269.6	49,100*	80.0	267.1	44,000*				80
	85	75.9	268.2	48,300*	78.9	265.6	43,400*				85
	90	74.8	266.6	47,600*	77.7	264.1	42,800*	80.8	258.9	33,800*	90
	95	73.7	264.9	46,800*	76.6	262.4	42,300*	79.6	257.2	33,000*	95
	100	72.5	263.2	46,200*	75.5	260.6	41,800*	78.5	255.3	32,200*	100
	105	71.4	261.3	45,500*	74.4	258.7	41,300*	77.3	253.4	31,400*	105
	110	70.3	259.3	44,800*	73.2	256.6	40,800*	76.1	251.3	30,700*	110
	115	69.1	257.1	44,200*	72.0	254.5	40,300*	75.0	249.1	30,000*	115
	120	68.0	254.9	43,600*	70.9	252.2	39,800*	73.8	246.8	29,400*	120
	125	66.8	252.6	41,400	69.7	249.9	39,400*	72.6	244.4	28,800*	125
	130	65.6	250.1	38,600	68.5	247.3	38,900*	71.3	241.8	28,200*	130
	140	63.2	244.7	33,600	66.1	241.9	35,600	68.9	236.3	27,100*	140
	150	60.8	238.8	29,300	63.6	235.9	31,100	66.3	230.1	26,100*	150
	160	58.3	232.2	25,500	61.1	229.3	27,200	63.7	223.3	25,200*	160
	170	55.7	225.1	22,300	58.4	222.0	23,700	61.0	215.8	24,400*	170
	180	53.0	217.2	19,400	55.7	214.0	20,700	58.2	207.5	22,000	180
	190	50.2	208.4	16,800	52.9	205.1	18,000	55.2	198.4	19,100	190
	200	47.3	198.8	14,500	49.9	195.3	15,600	52.1	188.2	16,500	200
	210	44.2	188.1	12,400	46.7	184.4	13,400	48.9	176.8	14,200	210
	220	40.9	176.1	10,500	43.4	172.2	11,300				220
	230	37.3	162.6	8,800	39.7	158.3	9,500				230
	240	33.4	147.0	7,200	35.7	142.2	7,800				240
	250	29.0	128.6	5,800							250

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
200	65	80.6	283.6	51,800*							65
	70	79.5	282.5	51,000*							70
	75	78.5	281.3	50,200*							75
	80	77.4	280.0	49,400*	80.3	277.4	44,200*				80
	85	76.4	278.6	48,700*	79.3	276.0	43,600*				85
	90	75.3	277.1	47,900*	78.2	274.5	43,100*				90
	95	74.3	275.5	47,200*	77.1	272.9	42,500*	80.0	267.6	33,300*	95
	100	73.2	273.8	46,600*	76.0	271.2	42,000*	78.9	265.9	32,500*	100
	105	72.1	272.0	45,900*	74.9	269.3	41,500*	77.8	264.0	31,700*	105
	110	71.0	270.0	45,300*	73.8	267.4	41,000*	76.7	262.0	31,000*	110
	115	69.9	268.0	44,600*	72.7	265.3	40,600*	75.5	259.9	30,400*	115
	120	68.8	265.9	43,600	71.6	263.2	40,100*	74.4	257.7	29,700*	120
	125	67.7	263.6	40,500	70.5	260.9	39,700*	73.2	255.4	29,100*	125
	130	66.6	261.2	37,700	69.4	258.5	39,200*	72.1	252.9	28,500*	130
	140	64.3	256.1	32,600	67.0	253.3	34,800	69.7	247.6	27,500*	140
	150	61.9	250.5	28,300	64.7	247.6	30,300	67.3	241.8	26,500*	150
	160	59.6	244.2	24,600	62.3	241.3	26,400	64.8	235.3	25,600*	160
	170	57.1	237.4	21,300	59.8	234.4	22,900	62.3	228.3	24,400	170
	180	54.6	230.0	18,400	57.2	226.8	19,900	59.6	220.5	21,200	180
	190	51.9	221.8	15,800	54.5	218.5	17,100	56.9	211.9	18,300	190
	200	49.2	212.8	13,500	51.7	209.4	14,700	54.0	202.4	15,700	200
	210	46.3	202.8	11,500	48.8	199.3	12,500	51.0	191.9	13,400	210
	220	43.3	191.8	9,600	45.7	188.0	10,500	47.7	180.2	11,200	220
	230	40.1	179.5	7,800	42.4	175.5	8,600				230
	240	36.6	165.6	6,300	38.9	161.2	6,900				240
	250	32.8	149.7	4,800	34.9	144.7	5,400				250
210	65	80.9	293.8	52,100*							65
	70	79.9	292.7	51,300*							70
	75	78.9	291.6	50,500*							75
	80	77.9	290.3	49,700*	80.7	287.7	44,400*				80
	85	76.9	289.0	49,000*	79.7	286.4	43,800*				85
	90	75.8	287.5	48,300*	78.6	284.9	43,300*				90
	95	74.8	286.0	47,600*	77.6	283.4	42,800*	80.4	278.1	33,500*	95
	100	73.8	284.3	46,900*	76.5	281.7	42,300*	79.3	276.4	32,800*	100
	105	72.7	282.6	46,300*	75.5	279.9	41,800*	78.3	274.6	32,000*	105
	110	71.7	280.8	45,700*	74.4	278.1	41,300*	77.2	272.7	31,300*	110
	115	70.6	278.8	45,100*	73.4	276.1	40,800*	76.1	270.7	30,700*	115
	120	69.6	276.7	43,100	72.3	274.0	40,400*	75.0	268.5	30,100*	120
	125	68.5	274.6	40,000	71.2	271.8	39,900*	73.9	266.3	29,500*	125
	130	67.4	272.3	37,200	70.1	269.5	39,500*	72.8	264.0	28,900*	130
	140	65.2	267.4	32,100	67.9	264.6	34,400	70.5	258.9	27,800*	140
	150	63.0	262.0	27,800	65.7	259.1	29,800	68.2	253.3	26,800*	150
	160	60.7	256.1	24,000	63.4	253.1	25,900	65.8	247.2	25,900*	160
	170	58.4	249.6	20,800	61.0	246.6	22,400	63.4	240.4	24,000	170
	180	56.0	242.5	17,900	58.5	239.4	19,400	60.9	233.1	20,800	180
	190	53.5	234.8	15,300	56.0	231.6	16,700	58.3	225.0	17,900	190
	200	50.9	226.3	13,000	53.4	223.0	14,200	55.6	216.1	15,400	200
	210	48.2	217.0	10,900	50.7	213.5	12,000	52.8	206.4	13,000	210
	220	45.4	206.8	9,000	47.8	203.1	10,000	49.8	195.6	10,900	220
	230	42.5	195.5	7,300	44.8	191.6	8,200	46.7	183.5	8,900	230
	240	39.3	182.9	5,700	41.6	178.7	6,500				240
	250	35.9	168.7	4,300	38.1	164.1	4,900				250

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	70	80.2	303.0	51,600*							70
	75	79.3	301.8	50,800*							75
	80	78.3	300.6	50,000*							80
	85	77.3	299.3	49,300*	80.0	296.7	44,000*				85
	90	76.3	297.9	48,600*	79.0	295.3	43,500*				90
	95	75.3	296.4	47,900*	78.0	293.8	43,000*	80.7	288.5	33,800*	95
	100	74.3	294.9	47,300*	77.0	292.2	42,500*	79.7	286.8	33,000*	100
	105	73.3	293.2	46,700*	76.0	290.5	42,000*	78.7	285.1	32,300*	105
	110	72.3	291.4	46,000*	75.0	288.7	41,500*	77.6	283.3	31,600*	110
	115	71.3	289.5	45,400*	74.0	286.8	41,100*	76.6	281.3	31,000*	115
	120	70.3	287.6	42,200*	72.9	284.8	40,600*	75.5	279.3	30,400*	120
	125	69.3	285.5	39,100	71.9	282.7	40,200*	74.5	277.2	29,800*	125
	130	68.2	283.3	36,300	70.8	280.5	38,900	73.4	274.9	29,200*	130
	140	66.1	278.6	31,200	68.7	275.7	33,600	71.2	270.0	28,100*	140
	150	64.0	273.4	26,900	66.6	270.5	29,000	69.0	264.7	27,200*	150
	160	61.8	267.8	23,100	64.4	264.8	25,100	66.8	258.8	26,300*	160
	170	59.6	261.6	19,800	62.1	258.6	21,600	64.5	252.4	23,300	170
	180	57.3	254.8	16,900	59.8	251.7	18,600	62.1	245.4	20,100	180
	190	54.9	247.5	14,400	57.4	244.3	15,800	59.6	237.8	17,200	190
	200	52.5	239.5	12,100	54.9	236.2	13,400	57.1	229.5	14,600	200
	210	50.0	230.8	10,000	52.4	227.3	11,200	54.5	220.3	12,300	210
	220	47.4	221.2	8,100	49.7	217.6	9,200	51.7	210.2	10,100	220
	230	44.6	210.7	6,400	46.9	206.9	7,300	48.8	199.1	8,100	230
	240	41.7	199.1	4,800	43.9	195.1	5,600				240
	250				40.7	181.8	4,100				250
230	70	80.6	313.2	51,800*							70
	75	79.6	312.1	51,100*							75
	80	78.7	310.9	50,300*							80
	85	77.7	309.7	49,600*	80.3	307.0	44,200*				85
	90	76.8	308.3	48,900*	79.4	305.7	43,700*				90
	95	75.8	306.9	48,300*	78.4	304.2	43,200*				95
	100	74.9	305.4	47,600*	77.5	302.7	42,700*	80.1	297.2	33,300*	100
	105	73.9	303.7	47,000*	76.5	301.0	42,200*	79.1	295.6	32,600*	105
	110	72.9	302.0	46,400*	75.5	299.3	41,800*	78.1	293.8	31,900*	110
	115	71.9	300.2	44,900	74.5	297.5	41,300*	77.1	292.0	31,300*	115
	120	71.0	298.3	41,400	73.5	295.6	40,900*	76.1	290.0	30,700*	120
	125	70.0	296.3	38,300	72.5	293.5	40,500*	75.0	287.9	30,100*	125
	130	69.0	294.2	35,400	71.5	291.4	38,200	74.0	285.8	29,500*	130
	140	67.0	289.7	30,400	69.5	286.8	32,900	71.9	281.1	28,500*	140
	150	64.9	284.7	26,000	67.4	281.8	28,300	69.8	276.0	27,500*	150
	160	62.8	279.3	22,300	65.3	276.3	24,300	67.6	270.4	26,400	160
	170	60.7	273.4	19,000	63.1	270.4	20,900	65.4	264.3	22,700	170
	180	58.5	267.0	16,100	60.9	263.9	17,800	63.2	257.6	19,400	180
	190	56.3	260.0	13,500	58.6	256.8	15,100	60.8	250.3	16,500	190
	200	53.9	252.4	11,200	56.3	249.1	12,600	58.4	242.4	13,900	200
	210	51.6	244.1	9,100	53.9	240.7	10,400	56.0	233.8	11,600	210
	220	49.1	235.1	7,200	51.4	231.6	8,400	53.4	224.4	9,400	220
	230	46.5	225.3	5,500	48.8	221.6	6,600	50.6	214.0	7,500	230
	240				46.0	210.6	4,900	47.8	202.6	5,600	240

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
240	70	80.9	323.4	52,100*							70
	75	80.0	322.3	51,300*							75
	80	79.0	321.2	50,600*							80
	85	78.1	320.0	49,900*	80.7	317.3	44,400*				85
	90	77.2	318.7	49,200*	79.7	316.0	43,900*				90
	95	76.3	317.3	48,600*	78.8	314.6	43,400*				95
	100	75.3	315.8	48,000*	77.9	313.1	42,900*	80.4	307.6	33,600*	100
	105	74.4	314.3	47,300*	76.9	311.5	42,400*	79.4	306.0	32,900*	105
	110	73.5	312.6	46,700*	76.0	309.9	42,000*	78.5	304.3	32,200*	110
	115	72.5	310.9	44,000	75.0	308.1	41,500*	77.5	302.5	31,600*	115
	120	71.6	309.0	40,600	74.1	306.2	41,100*	76.5	300.6	31,000*	120
	125	70.6	307.1	37,400	73.1	304.3	40,500	75.5	298.7	30,400*	125
	130	69.7	305.1	34,600	72.1	302.2	37,500	74.6	296.6	29,800*	130
	140	67.7	300.7	29,500	70.2	297.8	32,100	72.6	292.1	28,800*	140
	150	65.8	295.9	25,100	68.2	293.0	27,500	70.5	287.2	27,800*	150
	160	63.7	290.7	21,400	66.1	287.8	23,500	68.4	281.8	25,600	160
	170	61.7	285.1	18,100	64.1	282.0	20,000	66.3	275.9	22,000	170
	180	59.6	278.9	15,200	62.0	275.8	17,000	64.2	269.6	18,700	180
	190	57.5	272.2	12,600	59.8	269.1	14,200	61.9	262.7	15,800	190
	200	55.3	265.0	10,300	57.6	261.7	11,800	59.7	255.2	13,200	200
	210	53.0	257.2	8,200	55.3	253.8	9,500	57.3	247.0	10,800	210
	220	50.7	248.6	6,300	52.9	245.2	7,500	54.9	238.1	8,600	220
	230	48.2	239.4	4,600	50.4	235.8	5,700	52.3	228.4	6,700	230
	240				47.9	225.5	4,000	49.7	217.8	4,900	240
250	75	80.3	332.5	51,600*							75
	80	79.4	331.4	50,900*							80
	85	78.5	330.3	50,200*	80.9	327.6	44,500*				85
	90	77.6	329.0	49,500*	80.1	326.3	44,000*				90
	95	76.7	327.7	48,900*	79.1	324.9	43,500*				95
	100	75.8	326.2	48,300*	78.2	323.5	43,100*	80.7	318.0	33,800*	100
	105	74.9	324.7	47,700*	77.3	322.0	42,600*	79.8	316.5	33,100*	105
	110	74.0	323.1	47,100*	76.4	320.4	42,200*	78.8	314.8	32,500*	110
	115	73.1	321.4	44,500	75.5	318.7	41,700*	77.9	313.1	31,800*	115
	120	72.2	319.7	41,100	74.6	316.9	41,300*	77.0	311.3	31,200*	120
	125	71.2	317.8	37,900	73.6	315.0	40,900*	76.0	309.3	30,700*	125
	130	70.3	315.8	35,100	72.7	313.0	37,900	75.1	307.3	30,100*	130
	140	68.4	311.6	30,000	70.8	308.8	32,600	73.1	303.0	29,100*	140
	150	66.5	307.0	25,700	68.9	304.1	28,000	71.2	298.3	28,100*	150
	160	64.6	302.0	21,900	66.9	299.1	24,000	69.2	293.1	26,100	160
	170	62.6	296.6	18,600	65.0	293.6	20,600	67.2	287.5	22,500	170
	180	60.6	290.7	15,700	62.9	287.6	17,500	65.1	281.4	19,200	180
	190	58.6	284.3	13,100	60.9	281.2	14,800	63.0	274.8	16,300	190
	200	56.5	277.4	10,800	58.7	274.2	12,300	60.8	267.6	13,700	200
	210	54.3	269.9	8,700	56.5	266.6	10,100	58.5	259.9	11,400	210
	220	52.1	261.8	6,900	54.3	258.4	8,100	56.2	251.4	9,200	220
	230	49.8	253.1	5,100	52.0	249.5	6,300	53.8	242.3	7,300	230
	240				49.5	239.9	4,600	51.3	232.3	5,500	240

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
260	75	80.5	342.8	51,800*							75
	80	79.7	341.7	51,100*							80
	85	78.8	340.5	50,400*							85
	90	78.0	339.3	49,800*	80.4	336.6	44,200*				90
	95	77.1	338.0	49,200*	79.5	335.3	43,700*				95
	100	76.2	336.6	48,600*	78.6	333.9	43,300*	81.0	328.4	34,000*	100
	105	75.4	335.2	48,000*	77.7	332.4	42,800*	80.1	326.9	33,300*	105
	110	74.5	333.6	47,400*	76.8	330.9	42,400*	79.2	325.3	32,700*	110
	115	73.6	332.0	43,700	75.9	329.2	42,000*	78.3	323.6	32,100*	115
	120	72.7	330.3	40,200	75.1	327.5	41,500*	77.4	321.8	31,500*	120
	125	71.8	328.5	37,100	74.2	325.7	40,200	76.5	320.0	30,900*	125
	130	70.9	326.6	34,200	73.2	323.7	37,200	75.5	318.0	30,400*	130
	140	69.1	322.5	29,100	71.4	319.6	31,800	73.7	313.9	29,400*	140
	150	67.3	318.1	24,800	69.6	315.2	27,200	71.8	309.3	28,400*	150
	160	65.4	313.3	21,000	67.7	310.3	23,300	69.9	304.3	25,400	160
	170	63.5	308.0	17,700	65.8	305.0	19,800	67.9	298.9	21,800	170
	180	61.6	302.4	14,800	63.8	299.3	16,700	65.9	293.1	18,500	180
	190	59.6	296.2	12,200	61.8	293.1	13,900	63.9	286.7	15,600	190
	200	57.6	289.6	9,900	59.8	286.4	11,500	61.8	279.9	13,000	200
	210	55.6	282.5	7,800	57.7	279.2	9,300	59.7	272.5	10,600	210
	220	53.4	274.8	5,900	55.6	271.4	7,300	57.5	264.5	8,500	220
	230	51.3	266.5	4,200	53.4	262.9	5,400	55.2	255.8	6,500	230
	240							52.9	246.4	4,700	240

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	60	80.1	233.6	40,500*							60
	65	78.9	232.4	39,600*							65
	70	77.6	231.0	38,800*							70
	75	76.3	229.5	38,000*	80.8	227.1	34,500*				75
	80	75.0	227.9	37,300*	79.4	225.5	33,900*				80
	85	73.7	226.2	36,500*	78.1	223.8	33,200*				85
	90	72.4	224.3	35,800*	76.8	221.9	32,500*				90
	95	71.0	222.3	35,100*	75.4	219.9	31,800*	80.3	215.2	26,800*	95
	100	69.7	220.2	34,400*	74.1	217.7	31,200*	78.9	213.0	26,100*	100
	105	68.3	217.9	33,800*	72.7	215.4	30,500*	77.5	210.7	25,400*	105
	110	67.0	215.5	33,100*	71.3	213.0	29,900*	76.1	208.2	24,600*	110
	115	65.6	212.9	32,300*	69.9	210.3	29,300*	74.6	205.6	24,000*	115
	120	64.2	210.2	31,700*	68.5	207.6	28,800*	73.2	202.8	23,300*	120
	125	62.7	207.3	31,000*	67.0	204.7	28,200*	71.7	199.8	22,700*	125
	130	61.3	204.2	30,300*	65.6	201.6	27,700*	70.2	196.7	22,100*	130
	140	58.3	197.6	29,100*	62.6	194.8	26,700*	67.1	189.8	21,100*	140
	150	55.2	190.1	27,900*	59.4	187.2	25,700*	63.9	182.1	20,100*	150
	160	52.0	181.8	26,800*	56.2	178.7	24,800*	60.5	173.4	19,300*	160
	170	48.6	172.4	25,800*	52.7	169.2	24,100*	56.9	163.6	18,500*	170
	180	45.0	161.8	24,900*	49.0	158.4	23,200*	53.1	152.4	17,800*	180
140	190	41.2	149.7	24,000*	45.1	146.0	22,100*	49.0	139.6	17,200*	190
	200	36.9	135.8	23,200*	40.7	131.6	21,100*				200
	210	32.1	119.1	22,600*	35.7	114.3	20,300*				210
	60	80.5	243.9	40,800*							60
	65	79.3	242.7	39,900*							65
	70	78.1	241.4	39,100*							70
	75	76.9	239.9	38,400*							75
	80	75.6	238.4	37,600*	79.9	236.0	34,100*				80
	85	74.4	236.8	36,900*	78.6	234.3	33,500*				85
	90	73.1	235.0	36,200*	77.4	232.5	32,800*				90
	95	71.9	233.1	35,600*	76.1	230.6	32,100*	80.7	225.7	26,900*	95
	100	70.6	231.0	34,900*	74.8	228.5	31,500*	79.4	223.7	26,500*	100
	105	69.3	228.9	34,200*	73.5	226.3	30,900*	78.1	221.5	25,700*	105
	110	68.0	226.6	33,600*	72.2	224.0	30,300*	76.7	219.1	25,000*	110
	115	66.7	224.1	32,900*	70.8	221.5	29,700*	75.4	216.6	24,300*	115
	120	65.3	221.6	32,200*	69.5	218.9	29,200*	74.0	214.0	23,700*	120
	125	64.0	218.8	31,600*	68.1	216.1	28,600*	72.6	211.1	23,100*	125
	130	62.6	215.9	30,900*	66.7	213.2	28,100*	71.2	208.2	22,500*	130
	140	59.8	209.7	29,700*	63.9	206.8	27,100*	68.3	201.7	21,500*	140
	150	56.9	202.7	28,500*	61.0	199.8	26,200*	65.3	194.5	20,500*	150
	160	53.9	194.9	27,400*	57.9	191.9	25,300*	62.1	186.4	19,700*	160
	170	50.8	186.2	26,400*	54.7	183.0	24,500*	58.8	177.4	18,900*	170
	180	47.5	176.5	25,500*	51.4	173.1	23,800*	55.3	167.2	18,200*	180
	190	44.0	165.5	24,600*	47.8	161.9	22,800*	51.6	155.6	17,600*	190
	200	40.2	153.1	23,800*	43.9	149.1	21,800*	47.5	142.3	17,100*	200
	210	36.0	138.7	23,100*	39.6	134.3	20,900*				210
	220	31.3	121.6	22,000	34.7	116.5	20,100*				220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	60	80.9	254.1	41,000*							60
	65	79.8	252.9	40,200*							65
	70	78.6	251.7	39,500*							70
	75	77.4	250.3	38,700*							75
	80	76.2	248.9	38,000*	80.3	246.3	34,300*				80
	85	75.0	247.3	37,300*	79.1	244.7	33,700*				85
	90	73.8	245.6	36,600*	77.9	243.0	33,100*				90
	95	72.6	243.8	36,000*	76.7	241.2	32,400*				95
	100	71.4	241.8	35,300*	75.4	239.2	31,800*	79.9	234.3	26,600*	100
	105	70.2	239.8	34,700*	74.2	237.1	31,200*	78.6	232.1	26,000*	105
	110	68.9	237.6	34,100*	72.9	234.9	30,700*	77.3	229.9	25,300*	110
	115	67.7	235.3	33,400*	71.7	232.6	30,100*	76.0	227.5	24,600*	115
	120	66.4	232.8	32,800*	70.4	230.1	29,500*	74.7	225.0	24,000*	120
	125	65.1	230.2	32,100*	69.1	227.5	29,000*	73.4	222.4	23,400*	125
	130	63.8	227.5	31,500*	67.8	224.7	28,500*	72.1	219.5	22,900*	130
	140	61.2	221.5	30,300*	65.1	218.7	27,500*	69.3	213.4	21,800*	140
	150	58.5	215.0	29,100*	62.3	212.0	26,600*	66.5	206.6	20,900*	150
	160	55.6	207.6	28,000*	59.5	204.6	25,700*	63.5	199.1	20,000*	160
	170	52.7	199.5	27,000*	56.5	196.4	24,900*	60.5	190.7	19,300*	170
	180	49.6	190.5	26,100*	53.4	187.2	24,200*	57.2	181.3	18,600*	180
	190	46.4	180.5	25,200*	50.1	176.9	23,500*	53.8	170.7	18,000*	190
	200	43.0	169.2	24,400*	46.6	165.4	22,500*	50.2	158.7	17,400*	200
	210	39.3	156.4	23,300	42.8	152.2	21,600*	46.2	145.0	16,900*	210
	220	35.2	141.6	21,400	38.6	136.9	20,700*				220
	230	30.6	124.1	19,600	33.8	118.7	20,000*				230
160	65	80.2	263.2	40,500*							65
	70	79.0	262.0	39,700*							70
	75	77.9	260.7	39,000*							75
	80	76.8	259.3	38,300*	80.7	256.7	34,500*				80
	85	75.6	257.8	37,600*	79.6	255.2	33,900*				85
	90	74.5	256.1	37,000*	78.4	253.5	33,300*				90
	95	73.3	254.4	36,300*	77.2	251.8	32,700*				95
	100	72.2	252.6	35,700*	76.0	249.9	32,100*	80.3	244.8	26,800*	100
	105	71.0	250.6	35,100*	74.9	247.9	31,500*	79.1	242.8	26,300*	105
	110	69.8	248.5	34,500*	73.7	245.8	31,000*	77.9	240.6	25,600*	110
	115	68.6	246.3	33,900*	72.4	243.5	30,400*	76.6	238.4	25,000*	115
	120	67.4	243.9	33,300*	71.2	241.2	29,900*	75.4	236.0	24,300*	120
	125	66.2	241.5	32,600*	70.0	238.7	29,400*	74.1	233.4	23,800*	125
	130	64.9	238.9	32,000*	68.7	236.0	28,800*	72.8	230.8	23,200*	130
	140	62.4	233.2	30,800*	66.2	230.3	27,900*	70.2	225.0	22,200*	140
	150	59.8	227.0	29,700*	63.6	224.0	27,000*	67.6	218.6	21,200*	150
	160	57.2	220.1	28,600*	60.9	217.0	26,100*	64.8	211.4	20,400*	160
	170	54.4	212.5	25,300	58.1	209.3	25,300*	61.9	203.6	19,600*	170
	180	51.6	204.1	22,400	55.2	200.8	23,800	58.9	194.8	18,900*	180
	190	48.6	194.8	19,800	52.1	191.3	21,100	55.8	185.1	18,300*	190
	200	45.4	184.4	17,600	48.9	180.7	18,700	52.4	174.1	17,700*	200
	210	42.1	172.7	15,500	45.5	168.8	16,500	48.9	161.8	17,200*	210
	220	38.4	159.5	13,600	41.8	155.2	14,400	45.0	147.7	15,300	220
	230	34.5	144.4	11,900	37.7	139.5	12,600				230
	240	30.0	126.4	10,300							240

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
170	65	80.5	273.4	40,800*							65
	70	79.5	272.3	40,000*							70
	75	78.4	271.0	39,300*							75
	80	77.3	269.7	38,600*							80
	85	76.2	268.2	38,000*	80.0	265.6	34,100*				85
	90	75.1	266.7	37,300*	78.8	264.0	33,600*				90
	95	74.0	265.0	36,700*	77.7	262.3	33,000*				95
	100	72.8	263.2	36,100*	76.6	260.5	32,400*	80.7	255.3	26,900*	100
	105	71.7	261.3	35,500*	75.5	258.6	31,800*	79.5	253.4	26,500*	105
	110	70.6	259.3	34,900*	74.3	256.6	31,300*	78.4	251.3	25,900*	110
	115	69.4	257.2	34,300*	73.1	254.4	30,700*	77.2	249.1	25,300*	115
	120	68.3	255.0	33,800*	72.0	252.2	30,200*	76.0	246.9	24,600*	120
	125	67.1	252.6	33,100*	70.8	249.8	29,700*	74.8	244.4	24,100*	125
	130	65.9	250.1	32,500*	69.6	247.3	29,200*	73.6	241.9	23,500*	130
	140	63.5	244.8	31,400*	67.2	241.8	28,200*	71.1	236.4	22,500*	140
	150	61.1	238.8	30,200*	64.7	235.8	27,400*	68.6	230.3	21,600*	150
	160	58.6	232.3	28,000	62.2	229.2	26,500*	65.9	223.6	20,700*	160
	170	56.0	225.1	24,800	59.5	221.9	25,700*	63.2	216.1	20,000*	170
	180	53.3	217.2	21,900	56.8	213.9	23,400	60.4	207.9	19,300*	180
	190	50.5	208.5	19,300	54.0	205.1	20,700	57.5	198.9	18,600*	190
	200	47.6	198.9	17,000	51.0	195.2	18,200	54.4	188.8	18,100*	200
	210	44.5	188.2	15,000	47.8	184.3	16,000	51.1	177.5	17,200	210
	220	41.2	176.2	13,100	44.5	172.1	14,000	47.6	164.8	15,000	220
	230	37.6	162.7	11,400	40.8	158.2	12,200				230
	240	33.7	147.1	9,800	36.8	142.1	10,500				240
	250	29.3	128.8	8,300							250
180	65	80.9	283.7	41,000*							65
	70	79.8	282.5	40,300*							70
	75	78.8	281.3	39,600*							75
	80	77.7	280.0	38,900*							80
	85	76.7	278.6	38,300*	80.3	275.9	34,300*				85
	90	75.6	277.1	37,600*	79.3	274.4	33,800*				90
	95	74.6	275.5	37,000*	78.2	272.8	33,200*				95
	100	73.5	273.8	36,400*	77.1	271.1	32,700*				100
	105	72.4	272.0	35,800*	76.0	269.2	32,100*	80.0	263.9	26,600*	105
	110	71.3	270.1	35,300*	74.9	267.3	31,600*	78.8	261.9	26,100*	110
	115	70.2	268.1	34,700*	73.8	265.2	31,000*	77.7	259.9	25,500*	115
	120	69.1	265.9	34,200*	72.7	263.1	30,500*	76.6	257.7	24,900*	120
	125	68.0	263.7	33,600*	71.5	260.8	30,000*	75.4	255.4	24,400*	125
	130	66.9	261.3	33,000*	70.4	258.4	29,500*	74.2	252.9	23,800*	130
	140	64.6	256.2	31,800*	68.1	253.2	28,600*	71.9	247.7	22,800*	140
	150	62.2	250.5	30,800*	65.7	247.5	27,700*	69.5	241.9	21,900*	150
	160	59.8	244.3	27,100	63.3	241.2	26,900*	67.0	235.5	21,100*	160
	170	57.4	237.5	23,800	60.8	234.3	25,600	64.4	228.5	20,300*	170
	180	54.9	230.0	21,000	58.2	226.7	22,600	61.8	220.7	19,600*	180
	190	52.2	221.9	18,400	55.6	218.4	19,900	59.0	212.2	19,000*	190
	200	49.5	212.9	16,100	52.8	209.3	17,400	56.1	202.8	18,400*	200
	210	46.6	202.9	14,000	49.9	199.1	15,200	53.1	192.4	16,500	210
	220	43.6	191.9	12,100	46.8	187.9	13,200	49.9	180.8	14,300	220
	230	40.4	179.6	10,400	43.5	175.3	11,300	46.5	167.7	12,300	230
	240	36.9	165.7	8,800	39.9	161.1	9,600				240
	250	33.1	149.8	7,400	36.0	144.6	8,000				250
	260	28.7	131.1	6,000							260

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
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REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	70	80.2	292.8	40,500*							70
	75	79.2	291.6	39,800*							75
	80	78.2	290.4	39,200*							80
	85	77.2	289.0	38,600*	80.7	286.3	34,500*				85
	90	76.1	287.6	37,900*	79.6	284.8	34,000*				90
	95	75.1	286.0	37,300*	78.6	283.2	33,400*				95
	100	74.1	284.4	36,800*	77.6	281.6	32,900*				100
	105	73.0	282.7	36,200*	76.5	279.8	32,300*				105
	110	72.0	280.8	35,600*	75.5	278.0	31,800*	80.3	274.4	26,800*	110
	115	70.9	278.9	35,100*	74.4	276.0	31,300*	79.2	272.5	26,400*	115
	120	69.9	276.8	34,500*	73.3	273.9	30,800*	78.2	270.5	25,800*	120
	125	68.8	274.6	34,000*	72.2	271.7	30,300*	77.1	268.4	25,200*	125
	130	67.7	272.4	33,400*	71.1	269.4	29,800*	76.0	266.2	24,600*	130
	140	65.5	267.4	32,300*	68.9	264.5	28,900*	74.8	263.9	24,100*	140
	150	63.3	262.1	30,000	66.7	259.0	28,100*	72.6	258.8	23,100*	150
	160	61.0	256.1	26,300	64.4	253.0	27,200*	70.3	253.3	22,200*	160
	170	58.7	249.7	23,000	62.0	246.5	24,900	67.9	247.2	21,400*	170
	180	56.3	242.6	20,100	59.6	239.3	21,900	65.5	240.5	20,600*	180
	190	53.8	234.9	17,500	57.0	231.4	19,100	63.0	233.2	19,900*	190
	200	51.2	226.4	15,200	54.4	222.8	16,700	60.4	225.2	19,300*	200
	210	48.5	217.1	13,200	51.7	213.4	14,400	57.7	216.4	18,200	210
	220	45.7	206.9	11,300	48.8	203.0	12,400	54.9	206.7	15,800	220
	230	42.8	195.6	9,600	45.8	191.4	10,600	51.9	196.0	13,600	230
	240	39.6	183.0	8,000	42.6	178.5	8,900	48.8	184.1	11,600	240
	250	36.2	168.8	6,500	39.1	163.9	7,300	45.4	170.6	9,800	250
	260	32.4	152.5	5,200	35.2	147.0	5,800				260
	270	28.2	133.3	4,000							270
200	70	80.5	303.0	40,800*							70
	75	79.5	301.9	40,100*							75
	80	78.6	300.7	39,400*							80
	85	77.6	299.4	38,800*							85
	90	76.6	298.0	38,200*	80.0	295.2	34,100*				90
	95	75.6	296.5	37,600*	79.0	293.7	33,700*				95
	100	74.6	294.9	37,100*	78.0	292.1	33,100*				100
	105	73.6	293.2	36,500*	77.0	290.4	32,600*				105
	110	72.6	291.5	36,000*	76.0	288.6	32,100*	80.7	284.8	26,900*	110
	115	71.6	289.6	35,400*	74.9	286.7	31,600*	79.6	283.0	26,500*	115
	120	70.6	287.6	34,900*	73.9	284.7	31,100*	78.6	281.1	26,000*	120
	125	69.5	285.5	34,400*	72.9	282.6	30,600*	77.5	279.1	25,500*	125
	130	68.5	283.3	33,900*	71.8	280.4	30,100*	76.5	277.0	24,900*	130
	140	66.4	278.6	32,800*	69.7	275.6	29,200*	75.4	274.7	24,400*	140
	150	64.3	273.5	29,100	67.5	270.4	28,400*	73.2	269.9	23,400*	150
	160	62.1	267.8	25,400	65.3	264.7	27,600*	71.0	264.6	22,500*	160
	170	59.9	261.6	22,100	63.1	258.4	24,100	68.8	258.8	21,700*	170
	180	57.6	254.9	19,200	60.8	251.6	21,000	66.5	252.5	20,900*	180
	190	55.2	247.6	16,600	58.4	244.2	18,300	64.1	245.5	20,200*	190
	200	52.8	239.6	14,300	55.9	236.0	15,800	61.6	237.9	19,600*	200
	210	50.3	230.8	12,200	53.3	227.2	13,600	59.1	229.6	17,500	210
	220	47.6	221.3	10,300	50.7	217.4	11,600	56.5	220.5	15,100	220
	230	44.9	210.8	8,600	47.9	206.7	9,700	53.7	210.5	12,900	230
	240	42.0	199.2	7,000	44.9	194.9	8,000	50.8	199.5	10,900	240
	250	38.9	186.2	5,600	41.7	181.6	6,500	47.7	187.3	9,100	250
	260	35.5	171.7	4,300	38.3	166.7	5,000				260

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360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	70	80.8	313.2	41,000*							70
	75	79.9	312.1	40,300*							75
	80	78.9	311.0	39,700*							80
	85	78.0	309.7	39,100*							85
	90	77.0	308.4	38,500*	80.3	305.5	34,300*				90
	95	76.1	306.9	37,900*	79.4	304.1	33,800*				95
	100	75.1	305.4	37,300*	78.4	302.5	33,300*				100
	105	74.2	303.8	36,800*	77.4	300.9	32,800*	81.0	295.3	27,000*	105
	110	73.2	302.1	36,300*	76.4	299.2	32,300*	80.0	293.5	26,600*	110
	115	72.2	300.3	35,700*	75.5	297.3	31,800*	79.0	291.7	26,300*	115
	120	71.2	298.4	35,200*	74.5	295.4	31,300*	78.0	289.7	25,700*	120
	125	70.2	296.4	34,700*	73.5	293.4	30,900*	77.0	287.7	25,200*	125
	130	69.2	294.3	34,200*	72.5	291.3	30,400*	75.9	285.5	24,600*	130
	140	67.2	289.7	32,900	70.4	286.7	29,500*	73.8	280.9	23,700*	140
	150	65.2	284.8	28,600	68.3	281.7	28,700*	71.7	275.8	22,800*	150
	160	63.1	279.4	24,800	66.2	276.2	27,100	69.6	270.3	22,000*	160
	170	61.0	273.4	21,500	64.1	270.2	23,600	67.4	264.2	21,200*	170
	180	58.8	267.0	18,600	61.9	263.7	20,600	65.1	257.6	20,500*	180
	190	56.5	260.0	16,000	59.6	256.6	17,800	62.8	250.4	19,700	190
	200	54.2	252.4	13,700	57.2	248.9	15,400	60.4	242.5	17,100	200
	210	51.8	244.2	11,700	54.8	240.5	13,100	57.9	233.9	14,700	210
	220	49.4	235.2	9,800	52.3	231.4	11,100	55.3	224.6	12,500	220
	230	46.8	225.4	8,100	49.7	221.4	9,300	52.6	214.3	10,500	230
	240	44.1	214.6	6,500	46.9	210.4	7,600	49.7	203.0	8,700	240
	250	41.2	202.7	5,000	44.0	198.2	6,000	46.7	190.4	7,000	250
	260				40.9	184.7	4,500				260
220	75	80.2	322.4	40,500*							75
	80	79.3	321.2	39,900*							80
	85	78.4	320.0	39,300*							85
	90	77.5	318.7	38,700*	80.7	315.8	34,500*				90
	95	76.5	317.3	38,200*	79.7	314.4	34,000*				95
	100	75.6	315.9	37,600*	78.8	312.9	33,500*				100
	105	74.7	314.3	37,100*	77.8	311.4	33,000*				105
	110	73.7	312.6	36,600*	76.9	309.7	32,500*	80.3	304.0	26,800*	110
	115	72.8	310.9	36,100*	75.9	307.9	32,100*	79.4	302.2	26,400*	115
	120	71.8	309.1	35,500*	75.0	306.1	31,600*	78.4	300.3	25,900*	120
	125	70.9	307.1	35,000*	74.0	304.1	31,100*	77.4	298.3	25,400*	125
	130	69.9	305.1	34,600*	73.0	302.1	30,700*	76.4	296.3	24,900*	130
	140	68.0	300.7	32,000	71.1	297.7	29,800*	74.4	291.8	23,900*	140
	150	66.0	296.0	27,700	69.1	292.9	29,000*	72.4	286.9	23,000*	150
	160	64.0	290.8	23,900	67.1	287.6	26,400	70.3	281.6	22,200*	160
	170	62.0	285.1	20,600	65.0	281.9	22,900	68.2	275.8	21,500*	170
	180	59.9	279.0	17,700	62.9	275.6	19,800	66.0	269.5	20,800*	180
	190	57.7	272.3	15,100	60.7	268.9	17,000	63.8	262.6	19,000	190
	200	55.5	265.1	12,800	58.5	261.6	14,500	61.5	255.1	16,400	200
	210	53.3	257.2	10,700	56.2	253.6	12,300	59.2	247.0	14,000	210
	220	50.9	248.7	8,800	53.8	245.0	10,300	56.7	238.2	11,800	220
	230	48.5	239.5	7,100	51.3	235.6	8,400	54.2	228.5	9,800	230
	240	46.0	229.4	5,600	48.8	225.3	6,700	51.5	218.0	8,000	240
	250	43.3	218.3	4,100	46.1	214.0	5,200	48.7	206.3	6,200	250
	260							45.7	193.5	4,700	260

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	75	80.5	332.6	40,700*							75
	80	79.6	331.5	40,100*							80
	85	78.7	330.3	39,600*							85
	90	77.8	329.1	39,000*	80.9	326.1	34,600*				90
	95	77.0	327.7	38,400*	80.0	324.8	34,100*				95
	100	76.1	326.3	37,900*	79.1	323.3	33,700*				100
	105	75.2	324.8	37,400*	78.2	321.8	33,200*				105
	110	74.2	323.2	36,900*	77.3	320.2	32,700*				110
	115	73.3	321.5	36,300*	76.4	318.5	32,300*	80.6	314.4	26,900*	115
	120	72.4	319.7	35,800*	75.5	316.7	31,800*	79.7	312.7	26,500*	120
	125	71.5	317.9	35,400*	74.5	314.8	31,400*	78.8	310.9	26,100*	125
	130	70.6	315.9	34,900*	73.6	312.8	30,900*	77.8	309.0	25,600*	130
	140	68.7	311.7	31,200	71.7	308.6	30,100*	76.9	307.0	25,100*	140
	150	66.8	307.1	26,900	69.8	303.9	29,300*	74.9	302.7	24,200*	150
	160	64.9	302.1	23,100	67.8	298.9	25,700	73.0	298.0	23,300*	160
	170	62.9	296.7	19,800	65.8	293.4	22,100	71.0	292.9	22,500*	170
	180	60.9	290.8	16,900	63.8	287.4	19,000	68.9	287.3	21,800*	180
	190	58.8	284.4	14,300	61.7	281.0	16,300	66.9	281.2	21,100*	190
	200	56.7	277.5	12,000	59.6	274.0	13,800	64.8	274.6	18,400	200
	210	54.6	270.0	9,900	57.4	266.4	11,600	62.6	267.5	15,700	210
	220	52.4	261.9	8,000	55.2	258.2	9,500	60.3	259.8	13,300	220
	230	50.1	253.2	6,300	52.8	249.3	7,700	58.0	251.4	11,100	230
	240	47.7	243.6	4,700	50.4	239.6	6,000	55.6	242.3	9,100	240
	250				47.9	229.1	4,400	53.1	232.4	7,300	250
	260							50.5	221.6	5,600	260
								47.8	209.7	4,000	260
240	75	80.8	342.8	40,900*							75
	80	79.9	341.7	40,400*							80
	85	79.1	340.6	39,800*							85
	90	78.2	339.4	39,200*							90
	95	77.3	338.1	38,700*	80.3	335.1	34,300*				95
	100	76.5	336.7	38,100*	79.5	333.7	33,900*				100
	105	75.6	335.2	37,600*	78.6	332.2	33,400*				105
	110	74.7	333.7	37,100*	77.7	330.7	32,900*				110
	115	73.8	332.1	36,600*	76.8	329.0	32,500*	80.9	324.8	27,000*	115
	120	73.0	330.3	36,100*	75.9	327.3	32,000*	80.0	323.1	26,600*	120
	125	72.1	328.5	35,700*	75.0	325.5	31,600*	79.1	321.4	26,300*	125
	130	71.2	326.6	35,200*	74.1	323.6	31,200*	78.2	319.5	25,800*	130
	140	69.4	322.6	30,300	72.3	319.5	30,300*	77.3	317.6	25,300*	140
	150	67.5	318.1	26,000	70.4	315.0	28,900	75.4	313.5	24,400*	150
	160	65.7	313.3	22,200	68.6	310.1	24,900	73.5	308.9	23,500*	160
	170	63.8	308.1	18,900	66.6	304.8	21,400	71.6	304.0	22,700*	170
	180	61.8	302.4	16,000	64.7	299.1	18,200	69.7	298.6	22,000*	180
	190	59.9	296.3	13,400	62.7	292.9	15,500	67.7	292.8	20,700	190
	200	57.9	289.7	11,000	60.7	286.2	13,000	65.6	286.5	17,700	200
	210	55.8	282.5	9,000	58.6	278.9	10,700	63.6	279.7	15,000	210
	220	53.7	274.8	7,100	56.4	271.1	8,700	61.4	272.4	12,600	220
	230	51.5	266.5	5,300	54.2	262.7	6,800	59.2	264.4	10,400	230
	240				51.9	253.6	5,100	56.9	255.8	8,400	240
	250							54.6	246.4	6,500	250
								52.1	236.3	4,800	260

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	80	80.2	352.0	40,600*							80
	85	79.4	350.9	40,000*							85
	90	78.6	349.7	39,400*							90
	95	77.7	348.4	38,900*	80.6	345.4	34,400*				95
	100	76.9	347.1	38,400*	79.8	344.0	34,000*				100
	105	76.0	345.6	37,900*	78.9	342.6	33,600*				105
	110	75.2	344.2	37,400*	78.1	341.1	33,100*				110
	115	74.3	342.6	36,900*	77.2	339.5	32,700*	80.3	333.6	26,800*	115
	120	73.5	340.9	36,400*	76.3	337.8	32,200*	79.5	331.9	26,400*	120
	125	72.6	339.2	36,000*	75.5	336.1	31,800*	78.6	330.1	26,000*	125
	130	71.7	337.3	35,500*	74.6	334.2	31,400*	77.7	328.2	25,600*	130
	140	70.0	333.4	30,800	72.8	330.3	30,600*	75.9	324.2	24,600*	140
	150	68.2	329.1	26,400	71.0	325.9	29,300	74.1	319.8	23,800*	150
	160	66.4	324.5	22,600	69.2	321.2	25,300	72.2	315.1	23,000*	160
	170	64.6	319.4	19,300	67.4	316.1	21,800	70.3	309.9	22,300*	170
	180	62.7	314.0	16,400	65.5	310.6	18,700	68.4	304.3	21,100	180
	190	60.8	308.1	13,800	63.6	304.6	15,900	66.5	298.3	18,100	190
	200	58.9	301.7	11,500	61.6	298.2	13,400	64.5	291.7	15,500	200
	210	56.9	294.9	9,400	59.6	291.3	11,200	62.4	284.7	13,100	210
	220	54.9	287.5	7,500	57.6	283.8	9,200	60.3	277.1	10,900	220
	230	52.8	279.6	5,800	55.5	275.8	7,300	58.2	268.9	8,900	230
	240	50.7	271.0	4,200	53.3	267.1	5,600	55.9	260.0	7,100	240
	250				51.1	257.8	4,100	53.6	250.4	5,400	250

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
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REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	60	80.9	254.2	32,800*							60
	65	79.7	253.1	32,100*							65
	70	78.6	251.8	31,200*							70
	75	77.4	250.5	30,400*							75
	80	76.2	249.0	29,600*							80
	85	75.0	247.4	28,800*	80.2	245.5	23,900*				85
	90	73.8	245.7	28,100*	79.0	243.8	23,200*				90
	95	72.6	243.9	27,300*	77.8	242.0	22,600*				95
	100	71.4	242.0	26,600*	76.6	240.1	22,100*				100
	105	70.1	239.9	25,800*	75.3	238.0	21,500*	80.4	232.6	18,700*	105
	110	68.9	237.7	25,100*	74.1	235.9	20,900*	79.1	230.4	18,200*	110
	115	67.7	235.4	24,400*	72.8	233.5	20,400*	77.8	228.0	17,800*	115
	120	66.4	233.0	23,700*	71.5	231.1	19,900*	76.5	225.5	17,400*	120
	125	65.1	230.4	23,100*	70.2	228.5	19,400*	75.2	222.9	17,000*	125
	130	63.8	227.6	22,500*	68.9	225.8	18,900*	73.9	220.1	16,600*	130
	140	61.2	221.7	21,200*	66.3	219.8	17,900*	71.1	214.0	15,900*	140
	150	58.4	215.1	20,100*	63.5	213.3	17,100*	68.3	207.2	15,200*	150
	160	55.6	207.8	19,000*	60.7	205.9	16,300*	65.4	199.7	14,500*	160
	170	52.7	199.7	18,100*	57.7	197.8	15,500*	62.3	191.3	14,000*	170
	180	49.6	190.7	17,100*	54.6	188.8	14,800*	59.1	181.9	13,500*	180
	190	46.4	180.7	16,300*	51.4	178.7	14,200*	55.7	171.4	13,000*	190
	200	43.0	169.4	15,500*	47.9	167.4	13,600*	52.1	159.5	12,600*	200
	210	39.3	156.6	14,700*	44.1	154.5	13,100*	48.1	145.9	12,200*	210
	220	35.2	141.8	14,100*	40.0	139.5	12,600*	43.7	129.9	12,000*	220
	230	30.7	124.4	13,500*	35.4	121.8	12,200*				230
140	65	80.1	263.3	32,400*							65
	70	79.0	262.2	31,600*							70
	75	77.9	260.9	30,800*							75
	80	76.7	259.4	30,000*							80
	85	75.6	257.9	29,200*	80.6	255.9	24,100*				85
	90	74.4	256.3	28,500*	79.4	254.3	23,500*				90
	95	73.3	254.6	27,700*	78.3	252.5	22,900*				95
	100	72.1	252.7	27,000*	77.1	250.7	22,300*				100
	105	70.9	250.7	26,300*	75.9	248.7	21,800*	80.8	243.2	18,800*	105
	110	69.8	248.7	25,600*	74.7	246.7	21,200*	79.6	241.1	18,400*	110
	115	68.6	246.4	24,900*	73.5	244.5	20,700*	78.4	238.8	18,000*	115
	120	67.4	244.1	24,300*	72.3	242.1	20,200*	77.1	236.4	17,600*	120
	125	66.1	241.6	23,600*	71.1	239.7	19,700*	75.9	233.9	17,200*	125
	130	64.9	239.0	23,000*	69.8	237.1	19,200*	74.6	231.2	16,800*	130
	140	62.4	233.4	21,800*	67.3	231.4	18,300*	72.0	225.4	16,100*	140
	150	59.8	227.2	20,700*	64.7	225.2	17,400*	69.3	219.0	15,400*	150
	160	57.2	220.3	19,600*	62.0	218.3	16,700*	66.6	211.9	14,800*	160
	170	54.4	212.7	18,600*	59.2	210.7	15,900*	63.7	204.1	14,200*	170
	180	51.6	204.3	17,700*	56.3	202.3	15,200*	60.7	195.3	13,700*	180
	190	48.6	195.0	16,800*	53.3	192.9	14,600*	57.6	185.6	13,200*	190
	200	45.4	184.6	16,000*	50.1	182.5	14,000*	54.2	174.7	12,800*	200
	210	42.1	173.0	15,300*	46.7	170.8	13,400*	50.7	162.5	12,400*	210
	220	38.4	159.8	14,600*	43.1	157.5	13,000*	46.8	148.4	12,100*	220
	230	34.5	144.6	13,900*	39.0	142.2	12,500*				230
	240	30.0	126.8	12,600	34.5	124.0	12,200*				240

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	65	80.5	273.6	32,600*							65
	70	79.4	272.4	31,900*							70
	75	78.3	271.2	31,100*							75
	80	77.2	269.8	30,400*							80
	85	76.1	268.4	29,600*							85
	90	75.0	266.8	28,900*	79.9	264.7	23,700*				90
	95	73.9	265.1	28,200*	78.7	263.0	23,100*				95
	100	72.8	263.4	27,400*	77.6	261.3	22,600*				100
	105	71.7	261.5	26,800*	76.5	259.4	22,000*				105
	110	70.6	259.5	26,100*	75.3	257.4	21,500*	80.0	251.7	18,500*	110
	115	69.4	257.4	25,400*	74.2	255.3	21,000*	78.8	249.5	18,100*	115
	120	68.3	255.1	24,800*	73.0	253.1	20,500*	77.7	247.2	17,700*	120
	125	67.1	252.8	24,100*	71.8	250.7	20,000*	76.5	244.8	17,400*	125
	130	65.9	250.3	23,500*	70.6	248.2	19,500*	75.2	242.3	17,000*	130
	140	63.5	244.9	22,300*	68.2	242.9	18,600*	72.8	236.8	16,300*	140
	150	61.1	239.0	21,200*	65.8	236.9	17,800*	70.2	230.7	15,600*	150
	160	58.6	232.5	20,200*	63.2	230.4	17,000*	67.6	224.0	15,000*	160
	170	56.0	225.3	19,200*	60.6	223.2	16,300*	64.9	216.6	14,500*	170
	180	53.3	217.4	18,200*	57.9	215.3	15,600*	62.1	208.4	13,900*	180
	190	50.5	208.7	17,400*	55.1	206.6	14,900*	59.2	199.3	13,500*	190
	200	47.6	199.1	16,600*	52.1	196.9	14,300*	56.1	189.3	13,000*	200
	210	44.5	188.4	15,800*	49.0	186.2	13,800*	52.9	178.0	12,700*	210
	220	41.2	176.4	15,100*	45.7	174.1	13,300*	49.4	165.4	12,300*	220
	230	37.7	162.9	13,400	42.1	160.5	12,800*	45.5	150.9	12,100*	230
	240	33.8	147.4	11,800	38.1	144.7	12,500*				240
	250	29.4	129.1	10,300	33.6	126.1	11,100				250
160	65	80.8	283.8	32,800*							65
	70	79.8	282.7	32,100*							70
	75	78.8	281.5	31,400*							75
	80	77.7	280.2	30,700*							80
	85	76.7	278.8	30,000*							85
	90	75.6	277.3	29,200*	80.2	275.1	23,900*				90
	95	74.5	275.7	28,600*	79.2	273.5	23,300*				95
	100	73.5	274.0	27,900*	78.1	271.8	22,800*				100
	105	72.4	272.2	27,200*	77.0	270.0	22,300*				105
	110	71.3	270.3	26,500*	75.9	268.1	21,800*	80.4	262.2	18,700*	110
	115	70.2	268.2	25,900*	74.8	266.1	21,300*	79.3	260.2	18,300*	115
	120	69.1	266.1	25,200*	73.7	263.9	20,800*	78.1	258.0	17,900*	120
	125	68.0	263.8	24,600*	72.5	261.7	20,300*	77.0	255.7	17,500*	125
	130	66.8	261.4	24,000*	71.4	259.3	19,800*	75.8	253.2	17,200*	130
	140	64.6	256.3	22,800*	69.1	254.2	18,900*	73.5	248.0	16,500*	140
	150	62.2	250.7	21,700*	66.7	248.5	18,100*	71.1	242.2	15,800*	150
	160	59.8	244.5	20,700*	64.3	242.3	17,300*	68.6	235.8	15,200*	160
	170	57.4	237.7	19,700*	61.9	235.5	16,600*	66.0	228.8	14,700*	170
	180	54.8	230.2	18,800*	59.3	228.0	15,900*	63.4	221.1	14,200*	180
	190	52.2	222.0	17,900*	56.6	219.8	15,300*	60.6	212.6	13,700*	190
	200	49.5	213.1	17,100*	53.9	210.8	14,700*	57.8	203.2	13,300*	200
	210	46.6	203.1	16,000	51.0	200.8	14,100*	54.8	192.8	12,900*	210
	220	43.6	192.1	14,100	47.9	189.8	13,600*	51.6	181.3	12,500*	220
	230	40.4	179.9	12,400	44.7	177.4	13,200*	48.1	168.2	12,200*	230
	240	36.9	166.0	10,800	41.1	163.4	11,800	44.4	153.3	12,000*	240
	250	33.1	150.1	9,400	37.2	147.3	10,300				250
	260	28.8	131.4	8,100	32.8	128.2	8,800				260

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
170	70	80.2	292.9	32,400*							70
	75	79.2	291.8	31,700*							75
	80	78.1	290.5	31,000*							80
	85	77.1	289.2	30,300*							85
	90	76.1	287.7	29,600*	80.6	285.5	24,100*				90
	95	75.1	286.2	28,900*	79.5	283.9	23,500*				95
	100	74.0	284.5	28,200*	78.5	282.3	23,000*				100
	105	73.0	282.8	27,600*	77.5	280.6	22,500*				105
	110	72.0	281.0	26,900*	76.4	278.7	22,000*	80.8	272.7	18,800*	110
	115	70.9	279.0	26,300*	75.3	276.8	21,500*	79.7	270.8	18,400*	115
	120	69.8	277.0	25,700*	74.3	274.7	21,000*	78.6	268.7	18,000*	120
	125	68.8	274.8	25,100*	73.2	272.6	20,600*	77.5	266.4	17,700*	125
	130	67.7	272.5	24,500*	72.1	270.3	20,100*	76.4	264.1	17,300*	130
	140	65.5	267.6	23,300*	69.9	265.4	19,200*	74.1	259.1	16,700*	140
	150	63.3	262.2	22,200*	67.7	260.0	18,400*	71.8	253.6	16,000*	150
	160	61.0	256.3	21,200*	65.4	254.1	17,700*	69.5	247.5	15,400*	160
	170	58.7	249.8	20,200*	63.0	247.6	16,900*	67.0	240.8	14,900*	170
	180	56.3	242.8	19,300*	60.6	240.5	16,300*	64.5	233.5	14,400*	180
	190	53.8	235.0	18,400*	58.1	232.8	15,600*	61.9	225.5	13,900*	190
	200	51.2	226.6	17,500*	55.5	224.3	15,000*	59.3	216.7	13,500*	200
	210	48.5	217.3	15,400*	52.8	214.9	14,500*	56.4	207.0	13,100*	210
	220	45.7	207.1	13,600*	49.9	204.7	13,900*	53.5	196.3	12,700*	220
	230	42.8	195.8	11,900*	46.9	193.3	13,100*	50.3	184.4	12,400*	230
	240	39.6	183.2	10,300*	43.7	180.6	11,400*	47.0	171.0	12,200*	240
	250	36.2	169.0	8,900*	40.3	166.2	9,800*				250
	260	32.5	152.8	7,500*	36.4	149.7	8,400*				260
	270	28.2	133.6	6,300*	32.1	130.3	7,000*				270
180	70	80.5	303.2	32,600*							70
	75	79.5	302.0	32,000*							75
	80	78.5	300.8	31,300*							80
	85	77.6	299.5	30,600*							85
	90	76.6	298.1	29,900*	80.9	295.8	24,300*				90
	95	75.6	296.7	29,300*	79.9	294.3	23,700*				95
	100	74.6	295.1	28,600*	78.9	292.7	23,200*				100
	105	73.6	293.4	28,000*	77.9	291.1	22,700*				105
	110	72.6	291.6	27,300*	76.9	289.3	22,200*				110
	115	71.6	289.7	26,700*	75.9	287.4	21,700*	80.1	281.3	18,600*	115
	120	70.6	287.8	26,100*	74.8	285.5	21,300*	79.0	279.3	18,200*	120
	125	69.5	285.7	25,500*	73.8	283.4	20,800*	78.0	277.2	17,800*	125
	130	68.5	283.5	24,900*	72.8	281.2	20,400*	76.9	274.9	17,500*	130
	140	66.4	278.8	23,800*	70.6	276.5	19,500*	74.7	270.1	16,800*	140
	150	64.3	273.6	22,700*	68.5	271.3	18,700*	72.5	264.8	16,200*	150
	160	62.1	268.0	21,700*	66.3	265.7	18,000*	70.3	259.0	15,600*	160
	170	59.8	261.8	20,700*	64.0	259.5	17,200*	67.9	252.7	15,100*	170
	180	57.6	255.1	19,800*	61.7	252.8	16,600*	65.6	245.7	14,600*	180
	190	55.2	247.8	18,800*	59.3	245.4	15,900*	63.1	238.1	14,100*	190
	200	52.8	239.8	16,500*	56.9	237.4	15,300*	60.6	229.9	13,700*	200
	210	50.3	231.0	14,500*	54.3	228.6	14,800*	58.0	220.8	13,300*	210
	220	47.6	221.5	12,600*	51.7	219.0	14,100*	55.2	210.8	12,900*	220
	230	44.9	211.0	10,900*	48.9	208.4	12,300*	52.3	199.8	12,600*	230
	240	42.0	199.4	9,400*	46.0	196.8	10,600*	49.2	187.5	11,600*	240
	250	38.9	186.5	7,900*	42.8	183.7	9,000*	45.9	173.8	9,900*	250
	260	35.5	172.0	6,600*	39.4	169.0	7,600*				260
	270	31.9	155.4	5,400*	35.7	152.2	6,200*				270
	280	27.7	135.9	4,200*							280

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	70	80.8	313.4	32,800*							70
	75	79.9	312.3	32,200*							75
	80	78.9	311.1	31,500*							80
	85	78.0	309.9	30,900*							85
	90	77.0	308.5	30,200*							90
	95	76.1	307.1	29,600*	80.2	304.7	23,900*				95
	100	75.1	305.6	28,900*	79.3	303.2	23,400*				100
	105	74.1	303.9	28,300*	78.3	301.6	22,900*				105
	110	73.2	302.2	27,700*	77.3	299.9	22,400*				110
	115	72.2	300.4	27,100*	76.3	298.1	22,000*	80.4	291.8	18,700*	115
	120	71.2	298.5	26,500*	75.4	296.2	21,500*	79.4	289.9	18,300*	120
	125	70.2	296.5	25,900*	74.4	294.2	21,100*	78.4	287.8	18,000*	125
	130	69.2	294.4	25,300*	73.4	292.1	20,600*	77.4	285.7	17,600*	130
	140	67.2	289.9	24,200*	71.3	287.5	19,800*	75.3	281.0	17,000*	140
	150	65.2	284.9	23,100*	69.2	282.6	19,000*	73.2	276.0	16,400*	150
	160	63.1	279.5	22,100*	67.1	277.2	18,200*	71.0	270.4	15,800*	160
	170	60.9	273.6	21,200*	65.0	271.2	17,500*	68.8	264.3	15,300*	170
	180	58.8	267.2	20,200*	62.8	264.8	16,900*	66.5	257.7	14,800*	180
	190	56.5	260.2	18,000	60.5	257.8	16,300*	64.2	250.5	14,300*	190
	200	54.2	252.6	15,700	58.2	250.2	15,700*	61.8	242.7	13,900*	200
	210	51.8	244.4	13,600	55.8	241.9	15,100*	59.3	234.1	13,500*	210
	220	49.4	235.4	11,800	53.3	232.9	13,400	56.7	224.8	13,100*	220
	230	46.8	225.6	10,100	50.7	223.0	11,500	54.0	214.5	12,800*	230
	240	44.1	214.8	8,500	48.0	212.1	9,800	51.2	203.2	11,000	240
	250	41.2	202.9	7,100	45.1	200.2	8,300	48.1	190.6	9,300	250
	260	38.2	189.7	5,700	42.0	186.8	6,800	44.9	176.5	7,700	260
	270	34.9	174.9	4,500	38.6	171.8	5,500				270
	280				34.9	154.6	4,200				280
200	75	80.2	322.5	32,400*							75
	80	79.3	321.4	31,800*							80
	85	78.4	320.2	31,100*							85
	90	77.4	318.9	30,500*							90
	95	76.5	317.5	29,900*	80.6	315.0	24,100*				95
	100	75.6	316.0	29,300*	79.6	313.6	23,600*				100
	105	74.7	314.5	28,600*	78.7	312.0	23,100*				105
	110	73.7	312.8	28,000*	77.7	310.4	22,600*				110
	115	72.8	311.1	27,400*	76.8	308.6	22,200*	80.7	302.3	18,800*	115
	120	71.8	309.2	26,800*	75.8	306.8	21,700*	79.8	300.4	18,400*	120
	125	70.9	307.3	26,300*	74.9	304.9	21,300*	78.8	298.4	18,100*	125
	130	69.9	305.3	25,700*	73.9	302.8	20,900*	77.8	296.4	17,800*	130
	140	68.0	300.9	24,600*	72.0	298.5	20,000*	75.8	291.9	17,200*	140
	150	66.0	296.1	23,600*	70.0	293.7	19,300*	73.8	287.0	16,600*	150
	160	64.0	290.9	22,600*	67.9	288.5	18,500*	71.7	281.7	16,000*	160
	170	61.9	285.3	21,600*	65.9	282.9	17,800*	69.6	275.9	15,500*	170
	180	59.9	279.1	19,600	63.8	276.7	17,200*	67.4	269.6	15,000*	180
	190	57.7	272.5	17,100	61.6	270.0	16,600*	65.2	262.7	14,500*	190
	200	55.5	265.2	14,800	59.4	262.8	16,000*	62.9	255.2	14,100*	200
	210	53.3	257.4	12,700	57.1	254.9	14,600	60.5	247.1	13,700*	210
	220	50.9	248.9	10,800	54.7	246.3	12,600	58.1	238.3	13,300*	220
	230	48.5	239.7	9,100	52.3	237.0	10,700	55.6	228.7	12,100	230
	240	46.0	229.6	7,600	49.7	226.9	9,000	52.9	218.1	10,300	240
	250	43.3	218.5	6,100	47.1	215.8	7,400	50.1	206.5	8,500	250
	260	40.5	206.4	4,800	44.2	203.5	6,000	47.1	193.6	6,900	260
	270				41.2	189.9	4,600	43.9	179.2	5,400	270

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NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

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360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	75	80.5	332.7	32,600*							75
	80	79.6	331.6	32,000*							80
	85	78.7	330.5	31,400*							85
	90	77.8	329.2	30,800*							90
	95	76.9	327.9	30,200*	80.9	325.4	24,200*				95
	100	76.0	326.4	29,600*	80.0	323.9	23,800*				100
	105	75.1	324.9	29,000*	79.0	322.4	23,300*				105
	110	74.2	323.3	28,400*	78.1	320.8	22,800*				110
	115	73.3	321.7	27,800*	77.2	319.2	22,400*				115
	120	72.4	319.9	27,200*	76.3	317.4	21,900*	80.1	310.9	18,600*	120
	125	71.5	318.0	26,600*	75.4	315.5	21,500*	79.2	309.0	18,200*	125
	130	70.5	316.1	26,100*	74.4	313.6	21,100*	78.2	307.0	17,900*	130
	140	68.7	311.9	25,000*	72.5	309.4	20,300*	76.3	302.7	17,300*	140
	150	66.8	307.3	24,000*	70.6	304.8	19,500*	74.3	298.0	16,700*	150
	160	64.8	302.3	23,000*	68.7	299.8	18,800*	72.3	292.9	16,200*	160
	170	62.9	296.8	22,000*	66.7	294.3	18,100*	70.3	287.3	15,600*	170
	180	60.9	290.9	19,100	64.7	288.4	17,400*	68.2	281.3	15,200*	180
	190	58.8	284.5	16,500	62.6	282.0	16,800*	66.1	274.7	14,700*	190
	200	56.7	277.6	14,200	60.5	275.1	16,200*	63.9	267.6	14,300*	200
	210	54.6	270.2	12,100	58.3	267.6	14,100	61.7	259.9	13,900*	210
	220	52.4	262.1	10,200	56.1	259.5	12,100	59.4	251.5	13,500*	220
	230	50.1	253.3	8,500	53.8	250.7	10,200	57.0	242.4	11,700	230
	240	47.7	243.9	7,000	51.3	241.2	8,500	54.5	232.5	9,900	240
	250	45.2	233.5	5,500	48.8	230.7	7,000	51.9	221.7	8,100	250
	260	42.6	222.2	4,200	46.2	219.3	5,500	49.1	209.8	6,600	260
	270				43.4	206.8	4,200	46.2	196.6	5,100	270
220	75	80.8	342.9	32,800*							75
	80	79.9	341.9	32,300*							80
	85	79.1	340.7	31,600*							85
	90	78.2	339.5	31,000*							90
	95	77.3	338.2	30,400*							95
	100	76.5	336.8	29,900*	80.3	334.3	23,900*				100
	105	75.6	335.4	29,300*	79.4	332.8	23,500*				105
	110	74.7	333.8	28,700*	78.5	331.3	23,000*				110
	115	73.8	332.2	28,100*	77.6	329.7	22,600*				115
	120	72.9	330.5	27,600*	76.7	327.9	22,100*	80.4	321.4	18,700*	120
	125	72.0	328.7	27,000*	75.8	326.1	21,700*	79.5	319.5	18,400*	125
	130	71.1	326.8	26,400*	74.9	324.3	21,300*	78.6	317.6	18,000*	130
	140	69.3	322.7	25,400*	73.1	320.2	20,500*	76.7	313.5	17,400*	140
	150	67.5	318.3	24,400*	71.2	315.8	19,800*	74.8	308.9	16,900*	150
	160	65.6	313.5	23,400*	69.4	310.9	19,000*	72.9	304.0	16,300*	160
	170	63.8	308.2	21,100	67.5	305.7	18,400*	71.0	298.7	15,800*	170
	180	61.8	302.6	18,200	65.5	300.0	17,700*	69.0	292.8	15,300*	180
	190	59.9	296.5	15,600	63.5	293.9	17,100*	66.9	286.5	14,900*	190
	200	57.9	289.8	13,300	61.5	287.3	15,600	64.8	279.7	14,400*	200
	210	55.8	282.7	11,200	59.4	280.1	13,300	62.7	272.4	14,100*	210
	220	53.7	275.0	9,300	57.3	272.4	11,300	60.5	264.4	13,000	220
	230	51.5	266.7	7,600	55.1	264.0	9,400	58.2	255.8	11,000	230
	240	49.2	257.7	6,100	52.8	255.0	7,700	55.9	246.4	9,200	240
	250	46.9	248.0	4,600	50.4	245.2	6,100	53.4	236.3	7,400	250
	260				48.0	234.5	4,700	50.9	225.2	5,800	260
	270							48.1	213.0	4,400	270

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH HEAVY LIFT TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	80	80.2	352.1	32,500*							80
	85	79.4	351.0	31,900*							85
	90	78.5	349.8	31,300*							90
	95	77.7	348.6	30,700*							95
	100	76.9	347.2	30,100*	80.6	344.6	24,100*				100
	105	76.0	345.8	29,500*	79.7	343.2	23,600*				105
	110	75.2	344.3	29,000*	78.8	341.7	23,200*				110
	115	74.3	342.7	28,400*	78.0	340.1	22,800*				115
	120	73.4	341.1	27,900*	77.1	338.5	22,300*	80.7	331.8	18,800*	120
	125	72.6	339.3	27,300*	76.2	336.7	21,900*	79.8	330.1	18,500*	125
	130	71.7	337.5	26,800*	75.4	334.9	21,500*	78.9	328.2	18,200*	130
	140	70.0	333.6	25,800*	73.6	331.0	20,700*	77.1	324.2	17,600*	140
	150	68.2	329.3	24,700*	71.8	326.7	20,000*	75.3	319.8	17,000*	150
	160	66.4	324.6	23,500	70.0	322.0	19,300*	73.5	315.0	16,500*	160
	170	64.6	319.6	20,200	68.2	317.0	18,600*	71.6	309.9	16,000*	170
	180	62.7	314.1	17,300	66.3	311.5	18,000*	69.7	304.3	15,500*	180
	190	60.8	308.2	14,700	64.4	305.6	17,300	67.7	298.2	15,000*	190
	200	58.9	301.9	12,400	62.5	299.3	14,800	65.7	291.7	14,600*	200
	210	56.9	295.1	10,400	60.5	292.4	12,600	63.7	284.7	14,200*	210
	220	54.9	287.7	8,500	58.4	285.0	10,500	61.6	277.1	12,400	220
240	230	52.8	279.8	6,800	56.3	277.1	8,700	59.4	268.9	10,400	230
	240	50.7	271.2	5,200	54.2	268.5	7,000	57.2	260.0	8,500	240
	250				51.9	259.2	5,400	54.9	250.4	6,800	250
	260							52.4	240.0	5,200	260
	80	80.5	362.3	32,600*							80
	85	79.7	361.2	32,100*							85
	90	78.9	360.1	31,500*							90
	95	78.0	358.9	30,900*							95
	100	77.2	357.6	30,400*	80.8	354.9	24,200*				100
	105	76.4	356.2	29,800*	80.0	353.5	23,800*				105
	110	75.6	354.7	29,300*	79.2	352.1	23,300*				110
	115	74.7	353.2	28,700*	78.3	350.6	22,900*				115
250	120	73.9	351.6	28,200*	77.5	349.0	22,500*				120
	125	73.1	349.9	27,700*	76.6	347.3	22,100*	80.1	340.5	18,600*	125
	130	72.2	348.1	27,100*	75.8	345.5	21,700*	79.3	338.7	18,300*	130
	140	70.5	344.3	26,100*	74.1	341.7	21,000*	77.5	334.8	17,700*	140
	150	68.8	340.2	25,100*	72.4	337.6	20,200*	75.8	330.6	17,100*	150
	160	67.1	335.7	22,600	70.6	333.1	19,500*	74.0	326.0	16,600*	160
	170	65.3	330.8	19,300	68.8	328.2	18,900*	72.2	321.0	16,100*	170
	180	63.5	325.6	16,400	67.0	322.9	18,200*	70.3	315.6	15,700*	180
	190	61.7	319.9	13,800	65.2	317.2	16,600	68.4	309.8	15,200*	190
	200	59.9	313.8	11,500	63.3	311.1	14,000	66.5	303.5	14,800*	200
	210	58.0	307.2	9,400	61.4	304.5	11,800	64.5	296.8	13,900	210
	220	56.0	300.2	7,600	59.5	297.5	9,700	62.5	289.5	11,700	220
260	230	54.1	292.6	5,800	57.5	289.8	7,900	60.5	281.7	9,700	230
	240	52.0	284.4	4,300	55.4	281.7	6,100	58.4	273.3	7,800	240
	250				53.3	272.9	4,600	56.2	264.2	6,100	250
	260							53.9	254.3	4,500	260

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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	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	80	80.7	372.5	32,800*							80
	85	80.0	371.5	32,300*							85
	90	79.2	370.4	31,700*							90
	95	78.4	369.2	31,200*							95
	100	77.6	367.9	30,600*							100
	105	76.8	366.6	30,100*	80.3	363.9	23,900*				105
	110	76.0	365.2	29,500*	79.5	362.5	23,500*				110
	115	75.2	363.7	29,000*	78.7	361.0	23,100*				115
	120	74.4	362.1	28,500*	77.8	359.4	22,700*				120
	125	73.6	360.5	28,000*	77.0	357.8	22,300*	80.4	351.0	18,700*	125
	130	72.7	358.7	27,400*	76.2	356.1	21,900*	79.6	349.2	18,400*	130
	140	71.1	355.1	26,400*	74.6	352.4	21,200*	77.9	345.5	17,800*	140
	150	69.4	351.1	25,500*	72.9	348.4	20,400*	76.2	341.4	17,300*	150
	160	67.8	346.7	23,000	71.2	344.0	19,700*	74.5	336.9	16,800*	160
	170	66.1	342.0	19,700	69.5	339.3	19,100*	72.7	332.1	16,300*	170
	180	64.3	336.9	16,800	67.7	334.2	18,500*	70.9	326.9	15,800*	180
	190	62.6	331.4	14,200	66.0	328.7	16,900	69.1	321.3	15,400*	190
	200	60.8	325.5	11,900	64.2	322.8	14,400	67.3	315.2	15,000*	200
	210	59.0	319.2	9,800	62.3	316.5	12,200	65.4	308.8	14,300	210
	220	57.1	312.5	8,000	60.4	309.7	10,100	63.4	301.8	12,100	220
	230	55.2	305.2	6,200	58.5	302.4	8,300	61.5	294.3	10,100	230
	240	53.2	297.4	4,700	56.5	294.6	6,500	59.4	286.2	8,200	240
	250				54.5	286.2	5,000	57.3	277.6	6,500	250
	260							55.2	268.2	4,900	260