

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. COUNTERWEIGHT
360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7579-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. 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 THE LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM THE LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND 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, AND WIRE ROPE SPECIFICATION CHART NO. 7581-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON THE CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 70 DEGREE BOOM ANGLE WHEN WIND EXCEEDS THOSE SHOWN IN TABLE TO PREVENT JIB BEING BLOWN OVER BACKWARDS. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 50 MPH.

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

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

MACHINE EQUIPPED WITH 30'9" CRAWLERS, 48" TREADS, 28' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS, AND 167,000 LB. COUNTERWEIGHT.

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

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

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED					
OVER FRONT OF BLOCKED CRAWLERS		OVER REAR OF BLOCKED CRAWLERS		OVER SIDE OF CRAWLERS	
BOOM LGTH.	JIB NO. 132	BOOM LGTH.	JIB NO. 132	BOOM LGTH.	JIB NO. 132
(a) 300'	---	(a) 290'	---	260'	---
290'	---	280'	---	250'	---
280'	---	270'	---	240'	---
270'	---	260'	40'	230'	60'
260'	60'	250'	60'	220'	80'
250'	80'	240'	80'	210'	120'
240'	100'	230'	100'		
230'	120'	220'	120'		
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 300' BOOM AND CANNOT BE LIFTED OVER REAR OF BLOCKED CRAWLERS ON 290' BOOM.					

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JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	64,200	65.0	157.4	59,000*	67.2	154.7	46,100*	90
	95	60.7	155.7	59,300	63.0	154.5	57,800*	65.2	151.7	45,000*	95
	100	58.8	152.6	55,100	61.0	151.3	56,000	63.2	148.5	43,900*	100
	105	56.8	149.2	51,200	59.0	147.9	52,100	61.1	145.1	42,900*	105
	110	54.7	145.6	47,800	56.9	144.3	48,600	59.0	141.3	41,900*	110
	115	52.6	141.7	44,700	54.8	140.3	45,400	56.8	137.3	41,100*	115
140	120	50.4	137.4	41,900	52.6	136.1	42,500	54.6	132.9	40,300*	120
	130	45.8	127.9	36,900	48.0	126.5	37,500	49.8	123.1	38,000	130
	140	40.8	116.7	32,800	42.9	115.1	33,200	44.6	111.3	33,600	140
	150	35.2	103.1	29,200	37.2	101.2	29,500				150
	160	28.6	85.9	26,100							160
	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	68,900b	68.2	171.2	61,500*	70.4	168.6	48,300*	85
	90	64.3	169.9	63,400b	66.5	168.7	60,200*	68.6	166.0	47,100*	90
	95	62.5	167.2	58,600	64.7	166.0	58,900*	66.8	163.3	45,900*	95
150	100	60.7	164.3	54,300	62.9	163.1	55,300	64.9	160.3	44,800*	100
	105	58.8	161.2	50,500	61.0	160.0	51,400	63.0	157.1	43,800*	105
	110	57.0	157.9	47,000	59.1	156.6	47,900	61.1	153.7	42,800*	110
	115	55.0	154.3	43,900	57.1	153.0	44,700	59.1	150.0	42,000*	115
	120	53.0	150.5	41,100	55.1	149.1	41,900	57.0	146.1	41,100*	120
	130	48.9	141.9	36,200	50.9	140.5	36,800	52.7	137.2	37,400	130
	140	44.5	131.9	32,000	46.4	130.4	32,500	48.1	126.8	33,000	140
	150	39.6	120.2	28,400	41.5	118.5	28,800	43.0	114.5	29,200	150
	160	34.2	106.1	25,300	36.0	104.1	25,600				160
	170	27.7	88.3	22,600							170
	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	74,500b	71.1	184.4	64,100*	73.2	181.8	50,500*	80
	85	67.4	183.4	68,300b	69.5	182.2	62,600*	71.5	179.6	49,200*	85
	90	65.7	181.1	62,800b	67.8	179.9	61,200*	69.8	177.2	47,900*	90
	95	64.1	178.6	58,000b	66.1	177.4	59,100	68.1	174.6	46,800*	95
	100	62.4	175.9	53,700	64.4	174.7	54,800	66.4	171.9	45,700*	100
	105	60.7	173.0	49,800	62.7	171.7	50,800	64.6	168.9	44,600*	105
	110	58.9	169.9	46,400	60.9	168.6	47,300	62.8	165.8	43,700*	110
	115	57.1	166.6	43,300	59.1	165.3	44,200	61.0	162.4	42,800*	115
	120	55.3	163.0	40,500	57.3	161.7	41,300	59.1	158.7	42,000*	120
	130	51.5	155.2	35,500	53.5	153.8	36,200	55.2	150.6	36,800	130
	140	47.5	146.2	31,300	49.4	144.7	31,900	51.1	141.3	32,400	140
	150	43.2	135.8	27,800	45.1	134.2	28,300	46.6	130.5	28,700	150
	160	38.5	123.6	24,700	40.3	121.8	25,100				160
	170	33.2	108.9	21,900	34.9	106.9	22,200				170
	180	26.9	90.6	19,500							180

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
160	45	80.4	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	73,800b	72.1	195.2	65,000*	74.1	192.5	51,300*	80
	85	68.6	194.3	67,500b	70.6	193.1	63,600*	72.5	190.4	50,000*	85
	90	67.0	192.1	62,000b	69.0	190.9	62,200*	70.9	188.2	48,700*	90
	95	65.5	189.7	57,200b	67.4	188.5	58,500	69.3	185.8	47,600*	95
	100	63.9	187.2	52,900b	65.8	186.0	54,100	67.7	183.2	46,500*	100
	105	62.3	184.5	49,100	64.2	183.3	50,200	66.1	180.5	45,500*	105
	110	60.6	181.6	45,600	62.6	180.4	46,700	64.4	177.5	44,500*	110
	115	59.0	178.6	42,500	60.9	177.3	43,500	62.7	174.4	43,600*	115
	120	57.3	175.3	39,700	59.2	174.0	40,600	60.9	171.0	41,400	120
	130	53.8	168.0	34,800	55.6	166.7	35,500	57.3	163.6	36,200	130
	140	50.1	159.8	30,600	51.9	158.4	31,200	53.6	155.1	31,800	140
	150	46.2	150.4	27,000	48.0	148.8	27,500	49.5	145.3	28,000	150
	160	42.0	139.5	23,900	43.8	137.9	24,400	45.2	134.0	24,700	160
170	170	37.4	126.9	21,200	39.1	125.0	21,600				170
	180	32.3	111.7	18,800	33.9	109.6	19,100				180
	190	26.2	92.8	16,600							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	73,500b	73.0	205.8	65,900*	74.9	203.2	52,000*	80
	85	69.6	205.1	67,200b	71.5	203.9	64,500*	73.4	201.2	50,700*	85
	90	68.2	203.0	61,700b	70.1	201.8	63,100*	71.9	199.1	49,500*	90
	95	66.7	200.8	56,900b	68.6	199.6	58,200	70.4	196.9	48,300*	95
	100	65.2	198.4	52,600b	67.1	197.2	53,800	68.9	194.4	47,300*	100
	105	63.7	195.9	48,800b	65.6	194.7	49,900	67.3	191.8	46,300*	105
	110	62.2	193.2	45,300	64.0	191.9	46,400	65.8	189.1	45,300*	110
	115	60.6	190.3	42,200	62.4	189.0	43,200	64.2	186.1	44,100	115
	120	59.0	187.2	39,400	60.8	185.9	40,300	62.5	183.0	41,100	120
	130	55.8	180.5	34,400	57.6	179.1	35,200	59.2	176.1	36,000	130
	140	52.4	172.9	30,300	54.1	171.5	30,900	55.7	168.2	31,600	140
	150	48.8	164.2	26,700	50.5	162.8	27,300	52.0	159.4	27,800	150
	160	45.0	154.4	23,600	46.7	152.8	24,100	48.1	149.2	24,500	160
180	170	40.9	143.2	20,900	42.6	141.5	21,300	43.9	137.5	21,600	170
	180	36.5	130.1	18,500	38.1	128.2	18,800				180
	190	31.5	114.4	16,300	33.0	112.3	16,600				190
	200	25.6	95.0	14,400							200
	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	80,100b	75.2	218.2	68,300*b	77.0	215.5	54,000*	75
	80	72.0	217.6	72,800b	73.8	216.5	66,800*	75.6	213.8	52,700*	80
	85	70.6	215.8	66,500b	72.4	214.6	65,300*	74.2	211.9	51,400*	85
	90	69.2	213.8	61,000b	71.0	212.7	62,500	72.8	209.9	50,200*	90
	95	67.8	211.7	56,200b	69.6	210.5	57,600	71.4	207.8	49,100*	95
	100	66.4	209.5	51,900b	68.2	208.3	53,200	69.9	205.5	48,000*	100
	105	65.0	207.1	48,000b	66.8	205.9	49,200	68.5	203.1	47,000*	105
	110	63.5	204.6	44,600b	65.3	203.3	45,700	67.0	200.5	46,000*	110
	115	62.1	201.8	41,500	63.8	200.6	42,500	65.5	197.7	43,500	115
	120	60.6	199.0	38,600	62.3	197.7	39,600	64.0	194.7	40,500	120
	130	57.5	192.6	33,700	59.3	191.3	34,600	60.9	188.3	35,300	130
	140	54.4	185.5	29,500	56.1	184.2	30,300	57.6	181.0	30,900	140
	150	51.1	177.6	25,900	52.7	176.1	26,600	54.2	172.8	27,200	150
	160	47.6	168.6	22,800	49.2	167.0	23,400	50.6	163.5	23,900	160
	170	43.9	158.4	20,100	45.5	156.7	20,600	46.8	153.0	21,000	170
	180	39.9	146.7	17,700	41.5	144.9	18,100				180
	190	35.6	133.2	15,600	37.1	131.2	15,900				190
	200	30.7	117.1	13,700	32.1	114.8	13,900				200

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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	79,500b	75.8	228.6	69,100*b	77.6	226.0	54,600*	75
	80	72.8	228.2	72,200b	74.5	227.0	67,600*	76.3	224.3	53,300*	80
	85	71.5	226.5	65,900b	73.2	225.3	66,200*	74.9	222.6	52,000*	85
	90	70.2	224.6	60,400b	71.9	223.4	62,000	73.6	220.7	50,900*	90
	95	68.8	222.6	55,600b	70.6	221.4	57,000	72.2	218.7	49,700*	95
	100	67.5	220.5	51,300b	69.2	219.3	52,600	70.9	216.5	48,700*	100
	105	66.1	218.2	47,400b	67.8	217.0	48,700	69.5	214.2	47,700*	105
	110	64.8	215.8	44,000b	66.5	214.5	45,100	68.1	211.7	46,300	110
	115	63.4	213.2	40,800b	65.1	212.0	41,900	66.7	209.1	43,000	115
	120	62.0	210.5	38,000	63.7	209.2	39,000	65.2	206.3	40,000	120
	130	59.1	204.6	33,100	60.8	203.2	34,000	62.3	200.2	34,800	130
	140	56.1	197.9	28,900	57.8	196.5	29,700	59.3	193.4	30,400	140
	150	53.1	190.5	25,300	54.7	189.0	26,000	56.1	185.8	26,600	150
	160	49.8	182.1	22,200	51.4	180.6	22,800	52.8	177.2	23,300	160
	170	46.5	172.8	19,500	48.0	171.2	20,000	49.3	167.6	20,400	170
200	180	42.9	162.2	17,100	44.4	160.5	17,500	45.6	156.7	17,900	180
	190	39.0	150.2	14,900	40.5	148.3	15,300				190
	200	34.8	136.2	13,000	36.2	134.2	13,300				200
	210	30.0	119.7	11,300	31.3	117.3	11,500				210
	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	80.1	243.0	74,900*b				60
	65	77.2	243.0	90,200*b	78.9	241.8	73,100*b	80.6	239.2	57,700*	65
	70	76.0	241.7	87,400*b	77.7	240.5	71,400*b	79.4	237.8	56,600*	70
	75	74.8	240.2	78,800b	76.4	239.1	69,800*b	78.1	236.4	55,200*	75
	80	73.5	238.7	71,500b	75.2	237.5	68,300*b	76.9	234.8	53,900*	80
	85	72.3	237.1	65,200b	73.9	235.9	66,900*	75.6	233.2	52,700*	85
	90	71.0	235.3	59,700b	72.7	234.1	61,300	74.3	231.4	51,500*	90
	95	69.8	233.4	54,800b	71.4	232.2	56,400	73.0	229.4	50,400*	95
	100	68.5	231.4	50,500b	70.1	230.1	52,000	71.7	227.4	49,300*	100
	105	67.2	229.2	46,700b	68.8	228.0	48,000	70.4	225.2	48,300*	105
	110	65.9	226.9	43,200b	67.5	225.6	44,500	69.1	222.8	45,700	110
	115	64.6	224.5	40,100b	66.2	223.2	41,300	67.8	220.3	42,400	115
	120	63.2	221.9	37,300	64.9	220.6	38,400	66.4	217.7	39,400	120
	130	60.5	216.3	32,300	62.1	215.0	33,300	63.6	212.0	34,200	130
	140	57.7	210.0	28,100	59.3	208.7	29,000	60.8	205.6	29,800	140
	150	54.8	203.0	24,500	56.4	201.6	25,300	57.8	198.4	26,000	150
	160	51.8	195.3	21,400	53.4	193.8	22,100	54.8	190.5	22,700	160
	170	48.7	186.6	18,700	50.2	185.1	19,300	51.5	181.6	19,800	170
210	180	45.4	176.9	16,300	46.9	175.3	16,800	48.1	171.6	17,200	180
	190	41.9	166.0	14,200	43.4	164.2	14,600	44.5	160.3	15,000	190
	200	38.1	153.6	12,300	39.5	151.7	12,600				200
	210	34.0	139.2	10,500	35.3	137.1	10,800				210
	220	29.3	122.2	9,000							220

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	55	80.1	255.4	90,000*b	80.5	253.2	75,500*b				55
	60	78.9	254.4	90,000*b	79.4	252.1	73,700*b				60
	65	77.7	253.3	90,000*b	77.0	249.5	70,500*b				65
	70	76.6	252.0	87,000b	78.2	250.8	72,100*b	79.8	248.2	57,100*	70
	75	75.4	250.6	78,400b	77.0	249.5	70,500*b	78.6	246.8	55,700*	75
	80	74.2	249.2	71,100b	75.8	248.0	69,100*b	77.4	245.3	54,500*	80
	85	73.0	247.6	64,800b	74.6	246.4	66,700	76.2	243.7	53,200*	85
	90	71.8	245.9	59,300b	73.4	244.7	61,000	75.0	242.0	52,100*	90
	95	70.6	244.1	54,500b	72.2	242.9	56,000	73.8	240.1	51,000*	95
	100	69.4	242.2	50,200b	71.0	240.9	51,600	72.5	238.1	50,000*	100
	105	68.1	240.1	46,300b	69.7	238.9	47,700	71.3	236.1	49,000*	105
	110	66.9	237.9	42,900b	68.5	236.7	44,100	70.0	233.8	45,400	110
	115	65.7	235.6	39,700b	67.2	234.3	40,900	68.7	231.5	42,100	115
	120	64.4	233.1	36,900b	66.0	231.9	38,000	67.4	229.0	39,100	120
	130	61.8	227.8	31,900	63.4	226.5	32,900	64.8	223.5	33,900	130
	140	59.2	221.9	27,700	60.7	220.5	28,600	62.1	217.5	29,500	140
	150	56.5	215.3	24,200	58.0	213.9	24,900	59.3	210.8	25,700	150
	160	53.6	208.0	21,100	55.1	206.6	21,800	56.5	203.3	22,400	160
	170	50.7	199.9	18,300	52.2	198.4	19,000	53.5	195.0	19,500	170
	180	47.7	190.9	15,900	49.1	189.4	16,500	50.3	185.8	16,900	180
	190	44.4	180.9	13,800	45.9	179.2	14,300	47.0	175.4	14,700	190
	200	41.0	169.6	11,900	42.4	167.9	12,300	43.5	163.8	12,600	200
	210	37.3	156.9	10,200	38.7	154.9	10,500				210
	220	33.3	142.1	8,600	34.6	140.0	8,900				220
	230	28.7	124.7	7,200							230
220	55	80.4	265.6	90,000*b	80.9	263.4	76,100*b				55
	60	79.3	264.6	90,000*b	79.8	262.3	74,300*b				60
	65	78.2	263.5	90,000*b	78.6	261.1	72,700*b	80.2	258.5	57,400*	65
	70	77.1	262.3	86,400b	77.5	259.8	71,200*b	79.1	257.1	56,200*	70
	75	76.0	261.0	77,800b	76.4	258.4	69,800*b	77.9	255.7	55,000*	75
	80	74.8	259.6	70,500b	75.2	256.9	66,100b	76.8	254.2	53,800*	80
	85	73.7	258.1	64,200b	74.1	255.3	60,400	75.6	252.5	52,600*	85
	90	72.5	256.5	58,600b	72.9	253.5	55,400	74.4	250.8	51,600*	90
	95	71.4	254.7	53,800b	71.7	251.7	51,000	73.2	248.9	50,600*	95
	100	70.2	252.9	49,500b	70.6	249.7	47,100	72.0	246.9	48,500	100
	105	69.0	250.9	45,600b	69.4	247.6	43,500	70.8	244.7	44,800	105
	110	67.8	248.8	42,200b	68.2	245.4	40,300	69.6	242.5	41,500	110
	115	66.6	246.6	39,000b	66.9	243.0	37,400	68.4	240.1	38,500	115
	120	65.4	244.3	36,200b	64.5	237.9	32,300	65.9	235.0	33,300	120
	130	63.0	239.2	31,200	62.0	232.3	28,000	63.3	229.2	28,900	130
	140	60.5	233.6	27,000	59.4	226.0	24,300	60.7	222.9	25,100	140
	150	57.9	227.4	23,400	56.7	219.1	21,100	58.0	215.8	21,800	150
	160	55.3	220.5	20,300	53.9	211.4	18,300	55.2	208.1	18,900	160
	170	52.5	212.9	17,600	51.1	203.0	15,800	52.3	199.5	16,300	170
	180	49.7	204.5	15,200	48.1	193.6	13,600	49.2	189.9	14,000	180
	190	46.7	195.2	13,100	44.9	183.1	11,600	46.0	179.2	12,000	190
	200	43.5	184.8	11,200	41.5	171.4	9,800				200
	210	40.2	173.2	9,400	37.8	158.1	8,200				210
	220	36.6	160.1	7,900	33.8	142.8	6,700				220
	230	32.6	145.0	6,500							230
	240	28.1	127.1	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

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
230	55	80.8	275.8	90,000*b	80.2	272.6	74,900*b	80.6	268.7	57,700*	55
	60	79.7	274.8	90,000*b							60
	65	78.6	273.8	90,000*b							65
	70	77.6	272.6	85,800b							70
	75	76.5	271.4	77,200b							75
	80	75.4	270.0	69,900b	76.9	268.8	70,400*b	78.4	266.1	55,500*	80
	85	74.3	268.6	63,600b	75.8	267.4	65,500b	77.3	264.6	54,300*	85
	90	73.2	267.0	58,000b	74.7	265.8	59,900	76.2	263.0	53,200*	90
	95	72.1	265.3	53,200b	73.6	264.1	54,900	75.0	261.3	52,100*	95
	100	71.0	263.6	48,900b	72.4	262.3	50,400	73.9	259.5	51,100*	100
	105	69.8	261.7	45,000b	71.3	260.4	46,500	72.8	257.6	48,000	105
	110	68.7	259.7	41,500b	70.2	258.4	42,900	71.6	255.6	44,300	110
	115	67.6	257.6	38,400b	69.0	256.3	39,700	70.4	253.4	41,000	115
	120	66.4	255.3	35,600b	67.9	254.1	36,800	69.3	251.2	38,000	120
	130	64.1	250.5	30,600b	65.5	249.2	31,700	66.9	246.2	32,700	130
	140	61.7	245.1	26,400	63.1	243.8	27,400	64.5	240.8	28,300	140
	150	59.2	239.2	22,800	60.7	237.9	23,700	62.0	234.8	24,500	150
	160	56.7	232.7	19,700	58.1	231.3	20,500	59.4	228.1	21,200	160
	170	54.1	225.5	17,000	55.5	224.1	17,700	56.7	220.8	18,300	170
	180	51.4	217.6	14,600	52.8	216.1	15,200	54.0	212.7	15,800	180
	190	48.7	209.0	12,400	50.0	207.4	13,000	51.1	203.8	13,500	190
	200	45.7	199.3	10,500	47.1	197.7	11,000	48.1	193.9	11,400	200
	210	42.7	188.7	8,800	43.9	186.9	9,200	45.0	182.9	9,600	210
	220	39.4	176.7	7,200	40.6	174.9	7,600				220
	230	35.8	163.2	5,800	37.1	161.2	6,100				230
	240	32.0	147.8	4,500	33.1	145.5	4,800				240
240	60	80.1	285.0	90,000*b	80.5	282.8	75,400*b	80.9	279.0	57,900*	60
	65	79.1	284.0	90,000*b							65
	70	78.0	282.9	85,100b							70
	75	77.0	281.7	76,600b							75
	80	75.9	280.4	69,200b							80
	85	74.9	279.0	62,900b	76.3	277.8	64,900b	77.7	275.0	54,800*	85
	90	73.8	277.5	57,400b	75.2	276.3	59,300b	76.7	273.5	53,700*	90
	95	72.7	275.9	52,500b	74.2	274.7	54,300	75.6	271.9	52,600*	95
	100	71.7	274.2	48,200b	73.1	272.9	49,800	74.5	270.2	51,500	100
	105	70.6	272.4	44,300b	72.0	271.1	45,900	73.4	268.3	47,400	105
	110	69.5	270.5	40,800b	70.9	269.2	42,300	72.3	266.4	43,700	110
	115	68.4	268.4	37,700b	69.8	267.2	39,100	71.2	264.3	40,400	115
	120	67.3	266.3	34,800b	68.7	265.0	36,100	70.1	262.1	37,400	120
	130	65.1	261.7	29,900b	66.5	260.4	31,000	67.8	257.4	32,100	130
	140	62.8	256.5	25,700	64.2	255.2	26,700	65.5	252.2	27,700	140
	150	60.4	250.9	22,100	61.8	249.5	23,000	63.1	246.5	23,900	150
	160	58.1	244.7	19,000	59.4	243.3	19,800	60.7	240.2	20,600	160
	170	55.6	237.9	16,200	56.9	236.5	17,000	58.2	233.2	17,700	170
	180	53.1	230.5	13,800	54.4	229.0	14,500	55.6	225.6	15,100	180
	190	50.4	222.3	11,700	51.8	220.8	12,300	52.9	217.3	12,800	190
	200	47.7	213.3	9,800	49.0	211.7	10,300	50.1	208.1	10,800	200
	210	44.9	203.4	8,100	46.1	201.7	8,500	47.1	197.9	8,900	210
	220	41.8	192.4	6,500	43.1	190.6	6,900	44.0	186.6	7,200	220
	230	38.6	180.2	5,100	39.8	178.3	5,400				230
	240				36.3	164.3	4,100				240

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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	85,600b	79.8	291.9	74,400*b				70
	75	77.4	292.0	77,100b	78.8	290.8	73,000*b	80.2	288.0	57,400*	75
	80	76.4	290.7	69,700b	77.8	289.5	71,600*b	79.2	286.8	56,400*	80
	85	75.4	289.4	63,400b	76.8	288.2	65,400b	78.2	285.4	55,300*	85
	90	74.4	287.9	57,900b	75.8	286.7	59,800b	77.2	283.9	54,200*	90
	95	73.4	286.4	53,000b	74.7	285.2	54,800	76.1	282.4	53,100*	95
	100	72.3	284.8	48,700b	73.7	283.5	50,300	75.1	280.7	51,900	100
	105	71.3	283.0	44,800b	72.7	281.8	46,400	74.0	279.0	47,900	105
	110	70.2	281.2	41,400b	71.6	279.9	42,800	72.9	277.1	44,200	110
	115	69.2	279.2	38,200b	70.6	278.0	39,600	71.9	275.1	40,900	115
	120	68.1	277.2	35,400b	69.5	275.9	36,700	70.8	273.0	37,900	120
	130	66.0	272.7	30,400b	67.3	271.4	31,600	68.6	268.5	32,700	130
	140	63.8	267.8	26,200b	65.1	266.5	27,300	66.4	263.5	28,200	140
	150	61.6	262.5	22,600	62.9	261.1	23,600	64.1	258.1	24,400	150
	160	59.3	256.5	19,500	60.6	255.2	20,400	61.8	252.0	21,100	160
	170	57.0	250.1	16,800	58.3	248.7	17,600	59.4	245.5	18,200	170
	180	54.5	243.0	14,400	55.8	241.6	15,100	57.0	238.3	15,700	180
	190	52.1	235.3	12,300	53.3	233.8	12,900	54.5	230.4	13,400	190
260	200	49.5	226.8	10,400	50.8	225.3	10,900	51.8	221.7	11,400	200
	210	46.8	217.6	8,600	48.1	215.9	9,100	49.1	212.2	9,500	210
	220	44.0	207.4	7,100	45.2	205.7	7,500	46.2	201.7	7,900	220
	230	41.1	196.1	5,700	42.3	194.3	6,000	43.2	190.1	6,300	230
	240	37.9	183.5	4,400	39.1	181.6	4,700				240
	60	80.8	305.4	90,000*b							60
	65	79.8	304.4	90,000*b							65
	70	78.8	303.4	85,000b	80.2	302.2	74,900*b				70
	75	77.8	302.3	76,400b	79.2	301.0	73,500*b	80.6	298.3	57,600*	75
	80	76.9	301.0	69,100b	78.2	299.8	71,400b	79.6	297.1	56,800*	80
	85	75.9	299.7	62,800b	77.2	298.5	64,900b	78.6	295.8	55,700*	85
	90	74.9	298.4	57,200b	76.3	297.1	59,200b	77.6	294.4	54,600*	90
	95	73.9	296.9	52,400b	75.3	295.6	54,200b	76.6	292.8	53,600*	95
	100	72.9	295.3	48,000b	74.3	294.0	49,700	75.6	291.2	51,400	100
	105	71.9	293.6	44,200b	73.3	292.4	45,800	74.6	289.5	47,300	105
	110	70.9	291.8	40,700b	72.3	290.6	42,200	73.6	287.7	43,700	110
	115	69.9	290.0	37,600b	71.2	288.7	39,000	72.5	285.8	40,400	115
	120	68.9	288.0	34,700b	70.2	286.7	36,100	71.5	283.8	37,400	120
	130	66.8	283.7	29,700b	68.1	282.4	30,900	69.4	279.5	32,100	130
	140	64.7	279.0	25,500b	66.0	277.7	26,600	67.3	274.7	27,600	140
	150	62.6	273.9	21,900	63.9	272.5	22,900	65.1	269.5	23,800	150
	160	60.4	268.2	18,800	61.7	266.9	19,700	62.9	263.7	20,500	160
	170	58.2	262.1	16,100	59.5	260.7	16,900	60.6	257.5	17,600	170
	180	55.9	255.3	13,700	57.2	253.9	14,400	58.3	250.6	15,100	180
	190	53.6	248.0	11,600	54.8	246.5	12,200	55.9	243.2	12,800	190
	200	51.1	240.0	9,600	52.4	238.5	10,200	53.4	235.0	10,700	200
	210	48.6	231.3	7,900	49.8	229.7	8,500	50.8	226.1	8,900	210
	220	46.0	221.8	6,400	47.2	220.1	6,800	48.1	216.3	7,200	220
	230	43.2	211.3	5,000	44.4	209.5	5,400	45.3	205.5	5,700	230
	240				41.5	197.8	4,000				240

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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*	79.9	190.5	59,200*				60
	65	75.1	190.8	68,100*	78.3	189.0	58,300*				65
	70	73.6	189.1	66,800*	76.7	187.3	57,500*	79.9	183.5	41,800*	70
	75	72.0	187.3	65,600*	75.1	185.4	56,700*	78.3	181.6	40,400*	75
	80	70.4	185.3	64,400*	73.5	183.4	55,900*	76.6	179.6	39,100*	80
	85	68.7	183.1	63,300*	71.9	181.2	55,200*	75.0	177.3	37,900*	85
	90	67.1	180.8	62,200*	70.2	178.9	54,500*	73.3	174.9	36,800*	90
	95	65.4	178.3	60,900	68.5	176.3	53,200*	71.5	172.3	35,800*	95
	100	63.7	175.6	56,500	66.8	173.6	51,600*	69.8	169.5	34,800*	100
	105	62.0	172.7	52,700	65.0	170.7	50,100*	68.0	166.5	33,900*	105
	110	60.3	169.6	49,200	63.3	167.5	48,700*	66.2	163.3	33,100*	110
	115	58.5	166.3	46,100	61.5	164.2	47,100	64.3	159.9	32,300*	115
	120	56.6	162.8	43,200	59.6	160.6	44,200	62.4	156.2	31,600*	120
	130	52.8	154.9	38,200	55.7	152.6	39,100	58.4	147.9	30,200*	130
	140	48.8	145.9	34,000	51.7	143.4	34,700	54.2	138.4	29,100*	140
	150	44.5	135.4	30,400	47.3	132.8	31,000	49.6	127.3	28,100*	150
	160	39.8	123.2	27,200	42.4	120.3	27,700				160
	170	34.5	108.5	24,500	37.0	105.1	24,900				170
	180	28.2	90.0	22,000							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	60,200	69.7	187.5	54,300*	72.6	183.4	36,400*	95
	100	65.2	186.9	55,800	68.1	184.9	52,800*	70.9	180.8	35,500*	100
	105	63.5	184.2	52,000	66.4	182.2	51,300*	69.3	178.0	34,600*	105
	110	61.9	181.4	48,500	64.8	179.3	49,800	67.6	175.0	33,700*	110
	115	60.2	178.3	45,300	63.1	176.2	46,500	65.8	171.8	33,000*	115
	120	58.5	175.0	42,500	61.4	172.8	43,600	64.1	168.4	32,200*	120
	130	55.0	167.7	37,500	57.8	165.5	38,400	60.4	160.8	30,900*	130
	140	51.4	159.5	33,300	54.1	157.1	34,100	56.5	152.2	29,700*	140
	150	47.5	150.0	29,600	50.1	147.5	30,300	52.4	142.2	28,700*	150
	160	43.3	139.2	26,500	45.8	136.4	27,100	48.0	130.7	27,600	160
	170	38.7	126.5	23,700	41.1	123.4	24,200				170
	180	33.5	111.3	21,300	35.8	107.7	21,700				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	59,600	70.7	198.5	54,700*	73.5	194.4	37,000*	95
	100	66.4	198.1	55,200	69.2	196.1	53,900*	71.9	192.0	36,100*	100
	105	64.9	195.6	51,300	67.7	193.5	52,400*	70.4	189.4	35,200*	105
	110	63.4	192.9	47,900	66.1	190.8	49,200	68.8	186.5	34,400*	110
	115	61.8	190.0	44,700	64.5	187.9	46,000	67.2	183.6	33,600*	115
	120	60.2	186.9	41,900	62.9	184.8	43,000	65.5	180.4	32,800*	120
	130	57.0	180.2	36,900	59.6	177.9	37,900	62.1	173.3	31,500*	130
	140	53.6	172.5	32,600	56.2	170.2	33,500	58.6	165.4	30,300*	140
	150	50.0	163.9	29,000	52.6	161.4	29,800	54.8	156.3	29,300*	150
	160	46.2	154.1	25,900	48.7	151.4	26,500	50.8	145.9	27,100	160
	170	42.1	142.8	23,100	44.5	139.9	23,700	46.5	133.9	24,100	170
	180	37.7	129.6	20,700	40.0	126.4	21,100				180
	190	32.6	113.9	18,500	34.8	110.3	18,800				190

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	63,800	73.1	211.6	55,700*	75.8	207.5	38,500*	90
	95	69.0	211.5	58,900	71.7	209.4	55,100*	74.3	205.3	37,600*	95
	100	67.6	209.2	54,500	70.2	207.2	54,500*	72.9	203.0	36,600*	100
	105	66.1	206.8	50,600	68.8	204.7	52,200	71.4	200.5	35,800*	105
	110	64.7	204.3	47,200	67.3	202.2	48,600	69.9	197.9	34,900*	110
	115	63.2	201.5	44,000	65.8	199.4	45,400	68.4	195.1	34,200*	115
	120	61.7	198.7	41,100	64.3	196.5	42,400	66.8	192.1	33,400*	120
	130	58.7	192.3	36,100	61.2	190.1	37,200	63.7	185.5	32,100*	130
	140	55.5	185.2	31,900	58.0	182.9	32,900	60.4	178.1	30,900*	140
	150	52.2	177.2	28,300	54.7	174.8	29,100	56.9	169.8	29,800*	150
	160	48.7	168.2	25,100	51.2	165.6	25,900	53.3	160.3	26,500	160
	170	45.0	158.0	22,400	47.4	155.2	23,000	49.4	149.5	23,500	170
	180	41.1	146.3	19,900	43.3	143.3	20,500				180
	190	36.7	132.7	17,700	38.9	129.4	18,200				190
	200	31.8	116.6	15,800							200
170	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	63,400	73.9	222.3	56,100*	76.4	218.2	39,000*	90
	95	70.0	222.3	58,500	72.5	220.3	55,500*	75.1	216.1	38,100*	95
	100	68.6	220.2	54,200	71.2	218.1	54,900*	73.7	213.9	37,100*	100
	105	67.3	217.9	50,300	69.8	215.8	51,900	72.3	211.6	36,300*	105
	110	65.9	215.5	46,800	68.4	213.4	48,300	70.9	209.1	35,500*	110
	115	64.5	212.9	43,600	67.0	210.8	45,100	69.4	206.4	34,700*	115
	120	63.1	210.2	40,800	65.6	208.0	42,100	68.0	203.6	34,000*	120
	130	60.2	204.2	35,800	62.7	202.0	36,900	65.0	197.5	32,600*	130
	140	57.2	197.6	31,500	59.7	195.3	32,600	61.9	190.5	31,400*	140
	150	54.2	190.1	27,900	56.5	187.7	28,800	58.7	182.8	29,700	150
	160	50.9	181.8	24,800	53.3	179.3	25,600	55.4	174.1	26,300	160
	170	47.6	172.4	22,000	49.8	169.7	22,700	51.8	164.2	23,300	170
	180	44.0	161.8	19,600	46.2	159.0	20,200	48.0	153.1	20,700	180
	190	40.1	149.7	17,400	42.2	146.6	17,900				190
	200	35.8	135.8	15,500	37.9	132.3	15,900				200
	210	31.0	119.1	13,700							210
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	62,800	74.6	232.9	56,400*	77.0	228.8	39,500*	90
	95	70.8	233.1	57,900	73.3	231.0	55,800*	75.7	226.8	38,500*	95
	100	69.6	231.1	53,500	72.0	229.0	55,200*	74.4	224.8	37,600*	100
	105	68.3	228.9	49,600	70.7	226.8	51,300	73.1	222.5	36,800*	105
	110	67.0	226.6	46,100	69.4	224.5	47,700	71.8	220.2	36,000*	110
	115	65.6	224.2	43,000	68.1	222.0	44,500	70.4	217.6	35,200*	115
	120	64.3	221.6	40,100	66.7	219.4	41,500	69.0	215.0	34,500*	120
	130	61.6	216.0	35,100	64.0	213.7	36,300	66.2	209.2	33,200*	130
	140	58.8	209.7	30,800	61.1	207.4	31,900	63.3	202.7	32,000*	140
	150	55.9	202.7	27,200	58.2	200.3	28,200	60.3	195.4	29,100	150
	160	52.9	194.9	24,000	55.2	192.4	24,900	57.2	187.3	25,700	160
	170	49.8	186.2	21,300	52.0	183.6	22,000	53.9	178.3	22,700	170
	180	46.5	176.5	18,900	48.6	173.7	19,500	50.5	168.1	20,100	180
	190	42.9	165.6	16,700	45.1	162.6	17,300	46.7	156.5	17,700	190
	200	39.2	153.1	14,700	41.2	149.9	15,200				200
	210	35.0	138.7	13,000	36.9	135.1	13,400				210
	220	30.3	121.6	11,400							220

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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	62,200	75.2	243.5	56,700*	77.6	239.4	39,900*	90
	95	71.6	243.8	57,300	74.0	241.7	56,100*	76.4	237.5	39,000*	95
	100	70.4	241.9	52,900	72.8	239.8	54,800	75.1	235.5	38,100*	100
	105	69.2	239.8	49,000	71.5	237.7	50,800	73.8	233.4	37,300*	105
	110	67.9	237.6	45,500	70.3	235.5	47,200	72.6	231.1	36,500*	110
	115	66.7	235.3	42,300	69.0	233.1	43,900	71.3	228.7	35,700*	115
	120	65.4	232.8	39,500	67.7	230.6	41,000	70.0	226.2	35,000*	120
	130	62.8	227.5	34,400	65.1	225.3	35,800	67.3	220.7	33,700*	130
	140	60.2	221.6	30,200	62.5	219.3	31,400	64.6	214.6	32,500*	140
	150	57.5	215.0	26,600	59.7	212.6	27,600	61.8	207.8	28,600	150
	160	54.7	207.7	23,400	56.8	205.2	24,300	58.8	200.2	25,200	160
	170	51.7	199.6	20,600	53.9	197.0	21,500	55.8	191.8	22,200	170
	180	48.7	190.6	18,200	50.8	187.9	18,900	52.6	182.4	19,600	180
	190	45.4	180.5	16,000	47.5	177.7	16,700	49.2	171.8	17,200	190
200	200	42.0	169.2	14,100	44.0	166.2	14,600				200
	210	38.3	156.4	12,300	40.2	153.1	12,800				210
	220	34.2	141.6	10,800	36.1	137.9	11,100				220
	230	29.7	124.1	9,300							230
	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	67,100	77.0	255.7	57,600*	79.3	251.6	41,300*	85
	90	73.5	256.2	61,500	75.8	254.1	57,000*	78.1	249.9	40,300*	90
	95	72.4	254.4	56,600	74.7	252.3	56,400*	76.9	248.1	39,400*	95
	100	71.2	252.6	52,200	73.5	250.5	54,300	75.7	246.2	38,500*	100
	105	70.0	250.6	48,300	72.3	248.5	50,200	74.5	244.2	37,700*	105
	110	68.8	248.5	44,800	71.1	246.4	46,600	73.3	242.0	36,900*	110
	115	67.6	246.3	41,700	69.9	244.1	43,300	72.1	239.8	36,200*	115
	120	66.4	244.0	38,800	68.7	241.8	40,400	70.8	237.3	35,500*	120
	130	64.0	238.9	33,700	66.2	236.7	35,100	68.3	232.1	34,100*	130
	140	61.5	233.3	29,500	63.7	231.0	30,700	65.7	226.3	31,900	140
	150	58.9	227.0	25,800	61.0	224.7	27,000	63.0	219.9	28,000	150
	160	56.2	220.1	22,700	58.4	217.7	23,700	60.3	212.7	24,600	160
	170	53.5	212.5	19,900	55.6	210.0	20,800	57.4	204.8	21,600	170
	180	50.6	204.1	17,500	52.7	201.5	18,300	54.5	196.1	19,000	180
	190	47.6	194.8	15,300	49.6	192.0	16,000	51.3	186.3	16,600	190
240	200	44.5	184.4	13,400	46.4	181.5	14,000	48.0	175.4	14,500	200
	210	41.1	172.8	11,600	43.0	169.6	12,100				210
	220	37.5	159.6	10,000	39.3	156.2	10,500				220
	230	33.5	144.4	8,600	35.2	140.6	8,900				230
	240	29.0	126.5	7,200							240

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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	66,700	77.5	266.2	57,800*	79.7	262.0	41,700*	85
	90	74.2	266.7	61,200	76.4	264.6	57,300*	78.6	260.4	40,700*	90
	95	73.0	265.0	56,200	75.2	262.9	56,700*	77.4	258.7	39,800*	95
	100	71.9	263.3	51,900	74.1	261.1	54,000	76.3	256.8	39,000*	100
	105	70.8	261.4	48,000	73.0	259.2	49,900	75.1	254.9	38,100*	105
	110	69.7	259.4	44,400	71.8	257.2	46,300	74.0	252.8	37,400*	110
	115	68.5	257.3	41,300	70.7	255.1	43,000	72.8	250.7	36,600*	115
	120	67.4	255.0	38,400	69.5	252.8	40,000	71.6	248.4	35,900*	120
	130	65.0	250.2	33,400	67.2	247.9	34,800	69.2	243.4	34,600*	130
	140	62.6	244.8	29,100	64.7	242.5	30,400	66.7	237.9	31,600	140
	150	60.2	238.9	25,500	62.3	236.5	26,600	64.2	231.8	27,700	150
	160	57.7	232.4	22,300	59.7	229.9	23,300	61.6	225.0	24,300	160
	170	55.1	225.2	19,500	57.1	222.7	20,500	58.9	217.6	21,300	170
	180	52.4	217.3	17,100	54.4	214.7	17,900	56.1	209.4	18,700	180
	190	49.6	208.6	14,900	51.5	205.8	15,700	53.2	200.3	16,300	190
	200	46.7	198.9	13,000	48.6	196.1	13,600	50.2	190.3	14,200	200
	210	43.6	188.2	11,200	45.4	185.2	11,800	46.9	179.0	12,300	210
	220	40.3	176.3	9,600	42.1	173.0	10,100				220
	230	36.7	162.7	8,200	38.5	159.2	8,600				230
	240	32.8	147.2	6,900	34.5	143.3	7,200				240
	250	28.4	128.9	5,600							250
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	66,100	77.9	276.6	58,100*	80.1	272.3	42,000*	85
	90	74.7	277.2	60,500	76.9	275.1	57,500*	79.0	270.8	41,100*	90
	95	73.7	275.6	55,600	75.8	273.5	57,000*	77.9	269.2	40,200*	95
	100	72.6	273.9	51,200	74.7	271.7	53,400	76.8	267.4	39,300*	100
	105	71.5	272.1	47,300	73.6	269.9	49,400	75.7	265.6	38,500*	105
	110	70.4	270.1	43,800	72.5	268.0	45,700	74.6	263.6	37,800*	110
	115	69.3	268.1	40,600	71.4	265.9	42,400	73.5	261.5	37,000*	115
	120	68.2	266.0	37,700	70.3	263.8	39,400	72.3	259.3	36,300*	120
	130	66.0	261.3	32,700	68.0	259.1	34,200	70.0	254.5	35,000*	130
	140	63.7	256.2	28,400	65.7	253.9	29,800	67.7	249.3	31,100	140
	150	61.4	250.6	24,800	63.4	248.2	26,000	65.3	243.5	27,200	150
	160	59.0	244.4	21,600	61.0	242.0	22,700	62.8	237.1	23,700	160
	170	56.5	237.6	18,800	58.5	235.1	19,800	60.3	230.0	20,800	170
	180	54.0	230.1	16,400	55.9	227.5	17,300	57.6	222.3	18,100	180
	190	51.3	221.9	14,200	53.3	219.2	15,000	54.9	213.8	15,700	190
	200	48.6	212.9	12,300	50.5	210.1	13,000	52.1	204.5	13,600	200
	210	45.7	203.0	10,500	47.6	200.1	11,200	49.1	194.1	11,700	210
	220	42.7	192.0	8,900	44.5	188.9	9,500	45.9	182.5	9,900	220
	230	39.5	179.7	7,500	41.2	176.4	8,000				230
	240	36.0	165.8	6,200	37.7	162.2	6,600				240
	250	32.2	149.9	4,900							250

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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	65,600	78.4	287.0	58,300*	80.5	282.7	42,400*	85
	90	75.3	287.6	59,900	77.3	285.5	57,800*	79.4	281.2	41,400*	90
	95	74.2	286.1	55,000	76.3	283.9	57,200*	78.4	279.6	40,600*	95
	100	73.2	284.4	50,600	75.3	282.3	52,900	77.3	277.9	39,700*	100
	105	72.2	282.7	46,700	74.2	280.5	48,800	76.2	276.2	38,900*	105
	110	71.1	280.9	43,200	73.2	278.7	45,200	75.2	274.3	38,200*	110
	115	70.1	278.9	40,000	72.1	276.7	41,900	74.1	272.3	37,400*	115
	120	69.0	276.9	37,100	71.0	274.6	38,900	73.0	270.2	36,800*	120
	130	66.9	272.4	32,100	68.9	270.2	33,700	70.8	265.6	35,200	130
	140	64.7	267.5	27,800	66.7	265.2	29,200	68.5	260.6	30,600	140
	150	62.4	262.1	24,100	64.4	259.8	25,400	66.3	255.0	26,700	150
	160	60.2	256.2	21,000	62.1	253.8	22,100	63.9	248.9	23,200	160
	170	57.8	249.7	18,200	59.7	247.3	19,300	61.5	242.3	20,200	170
	180	55.4	242.7	15,800	57.3	240.1	16,700	59.0	235.0	17,600	180
	190	52.9	234.9	13,600	54.8	232.3	14,400	56.4	227.0	15,200	190
	200	50.4	226.5	11,600	52.2	223.7	12,400	53.8	218.2	13,100	200
240	210	47.7	217.2	9,900	49.5	214.3	10,600	51.0	208.5	11,200	210
	220	44.9	207.0	8,300	46.6	203.9	8,900	48.0	197.8	9,400	220
	230	41.9	195.6	6,800	43.6	192.5	7,400				230
	240	38.8	183.0	5,500	40.4	179.6	6,000				240
	250	35.3	168.8	4,300	36.9	165.1	4,700				250
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*	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	64,900	78.8	297.3	58,500*	80.8	293.0	42,700*	85
	90	75.8	298.0	59,300	77.8	295.9	58,000*	79.8	291.6	41,800*	90
	95	74.8	296.6	54,400	76.8	294.4	56,900	78.8	290.1	40,900*	95
	100	73.8	295.0	50,000	75.8	292.8	52,400	77.8	288.4	40,100*	100
	105	72.8	293.3	46,000	74.8	291.1	48,300	76.7	286.7	39,300*	105
	110	71.8	291.5	42,500	73.8	289.3	44,600	75.7	284.9	38,500*	110
	115	70.8	289.6	39,300	72.7	287.4	41,300	74.7	283.0	37,800*	115
	120	69.7	287.7	36,400	71.7	285.4	38,300	73.6	281.0	37,100*	120
	130	67.7	283.4	31,400	69.6	281.1	33,100	71.5	276.6	34,700	130
	140	65.6	278.7	27,100	67.5	276.4	28,600	69.3	271.8	30,100	140
	150	63.5	273.5	23,400	65.4	271.2	24,800	67.1	266.5	26,100	150
	160	61.3	267.9	20,300	63.2	265.5	21,500	64.9	260.6	22,700	160
	170	59.0	261.7	17,500	60.9	259.3	18,600	62.6	254.3	19,700	170
	180	56.7	255.0	15,000	58.6	252.5	16,100	60.3	247.4	17,000	180
	190	54.4	247.6	12,900	56.2	245.0	13,800	57.8	239.8	14,600	190
	200	52.0	239.6	10,900	53.7	236.9	11,700	55.3	231.5	12,500	200
250	210	49.4	230.9	9,200	51.2	228.1	9,900	52.7	222.4	10,500	210
	220	46.8	221.3	7,600	48.5	218.4	8,200	50.0	212.5	8,800	220
	230	44.1	210.8	6,100	45.7	207.8	6,700	47.1	201.5	7,200	230
	240	41.2	199.2	4,800	42.8	196.0	5,300				240
					39.6	182.8	4,000				250
	250										250

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
250	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	59,700	78.2	306.3	58,200*	80.1	301.9	42,100*	90
	95	75.3	307.0	54,800	77.2	304.8	57,300	79.2	300.5	41,200*	95
	100	74.3	305.5	50,400	76.3	303.3	52,700	78.2	298.9	40,400*	100
	105	73.4	303.9	46,500	75.3	301.7	48,700	77.2	297.3	39,600*	105
	110	72.4	302.1	43,000	74.3	299.9	45,000	76.2	295.5	38,900*	110
	115	71.4	300.3	39,800	73.3	298.1	41,700	75.2	293.7	38,200*	115
	120	70.4	298.4	36,900	72.3	296.2	38,700	74.2	291.7	37,500*	120
	130	68.4	294.3	31,800	70.3	292.1	33,500	72.1	287.5	35,100	130
	140	66.4	289.8	27,600	68.3	287.5	29,000	70.1	282.9	30,500	140
	150	64.4	284.8	23,900	66.2	282.5	25,300	68.0	277.8	26,500	150
	160	62.3	279.4	20,700	64.1	277.0	22,000	65.8	272.2	23,100	160
	170	60.2	273.5	18,000	62.0	271.1	19,100	63.6	266.1	20,100	170
	180	58.0	267.1	15,500	59.8	264.6	16,500	61.4	259.5	17,500	180
	190	55.7	260.1	13,400	57.5	257.5	14,300	59.1	252.3	15,100	190
	200	53.4	252.5	11,400	55.2	249.9	12,200	56.7	244.5	13,000	200
	210	51.0	244.3	9,700	52.8	241.5	10,400	54.2	235.9	11,100	210
	220	48.6	235.3	8,100	50.3	232.4	8,700	51.7	226.6	9,300	220
	230	46.0	225.4	6,600	47.6	222.4	7,200	49.0	216.4	7,700	230
	240	43.3	214.7	5,300	44.9	211.5	5,800	46.2	205.1	6,300	240
	250	40.4	202.8	4,100	42.0	199.4	4,600				250
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	59,100	78.6	316.6	58,400*	80.5	312.3	42,400*	90
	95	75.8	317.4	54,200	77.6	315.2	56,800	79.5	310.8	41,500*	95
	100	74.8	315.9	49,800	76.7	313.7	52,200	78.6	309.3	40,700*	100
	105	73.9	314.4	45,900	75.8	312.2	48,100	77.6	307.7	40,000*	105
	110	73.0	312.7	42,300	74.8	310.5	44,500	76.6	306.1	39,200*	110
	115	72.0	311.0	39,100	73.9	308.7	41,200	75.7	304.3	38,500*	115
	120	71.1	309.1	36,200	72.9	306.9	38,200	74.7	302.4	37,900*	120
	130	69.2	305.2	31,200	71.0	302.9	32,900	72.8	298.3	34,600	130
	140	67.2	300.8	26,900	69.0	298.5	28,500	70.8	293.9	30,000	140
	150	65.2	296.1	23,200	67.0	293.7	24,600	68.7	289.0	26,000	150
	160	63.2	290.8	20,100	65.0	288.5	21,300	66.7	283.7	22,600	160
	170	61.2	285.2	17,300	63.0	282.8	18,500	64.6	277.8	19,600	170
	180	59.1	279.0	14,800	60.8	276.6	15,900	62.4	271.5	16,900	180
	190	57.0	272.4	12,700	58.7	269.8	13,600	60.2	264.7	14,500	190
	200	54.8	265.1	10,700	56.5	262.5	11,600	58.0	257.2	12,400	200
	210	52.5	257.3	9,000	54.2	254.6	9,800	55.6	249.1	10,500	210
	220	50.2	248.8	7,400	51.8	246.0	8,100	53.2	240.3	8,700	220
	230	47.7	239.5	5,900	49.4	236.6	6,600	50.7	230.7	7,100	230
	240	45.2	229.5	4,600	46.8	226.4	5,200	48.1	220.2	5,700	240

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	130	57.7	180.1	39,100	61.4	177.5	36,800*	64.9	172.1	25,600*	130
	140	54.3	172.5	34,900	57.9	169.7	34,900*	61.3	164.1	24,400*	140
	150	50.8	163.8	31,200	54.3	160.9	32,100	57.5	155.0	23,500*	150
	160	47.0	154.0	28,100	50.4	150.9	28,800	53.5	144.5	22,600*	160
	170	42.9	142.7	25,300	46.2	139.3	26,000	49.1	132.4	21,800*	170
	180	38.4	129.5	22,900	41.6	125.8	23,400				180
	190	33.4	113.8	20,700	36.4	109.5	21,100				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
	130	59.4	192.3	38,400	62.9	189.6	37,200*	66.3	184.3	26,100*	130
	140	56.3	185.1	34,100	59.7	182.4	35,300	63.0	176.8	24,900*	140
	150	52.9	177.1	30,500	56.3	174.3	31,500	59.5	168.4	23,900*	150
	160	49.5	168.1	27,300	52.8	165.1	28,200	55.8	158.8	23,100*	160
	170	45.8	157.9	24,600	49.0	154.7	25,300	51.9	147.9	22,300*	170
	180	41.8	146.2	22,100	44.9	142.7	22,800	47.6	135.3	21,600*	180
	190	37.4	132.6	20,000	40.5	128.7	20,500				190
	200	32.5	116.4	18,000	35.4	111.9	18,400				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
	130	60.9	204.2	37,800	64.3	201.5	37,600*	67.5	196.1	26,500*	130
	140	58.0	197.5	33,500	61.3	194.8	34,700	64.4	189.2	25,400*	140
	150	54.9	190.0	29,900	58.1	187.2	30,900	61.2	181.3	24,400*	150
	160	51.6	181.7	26,700	54.9	178.7	27,700	57.8	172.5	23,500*	160
	170	48.3	172.3	23,900	51.4	169.1	24,800	54.2	162.6	22,700*	170
	180	44.7	161.7	21,500	47.7	158.3	22,200	50.4	151.3	22,000*	180
	190	40.8	149.6	19,300	43.7	145.9	19,900	46.2	138.3	20,400	190
	200	36.5	135.6	17,400	39.4	131.5	17,900				200
	210	31.7	119.0	15,600	34.4	114.2	16,000				210

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	42,100	68.2	218.9	38,800*	71.4	213.6	28,200*	120
	130	62.3	215.9	37,100	65.5	213.2	37,900*	68.6	207.8	27,000*	130
	140	59.5	209.6	32,800	62.7	206.8	34,100	65.7	201.2	25,900*	140
	150	56.6	202.6	29,200	59.7	199.7	30,300	62.7	193.9	24,900*	150
	160	53.6	194.8	26,000	56.7	191.8	27,000	59.5	185.8	24,000*	160
	170	50.4	186.1	23,200	53.5	183.0	24,100	56.2	176.6	23,200*	170
	180	47.1	176.4	20,800	50.1	173.1	21,600	52.7	166.3	22,300	180
	190	43.6	165.4	18,600	46.5	161.9	19,300	49.0	154.6	19,900	190
	200	39.8	153.0	16,600	42.6	149.1	17,200				200
	210	35.7	138.6	14,900	38.4	134.3	15,400				210
	220	31.0	121.5	13,300							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	41,700	69.2	230.1	39,200*	72.3	224.8	28,600*	120
	130	63.5	227.4	36,700	66.6	224.7	38,300*	69.6	219.3	27,400*	130
	140	60.8	221.5	32,400	63.9	218.7	33,800	66.9	213.1	26,300*	140
	150	58.1	214.9	28,800	61.1	212.0	30,000	64.0	206.2	25,300*	150
	160	55.3	207.6	25,600	58.3	204.6	26,700	61.1	198.6	24,400*	160
	170	52.4	199.5	22,800	55.3	196.4	23,800	58.0	190.1	23,600*	170
	180	49.3	190.4	20,400	52.2	187.2	21,300	54.8	180.6	22,100	180
	190	46.1	180.4	18,200	48.9	177.0	19,000	51.3	169.9	19,700	190
	200	42.6	169.1	16,300	45.4	165.4	16,900	47.7	157.8	17,500	200
	210	38.9	156.2	14,500	41.6	152.2	15,100				210
	220	34.9	141.4	12,900	37.4	137.0	13,400				220
	230	30.3	123.9	11,400							230

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	41,100	70.1	241.2	39,500*	73.1	235.9	29,000*	120
	130	64.6	238.8	36,000	67.6	236.1	37,700	70.5	230.6	27,800*	130
	140	62.1	233.2	31,800	65.1	230.4	33,200	67.9	224.7	26,700*	140
	150	59.5	226.9	28,100	62.4	224.1	29,400	65.2	218.3	25,700*	150
	160	56.9	220.0	24,900	59.7	217.1	26,100	62.5	211.1	24,800*	160
	170	54.1	212.4	22,100	57.0	209.4	23,200	59.6	203.1	24,000*	170
	180	51.2	204.0	19,700	54.0	200.8	20,600	56.6	194.3	21,500	180
	190	48.3	194.7	17,500	51.0	191.3	18,400	53.4	184.4	19,100	190
	200	45.1	184.3	15,600	47.8	180.7	16,300	50.1	173.4	16,900	200
	210	41.7	172.6	13,800	44.3	168.8	14,400	46.5	160.9	15,000	210
	220	38.1	159.4	12,200	40.6	155.3	12,700				220
	230	34.1	144.3	10,700	36.5	139.6	11,200				230
	240	29.6	126.3	9,400							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	43,400	72.0	254.5	40,300*	75.0	249.1	30,000*	115
	120	68.0	254.9	40,500	70.9	252.2	39,800*	73.8	246.8	29,400*	120
	130	65.6	250.1	35,400	68.5	247.3	37,200	71.3	241.8	28,200*	130
	140	63.2	244.7	31,100	66.1	241.9	32,700	68.9	236.3	27,100*	140
	150	60.8	238.8	27,500	63.6	235.9	28,900	66.3	230.1	26,100*	150
	160	58.3	232.2	24,900	61.1	229.3	25,600	63.7	223.3	25,200*	160
	170	55.7	225.1	21,500	58.4	222.0	22,600	61.0	215.8	23,700	170
	180	53.0	217.2	19,100	55.7	214.0	20,100	58.2	207.5	21,000	180
	190	50.2	208.4	16,900	52.9	205.1	17,800	55.2	198.4	18,600	190
	200	47.3	198.8	14,900	49.9	195.3	15,700	52.1	188.2	16,400	200
	210	44.2	188.1	13,200	46.7	184.4	13,900	48.9	176.8	14,500	210
	220	40.9	176.1	11,600	43.4	172.2	12,200				220
	230	37.3	162.6	10,100	39.7	158.3	10,600				230
	240	33.4	147.0	8,800	35.7	142.2	9,200				240
	250	29.0	128.6	7,500							250

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	42,700	72.7	265.3	40,600*	75.5	259.9	30,400*	115
	120	68.8	265.9	39,800	71.6	263.2	40,100*	74.4	257.7	29,700*	120
	130	66.6	261.2	34,700	69.4	258.5	36,600	72.1	252.9	28,500*	130
	140	64.3	256.1	30,500	67.0	253.3	32,100	69.7	247.6	27,500*	140
	150	61.9	250.5	26,800	64.7	247.6	28,300	67.3	241.8	26,500*	150
	160	59.6	244.2	23,600	62.3	241.3	24,900	64.8	235.3	25,600*	160
	170	57.1	237.4	20,800	59.8	234.4	22,000	62.3	228.3	23,200	170
	180	54.6	230.0	18,400	57.2	226.8	19,400	59.6	220.5	20,500	180
	190	51.9	221.8	16,200	54.5	218.5	17,200	56.9	211.9	18,100	190
	200	49.2	212.8	14,200	51.7	209.4	15,100	54.0	202.4	15,900	200
	210	46.3	202.8	12,400	48.8	199.3	13,200	51.0	191.9	13,900	210
	220	43.3	191.8	10,800	45.7	188.0	11,500	47.7	180.2	12,100	220
	230	40.1	179.5	9,400	42.4	175.5	10,000				230
	240	36.6	165.6	8,000	38.9	161.2	8,600				240
	250	32.8	149.7	6,800	34.9	144.7	7,200				250
	260	28.4	130.9	5,700							260
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	45,500	74.4	278.1	41,300*	77.2	272.7	31,300*	110
	115	70.6	278.8	42,300	73.4	276.1	40,800*	76.1	270.7	30,700*	115
	120	69.6	276.7	39,400	72.3	274.0	40,400*	75.0	268.5	30,100*	120
	130	67.4	272.3	34,300	70.1	269.5	36,300	72.8	264.0	28,900*	130
	140	65.2	267.4	30,000	67.9	264.6	31,800	70.5	258.9	27,800*	140
	150	63.0	262.0	26,400	65.7	259.1	27,900	68.2	253.3	26,800*	150
	160	60.7	256.1	23,200	63.4	253.1	24,600	65.8	247.2	25,900*	160
	170	58.4	249.6	20,400	61.0	246.6	21,700	63.4	240.4	22,900	170
	180	56.0	242.5	17,900	58.5	239.4	19,100	60.9	233.1	20,200	180
	190	53.5	234.8	15,800	56.0	231.6	16,800	58.3	225.0	17,800	190
	200	50.9	226.3	13,800	53.4	223.0	14,700	55.6	216.1	15,600	200
	210	48.2	217.0	12,000	50.7	213.5	12,900	52.8	206.4	13,600	210
	220	45.4	206.8	10,400	47.8	203.1	11,200	49.8	195.6	11,800	220
	230	42.5	195.5	9,000	44.8	191.6	9,600	46.7	183.5	10,200	230
	240	39.3	182.9	7,700	41.6	178.7	8,200				240
	250	35.9	168.7	6,400	38.1	164.1	6,900				250
	260	32.1	152.4	5,300	34.2	147.2	5,700				260

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 0	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	44,900	75.0	288.7	41,500*	77.6	283.3	31,600*	110
	115	71.3	289.5	41,700	74.0	286.8	41,100*	76.6	281.3	31,000*	115
	120	70.3	287.6	38,800	72.9	284.8	40,600*	75.5	279.3	30,400*	120
	130	68.2	283.3	33,700	70.8	280.5	35,700	73.4	274.9	29,200*	130
	140	66.1	278.6	29,400	68.7	275.7	31,200	71.2	270.0	28,100*	140
	150	64.0	273.4	25,700	66.6	270.5	27,300	69.0	264.7	27,200*	150
	160	61.8	267.8	22,500	64.4	264.8	24,000	66.8	258.8	25,400	160
	170	59.6	261.6	19,700	62.1	258.6	21,100	64.5	252.4	22,400	170
	180	57.3	254.8	17,300	59.8	251.7	18,500	62.1	245.4	19,600	180
	190	54.9	247.5	15,100	57.4	244.3	16,200	59.6	237.8	17,200	190
	200	52.5	239.5	13,100	54.9	236.2	14,100	57.1	229.5	15,000	200
	210	50.0	230.8	11,300	52.4	227.3	12,300	54.5	220.3	13,100	210
2 3 0	220	47.4	221.2	9,700	49.7	217.6	10,600	51.7	210.2	11,300	220
	230	44.6	210.7	8,300	46.9	206.9	9,000	48.8	199.1	9,600	230
	240	41.7	199.1	7,000	43.9	195.1	7,600				240
	250	38.6	186.2	5,700	40.7	181.8	6,300				250
	260	35.2	171.6	4,600	37.3	166.9	5,100				260
	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	44,300	75.5	299.3	41,800*	78.1	293.8	31,900*	110
	115	71.9	300.2	41,100	74.5	297.5	41,300*	77.1	292.0	31,300*	115
	120	71.0	298.3	38,200	73.5	295.6	40,500	76.1	290.0	30,700*	120
	130	69.0	294.2	33,100	71.5	291.4	35,200	74.0	285.8	29,500*	130
	140	67.0	289.7	28,800	69.5	286.8	30,700	71.9	281.1	28,500*	140
	150	64.9	284.7	25,100	67.4	281.8	26,800	69.8	276.0	27,500*	150
	160	62.8	279.3	21,900	65.3	276.3	23,500	67.6	270.4	25,000	160
	170	60.7	273.4	19,100	63.1	270.4	20,500	65.4	264.3	21,900	170
	180	58.5	267.0	16,600	60.9	263.9	17,900	63.2	257.6	19,200	180
	190	56.3	260.0	14,400	58.6	256.8	15,600	60.8	250.3	16,700	190
	200	53.9	252.4	12,500	56.3	249.1	13,500	58.4	242.4	14,500	200
	210	51.6	244.1	10,700	53.9	240.7	11,700	56.0	233.8	12,600	210
	220	49.1	235.1	9,100	51.4	231.6	10,000	53.4	224.4	10,800	220
	230	46.5	225.3	7,700	48.8	221.6	8,400	50.6	214.0	9,100	230
	240	43.8	214.5	6,300	46.0	210.6	7,000	47.8	202.6	7,600	240
	250	40.9	202.6	5,100	43.1	198.5	5,700				250
	260	37.9	189.4	4,000	40.0	184.9	4,500				260

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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	47,200	76.9	311.5	42,400*	79.4	306.0	32,900*	105
	110	73.5	312.6	43,700	76.0	309.9	42,000*	78.5	304.3	32,200*	110
	115	72.5	310.9	40,500	75.0	308.1	41,500*	77.5	302.5	31,600*	115
	120	71.6	309.0	37,500	74.1	306.2	40,000	76.5	300.6	31,000*	120
	130	69.7	305.1	32,400	72.1	302.2	34,600	74.6	296.6	29,800*	130
	140	67.7	300.7	28,100	70.2	297.8	30,100	72.6	292.1	28,800*	140
	150	65.8	295.9	24,400	68.2	293.0	26,200	70.5	287.2	27,800*	150
	160	63.7	290.7	21,200	66.1	287.8	22,900	68.4	281.8	24,500	160
	170	61.7	285.1	18,400	64.1	282.0	19,900	66.3	275.9	21,400	170
	180	59.6	278.9	15,900	62.0	275.8	17,300	64.2	269.6	18,600	180
	190	57.5	272.2	13,700	59.8	269.1	15,000	61.9	262.7	16,200	190
	200	55.3	265.0	11,800	57.6	261.7	12,900	59.7	255.2	14,000	200
	210	53.0	257.2	10,000	55.3	253.8	11,000	57.3	247.0	12,000	210
	220	50.7	248.6	8,400	52.9	245.2	9,300	54.9	238.1	10,200	220
	230	48.2	239.4	6,900	50.4	235.8	7,800	52.3	228.4	8,500	230
	240	45.7	229.3	5,600	47.9	225.5	6,400	49.7	217.8	7,000	240
	250	43.1	218.2	4,400	45.2	214.2	5,100	46.8	206.1	5,600	250
250	75	80.3	332.5	51,600*							75
	80	79.4	331.4	50,900*							80
	85	78.5	330.3	50,200*							85
	90	77.6	329.0	49,500*	80.9	327.6	44,500*				90
	95	76.7	327.7	48,900*	80.1	326.3	44,000*				95
	100	75.8	326.2	48,300*	79.1	324.9	43,500*				100
	105	74.9	324.7	47,600	78.2	323.5	43,100*	80.7	318.0	33,800*	105
	110	74.0	323.1	44,000	77.3	322.0	42,600*	79.8	316.5	33,100*	110
	115	73.1	321.4	40,800	76.4	320.4	42,200*	78.8	314.8	32,500*	115
	120	72.2	319.7	37,900	75.5	318.7	41,700*	77.9	313.1	31,800*	120
	130	70.3	315.8	32,800	74.6	316.9	40,300	77.0	311.3	31,200*	130
	140	68.4	311.6	28,500	72.7	313.0	35,000	75.1	307.3	30,100*	140
	150	66.5	307.0	24,800	70.8	308.8	30,400	73.1	303.0	29,100*	150
	160	64.6	302.0	21,600	68.9	304.1	26,600	71.2	298.3	28,100*	160
	170	62.6	296.6	18,800	66.9	299.1	23,200	69.2	293.1	24,800	170
	180	60.6	290.7	16,300	65.0	293.6	20,300	67.2	287.5	21,700	180
	190	58.6	284.3	14,200	62.9	287.6	17,700	65.1	281.4	19,000	190
	200	56.5	277.4	12,200	60.9	281.2	15,400	63.0	274.8	16,600	200
	210	54.3	269.9	10,400	58.7	274.2	13,300	60.8	267.6	14,400	210
	220	52.1	261.8	8,800	56.5	266.6	11,500	58.5	259.9	12,400	220
	230	49.8	253.1	7,400	54.3	258.4	9,800	56.2	251.4	10,600	230
	240	47.4	243.6	6,000	52.0	249.5	8,200	53.8	242.3	9,000	240
	250	44.9	233.2	4,800	49.5	239.9	6,800	51.3	232.3	7,500	250
	260				47.0	229.3	5,500	48.7	221.4	6,100	260
					44.4	217.8	4,300	46.0	209.5	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

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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	23,400	49.0	158.4	23,200*	53.1	152.4	17,800*	180
	190	41.2	149.7	21,200	45.1	146.0	21,900	49.0	139.6	17,200*	190
140	200	36.9	135.8	19,300	40.7	131.6	19,900				200
	210	32.1	119.1	17,500	35.7	114.3	18,000				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
	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	25,100	54.7	183.0	24,500*	58.8	177.4	18,900*	170
	180	47.5	176.5	22,700	51.4	173.1	23,600	55.3	167.2	18,200*	180
	190	44.0	165.5	20,500	47.8	161.9	21,300	51.6	155.6	17,600*	190
150	200	40.2	153.1	18,600	43.9	149.1	19,200	47.5	142.3	17,100*	200
	210	36.0	138.7	16,800	39.6	134.3	17,400				210
	220	31.3	121.6	15,200	34.7	116.5	15,700				220
	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
	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	27,300	59.5	204.6	25,700*	63.5	199.1	20,000*	160
	170	52.7	199.5	24,500	56.5	196.4	24,900*	60.5	190.7	19,300*	170
	180	49.6	190.5	22,100	53.4	187.2	23,000	57.2	181.3	18,600*	180
	190	46.4	180.5	19,900	50.1	176.9	20,700	53.8	170.7	18,000*	190
230	200	43.0	169.2	17,900	46.6	165.4	18,700	50.2	158.7	17,400*	200
	210	39.3	156.4	16,200	42.8	152.2	16,800	46.2	145.0	16,900*	210
	220	35.2	141.6	14,600	38.6	136.9	15,100				220
	230	30.6	124.1	13,100	33.8	118.7	13,500				230

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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
	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	26,600	60.9	217.0	26,100*	64.8	211.4	20,400*	160
	170	54.4	212.5	23,800	58.1	209.3	25,000	61.9	203.6	19,600*	170
	180	51.6	204.1	21,300	55.2	200.8	22,400	58.9	194.8	18,900*	180
	190	48.6	194.8	19,200	52.1	191.3	20,100	55.8	185.1	18,300*	190
	200	45.4	184.4	17,200	48.9	180.7	18,100	52.4	174.1	17,700*	200
	210	42.1	172.7	15,500	45.5	168.8	16,200	48.9	161.8	17,000	210
	220	38.4	159.5	13,900	41.8	155.2	14,500	45.0	147.7	15,200	220
	230	34.5	144.4	12,400	37.7	139.5	12,900				230
	240	30.0	126.4	11,100							240
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*	80.0	265.6	34,100*				80
	85	76.2	268.2	38,000*	78.8	264.0	33,600*				85
	90	75.1	266.7	37,300*	77.7	262.3	33,000*				90
	95	74.0	265.0	36,700*	76.6	260.5	32,400*	80.7	255.3	26,900*	95
	100	72.8	263.2	36,100*	75.5	258.6	31,800*	79.5	253.4	26,500*	100
	105	71.7	261.3	35,500*	74.3	256.6	31,300*	78.4	251.3	25,900*	105
	110	70.6	259.3	34,900*	73.1	254.4	30,700*	77.2	249.1	25,300*	110
	115	69.4	257.2	34,300*	72.0	252.2	30,200*	76.0	246.9	24,600*	115
	120	68.3	255.0	33,800*	69.6	247.3	29,200*	73.6	241.9	23,500*	120
	130	65.9	250.1	32,500*	67.2	241.8	28,200*	71.1	236.4	22,500*	130
	140	63.5	244.8	31,400*	64.7	235.8	27,400*	68.6	230.3	21,600*	140
	150	61.1	238.8	29,400	62.2	229.2	26,500*	65.9	223.6	20,700*	150
	160	58.6	232.3	26,200	59.5	221.9	24,700	63.2	216.1	20,000*	160
	170	56.0	225.1	23,400	56.8	213.9	22,100	60.4	207.9	19,300*	170
	180	53.3	217.2	21,000	54.0	205.1	19,800	57.5	198.9	18,600*	180
	190	50.5	208.5	18,800	51.0	195.2	17,700	54.4	188.8	18,100*	190
	200	47.6	198.9	16,800	47.8	184.3	15,900	51.1	177.5	16,700	200
	210	44.5	188.2	15,100	44.5	172.1	14,200	47.6	164.8	14,900	210
	220	41.2	176.2	13,500	40.8	158.2	12,600				220
	230	37.6	162.7	12,000	36.8	142.1	11,200				230
	240	33.7	147.1	10,700							240
	250	29.3	128.8	9,500							250

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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
	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	28,700	65.7	247.5	27,700*	69.5	241.9	21,900*	150
	160	59.8	244.3	25,500	63.3	241.2	26,900*	67.0	235.5	21,100*	160
	170	57.4	237.5	22,700	60.8	234.3	24,100	64.4	228.5	20,300*	170
	180	54.9	230.0	20,300	58.2	226.7	21,500	61.8	220.7	19,600*	180
	190	52.2	221.9	18,100	55.6	218.4	19,200	59.0	212.2	19,000*	190
	200	49.5	212.9	16,100	52.8	209.3	17,100	56.1	202.8	18,200	200
	210	46.6	202.9	14,400	49.9	199.1	15,300	53.1	192.4	16,200	210
	220	43.6	191.9	12,800	46.8	187.9	13,600	49.9	180.8	14,400	220
	230	40.4	179.6	11,300	43.5	175.3	12,000	46.5	167.7	12,700	230
	240	36.9	165.7	10,000	39.9	161.1	10,600				240
	250	33.1	149.8	8,800	36.0	144.6	9,200				250
	260	28.7	131.1	7,600							260
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*	80.3	274.4	26,800*	105
	110	72.0	280.8	35,600*	75.5	278.0	31,800*	79.2	272.5	26,400*	110
	115	70.9	278.9	35,100*	74.4	276.0	31,300*	78.2	270.5	25,800*	115
	120	69.9	276.8	34,500*	73.3	273.9	30,800*	77.1	268.4	25,200*	120
	130	67.7	272.4	33,400*	71.1	269.4	29,800*	74.8	263.9	24,100*	130
	140	65.5	267.4	31,700	68.9	264.5	28,900*	72.6	258.8	23,100*	140
	150	63.3	262.1	28,100	66.7	259.0	28,100*	70.3	253.3	22,200*	150
	160	61.0	256.1	24,900	64.4	253.0	26,500	67.9	247.2	21,400*	160
	170	58.7	249.7	22,100	62.0	246.5	23,500	65.5	240.5	20,600*	170
	180	56.3	242.6	19,600	59.6	239.3	21,000	63.0	233.2	19,900*	180
	190	53.8	234.9	17,500	57.0	231.4	18,600	60.4	225.2	19,300*	190
	200	51.2	226.4	15,500	54.4	222.8	16,600	57.7	216.4	17,700	200
	210	48.5	217.1	13,700	51.7	213.4	14,700	54.9	206.7	15,700	210
	220	45.7	206.9	12,100	48.8	203.0	13,000	51.9	196.0	13,900	220
	230	42.8	195.6	10,700	45.8	191.4	11,400	48.8	184.1	12,200	230
	240	39.6	183.0	9,300	42.6	178.5	10,000	45.4	170.6	10,700	240
	250	36.2	168.8	8,100	39.1	163.9	8,700				250
	260	32.4	152.5	7,000	35.2	147.0	7,500				260
	270	28.2	133.3	5,900							270

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
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*	80.7	284.8	26,900*	105
	110	72.6	291.5	36,000*	76.0	288.6	32,100*	79.6	283.0	26,500*	110
	115	71.6	289.6	35,400*	74.9	286.7	31,600*	78.6	281.1	26,000*	115
	120	70.6	287.6	34,900*	73.9	284.7	31,100*	77.5	279.1	25,500*	120
	130	68.5	283.3	33,900*	71.8	280.4	30,100*	75.4	274.7	24,400*	130
	140	66.4	278.6	31,100	69.7	275.6	29,200*	73.2	269.9	23,400*	140
	150	64.3	273.5	27,400	67.5	270.4	28,400*	71.0	264.6	22,500*	150
	160	62.1	267.8	24,200	65.3	264.7	25,900	68.8	258.8	21,700*	160
	170	59.9	261.6	21,400	63.1	258.4	22,900	66.5	252.5	20,900*	170
	180	57.6	254.9	18,900	60.8	251.6	20,300	64.1	245.5	20,200*	180
	190	55.2	247.6	16,800	58.4	244.2	18,000	61.6	237.9	19,400	190
	200	52.8	239.6	14,800	55.9	236.0	16,000	59.1	229.6	17,200	200
	210	50.3	230.8	13,000	53.3	227.2	14,100	56.5	220.5	15,200	210
210	220	47.6	221.3	11,400	50.7	217.4	12,400	53.7	210.5	13,400	220
	230	44.9	210.8	10,000	47.9	206.7	10,800	50.8	199.5	11,700	230
	240	42.0	199.2	8,600	44.9	194.9	9,400	47.7	187.3	10,200	240
	250	38.9	186.2	7,400	41.7	181.6	8,100				250
	260	35.5	171.7	6,300	38.3	166.7	6,800				260
	270	31.8	155.1	5,200	34.4	149.4	5,700				270
	280	27.7	135.5	4,200							280
	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
	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	30,700	70.4	286.7	29,500*	73.8	280.9	23,700*	140
	150	65.2	284.8	27,000	68.3	281.7	28,700*	71.7	275.8	22,800*	150
	160	63.1	279.4	23,800	66.2	276.2	25,500	69.6	270.3	22,000*	160
220	170	61.0	273.4	21,000	64.1	270.2	22,600	67.4	264.2	21,200*	170
	180	58.8	267.0	18,500	61.9	263.7	20,000	65.1	257.6	20,500*	180
	190	56.5	260.0	16,300	59.6	256.6	17,700	62.8	250.4	19,100	190
	200	54.2	252.4	14,400	57.2	248.9	15,600	60.4	242.5	16,900	200
	210	51.8	244.2	12,600	54.8	240.5	13,700	57.9	233.9	14,900	210
	220	49.4	235.2	11,000	52.3	231.4	12,000	55.3	224.6	13,100	220
	230	46.8	225.4	9,600	49.7	221.4	10,500	52.6	214.3	11,400	230
	240	44.1	214.6	8,200	46.9	210.4	9,000	49.7	203.0	9,900	240
	250	41.2	202.7	7,000	44.0	198.2	7,700	46.7	190.4	8,500	250
	260	38.2	189.5	5,900	40.9	184.7	6,500				260
	270	34.9	174.6	4,800	37.5	169.4	5,400				270
	280				33.8	151.8	4,300				280

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 2 0	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
	130	69.9	305.1	34,300	73.0	302.1	30,700*	76.4	296.3	24,900*	130
	140	68.0	300.7	30,000	71.1	297.7	29,800*	74.4	291.8	23,900*	140
	150	66.0	296.0	26,300	69.1	292.9	28,400	72.4	286.9	23,000*	150
	160	64.0	290.8	23,100	67.1	287.6	25,000	70.3	281.6	22,200*	160
	170	62.0	285.1	20,300	65.0	281.9	22,000	68.2	275.8	21,500*	170
	180	59.9	279.0	17,900	62.9	275.6	19,400	66.0	269.5	20,800*	180
	190	57.7	272.3	15,700	60.7	268.9	17,100	63.8	262.6	18,600	190
	200	55.5	265.1	13,700	58.5	261.6	15,000	61.5	255.1	16,400	200
	210	53.3	257.2	11,900	56.2	253.6	13,100	59.2	247.0	14,400	210
	220	50.9	248.7	10,300	53.8	245.0	11,400	56.7	238.2	12,500	220
2 3 0	230	48.5	239.5	8,900	51.3	235.6	9,800	54.2	228.5	10,900	230
	240	46.0	229.4	7,500	48.8	225.3	8,400	51.5	218.0	9,300	240
	250	43.3	218.3	6,300	46.1	214.0	7,100	48.7	206.3	7,900	250
	260	40.5	206.1	5,200	43.2	201.6	5,900	45.7	193.5	6,600	260
	270	37.5	192.6	4,100	40.1	187.7	4,700				270
	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*	80.6	314.4	26,900*	110
	115	73.3	321.5	36,300*	76.4	318.5	32,300*	79.7	312.7	26,500*	115
	120	72.4	319.7	35,800*	75.5	316.7	31,800*	78.8	310.9	26,100*	120
	130	70.6	315.9	33,700	73.6	312.8	30,900*	76.9	307.0	25,100*	130
	140	68.7	311.7	29,400	71.7	308.6	30,100*	74.9	302.7	24,200*	140
	150	66.8	307.1	25,700	69.8	303.9	27,800	73.0	298.0	23,300*	150
	160	64.9	302.1	22,500	67.8	298.9	24,500	71.0	292.9	22,500*	160
	170	62.9	296.7	19,700	65.8	293.4	21,500	68.9	287.3	21,800*	170
	180	60.9	290.8	17,200	63.8	287.4	18,900	66.9	281.2	20,600	180
	190	58.8	284.4	15,000	61.7	281.0	16,500	64.8	274.6	18,100	190
	200	56.7	277.5	13,100	59.6	274.0	14,400	62.6	267.5	15,900	200
	210	54.6	270.0	11,300	57.4	266.4	12,600	60.3	259.8	13,900	210
	220	52.4	261.9	9,700	55.2	258.2	10,800	58.0	251.4	12,100	220
	230	50.1	253.2	8,200	52.8	249.3	9,300	55.6	242.3	10,400	230
	240	47.7	243.6	6,900	50.4	239.6	7,800	53.1	232.4	8,800	240
	250	45.2	233.3	5,700	47.9	229.1	6,500	50.5	221.6	7,400	250
	260	42.6	222.0	4,500	45.2	217.6	5,300	47.8	209.7	6,100	260
	270				42.4	204.8	4,200				270

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 4 0	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*	80.9	324.8	27,000*	110
	115	73.8	332.1	36,600*	76.8	329.0	32,500*	80.0	323.1	26,600*	115
	120	73.0	330.3	36,100*	75.9	327.3	32,000*	79.1	321.4	26,300*	120
	130	71.2	326.6	33,100	74.1	323.6	31,200*	77.3	317.6	25,300*	130
	140	69.4	322.6	28,800	72.3	319.5	30,300*	75.4	313.5	24,400*	140
	150	67.5	318.1	25,100	70.4	315.0	27,300	73.5	308.9	23,500*	150
	160	65.7	313.3	21,800	68.6	310.1	23,900	71.6	304.0	22,700*	160
	170	63.8	308.1	19,000	66.6	304.8	20,900	69.7	298.6	22,000*	170
	180	61.8	302.4	16,600	64.7	299.1	18,300	67.7	292.8	20,100	180
	190	59.9	296.3	14,400	62.7	292.9	15,900	65.6	286.5	17,600	190
	200	57.9	289.7	12,400	60.7	286.2	13,800	63.6	279.7	15,400	200
	210	55.8	282.5	10,600	58.6	278.9	11,900	61.4	272.4	13,400	210
	220	53.7	274.8	9,000	56.4	271.1	10,200	59.2	264.4	11,500	220
	230	51.5	266.5	7,500	54.2	262.7	8,700	56.9	255.8	9,800	230
	240	49.3	257.5	6,200	51.9	253.6	7,200	54.6	246.4	8,300	240
	250	46.9	247.8	5,000	49.5	243.7	5,900	52.1	236.3	6,900	250
	260				47.1	232.9	4,700	49.6	225.1	5,500	260
	270							46.8	213.0	4,300	270

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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
	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	12,800	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

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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
160	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	15,000	45.7	174.1	13,300*	49.4	165.4	12,300*	220
	230	37.7	162.9	13,500	42.1	160.5	12,800*	45.5	150.9	12,100*	230
	240	33.8	147.4	12,200	38.1	144.7	12,500*				240
	250	29.4	129.1	11,000	33.6	126.1	11,500				250
	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
	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	15,800	51.0	200.8	14,100*	54.8	192.8	12,900*	210
	220	43.6	192.1	14,200	47.9	189.8	13,600*	51.6	181.3	12,500*	220
	230	40.4	179.9	12,800	44.7	177.4	13,200*	48.1	168.2	12,200*	230
	240	36.9	166.0	11,500	41.1	163.4	12,200	44.4	153.3	12,000*	240
	250	33.1	150.1	10,200	37.2	147.3	10,900				250
	260	28.8	131.4	9,100	32.8	128.2	9,700				260

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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	17,200	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	13,800	49.9	204.7	13,900*	53.5	196.3	12,700*	220
	230	42.8	195.8	12,400	46.9	193.3	13,300	50.3	184.4	12,400*	230
	240	39.6	183.2	11,100	43.7	180.6	11,900	47.0	171.0	12,200*	240
	250	36.2	169.0	9,900	40.3	166.2	10,600				250
	260	32.5	152.8	8,700	36.4	149.7	9,400				260
	270	28.2	133.6	7,700	32.1	130.3	8,200				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
	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	18,400	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	14,700	54.3	228.6	14,800*	58.0	220.8	13,300*	210
	220	47.6	221.5	13,100	51.7	219.0	14,300*	55.2	210.8	12,900*	220
	230	44.9	211.0	11,700	48.9	208.4	12,700	52.3	199.8	12,600*	230
	240	42.0	199.4	10,400	46.0	196.8	11,300	49.2	187.5	12,100	240
	250	38.9	186.5	9,200	42.8	183.7	10,000	45.9	173.8	10,600	250
	260	35.5	172.0	8,000	39.4	169.0	8,800				260
	270	31.9	155.4	7,000	35.7	152.2	7,600				270
	280	27.7	135.9	6,000							280

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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	20,000	62.8	264.8	16,900*	66.5	257.7	14,800*	180
	190	56.5	260.2	17,800	60.5	257.8	16,300*	64.2	250.5	14,300*	190
	200	54.2	252.6	15,900	58.2	250.2	15,700*	61.8	242.7	13,900*	200
	210	51.8	244.4	14,100	55.8	241.9	15,100*	59.3	234.1	13,500*	210
	220	49.4	235.4	12,500	53.3	232.9	13,700	56.7	224.8	13,100*	220
	230	46.8	225.6	11,100	50.7	223.0	12,200	54.0	214.5	12,800*	230
	240	44.1	214.8	9,700	48.0	212.1	10,700	51.2	203.2	11,600	240
	250	41.2	202.9	8,500	45.1	200.2	9,400	48.1	190.6	10,200	250
	260	38.2	189.7	7,400	42.0	186.8	8,200	44.9	176.5	8,800	260
	270	34.9	174.9	6,400	38.6	171.8	7,100				270
	280	31.3	157.9	5,400	34.9	154.6	6,000				280
	290	27.2	138.0	4,500							290
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
	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	19,300	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	15,200	59.4	262.8	16,000*	62.9	255.2	14,100*	200
	210	53.3	257.4	13,400	57.1	254.9	14,800	60.5	247.1	13,700*	210
	220	50.9	248.9	11,800	54.7	246.3	13,100	58.1	238.3	13,300*	220
	230	48.5	239.7	10,400	52.3	237.0	11,600	55.6	228.7	12,600	230
	240	46.0	229.6	9,000	49.7	226.9	10,100	52.9	218.1	11,100	240
	250	43.3	218.5	7,800	47.1	215.8	8,800	50.1	206.5	9,600	250
	260	40.5	206.4	6,700	44.2	203.5	7,600	47.1	193.6	8,300	260
	270	37.5	192.9	5,600	41.2	189.9	6,400	43.9	179.2	7,100	270
	280	34.3	177.7	4,700	37.9	174.5	5,400				280
	290				34.3	156.9	4,400				290

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250

JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	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
	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	21,300	66.7	294.3	18,100*	70.3	287.3	15,600*	170
	180	60.9	290.9	18,900	64.7	288.4	17,400*	68.2	281.3	15,200*	180
	190	58.8	284.5	16,700	62.6	282.0	16,800*	66.1	274.7	14,700*	190
	200	56.7	277.6	14,700	60.5	275.1	16,200*	63.9	267.6	14,300*	200
	210	54.6	270.2	13,000	58.3	267.6	14,500	61.7	259.9	13,900*	210
	220	52.4	262.1	11,400	56.1	259.5	12,800	59.4	251.5	13,500*	220
220	230	50.1	253.3	9,900	53.8	250.7	11,200	57.0	242.4	12,300	230
	240	47.7	243.9	8,600	51.3	241.2	9,800	54.5	232.5	10,800	240
	250	45.2	233.5	7,400	48.8	230.7	8,400	51.9	221.7	9,300	250
	260	42.6	222.2	6,300	46.2	219.3	7,200	49.1	209.8	8,000	260
	270	39.8	209.8	5,200	43.4	206.8	6,100	46.2	196.6	6,800	270
	280	36.9	196.0	4,300	40.4	192.9	5,000				280
	290				37.2	177.2	4,000				290
	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
	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	20,700	67.5	305.7	18,400*	71.0	298.7	15,800*	170
230	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	16,000	63.5	293.9	17,100*	66.9	286.5	14,900*	190
	200	57.9	289.8	14,000	61.5	287.3	15,800	64.8	279.7	14,400*	200
	210	55.8	282.7	12,300	59.4	280.1	13,900	62.7	272.4	14,100*	210
	220	53.7	275.0	10,700	57.3	272.4	12,200	60.5	264.4	13,500	220
	230	51.5	266.7	9,200	55.1	264.0	10,600	58.2	255.8	11,800	230
	240	49.2	257.7	7,900	52.8	255.0	9,200	55.9	246.4	10,200	240
	250	46.9	248.0	6,700	50.4	245.2	7,800	53.4	236.3	8,800	250
	260	44.5	237.4	5,600	48.0	234.5	6,600	50.9	225.2	7,500	260
	270	41.9	225.8	4,500	45.4	222.9	5,500	48.1	213.0	6,300	270
280					42.6	210.0	4,400	45.2	199.5	5,100	280

MANITOWOC ENGINEERING CO.

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JIB NO. 132 WITH 20' STRUT ON
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167,000 LB. COUNTERWEIGHT
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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
2 3 0	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
	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	22,800	70.0	322.0	19,300*	73.5	315.0	16,500*	160
	170	64.6	319.6	20,000	68.2	317.0	18,600*	71.6	309.9	16,000*	170
	180	62.7	314.1	17,600	66.3	311.5	18,000*	69.7	304.3	15,500*	180
	190	60.8	308.2	15,400	64.4	305.6	17,300	67.7	298.2	15,000*	190
	200	58.9	301.9	13,400	62.5	299.3	15,200	65.7	291.7	14,600*	200
	210	56.9	295.1	11,700	60.5	292.4	13,300	63.7	284.7	14,200*	210
	220	54.9	287.7	10,100	58.4	285.0	11,600	61.6	277.1	13,000	220
	230	52.8	279.8	8,600	56.3	277.1	10,000	59.4	268.9	11,300	230
	240	50.7	271.2	7,300	54.2	268.5	8,600	57.2	260.0	9,800	240
	250	48.5	262.0	6,100	51.9	259.2	7,300	54.9	250.4	8,300	250
	260	46.2	252.0	4,900	49.6	249.2	6,100	52.4	240.0	7,000	260
	270				47.2	238.2	4,900	49.9	228.6	5,800	270
	280							47.2	216.1	4,600	280