

MANITOWOC CRANES, INC.

Manitowoc, Wisconsin 54220 U. S. A.



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7654-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADI I ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 85% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 4,425 LB. MINIMUM BLOCK WEIGHT WITH 4 PART HOIST LINE REEVING ON 40' JIB AND 3 PART ON 60' JIB.

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 RADI I WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP AND OUTRIGGERS FULLY SPREAD AND SET. REFER TO BOOM RIGGING NO. 174247, JIB ASSEMBLY NO. 170429, NO. 173165 OR NO. 172693, WIRE ROPE SPECIFICATION CHART NO. 7632-B, AND OPERATING RANGE DIAGRAM CHART NO. 7636-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

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

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

MACHINE EQUIPPED WITH MANITOWOC 16 X 8 CARRIER, 390" WHEELBASE, 102-3/4" FRONT AXLE TRACK, 102-3/4" REAR AXLE TRACK, 14.00 X 25 TIRES, 184-1/2" OUTRIGGERS, 28' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS, AND 177,600 LB. COUNTERWEIGHT.

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

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY MPH	BOOM LENGTH FEET	JIB LENGTH FEET
30	190 - 210	---
25	220 - 250	---
20	260 - 320	---
25	190 - 210	40 - 80
20	220 - 270	40 - 60
20	220 - 250	80
25	190 - 200	100 - 120
20	210 - 250	100 - 120
15	260 - 270	80 - 100
15	260	120

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER SIDE OR REAR ON SPREAD OUTRIGGERS	
BOOM LGTH.	JIB NO. 132
320'	---
310'	---
300'	---
290'	---
280'	---
270'	100'
260'	120'
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. UPPER BOOM POINT CANNOT BE USED ON 320' BOOM.	



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40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	45	81.3	238.4	100,000*b							45
	50	80.1	237.5	98,000*b							50
	55	78.8	236.5	94,500*b	80.6	235.3	75,500*b				55
	60	77.6	235.3	91,100*b	79.4	234.1	73,600*b				60
	65	76.3	234.1	88,100*b	78.1	232.9	71,800*b	79.9	230.2	57,000*	65
	70	75.0	232.7	85,300*b	76.8	231.5	70,100*b	78.6	228.8	56,100*	70
	75	73.7	231.3	82,600*b	75.5	230.0	68,600*b	77.3	227.3	54,800*	75
	80	72.4	229.7	80,200*b	74.2	228.4	67,100*	76.0	225.6	53,400*	80
	85	71.1	227.9	77,900*b	72.9	226.7	65,700*	74.6	223.9	52,000*	85
	90	69.8	226.1	75,800*b	71.6	224.8	64,400*	73.3	222.0	50,800*	90
	95	68.5	224.1	73,800*b	70.2	222.8	63,100*	71.9	219.9	49,600*	95
	100	67.1	221.9	71,900*b	68.9	220.7	62,000*	70.6	217.8	48,500*	100
	105	65.8	219.7	70,200*b	67.5	218.4	60,800*	69.2	215.5	47,400*	105
	110	64.4	217.2	68,500*b	66.1	215.9	59,800*	67.8	213.0	46,400*	110
	115	63.0	214.7	64,200	64.7	213.4	58,800*	66.4	210.4	45,500*	115
	120	61.6	212.0	60,200	63.3	210.6	57,900*	64.9	207.6	44,600*	120
	125	60.2	209.1	56,600	61.9	207.7	57,000*	63.5	204.6	43,700*	125
	130	58.8	206.0	53,300	60.4	204.6	54,200	62.0	201.5	42,900*	130
	140	55.8	199.4	47,500	57.4	197.9	48,200	59.0	194.7	41,400*	140
	150	52.7	191.9	42,500	54.3	190.4	43,200	55.8	187.1	40,100*	150
	160	49.5	183.6	38,300	51.1	182.0	38,800	52.5	178.5	38,900*	160
170	46.1	174.3	34,500	47.7	172.6	35,000	49.0	168.9	35,500	170	
180	42.5	163.7	31,300	44.1	161.9	31,700	45.3	157.9	32,000	180	
190	38.7	151.7	28,400	40.2	149.7	28,700				190	
200	34.4	137.7	25,800	35.9	135.6	26,100				200	
210	29.7	121.2	23,400							210	
200	50	80.5	247.7	99,300*b							50
	55	79.3	246.7	95,700*b							55
	60	78.1	245.6	92,500*b	79.8	244.4	74,200*b				60
	65	76.9	244.4	89,400*b	78.6	243.2	72,500*b	80.3	240.5	57,300*	65
	70	75.7	243.1	86,600*b	77.4	241.9	70,800*b	79.1	239.1	56,400*	70
	75	74.4	241.7	84,000*b	76.1	240.5	69,300*b	77.8	237.7	55,500*	75
	80	73.2	240.2	81,600*b	74.9	238.9	67,800*	76.6	236.1	54,100*	80
	85	71.9	238.5	79,300*b	73.6	237.3	66,500*	75.3	234.5	52,700*	85
	90	70.7	236.7	77,200*b	72.4	235.5	65,100*	74.0	232.7	51,500*	90
	95	69.4	234.8	75,200*b	71.1	233.6	63,900*	72.7	230.7	50,300*	95
	100	68.1	232.8	73,300*b	69.8	231.5	62,700*	71.4	228.7	49,200*	100
	105	66.9	230.7	71,500*b	68.5	229.4	61,600*	70.1	226.5	48,100*	105
	110	65.6	228.4	67,900b	67.2	227.1	60,600*	68.8	224.1	47,100*	110
	115	64.2	225.9	63,500b	65.9	224.6	59,600*	67.5	221.6	46,200*	115
	120	62.9	223.3	59,500	64.5	222.0	58,700*	66.1	219.0	45,300*	120
	125	61.6	220.6	55,900	63.2	219.3	56,800	64.7	216.2	44,400*	125
	130	60.2	217.7	52,600	61.8	216.4	53,500	63.3	213.3	43,600*	130
140	57.4	211.5	46,700	59.0	210.1	47,500	60.5	206.9	42,100*	140	
150	54.5	204.5	41,800	56.1	203.0	42,500	57.5	199.7	40,800*	150	
160	51.5	196.7	37,500	53.1	195.2	38,100	54.4	191.7	38,700	160	
170	48.4	188.1	33,800	49.9	186.5	34,300	51.2	182.8	34,800	170	
180	45.1	178.4	30,500	46.6	176.7	31,000	47.8	172.8	31,300	180	
190	41.6	167.4	27,600	43.0	165.6	28,000	44.2	161.5	28,300	190	
200	37.8	155.0	25,000	39.2	153.1	25,300				200	
210	33.7	140.7	22,600	35.0	138.5	22,900				210	
220	29.0	123.7	20,500							220	



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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
210	50	80.9	257.8	99,900*b							50
	55	79.7	256.9	96,900*b							55
	60	78.6	255.9	93,700*b	80.2	254.6	74,800*b				60
	65	77.4	254.7	90,700*b	79.1	253.5	73,100*b	80.7	250.7	57,500*	65
	70	76.2	253.5	87,900*b	77.9	252.2	71,500*b	79.5	249.5	56,700*	70
	75	75.1	252.1	85,300*b	76.7	250.9	70,000*b	78.3	248.1	55,900*	75
	80	73.9	250.6	82,900*b	75.5	249.4	68,500*b	77.1	246.6	54,700*	80
	85	72.7	249.1	80,600*b	74.3	247.8	67,200*	75.9	245.0	53,400*	85
	90	71.5	247.4	78,500*b	73.1	246.1	65,900*	74.7	243.3	52,100*	90
	95	70.3	245.6	76,500*b	71.9	244.3	64,700*	73.5	241.4	51,000*	95
	100	69.1	243.6	74,600*b	70.7	242.3	63,500*	72.2	239.5	49,900*	100
	105	67.8	241.6	72,300b	69.4	240.3	62,400*	71.0	237.4	48,800*	105
	110	66.6	239.4	67,400b	68.2	238.1	61,400*	69.7	235.1	47,800*	110
	115	65.3	237.1	63,000b	66.9	235.7	60,400*	68.4	232.8	46,900*	115
	120	64.1	234.6	59,000b	65.6	233.3	59,400*	67.2	230.3	46,000*	120
	125	62.8	232.0	55,300	64.4	230.7	56,400	65.8	227.6	45,100*	125
	130	61.5	229.3	52,000	63.1	227.9	53,000	64.5	224.8	44,300*	130
	140	58.9	223.4	46,200	60.4	222.0	47,100	61.8	218.8	42,800*	140
	150	56.1	216.8	41,200	57.7	215.3	42,000	59.0	212.1	41,500*	150
	160	53.3	209.5	37,000	54.8	208.0	37,600	56.2	204.6	38,200	160
	170	50.4	201.4	33,200	51.9	199.8	33,800	53.2	196.3	34,300	170
	180	47.3	192.4	29,900	48.8	190.8	30,500	50.0	187.1	30,900	180
	190	44.1	182.4	27,000	45.5	180.7	27,500	46.7	176.7	27,900	190
200	40.7	171.1	24,400	42.1	169.3	24,800	43.2	165.0	25,100	200	
210	37.0	158.3	22,100	38.4	156.3	22,400				210	
220	33.0	143.6	20,000	34.2	141.4	20,300				220	
230	28.4	126.2	18,100							230	
220	55	80.1	267.1	90,000b							55
	60	79.0	266.1	90,000*b	80.6	264.9	75,400*b				60
	65	77.9	265.0	90,000*b	79.5	263.8	73,700*b				65
	70	76.8	263.8	89,100*b	78.4	262.6	72,100*b	80.0	259.8	57,000*	70
	75	75.6	262.5	86,600*b	77.2	261.2	70,600*b	78.8	258.5	56,200*	75
	80	74.5	261.1	84,200*b	76.1	259.8	69,200*b	77.6	257.0	55,300*	80
	85	73.4	259.6	81,900*b	74.9	258.3	67,900*	76.5	255.5	54,000*	85
	90	72.2	257.9	79,800*b	73.8	256.7	66,600*	75.3	253.8	52,800*	90
	95	71.1	256.2	77,800*b	72.6	254.9	65,400*	74.1	252.1	51,600*	95
	100	69.9	254.4	75,900*b	71.4	253.1	64,200*	73.0	250.2	50,500*	100
	105	68.7	252.4	71,600b	70.3	251.1	63,100*	71.8	248.2	49,500*	105
	110	67.5	250.3	66,700b	69.1	249.0	62,100*	70.6	246.1	48,500*	110
	115	66.3	248.1	62,200b	67.9	246.8	61,100*	69.3	243.8	47,600*	115
	120	65.1	245.7	58,200b	66.7	244.4	59,400	68.1	241.4	46,700*	120
	125	63.9	243.3	54,600b	65.4	241.9	55,700	66.9	238.9	45,800*	125
	130	62.7	240.7	51,300	64.2	239.3	52,300	65.6	236.3	45,000*	130
	140	60.2	235.1	45,400	61.7	233.7	46,400	63.1	230.5	43,500*	140
	150	57.6	228.8	40,500	59.1	227.4	41,300	60.4	224.2	42,000	150
	160	55.0	222.0	36,200	56.4	220.5	36,900	57.7	217.1	37,600	160
	170	52.2	214.4	32,400	53.6	212.8	33,100	54.9	209.4	33,700	170
	180	49.4	206.0	29,200	50.8	204.4	29,700	52.0	200.7	30,200	180
	190	46.4	196.7	26,300	47.8	195.0	26,800	48.9	191.2	27,200	190
	200	43.2	186.3	23,700	44.6	184.5	24,100	45.7	180.5	24,400	200
210	39.9	174.7	21,300	41.2	172.8	21,700				210	
220	36.3	161.6	19,200	37.5	159.5	19,500				220	
230	32.3	146.4	17,300	33.5	144.2	17,600				230	
240	27.8	128.6	15,600							240	



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BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
2 3 0	55	80.5	277.2	90,000*b							55
	60	79.4	276.3	90,000*b	81.0	275.1	75,900*b				60
	65	78.4	275.2	90,000*b	79.9	274.0	74,300*b				65
	70	77.3	274.1	90,000*b	78.8	272.8	72,700*b	80.3	270.1	57,200*	70
	75	76.2	272.8	87,700*b	77.7	271.6	71,200*b	79.2	268.8	56,500*	75
	80	75.1	271.5	85,300*b	76.6	270.2	69,800*b	78.1	267.4	55,700*	80
	85	74.0	270.0	83,100*b	75.5	268.8	68,500*b	77.0	265.9	54,600*	85
	90	72.9	268.5	81,000*b	74.4	267.2	67,200*	75.9	264.4	53,400*	90
	95	71.8	266.8	79,000*b	73.3	265.5	66,000*	74.8	262.7	52,200*	95
	100	70.7	265.0	76,400b	72.2	263.7	64,900*	73.6	260.9	51,200*	100
	105	69.5	263.1	70,900b	71.0	261.9	63,800*	72.5	258.9	50,100*	105
	110	68.4	261.1	66,000b	69.9	259.8	62,800*	71.3	256.9	49,100*	110
	115	67.3	259.0	61,600b	68.7	257.7	61,800*	70.2	254.8	48,200*	115
	120	66.1	256.8	57,600b	67.6	255.5	58,800	69.0	252.5	47,300*	120
	125	65.0	254.4	53,900b	66.4	253.1	55,100	67.8	250.1	46,500*	125
	130	63.8	252.0	50,600b	65.2	250.6	51,700	66.6	247.6	45,700*	130
	140	61.4	246.6	44,800	62.8	245.2	45,700	64.2	242.1	44,200*	140
	150	58.9	240.7	39,800	60.4	239.3	40,600	61.7	236.1	41,400	150
	160	56.4	234.2	35,500	57.8	232.7	36,300	59.1	229.4	37,000	160
	170	53.8	227.0	31,700	55.2	225.5	32,400	56.5	222.1	33,100	170
	180	51.2	219.1	28,500	52.5	217.6	29,100	53.7	214.0	29,600	180
	190	48.4	210.4	25,600	49.7	208.8	26,100	50.9	205.1	26,600	190
	200	45.4	200.8	23,000	46.8	199.1	23,400	47.9	195.2	23,800	200
	210	42.4	190.1	20,600	43.7	188.3	21,000	44.7	184.2	21,400	210
	220	39.1	178.2	18,500	40.4	176.3	18,900				220
230	35.6	164.7	16,600	36.8	162.6	16,900				230	
240	31.7	149.2	14,900	32.8	146.9	15,100				240	
250	27.3	131.0	13,300							250	
2 4 0	55	80.8	287.4	90,000*b							55
	60	79.8	286.5	90,000*b							60
	65	78.8	285.5	90,000*b	80.2	284.2	74,800*b				65
	70	77.7	284.4	90,000*b	79.2	283.1	73,300*b	80.7	280.3	57,500*	70
	75	76.7	283.1	88,900*b	78.2	281.9	71,800*b	79.6	279.1	56,700*	75
	80	75.6	281.8	86,500*b	77.1	280.6	70,400*b	78.6	277.8	56,000*	80
	85	74.6	280.5	84,300*b	76.0	279.2	69,100*b	77.5	276.4	55,100*	85
	90	73.5	279.0	82,200*b	75.0	277.7	67,900*	76.4	274.8	53,900*	90
	95	72.5	277.4	80,200*b	73.9	276.1	66,700*	75.3	273.2	52,800*	95
	100	71.4	275.6	75,700b	72.8	274.4	65,600*	74.2	271.5	51,700*	100
	105	70.3	273.8	70,200b	71.7	272.5	64,500*	73.1	269.6	50,700*	105
	110	69.2	271.9	65,300b	70.6	270.6	63,500*	72.0	267.7	49,700*	110
	115	68.1	269.9	60,800b	69.5	268.6	62,200	70.9	265.6	48,800*	115
	120	67.0	267.8	56,800b	68.4	266.4	58,100	69.8	263.5	47,900*	120
	125	65.9	265.5	53,200b	67.3	264.2	54,400	68.7	261.2	47,100*	125
	130	64.8	263.1	49,800b	66.2	261.8	51,000	67.5	258.7	46,300*	130
	140	62.5	258.0	44,000	63.9	256.6	45,000	65.2	253.5	44,800*	140
	150	60.2	252.4	39,000	61.5	251.0	39,900	62.8	247.8	40,800	150
	160	57.8	246.2	34,700	59.1	244.7	35,500	60.4	241.5	36,300	160
	170	55.3	239.4	31,000	56.7	237.9	31,700	57.9	234.5	32,400	170
	180	52.8	231.9	27,700	54.1	230.4	28,300	55.3	226.9	28,900	180
	190	50.2	223.8	24,800	51.5	222.2	25,300	52.6	218.6	25,900	190
	200	47.4	214.8	22,200	48.7	213.1	22,700	49.8	209.3	23,100	200
	210	44.6	204.9	19,800	45.8	203.1	20,300	46.9	199.2	20,700	210
	220	41.6	193.9	17,700	42.8	192.0	18,100	43.8	187.8	18,400	220
230	38.4	181.7	15,800	39.6	179.7	16,200				230	
240	34.9	167.8	14,100	36.0	165.7	14,300				240	
250	31.1	152.0	12,500	32.2	149.6	12,700				250	
260	26.8	133.3	11,000							260	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	60	80.2	296.6	90,000* ^b							60
	65	79.2	295.7	90,000* ^b	80.6	294.4	75,300* ^b				65
	70	78.2	294.6	90,000* ^b	79.6	293.4	73,800* ^b				70
	75	77.2	293.4	90,000* ^b	78.6	292.2	72,400* ^b	80.0	289.4	57,000*	75
	80	76.1	292.2	87,600* ^b	77.6	290.9	71,000* ^b	79.0	288.1	56,300*	80
	85	75.1	290.8	85,400* ^b	76.5	289.6	69,700* ^b	77.9	286.7	55,600*	85
	90	74.1	289.4	83,300* ^b	75.5	288.1	68,500* ^b	76.9	285.3	54,500*	90
	95	73.1	287.9	81,300* ^b	74.5	286.6	67,300*	75.9	283.7	53,400*	95
	100	72.0	286.2	75,400 ^b	73.4	284.9	66,200*	74.8	282.0	52,300*	100
	105	71.0	284.5	69,900 ^b	72.4	283.2	65,100*	73.8	280.3	51,300*	105
	110	70.0	282.6	65,000 ^b	71.3	281.3	64,100*	72.7	278.4	50,300*	110
	115	68.9	280.7	60,500 ^b	70.3	279.4	61,900	71.6	276.4	49,400*	115
	120	67.8	278.6	56,500 ^b	69.2	277.3	57,800	70.6	274.3	48,500*	120
	125	66.8	276.5	52,900 ^b	68.1	275.1	54,100	69.5	272.1	47,700*	125
	130	65.7	274.2	49,600 ^b	67.1	272.9	50,700	68.4	269.8	46,900*	130
	140	63.5	269.3	43,700	64.9	267.9	44,700	66.2	264.8	45,400*	140
	150	61.3	263.9	38,700	62.6	262.5	39,600	63.9	259.4	40,500	150
	160	59.0	258.0	34,400	60.3	256.6	35,300	61.6	253.4	36,000	160
	170	56.7	251.6	30,700	58.0	250.1	31,400	59.2	246.8	32,100	170
	180	54.3	244.5	27,400	55.6	243.0	28,100	56.7	239.6	28,700	180
	190	51.8	236.8	24,500	53.1	235.2	25,100	54.2	231.7	25,600	190
	200	49.2	228.3	21,900	50.5	226.7	22,400	51.6	223.0	22,900	200
	210	46.6	219.1	19,500	47.8	217.4	20,000	48.8	213.5	20,400	210
	220	43.8	208.9	17,400	45.0	207.1	17,900	45.9	203.0	18,200	220
	230	40.8	197.6	15,500	42.0	195.7	15,900				230
	240	37.7	185.0	13,800	38.8	183.0	14,100				240
	250	34.3	170.9	12,200	35.4	168.7	12,400				250
260	30.5	154.7	10,700	31.6	152.2	10,900				260	
270	26.3	135.6	9,300							270	
260	60	80.5	306.8	90,000* ^b							60
	65	79.5	305.9	90,000* ^b	80.9	304.6	75,800* ^b				65
	70	78.6	304.8	90,000* ^b	79.9	303.6	74,300* ^b				70
	75	77.6	303.7	90,000* ^b	79.0	302.5	72,900* ^b	80.3	299.6	57,200*	75
	80	76.6	302.5	88,700* ^b	78.0	301.3	71,500* ^b	79.4	298.4	56,500*	80
	85	75.6	301.2	86,500* ^b	77.0	299.9	70,300* ^b	78.4	297.1	55,900*	85
	90	74.6	299.8	84,400* ^b	76.0	298.6	69,100* ^b	77.4	295.7	55,000*	90
	95	73.7	298.3	80,900 ^b	75.0	297.1	67,900*	76.4	294.2	53,900*	95
	100	72.7	296.8	74,700 ^b	74.0	295.5	66,800*	75.3	292.6	52,900*	100
	105	71.7	295.1	69,200 ^b	73.0	293.8	65,700*	74.3	290.9	51,900*	105
	110	70.7	293.3	64,300 ^b	72.0	292.0	64,700*	73.3	289.1	50,900*	110
	115	69.6	291.4	59,800 ^b	71.0	290.1	61,300	72.3	287.2	50,000*	115
	120	68.6	289.5	55,800 ^b	70.0	288.1	57,200	71.2	285.2	49,100*	120
	125	67.6	287.4	52,100 ^b	68.9	286.1	53,400	70.2	283.1	48,300*	125
	130	66.6	285.2	48,800 ^b	67.9	283.9	50,000	69.2	280.8	47,500*	130
	140	64.5	280.5	42,900 ^b	65.8	279.1	44,000	67.0	276.1	45,100	140
	150	62.3	275.3	38,000	63.6	273.9	38,900	64.9	270.8	39,900	150
	160	60.2	269.7	33,600	61.4	268.3	34,500	62.6	265.1	35,400	160
	170	57.9	263.5	29,900	59.2	262.1	30,700	60.4	258.8	31,500	170
	180	55.6	256.8	26,600	56.9	255.3	27,300	58.0	251.9	28,000	180
	190	53.3	249.5	23,700	54.5	247.9	24,300	55.6	244.5	24,900	190
	200	50.9	241.5	21,100	52.1	239.9	21,700	53.2	236.3	22,200	200
	210	48.3	232.8	18,700	49.6	231.1	19,300	50.6	227.4	19,700	210
	220	45.7	223.2	16,600	46.9	221.5	17,100	47.9	217.6	17,500	220
	230	43.0	212.8	14,700	44.2	210.9	15,100	45.1	206.8	15,500	230
	240	40.1	201.2	13,000	41.2	199.3	13,300				240
	250	37.0	188.3	11,400	38.1	186.3	11,700				250
260	33.7	173.9	9,900	34.7	171.6	10,200				260	
270	30.0	157.3	8,500							270	
280	25.8	137.9	7,100*							280	

MANITOWOC CRANES, INC.

Manitowoc, Wisconsin 54220 U. S. A.



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
270	60	80.8	317.0	90,000*b							60
	65	79.9	316.1	89,200*b							65
	70	78.9	315.1	88,300*b	80.3	313.8	74,700*b				70
	75	78.0	314.0	87,500*b	79.3	312.7	73,400*b	80.7	309.9	57,400*	75
	80	77.0	312.8	86,700*b	78.4	311.5	72,000*b	79.7	308.7	56,800*	80
	85	76.1	311.6	85,900*b	77.4	310.3	70,800*b	78.7	307.4	56,100*	85
	90	75.1	310.2	85,200*b	76.5	308.9	69,600*b	77.8	306.1	55,500*	90
	95	74.2	308.8	80,300b	75.5	307.5	68,400*b	76.8	304.6	54,400*	95
	100	73.2	307.3	74,000b	74.5	306.0	67,400*	75.8	303.1	53,400*	100
	105	72.3	305.6	68,500b	73.6	304.3	66,300*	74.9	301.4	52,400*	105
	110	71.3	303.9	63,600b	72.6	302.6	65,200	73.9	299.7	51,400*	110
	115	70.3	302.1	59,100b	71.6	300.8	60,700	72.9	297.9	50,500*	115
	120	69.3	300.2	55,100b	70.6	298.9	56,500	71.9	295.9	49,600*	120
	125	68.4	298.2	51,500b	69.6	296.9	52,800	70.9	293.9	48,800*	125
	130	67.4	296.1	48,100b	68.6	294.8	49,400	69.9	291.8	48,000*	130
	140	65.3	291.6	42,300b	66.6	290.2	43,400	67.8	287.2	44,500	140
	150	63.3	286.6	37,300	64.6	285.3	38,300	65.8	282.1	39,300	150
	160	61.2	281.2	32,900	62.5	279.8	33,900	63.6	276.6	34,800	160
	170	59.1	275.3	29,200	60.3	273.9	30,000	61.5	270.6	30,800	170
	180	56.9	268.9	25,900	58.1	267.5	26,700	59.2	264.1	27,400	180
	190	54.7	262.0	23,000	55.9	260.4	23,700	57.0	257.0	24,300	190
	200	52.4	254.4	20,400	53.6	252.8	21,000	54.6	249.3	21,600	200
	210	50.0	246.1	18,000	51.2	244.5	18,600	52.2	240.8	19,100	210
	220	47.5	237.2	15,900	48.7	235.5	16,400	49.7	231.6	16,900	220
	230	44.9	227.3	14,000	46.1	225.6	14,500	47.0	221.6	14,800	230
	240	42.2	216.6	12,300	43.4	214.7	12,700	44.2	210.5	13,000	240
	250	39.4	204.7	10,700	40.5	202.8	11,000				250
	260	36.4	191.6	9,200	37.4	189.5	9,500				260
	270	33.1	176.8	7,800	34.1	174.5	8,100				270
280	29.5	159.9	6,600							280	
290	25.4	140.1	5,000*							290	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
190	55	80.8	256.6	73,500* ^b							55
	60	79.6	255.5	72,300* ^b							60
	65	78.4	254.4	71,100*	80.9	252.3	59,800*				65
	70	77.3	253.2	70,000*	79.7	251.1	59,100*				70
	75	76.1	251.8	68,900*	78.5	249.7	58,400*				75
	80	74.9	250.3	67,900*	77.3	248.2	57,700*	79.8	243.9	39,900*	80
	85	73.7	248.8	66,900*	76.1	246.6	57,100*	78.6	242.3	38,900*	85
	90	72.5	247.1	66,000*	74.9	244.9	56,500*	77.3	240.6	38,000*	90
	95	71.3	245.2	65,100*	73.7	243.1	55,900*	76.1	238.7	37,100*	95
	100	70.1	243.3	64,200*	72.5	241.1	55,400*	74.8	236.7	36,200*	100
	105	68.9	241.2	63,300*	71.2	239.0	54,900*	73.6	234.6	35,500*	105
	110	67.6	239.0	62,500*	70.0	236.8	54,400*	72.3	232.3	34,700*	110
	115	66.4	236.7	61,700*	68.7	234.5	53,900*	71.0	229.9	34,000*	115
	120	65.1	234.3	61,000*	67.4	232.0	52,100*	69.7	227.4	33,300*	120
	125	63.8	231.7	57,800	66.1	229.4	50,700*	68.4	224.7	32,700*	125
	130	62.5	228.9	54,500	64.8	226.6	49,500*	67.0	221.9	32,100*	130
	140	59.9	223.0	48,600	62.1	220.6	47,100*	64.3	215.8	30,900*	140
	150	57.1	216.4	43,600	59.4	214.0	44,600	61.5	209.0	29,900*	150
	160	54.3	209.1	39,300	56.5	206.6	40,100	58.5	201.4	29,000*	160
	170	51.4	201.0	35,500	53.6	198.4	36,300	55.5	192.9	28,200*	170
	180	48.3	192.0	32,200	50.5	189.2	32,900	52.3	183.5	27,400*	180
	190	45.1	182.0	29,300	47.2	179.0	29,800	48.9	172.9	26,800*	190
	200	41.7	170.7	26,600	43.7	167.5	27,100				200
210	38.0	157.8	24,300	39.9	154.4	24,700				210	
220	33.9	143.0	22,100	35.7	139.2	22,500				220	
230	29.3	125.5	20,200							230	
200	60	80.0	265.8	72,700* ^b							60
	65	78.9	264.7	71,600*							65
	70	77.8	263.5	70,500*	80.1	261.4	59,300*				70
	75	76.6	262.2	69,400*	79.0	260.1	58,600*				75
	80	75.5	260.8	68,400*	77.8	258.6	58,000*	80.2	254.3	40,200*	80
	85	74.4	259.2	67,400*	76.7	257.1	57,400*	79.0	252.8	39,300*	85
	90	73.2	257.6	66,500*	75.5	255.5	56,800*	77.8	251.1	38,400*	90
	95	72.1	255.9	65,600*	74.4	253.7	56,200*	76.7	249.3	37,500*	95
	100	70.9	254.0	64,700*	73.2	251.8	55,700*	75.5	247.4	36,700*	100
	105	69.7	252.1	63,900*	72.0	249.9	55,200*	74.2	245.4	35,900*	105
	110	68.5	250.0	63,100*	70.8	247.7	54,700*	73.0	243.2	35,100*	110
	115	67.3	247.8	62,300*	69.6	245.5	54,200*	71.8	241.0	34,400*	115
	120	66.1	245.4	60,800*	68.4	243.1	53,100*	70.5	238.5	33,800*	120
	125	64.9	242.9	57,100	67.1	240.7	51,800*	69.3	236.0	33,100*	125
	130	63.7	240.3	53,800	65.9	238.0	50,500*	68.0	233.3	32,500*	130
	140	61.2	234.7	47,900	63.3	232.3	48,200*	65.4	227.5	31,400*	140
	150	58.6	228.5	42,900	60.7	226.0	43,900	62.8	221.1	30,400*	150
	160	55.9	221.6	38,500	58.1	219.1	39,500	60.0	213.9	29,500*	160
	170	53.2	214.0	34,800	55.3	211.4	35,600	57.1	206.0	28,600*	170
	180	50.3	205.6	31,400	52.4	202.8	32,200	54.2	197.2	27,900*	180
	190	47.3	196.2	28,500	49.3	193.4	29,100	51.0	187.5	27,200*	190
	200	44.2	185.9	25,900	46.1	182.8	26,400	47.7	176.6	26,600*	200
	210	40.8	174.2	23,500	42.7	171.0	24,000				210
220	37.2	161.0	21,400	39.0	157.5	21,800				220	
230	33.2	145.9	19,400	34.9	141.9	19,800				230	
240	28.7	127.9	17,700							240	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
210	60	80.4	276.0	73,100* ^b							60
	65	79.3	274.9	72,000* ^b							65
	70	78.2	273.8	70,900*	80.5	271.6	59,500*				70
	75	77.1	272.5	69,900*	79.4	270.4	58,900*				75
	80	76.1	271.2	68,900*	78.3	269.0	58,200*	80.6	264.7	40,600*	80
	85	75.0	269.7	67,900*	77.2	267.6	57,700*	79.5	263.2	39,600*	85
	90	73.9	268.1	67,000*	76.1	266.0	57,100*	78.3	261.6	38,700*	90
	95	72.7	266.5	66,100*	75.0	264.3	56,500*	77.2	259.9	37,900*	95
	100	71.6	264.7	65,300*	73.8	262.5	56,000*	76.0	258.1	37,100*	100
	105	70.5	262.8	64,400*	72.7	260.6	55,500*	74.9	256.1	36,300*	105
	110	69.4	260.8	63,700*	71.6	258.6	55,000*	73.7	254.1	35,600*	110
	115	68.2	258.7	62,100*	70.4	256.4	54,500*	72.5	251.9	34,900*	115
	120	67.1	256.5	60,300	69.2	254.2	54,000*	71.3	249.6	34,200*	120
	125	65.9	254.1	56,600	68.1	251.8	52,800*	70.1	247.2	33,600*	125
	130	64.7	251.6	53,300	66.9	249.3	51,500*	68.9	244.6	33,000*	130
	140	62.3	246.2	47,400	64.5	243.9	48,600	66.5	239.1	31,800*	140
	150	59.9	240.3	42,300	62.0	237.9	43,500	63.9	233.0	30,800*	150
	160	57.4	233.8	38,000	59.4	231.3	39,000	61.3	226.2	29,900*	160
	170	54.8	226.6	34,200	56.8	224.0	35,100	58.6	218.8	29,000*	170
	180	52.1	218.7	30,900	54.1	216.0	31,700	55.9	210.6	28,300*	180
190	49.3	210.0	28,000	51.3	207.2	28,700	52.9	201.5	27,600*	190	
200	46.4	200.4	25,300	48.3	197.4	26,000	49.9	191.4	26,500	200	
210	43.3	189.7	23,000	45.1	186.6	23,500	46.6	180.1	24,000	210	
220	40.0	177.7	20,800	41.8	174.4	21,300				220	
230	36.4	164.2	18,900	38.2	160.5	19,300				230	
240	32.5	148.6	17,100	34.2	144.6	17,400				240	
250	28.1	130.3	15,500							250	
220	60	80.7	286.2	73,400* ^b							60
	65	79.7	285.1	72,300* ^b							65
	70	78.7	284.0	71,300*	80.8	281.9	59,700*				70
	75	77.6	282.8	70,300*	79.8	280.7	59,100*				75
	80	76.6	281.5	69,300*	78.7	279.4	58,500*	80.9	275.0	40,900*	80
	85	75.5	280.1	68,400*	77.7	278.0	57,900*	79.8	273.6	40,000*	85
	90	74.4	278.6	67,500*	76.6	276.4	57,300*	78.8	272.0	39,100*	90
	95	73.4	277.0	66,600*	75.5	274.8	56,800*	77.7	270.4	38,200*	95
	100	72.3	275.3	65,800*	74.4	273.1	56,300*	76.6	268.6	37,400*	100
	105	71.2	273.5	65,000*	73.3	271.3	55,800*	75.5	266.8	36,700*	105
	110	70.1	271.6	63,300*	72.3	269.4	55,300*	74.3	264.8	36,000*	110
	115	69.0	269.6	61,700*	71.1	267.3	54,400*	73.2	262.7	35,300*	115
	120	67.9	267.4	59,600	70.0	265.1	53,400*	72.1	260.5	34,600*	120
	125	66.8	265.2	55,900	68.9	262.9	52,400*	70.9	258.2	34,000*	125
	130	65.7	262.8	52,600	67.8	260.5	51,500*	69.8	255.8	33,400*	130
	140	63.4	257.7	46,700	65.5	255.3	48,000	67.4	250.5	32,300*	140
	150	61.1	252.0	41,600	63.1	249.6	42,800	65.0	244.7	31,200*	150
	160	58.7	245.8	37,300	60.7	243.3	38,300	62.5	238.3	30,300*	160
	170	56.2	239.0	33,500	58.2	236.4	34,500	60.0	231.2	29,500*	170
	180	53.7	231.6	30,200	55.6	228.9	31,000	57.4	223.5	28,700*	180
190	51.1	223.4	27,200	53.0	220.6	28,000	54.6	215.0	28,000*	190	
200	48.3	214.4	24,600	50.2	211.5	25,300	51.8	205.6	25,900	200	
210	45.5	204.4	22,200	47.3	201.4	22,800	48.8	195.2	23,300	210	
220	42.4	193.4	20,100	44.2	190.2	20,600				220	
230	39.2	181.1	18,100	40.9	177.7	18,600				230	
240	35.7	167.3	16,400	37.4	163.5	16,800				240	
250	31.9	151.4	14,700							250	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
2 3 0	65	80.1	295.4	72,700* ^b							65
	70	79.1	294.3	71,700* ^b							70
	75	78.0	293.1	70,700*	80.2	291.0	59,300*				75
	80	77.0	291.9	69,700*	79.1	289.7	58,700*				80
	85	76.0	290.5	68,800*	78.1	288.3	58,100*	80.2	283.9	40,300*	85
	90	75.0	289.1	67,900*	77.1	286.9	57,600*	79.2	282.4	39,400*	90
	95	74.0	287.5	67,100*	76.0	285.3	57,000*	78.1	280.9	38,600*	95
	100	72.9	285.9	65,900*	75.0	283.7	56,500*	77.1	279.2	37,800*	100
	105	71.9	284.2	64,100*	74.0	281.9	55,700*	76.0	277.4	37,100*	105
	110	70.8	282.3	62,400*	72.9	280.1	54,600*	74.9	275.5	36,300*	110
	115	69.8	280.4	60,900*	71.8	278.1	53,500*	73.8	273.5	35,700*	115
	120	68.7	278.3	59,000*	70.8	276.0	52,500*	72.8	271.4	35,000*	120
	125	67.7	276.1	55,300*	69.7	273.8	51,500*	71.7	269.2	34,400*	125
	130	66.6	273.9	51,900*	68.6	271.5	50,600*	70.5	266.8	33,800*	130
	140	64.4	269.0	46,000*	66.4	266.6	47,400*	68.3	261.8	32,700*	140
	150	62.2	263.6	41,000*	64.1	261.1	42,200*	66.0	256.2	31,700*	150
	160	59.9	257.6	36,600*	61.8	255.2	37,700*	63.7	250.1	30,700*	160
	170	57.5	251.2	32,800*	59.5	248.6	33,800*	61.2	243.5	29,900*	170
	180	55.1	244.1	29,500*	57.0	241.5	30,400*	58.8	236.2	29,100*	180
	190	52.7	236.4	26,500*	54.5	233.7	27,400*	56.2	228.1	28,100*	190
200	50.1	227.9	23,900*	51.9	225.1	24,600*	53.5	219.3	25,300*	200	
210	47.4	218.6	21,500*	49.2	215.7	22,200*	50.7	209.7	22,800*	210	
220	44.6	208.4	19,400*	46.4	205.3	20,000*	47.8	199.0	20,500*	220	
230	41.6	197.1	17,500*	43.3	193.8	18,000*				230	
240	38.5	184.5	15,700*	40.1	181.0	16,100*				240	
250	35.1	170.3	14,100*	36.6	166.5	14,400*				250	
260	31.3	154.0	12,600*							260	
2 4 0	65	80.4	305.6	73,000* ^b							65
	70	79.4	304.5	72,000* ^b							70
	75	78.4	303.4	71,100*	80.5	301.2	59,500*				75
	80	77.5	302.2	70,100*	79.5	300.0	58,900*				80
	85	76.5	300.9	69,200*	78.5	298.7	58,300*	80.6	294.3	40,600*	85
	90	75.5	299.5	68,300*	77.5	297.3	57,800*	79.6	292.8	39,700*	90
	95	74.5	298.0	67,300*	76.5	295.8	57,300*	78.5	291.3	38,900*	95
	100	73.5	296.4	65,400*	75.5	294.2	56,200*	77.5	289.7	38,200*	100
	105	72.5	294.8	63,600*	74.5	292.5	55,000*	76.5	288.0	37,400*	105
	110	71.5	293.0	61,900*	73.5	290.7	53,900*	75.5	286.1	36,700*	110
	115	70.5	291.1	60,400*	72.5	288.8	52,800*	74.4	284.2	36,000*	115
	120	69.5	289.1	58,300*	71.4	286.8	51,800*	73.4	282.2	35,400*	120
	125	68.4	287.0	54,600*	70.4	284.7	50,900*	72.3	280.1	34,800*	125
	130	67.4	284.9	51,200*	69.4	282.5	50,000*	71.3	277.8	34,200*	130
	140	65.3	280.1	45,300*	67.2	277.8	46,800*	69.1	273.0	33,100*	140
	150	63.2	275.0	40,200*	65.1	272.6	41,600*	66.9	267.7	32,000*	150
	160	61.0	269.3	35,900*	62.9	266.9	37,100*	64.7	261.9	31,100*	160
	170	58.8	263.2	32,100*	60.6	260.6	33,200*	62.4	255.5	30,300*	170
	180	56.5	256.4	28,700*	58.3	253.8	29,700*	60.0	248.6	29,500*	180
	190	54.1	249.1	25,800*	55.9	246.4	26,700*	57.6	241.0	27,500*	190
200	51.7	241.1	23,100*	53.5	238.3	23,900*	55.1	232.7	24,600*	200	
210	49.2	232.4	20,800*	50.9	229.5	21,500*	52.4	223.6	22,100*	210	
220	46.5	222.8	18,600*	48.3	219.8	19,300*	49.7	213.6	19,800*	220	
230	43.8	212.3	16,700*	45.5	209.1	17,300*	46.8	202.6	17,700*	230	
240	40.9	200.7	14,900*	42.5	197.3	15,400*				240	
250	37.8	187.8	13,300*	39.4	184.2	13,700*				250	
260	34.4	173.3	11,800*	35.9	169.3	12,100*				260	
270	30.8	156.7	10,400*							270	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
250	65	80.7	315.7	73,400* ^b							65
	70	79.8	314.7	72,400* ^b							70
	75	78.8	313.7	71,400*	80.8	311.5	59,600*				75
	80	77.9	312.5	70,500*	79.9	310.3	59,100*				80
	85	76.9	311.2	69,600*	78.9	309.0	58,500*	80.9	304.6	40,900*	85
	90	76.0	309.9	68,700*	77.9	307.7	58,000*	79.9	303.2	40,000*	90
	95	75.0	308.4	66,800*	77.0	306.2	56,800*	78.9	301.7	39,200*	95
	100	74.1	306.9	64,900*	76.0	304.7	55,500*	77.9	300.2	38,500*	100
	105	73.1	305.3	63,200*	75.0	303.1	54,400*	77.0	298.5	37,700*	105
	110	72.1	303.6	61,500*	74.1	301.3	53,300*	76.0	296.7	37,000*	110
	115	71.2	301.8	60,000*	73.1	299.5	52,300*	75.0	294.9	36,400*	115
	120	70.2	299.9	58,000	72.1	297.6	51,300*	74.0	292.9	35,700*	120
	125	69.2	297.9	54,300	71.1	295.6	50,400*	72.9	290.9	35,100*	125
	130	68.2	295.8	50,900	70.1	293.4	49,500*	71.9	288.7	34,500*	130
	140	66.2	291.2	45,000	68.0	288.9	46,500	69.9	284.1	33,400*	140
	150	64.1	286.3	39,900	66.0	283.9	41,300	67.7	279.0	32,400*	150
	160	62.0	280.9	35,600	63.9	278.4	36,800	65.6	273.4	31,500*	160
	170	59.9	275.0	31,800	61.7	272.5	32,900	63.4	267.4	30,600*	170
	180	57.7	268.5	28,400	59.5	266.0	29,400	61.2	260.7	29,800*	180
	190	55.5	261.6	25,500	57.2	258.9	26,400	58.8	253.5	27,200	190
	200	53.2	254.0	22,800	54.9	251.2	23,700	56.5	245.7	24,400	200
	210	50.8	245.7	20,500	52.5	242.9	21,200	54.0	237.1	21,900	210
	220	48.3	236.7	18,300	50.0	233.8	19,000	51.4	227.8	19,600	220
	230	45.7	226.9	16,400	47.4	223.8	17,000	48.7	217.5	17,500	230
240	43.0	216.1	14,600	44.6	212.9	15,100	45.9	206.2	15,600	240	
250	40.2	204.2	13,000	41.7	200.8	13,500				250	
260	37.1	191.0	11,500	38.6	187.3	11,900				260	
270	33.8	176.2	10,100	35.3	172.2	10,400				270	
280	30.2	159.2	8,800							280	
260	70	80.1	324.9	72,700* ^b							70
	75	79.2	323.9	71,700* ^b							75
	80	78.3	322.8	70,800*	80.2	320.6	59,200*				80
	85	77.4	321.5	70,000*	79.3	319.3	58,700*				85
	90	76.4	320.2	68,100*	78.3	318.0	57,300*	80.2	313.5	40,300*	90
	95	75.5	318.9	66,100*	77.4	316.6	56,000*	79.3	312.1	39,500*	95
	100	74.6	317.4	64,300*	76.5	315.1	54,800*	78.3	310.6	38,800*	100
	105	73.6	315.8	62,600*	75.5	313.6	53,700*	77.4	309.0	38,100*	105
	110	72.7	314.2	61,000*	74.6	311.9	52,600*	76.4	307.3	37,400*	110
	115	71.8	312.4	59,500*	73.6	310.1	51,600*	75.5	305.5	36,700*	115
	120	70.8	310.6	57,300	72.7	308.3	50,700*	74.5	303.6	36,100*	120
	125	69.9	308.7	53,600	71.7	306.3	49,800*	73.5	301.7	35,500*	125
	130	68.9	306.6	50,200	70.7	304.3	49,000*	72.5	299.6	34,900*	130
	140	67.0	302.3	44,300	68.8	299.9	45,900	70.5	295.1	33,800*	140
	150	65.0	297.5	39,200	66.8	295.1	40,600	68.5	290.2	32,800*	150
	160	63.0	292.3	34,800	64.8	289.9	36,100	66.5	284.9	31,900*	160
	170	60.9	286.6	31,000	62.7	284.1	32,200	64.4	279.1	31,000*	170
	180	58.8	280.5	27,700	60.6	277.9	28,800	62.2	272.7	29,800	180
	190	56.7	273.8	24,700	58.4	271.2	25,700	60.0	265.9	26,600	190
	200	54.5	266.6	22,100	56.2	263.9	23,000	57.7	258.4	23,800	200
	210	52.2	258.8	19,700	53.9	256.0	20,500	55.4	250.3	21,200	210
	220	49.9	250.3	17,600	51.6	247.4	18,300	53.0	241.5	18,900	220
	230	47.5	241.0	15,600	49.1	238.0	16,300	50.5	231.9	16,800	230
	240	45.0	230.9	13,800	46.5	227.8	14,400	47.8	221.4	14,900	240
250	42.3	219.9	12,200	43.9	216.6	12,700				250	
260	39.5	207.7	10,700	41.0	204.2	11,200				260	
270	36.5	194.2	9,300	38.0	190.4	9,700				270	
280	33.3	179.1	8,100	34.6	174.9	8,400				280	
290	29.7	161.8	6,900							290	

MANITOWOC CRANES, INC.

Manitowoc, Wisconsin 54220 U.S.A.



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
270	70	80.4	335.1	60,000* ^b							70
	75	79.5	334.1	60,000* ^b							75
	80	78.6	333.0	60,000*	80.5	330.8	58,900*				80
	85	77.7	331.8	60,000*	79.6	329.6	57,400*				85
	90	76.8	330.6	60,000*	78.7	328.3	56,100*	80.5	323.8	40,600*	90
	95	76.0	329.2	60,000*	77.8	327.0	54,900*	79.6	322.5	39,800*	95
	100	75.1	327.8	60,000*	76.9	325.6	53,700*	78.7	321.0	39,100*	100
	105	74.2	326.3	60,000*	76.0	324.0	52,600*	77.8	319.5	38,400*	105
	110	73.2	324.7	60,000*	75.1	322.4	51,600*	76.9	317.8	37,700*	110
	115	72.3	323.0	58,600*	74.1	320.7	50,600*	75.9	316.1	37,000*	115
	120	71.4	321.3	56,600	73.2	318.9	49,700*	75.0	314.3	36,400*	120
	125	70.5	319.4	52,900	72.3	317.1	48,900*	74.1	312.4	35,800*	125
	130	69.6	317.4	49,600	71.4	315.1	48,100*	73.1	310.4	35,200*	130
	140	67.7	313.2	43,600	69.5	310.9	45,300	71.2	306.1	34,100*	140
	150	65.8	308.6	38,500	67.6	306.2	40,000	69.2	301.4	33,100*	150
	160	63.9	303.6	34,200	65.6	301.2	35,500	67.3	296.2	32,200*	160
	170	61.9	298.2	30,300	63.6	295.7	31,600	65.2	290.6	31,400*	170
	180	59.9	292.3	27,000	61.6	289.7	28,100	63.2	284.6	29,200	180
	190	57.9	285.9	24,000	59.5	283.3	25,100	61.1	278.0	26,000	190
	200	55.8	279.0	21,400	57.4	276.3	22,300	58.9	270.9	23,200	200
210	53.6	271.5	19,000	55.2	268.8	19,900	56.7	263.2	20,600	210	
220	51.4	263.5	16,900	53.0	260.6	17,600	54.4	254.9	18,300	220	
230	49.1	254.7	14,900	50.7	251.8	15,600	52.0	245.8	16,200	230	
240	46.7	245.2	13,100	48.3	242.1	13,800	49.5	235.9	14,300	240	
250	44.2	234.9	11,500	45.7	231.7	12,100	47.0	225.1	12,500	250	
260	41.6	223.6	10,000	43.1	220.2	10,500				260	
270	38.9	211.1	8,600	40.3	207.5	9,100				270	
280	35.9	197.3	7,400	37.3	193.5	7,700				280	
290	32.7	181.9	6,200	34.0	177.7	6,500				290	
300	29.2	164.2	4,900*							300	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
1 9 0	65	79.9	274.8	51,400*							65
	70	78.8	273.7	50,500*							70
	75	77.7	272.4	49,700*	80.8	269.8	44,500*				75
	80	76.7	271.1	48,900*	79.7	268.4	43,800*				80
	85	75.6	269.6	48,200*	78.6	267.0	43,300*				85
	90	74.5	268.0	47,400*	77.5	265.4	42,700*	80.5	260.0	32,000*	90
	95	73.3	266.4	46,700*	76.3	263.7	42,200*	79.4	258.3	31,200*	95
	100	72.2	264.6	46,000*	75.2	261.9	41,600*	78.2	256.5	30,400*	100
	105	71.1	262.7	45,400*	74.1	260.0	41,100*	77.1	254.5	29,700*	105
	110	70.0	260.7	44,700*	72.9	258.0	40,600*	75.9	252.5	29,000*	110
	115	68.8	258.6	44,100*	71.8	255.8	40,100*	74.7	250.3	28,400*	115
	120	67.7	256.3	43,500*	70.6	253.6	39,700*	73.5	248.0	27,800*	120
	125	66.5	254.0	42,900*	69.4	251.2	39,200*	72.3	245.5	27,200*	125
	130	65.3	251.5	42,400*	68.2	248.7	38,800*	71.1	242.9	26,700*	130
	140	62.9	246.1	41,300*	65.8	243.2	38,000*	68.6	237.4	25,600*	140
	150	60.5	240.2	40,300*	63.3	237.2	37,300*	66.0	231.2	24,700*	150
	160	58.0	233.7	39,300*	60.8	230.6	36,100*	63.4	224.4	23,900*	160
	170	55.4	226.5	36,200	58.1	223.3	34,400*	60.7	216.9	23,100*	170
	180	52.7	218.6	32,900	55.4	215.3	32,900*	57.9	208.6	22,400*	180
	190	49.9	209.9	29,900	52.6	206.4	30,700	54.9	199.4	21,800*	190
200	46.9	200.2	27,300	49.6	196.6	28,000	51.8	189.3	21,200*	200	
210	43.9	189.5	24,900	46.4	185.7	25,500	48.6	177.9	20,700*	210	
220	40.6	177.6	22,700	43.1	173.5	23,300				220	
230	37.0	164.0	20,800	39.4	159.5	21,300				230	
240	33.1	148.4	19,000	35.4	143.5	19,400				240	
250	28.7	130.1	17,400							250	
2 0 0	65	80.3	285.0	51,700*							65
	70	79.2	283.9	50,800*							70
	75	78.2	282.7	50,000*							75
	80	77.1	281.4	49,300*	80.1	278.8	44,000*				80
	85	76.1	280.0	48,500*	79.0	277.4	43,500*				85
	90	75.0	278.5	47,800*	77.9	275.8	42,900*	80.9	270.4	32,200*	90
	95	74.0	276.9	47,100*	76.8	274.2	42,400*	79.8	268.8	31,500*	95
	100	72.9	275.2	46,400*	75.8	272.5	41,900*	78.7	267.0	30,700*	100
	105	71.8	273.4	45,800*	74.7	270.7	41,400*	77.6	265.2	30,000*	105
	110	70.7	271.5	45,100*	73.6	268.7	40,900*	76.4	263.2	29,400*	110
	115	69.6	269.4	44,500*	72.5	266.7	40,400*	75.3	261.1	28,700*	115
	120	68.5	267.3	43,900*	71.3	264.5	40,000*	74.2	258.9	28,100*	120
	125	67.4	265.0	43,400*	70.2	262.2	39,500*	73.0	256.5	27,600*	125
	130	66.3	262.7	42,800*	69.1	259.8	39,100*	71.8	254.1	27,000*	130
	140	64.0	257.5	41,700*	66.8	254.6	38,300*	69.5	248.8	26,000*	140
	150	61.6	251.9	40,700*	64.4	248.9	37,600*	67.0	242.9	25,100*	150
	160	59.3	245.7	39,300	62.0	242.6	36,900*	64.6	236.4	24,200*	160
	170	56.8	238.9	35,500	59.5	235.7	35,300*	62.0	229.4	23,500*	170
	180	54.3	231.4	32,100	56.9	228.2	33,200	59.3	221.6	22,800*	180
	190	51.6	223.2	29,200	54.2	219.8	30,100	56.6	213.0	22,100*	190
200	48.9	214.2	26,500	51.5	210.7	27,400	53.7	203.5	21,500*	200	
210	46.0	204.3	24,100	48.5	200.6	24,900	50.7	193.0	21,000*	210	
220	43.0	193.3	22,000	45.4	189.3	22,600	47.4	181.2	20,600*	220	
230	39.8	181.0	20,000	42.1	176.7	20,600				230	
240	36.3	167.1	18,300	38.6	162.5	18,700				240	
250	32.5	151.1	16,600	34.6	146.0	17,000				250	
260	28.1	132.4	15,100							260	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	65	80.6	295.2	52,000*							65
	70	79.6	294.2	51,100*							70
	75	78.6	293.0	50,400*							75
	80	77.6	291.8	49,600*	80.4	289.1	44,200*				80
	85	76.6	290.4	48,900*	79.4	287.7	43,700*				85
	90	75.6	289.0	48,200*	78.4	286.3	43,100*				90
	95	74.5	287.4	47,500*	77.3	284.7	42,600*	80.2	279.2	31,700*	95
	100	73.5	285.8	46,800*	76.3	283.0	42,100*	79.1	277.5	31,000*	100
	105	72.5	284.0	46,200*	75.2	281.3	41,600*	78.0	275.7	30,300*	105
	110	71.4	282.2	45,500*	74.2	279.4	41,100*	76.9	273.8	29,700*	110
	115	70.4	280.2	44,900*	73.1	277.5	40,700*	75.9	271.8	29,000*	115
	120	69.3	278.2	44,300*	72.0	275.4	40,200*	74.8	269.7	28,500*	120
	125	68.2	276.0	43,800*	70.9	273.2	39,800*	73.7	267.5	27,900*	125
	130	67.1	273.7	43,200*	69.9	270.9	39,400*	72.5	265.1	27,300*	130
	140	65.0	268.8	42,200*	67.6	265.9	38,600*	70.3	260.0	26,300*	140
	150	62.7	263.4	41,200*	65.4	260.5	37,900*	68.0	254.4	25,400*	150
	160	60.4	257.5	38,700	63.1	254.5	37,200*	65.6	248.3	24,600*	160
	170	58.1	251.0	34,900	60.7	247.9	36,100*	63.2	241.6	23,800*	170
	180	55.7	244.0	31,600	58.3	240.7	32,700	60.7	234.2	23,100*	180
	190	53.2	236.2	28,600	55.7	232.9	29,600	58.1	226.1	22,400*	190
200	50.6	227.8	26,000	53.1	224.3	26,900	55.4	217.2	21,900*	200	
210	48.0	218.5	23,600	50.4	214.8	24,400	52.5	207.4	21,300*	210	
220	45.1	208.2	21,500	47.5	204.4	22,200	49.6	196.6	20,900*	220	
230	42.2	196.9	19,500	44.5	192.9	20,100	46.4	184.5	20,400*	230	
240	39.0	184.3	17,700	41.3	180.0	18,300				240	
250	35.6	170.1	16,100	37.8	165.4	16,600				250	
260	31.8	153.8	14,600							260	
220	65	80.9	305.4	52,200*							65
	70	80.0	304.4	51,400*							70
	75	79.0	303.3	50,600*							75
	80	78.0	302.1	49,900*	80.7	299.4	44,400*				80
	85	77.0	300.8	49,200*	79.8	298.1	43,900*				85
	90	76.0	299.4	48,500*	78.8	296.7	43,300*				90
	95	75.1	297.9	47,800*	77.8	295.2	42,800*	80.5	289.6	32,000*	95
	100	74.1	296.3	47,200*	76.8	293.6	42,300*	79.5	288.0	31,300*	100
	105	73.1	294.6	46,500*	75.7	291.9	41,800*	78.5	286.3	30,600*	105
	110	72.1	292.9	45,900*	74.7	290.1	41,400*	77.4	284.4	30,000*	110
	115	71.0	291.0	45,300*	73.7	288.2	40,900*	76.4	282.5	29,300*	115
	120	70.0	289.0	44,700*	72.7	286.2	40,500*	75.3	280.5	28,800*	120
	125	69.0	286.9	44,200*	71.6	284.1	40,100*	74.3	278.3	28,200*	125
	130	68.0	284.7	43,600*	70.6	281.9	39,700*	73.2	276.0	27,700*	130
	140	65.9	280.0	42,600*	68.5	277.1	38,900*	71.0	271.2	26,700*	140
	150	63.7	274.8	41,600*	66.3	271.9	38,100*	68.8	265.8	25,700*	150
	160	61.5	269.2	38,000	64.1	266.2	37,500*	66.5	260.0	24,900*	160
	170	59.3	263.0	34,200	61.8	259.9	35,500	64.2	253.6	24,100*	170
	180	57.0	256.3	30,900	59.5	253.1	32,100	61.8	246.6	23,400*	180
	190	54.7	248.9	27,900	57.1	245.6	29,000	59.4	238.9	22,800*	190
200	52.2	240.9	25,300	54.7	237.5	26,200	56.8	230.6	22,200*	200	
210	49.7	232.2	22,900	52.1	228.6	23,700	54.2	221.4	21,600*	210	
220	47.1	222.6	20,700	49.4	218.9	21,500	51.4	211.3	21,100*	220	
230	44.3	212.1	18,800	46.6	208.2	19,500	48.5	200.2	20,100	230	
240	41.4	200.5	17,000	43.6	196.4	17,600				240	
250	38.3	187.6	15,400	40.5	183.1	15,900				250	
260	35.0	173.1	13,800	37.0	168.2	14,300				260	
270	31.3	156.4	12,500							270	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
2 3 0	70	80.3	314.6	51,700*							70
	75	79.4	313.5	50,900*							75
	80	78.4	312.4	50,200*							80
	85	77.5	311.1	49,500*	80.1	308.4	44,000*				85
	90	76.5	309.8	48,800*	79.1	307.0	43,500*				90
	95	75.6	308.3	48,100*	78.2	305.6	43,000*	80.8	300.0	32,200*	95
	100	74.6	306.8	47,500*	77.2	304.0	42,500*	79.8	298.4	31,500*	100
	105	73.6	305.2	46,900*	76.2	302.4	42,100*	78.9	296.8	30,900*	105
	110	72.7	303.5	46,300*	75.2	300.7	41,600*	77.9	295.0	30,200*	110
	115	71.7	301.7	45,700*	74.3	298.8	41,200*	76.8	293.1	29,600*	115
	120	70.7	299.8	45,100*	73.3	296.9	40,700*	75.8	291.2	29,000*	120
	125	69.7	297.7	44,600*	72.3	294.9	40,300*	74.8	289.1	28,500*	125
	130	68.7	295.6	44,000*	71.3	292.8	39,900*	73.8	286.9	28,000*	130
	140	66.7	291.1	43,000*	69.2	288.2	39,100*	71.7	282.3	27,000*	140
	150	64.6	286.2	41,800	67.1	283.2	38,400*	69.6	277.1	26,100*	150
	160	62.5	280.7	37,400	65.0	277.7	37,700*	67.4	271.5	25,200*	160
	170	60.4	274.8	33,600	62.9	271.7	35,000	65.2	265.4	24,400*	170
	180	58.2	268.4	30,200	60.7	265.2	31,500	62.9	258.7	23,700*	180
	190	56.0	261.4	27,200	58.4	258.1	28,400	60.6	251.5	23,100*	190
	200	53.7	253.8	24,600	56.0	250.4	25,600	58.2	243.6	22,500*	200
	210	51.3	245.6	22,200	53.6	242.1	23,100	55.7	234.9	21,900*	210
	220	48.8	236.6	20,100	51.1	232.9	20,900	53.1	225.5	21,400*	220
	230	46.2	226.7	18,100	48.5	222.9	18,900	50.4	215.1	19,500	230
	240	43.5	215.9	16,300	45.7	211.9	17,000	47.5	203.7	17,500	240
	250	40.7	204.0	14,700	42.8	199.8	15,300				250
	260	37.6	190.8	13,200	39.7	186.2	13,700				260
	270	34.3	176.0	11,800	36.3	171.0	12,200				270
	280	30.7	159.0	10,500							280
2 4 0	70	80.6	324.8	51,900*							70
	75	79.7	323.8	51,200*							75
	80	78.8	322.6	50,500*							80
	85	77.9	321.4	49,800*	80.4	318.7	44,200*				85
	90	76.9	320.1	49,100*	79.5	317.4	43,700*				90
	95	76.0	318.7	48,400*	78.6	316.0	43,200*				95
	100	75.1	317.3	47,800*	77.6	314.5	42,700*	80.2	308.8	31,800*	100
	105	74.2	315.7	47,200*	76.7	312.9	42,300*	79.2	307.2	31,100*	105
	110	73.2	314.0	46,600*	75.7	311.2	41,800*	78.3	305.5	30,500*	110
	115	72.3	312.3	46,000*	74.8	309.5	41,400*	77.3	303.7	29,900*	115
	120	71.3	310.5	45,500*	73.8	307.6	41,000*	76.3	301.8	29,300*	120
	125	70.4	308.5	44,900*	72.9	305.6	40,500*	75.3	299.8	28,800*	125
	130	69.4	306.5	44,400*	71.9	303.6	40,100*	74.3	297.7	28,200*	130
	140	67.5	302.1	43,400*	69.9	299.2	39,400*	72.3	293.2	27,300*	140
	150	65.5	297.4	41,100	67.9	294.4	38,600*	70.3	288.3	26,400*	150
	160	63.5	292.2	36,700	65.9	289.1	37,400*	68.2	282.9	25,500*	160
	170	61.4	286.5	32,900	63.8	283.4	34,300	66.1	277.1	24,800*	170
	180	59.3	280.4	29,500	61.7	277.2	30,800	63.9	270.7	24,000*	180
	190	57.2	273.7	26,500	59.5	270.4	27,700	61.7	263.8	23,400*	190
	200	55.0	266.4	23,900	57.3	263.1	25,000	59.4	256.3	22,800*	200
	210	52.7	258.6	21,500	55.0	255.1	22,500	57.1	248.1	22,200*	210
	220	50.4	250.1	19,300	52.7	246.5	20,200	54.6	239.2	21,000	220
	230	48.0	240.8	17,300	50.2	237.1	18,200	52.1	229.5	18,900	230
	240	45.4	230.7	15,600	47.6	226.8	16,300	49.4	218.8	16,900	240
	250	42.8	219.7	13,900	44.9	215.6	14,600	46.6	207.1	15,100	250
	260	40.0	207.5	12,400	42.0	203.1	13,000				260
	270	37.0	194.0	11,000	39.0	189.3	11,500				270
	280	33.8	178.8	9,700	35.6	173.7	10,200				280
290	30.2	161.5	8,500							290	



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
250	70	80.9	335.0	52,100*							70
	75	80.0	334.0	51,400*							75
	80	79.1	332.9	50,700*							80
	85	78.2	331.7	50,000*	80.7	328.9	44,300*				85
	90	77.3	330.5	49,400*	79.8	327.7	43,800*				90
	95	76.4	329.1	48,700*	78.9	326.3	43,400*				95
	100	75.6	327.7	48,100*	78.0	324.9	42,900*	80.5	319.2	32,000*	100
	105	74.6	326.2	47,500*	77.1	323.3	42,500*	79.6	317.6	31,300*	105
	110	73.7	324.6	46,900*	76.2	321.7	42,000*	78.6	316.0	30,700*	110
	115	72.8	322.9	46,400*	75.3	320.0	41,600*	77.7	314.3	30,100*	115
	120	71.9	321.1	45,800*	74.3	318.2	41,200*	76.8	312.4	29,600*	120
	125	71.0	319.3	45,300*	73.4	316.4	40,800*	75.8	310.5	29,000*	125
	130	70.1	317.3	44,700*	72.5	314.4	40,400*	74.9	308.5	28,500*	130
	140	68.2	313.1	43,700*	70.6	310.1	39,500*	72.9	304.2	27,500*	140
	150	66.3	308.5	40,700	68.7	305.5	38,200*	71.0	299.4	26,600*	150
	160	64.4	303.5	36,400	66.7	300.4	37,100*	69.0	294.3	25,800*	160
	170	62.4	298.0	32,500	64.7	294.9	34,000	66.9	288.6	25,100*	170
	180	60.4	292.1	29,200	62.7	289.0	30,500	64.9	282.5	24,300*	180
	190	58.3	285.8	26,200	60.6	282.5	27,400	62.7	275.9	23,700*	190
	200	56.2	278.9	23,500	58.5	275.5	24,700	60.6	268.8	23,100*	200
210	54.1	271.4	21,100	56.3	268.0	22,200	58.3	261.0	22,500*	210	
220	51.9	263.3	19,000	54.1	259.8	19,900	56.0	252.6	20,800	220	
230	49.6	254.5	17,000	51.7	250.9	17,900	53.6	243.4	18,700	230	
240	47.2	245.0	15,200	49.3	241.2	16,000	51.1	233.4	16,700	240	
250	44.7	234.7	13,600	46.8	230.7	14,300	48.5	222.5	14,900	250	
260	42.1	223.4	12,100	44.1	219.2	12,700				260	
270	39.3	210.9	10,700	41.3	206.4	11,300				270	
280	36.4	197.1	9,400	38.3	192.3	9,900				280	
290	33.2	181.6	8,200	35.0	176.4	8,600				290	
300	29.7	164.0	7,100							300	
260	75	80.3	344.2	51,700*							75
	80	79.4	343.1	51,000*							80
	85	78.6	342.0	50,300*							85
	90	77.7	340.8	49,700*	80.1	338.0	44,000*				90
	95	76.9	339.5	49,000*	79.2	336.7	43,500*				95
	100	76.0	338.1	48,400*	78.4	335.3	43,100*	80.8	329.5	32,200*	100
	105	75.1	336.6	47,800*	77.5	333.8	42,600*	79.9	328.0	31,600*	105
	110	74.2	335.1	47,200*	76.6	332.2	42,200*	79.0	326.4	31,000*	110
	115	73.4	333.5	46,700*	75.7	330.6	41,800*	78.1	324.8	30,400*	115
	120	72.5	331.7	46,100*	74.8	328.8	41,400*	77.2	323.0	29,800*	120
	125	71.6	329.9	45,600*	73.9	327.0	41,000*	76.3	321.2	29,300*	125
	130	70.7	328.0	45,100*	73.0	325.1	40,400*	75.3	319.2	28,800*	130
	140	68.9	324.0	44,100*	71.2	321.0	39,000*	73.5	315.0	27,800*	140
	150	67.0	319.5	40,100	69.3	316.5	37,800*	71.6	310.5	26,900*	150
	160	65.2	314.7	35,700	67.5	311.7	36,700*	69.7	305.5	26,100*	160
	170	63.3	309.5	31,800	65.5	306.4	33,400	67.7	300.1	25,300*	170
	180	61.4	303.8	28,500	63.6	300.6	29,900	65.7	294.2	24,600*	180
	190	59.4	297.7	25,500	61.6	294.4	26,800	63.7	287.9	24,000*	190
	200	57.4	291.1	22,800	59.6	287.8	24,000	61.6	281.0	23,400*	200
	210	55.3	283.9	20,400	57.5	280.5	21,500	59.5	273.6	22,600	210
220	53.2	276.2	18,200	55.3	272.7	19,300	57.3	265.6	20,200	220	
230	51.0	267.9	16,300	53.1	264.3	17,200	55.0	256.9	18,100	230	
240	48.8	258.9	14,500	50.8	255.2	15,300	52.6	247.5	16,100	240	
250	46.4	249.2	12,900	48.5	245.3	13,600	50.2	237.3	14,300	250	
260	44.0	238.6	11,300	46.0	234.5	12,000	47.6	226.1	12,600	260	
270	41.4	227.0	10,000	43.4	222.7	10,600				270	
280	38.7	214.3	8,700	40.6	209.7	9,200				280	
290	35.8	200.2	7,500	37.6	195.3	7,900				290	
300	32.7	184.4	6,300	34.4	179.0	6,700				300	
310	29.2	166.4	5,200*							310	

MANITOWOC CRANES, INC.

Manitowoc, Wisconsin 54220 U.S.A.



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
2 7 0	75	80.6	354.4	51,900*							75
	80	79.8	353.4	51,200*							80
	85	78.9	352.3	50,500*							85
	90	78.1	351.1	49,900*	80.4	348.2	44,100*				90
	95	77.2	349.8	49,300*	79.6	347.0	43,700*				95
	100	76.4	348.5	48,700*	78.7	345.6	43,200*				100
	105	75.5	347.1	48,100*	77.9	344.2	42,800*	80.2	338.4	31,800*	105
	110	74.7	345.6	47,500*	77.0	342.7	42,400*	79.3	336.9	31,200*	110
	115	73.8	344.0	47,000*	76.1	341.1	41,900*	78.5	335.3	30,600*	115
	120	73.0	342.3	46,400*	75.3	339.4	41,100*	77.6	333.5	30,100*	120
	125	72.1	340.6	45,900*	74.4	337.6	40,300*	76.7	331.8	29,500*	125
	130	71.3	338.7	45,400*	73.5	335.8	39,600*	75.8	329.9	29,000*	130
	140	69.5	334.8	44,200*	71.8	331.8	38,300*	74.0	325.8	28,100*	140
	150	67.7	330.5	39,400	70.0	327.5	37,100*	72.2	321.4	27,200*	150
	160	65.9	325.9	35,000	68.2	322.8	36,000*	70.3	316.6	26,400*	160
	170	64.1	320.8	31,200	66.3	317.7	32,800	68.4	311.4	25,600*	170
	180	62.3	315.4	27,800	64.4	312.2	29,300	66.5	305.8	24,900*	180
	190	60.4	309.5	24,800	62.5	306.2	26,200	64.6	299.7	24,200*	190
	200	58.4	303.1	22,100	60.6	299.8	23,400	62.6	293.1	23,600*	200
	210	56.5	296.3	19,700	58.6	292.9	20,900	60.5	286.1	22,000	210
	220	54.4	288.9	17,600	56.5	285.4	18,600	58.4	278.4	19,600	220
	230	52.4	281.0	15,600	54.4	277.4	16,600	56.3	270.2	17,500	230
	240	50.2	272.4	13,800	52.3	268.7	14,700	54.0	261.2	15,500	240
	250	48.0	263.2	12,200	50.0	259.4	13,000	51.7	251.6	13,700	250
	260	45.7	253.2	10,700	47.7	249.2	11,400	49.3	241.1	12,000	260
	270	43.3	242.4	9,300	45.2	238.2	9,900	46.8	229.7	10,500	270
	280	40.8	230.5	8,000	42.6	226.1	8,600				280
	290	38.1	217.6	6,800	39.9	212.9	7,300				290
	300	35.2	203.2	5,700	37.0	198.2	6,100				300
	310	32.2	187.1	4,600							310



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	65	80.9	295.3	41,100*							65
	70	79.9	294.2	40,400*							70
	75	78.9	293.1	39,800*							75
	80	77.9	291.8	39,100*							80
	85	76.9	290.5	38,500*	80.4	287.6	34,400*				85
	90	75.8	289.0	37,900*	79.4	286.1	33,900*				90
	95	74.8	287.5	37,300*	78.3	284.6	33,300*				95
	100	73.8	285.8	36,700*	77.3	282.9	32,700*				100
	105	72.7	284.1	36,100*	76.2	281.2	32,200*	80.1	275.5	25,500*	105
	110	71.7	282.2	35,500*	75.2	279.3	31,700*	79.0	273.6	24,900*	110
	115	70.6	280.3	35,000*	74.1	277.3	31,200*	77.9	271.6	24,300*	115
	120	69.6	278.2	34,500*	73.0	275.2	30,700*	76.8	269.5	23,800*	120
	125	68.5	276.1	33,900*	72.0	273.0	30,200*	75.7	267.3	23,200*	125
	130	67.4	273.8	33,300*	70.9	270.7	29,700*	74.6	264.9	22,700*	130
	140	65.2	268.9	32,200*	68.7	265.8	28,800*	72.3	259.9	21,800*	140
	150	63.0	263.5	31,100*	66.4	260.3	27,900*	70.0	254.4	20,900*	150
	160	60.7	257.6	30,100*	64.1	254.3	27,100*	67.7	248.3	20,200*	160
	170	58.4	251.1	29,100*	61.7	247.8	26,400*	65.2	241.6	19,400*	170
	180	56.0	244.0	28,200*	59.3	240.6	25,600*	62.7	234.3	18,800*	180
	190	53.5	236.3	27,300*	56.8	232.7	25,000*	60.1	226.2	18,200*	190
200	50.9	227.8	26,500*	54.1	224.1	24,400*	57.4	217.4	17,600*	200	
210	48.2	218.5	25,300	51.4	214.7	23,500*	54.6	207.7	17,100*	210	
220	45.4	208.3	23,100	48.5	204.2	22,600*	51.6	197.0	16,700*	220	
230	42.5	197.0	21,200	45.5	192.7	21,800*	48.5	185.0	16,300*	230	
240	39.3	184.4	19,400	42.3	179.8	20,000				240	
250	35.9	170.2	17,800	38.8	165.1	18,300				250	
260	32.1	153.9	16,300	34.9	148.3	16,700				260	
270	27.9	134.7	14,900							270	
200	70	80.2	304.4	40,700*							70
	75	79.3	303.3	40,000*							75
	80	78.3	302.1	39,400*							80
	85	77.3	300.8	38,800*	80.7	297.9	34,500*				85
	90	76.3	299.4	38,200*	79.7	296.5	34,000*				90
	95	75.3	297.9	37,600*	78.7	295.0	33,500*				95
	100	74.3	296.4	37,000*	77.7	293.4	33,000*				100
	105	73.3	294.7	36,400*	76.7	291.7	32,400*	80.5	285.9	25,700*	105
	110	72.3	292.9	35,900*	75.7	289.9	31,900*	79.4	284.1	25,100*	110
	115	71.3	291.0	35,300*	74.7	288.0	31,400*	78.4	282.2	24,500*	115
	120	70.3	289.0	34,800*	73.7	286.0	31,000*	77.3	280.2	24,000*	120
	125	69.3	287.0	34,300*	72.6	283.9	30,500*	76.3	278.1	23,500*	125
	130	68.2	284.8	33,800*	71.6	281.7	30,000*	75.2	275.8	23,000*	130
	140	66.1	280.1	32,700*	69.4	276.9	29,100*	73.0	271.0	22,100*	140
	150	64.0	274.9	31,600*	67.3	271.7	28,300*	70.8	265.7	21,200*	150
	160	61.8	269.2	30,600*	65.1	266.0	27,500*	68.5	259.9	20,400*	160
	170	59.6	263.1	29,600*	62.8	259.7	26,700*	66.2	253.5	19,700*	170
	180	57.3	256.3	28,700*	60.5	252.9	26,000*	63.8	246.6	19,100*	180
	190	54.9	249.0	27,800*	58.1	245.5	25,300*	61.4	239.0	18,500*	190
	200	52.5	241.0	26,900	55.6	237.3	24,700*	58.8	230.7	17,900*	200
210	50.0	232.3	24,600	53.1	228.5	24,100*	56.2	221.5	17,400*	210	
220	47.3	222.7	22,400	50.4	218.7	23,200*	53.4	211.5	16,900*	220	
230	44.6	212.2	20,500	47.6	208.0	21,300	50.5	200.5	16,500*	230	
240	41.7	200.6	18,700	44.6	196.1	19,400	47.4	188.2	16,200*	240	
250	38.6	187.7	17,000	41.4	182.9	17,700				250	
260	35.2	173.1	15,500	38.0	167.9	16,100				260	
270	31.5	156.5	14,100	34.2	150.7	14,600				270	
280	27.4	137.0	12,800							280	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
2 1 0	70	80.6	314.7	40,900*							70
	75	79.6	313.6	40,300*							75
	80	78.7	312.4	39,600*							80
	85	77.7	311.2	39,000*							85
	90	76.8	309.8	38,400*	80.1	306.9	34,200*				90
	95	75.8	308.4	37,800*	79.1	305.4	33,700*				95
	100	74.9	306.8	37,300*	78.2	303.9	33,200*				100
	105	73.9	305.2	36,700*	77.2	302.2	32,700*	80.8	296.4	25,900*	105
	110	72.9	303.5	36,200*	76.2	300.5	32,200*	79.8	294.6	25,300*	110
	115	71.9	301.7	35,700*	75.2	298.7	31,700*	78.8	292.8	24,800*	115
	120	71.0	299.8	35,100*	74.2	296.7	31,200*	77.8	290.8	24,200*	120
	125	70.0	297.8	34,600*	73.2	294.7	30,700*	76.7	288.8	23,700*	125
	130	69.0	295.7	34,100*	72.2	292.6	30,200*	75.7	286.6	23,200*	130
	140	66.9	291.2	33,100*	70.2	288.0	29,400*	73.6	282.0	22,300*	140
	150	64.9	286.2	32,000*	68.1	283.0	28,600*	71.5	276.9	21,500*	150
	160	62.8	280.8	31,000*	66.0	277.5	27,800*	69.3	271.4	20,700*	160
	170	60.7	274.9	30,100*	63.8	271.5	27,000*	67.1	265.3	20,000*	170
	180	58.5	268.5	29,100*	61.6	265.0	26,300*	64.9	258.6	19,400*	180
	190	56.2	261.5	28,300*	59.3	257.9	25,600*	62.5	251.4	18,700*	190
	200	53.9	253.9	26,400*	57.0	250.2	25,000*	60.1	243.6	18,200*	200
	210	51.6	245.6	24,000*	54.6	241.8	24,400*	57.6	235.0	17,700*	210
	220	49.1	236.6	21,900*	52.1	232.7	22,800*	55.0	225.6	17,200*	220
	230	46.5	226.8	19,900*	49.4	222.7	20,800*	52.3	215.3	16,800*	230
	240	43.8	216.0	18,200*	46.7	211.7	18,900*	49.5	203.9	16,400*	240
	250	40.9	204.1	16,500*	43.7	199.5	17,200*	46.4	191.3	16,000*	250
	260	37.9	190.9	15,000*	40.6	186.0	15,600*				260
	270	34.6	176.1	13,600*	37.2	170.7	14,100*				270
	280	31.0	159.1	12,300*	33.5	153.0	12,700*				280
2 2 0	70	80.8	324.9	41,100*							70
	75	79.9	323.8	40,500*							75
	80	79.0	322.7	39,900*							80
	85	78.1	321.5	39,300*							85
	90	77.2	320.2	38,700*	80.4	317.2	34,300*				90
	95	76.3	318.8	38,100*	79.5	315.8	33,900*				95
	100	75.3	317.3	37,600*	78.5	314.3	33,400*				100
	105	74.4	315.7	37,000*	77.6	312.7	32,900*				105
	110	73.5	314.1	36,500*	76.7	311.0	32,400*	80.1	305.1	25,500*	110
	115	72.5	312.3	36,000*	75.7	309.3	31,900*	79.2	303.3	25,000*	115
	120	71.6	310.5	35,500*	74.7	307.4	31,400*	78.2	301.4	24,500*	120
	125	70.6	308.6	35,000*	73.8	305.5	31,000*	77.2	299.5	24,000*	125
	130	69.7	306.5	34,500*	72.8	303.4	30,500*	76.2	297.4	23,500*	130
	140	67.7	302.2	33,500*	70.8	299.0	29,700*	74.2	292.9	22,600*	140
	150	65.7	297.4	32,500*	68.8	294.2	28,800*	72.2	288.0	21,700*	150
	160	63.7	292.2	31,500*	66.8	288.9	28,100*	70.1	282.7	21,000*	160
	170	61.7	286.5	30,500*	64.7	283.2	27,300*	68.0	276.9	20,300*	170
	180	59.6	280.4	29,600*	62.6	277.0	26,600*	65.8	270.6	19,600*	180
	190	57.5	273.7	28,400*	60.5	270.2	26,000*	63.6	263.7	19,000*	190
	200	55.3	266.5	25,700*	58.2	262.9	25,300*	61.3	256.2	18,500*	200
	210	53.0	258.7	23,300*	55.9	254.9	24,500*	58.9	248.1	17,900*	210
	220	50.7	250.1	21,200*	53.6	246.3	22,200*	56.5	239.2	17,500*	220
	230	48.2	240.9	19,200*	51.1	236.9	20,200*	53.9	229.5	17,000*	230
	240	45.7	230.8	17,400*	48.5	226.6	18,300*	51.3	219.0	16,600*	240
	250	43.0	219.7	15,800*	45.8	215.3	16,500*	48.5	207.3	16,300*	250
	260	40.2	207.6	14,300*	42.9	202.9	15,000*	45.5	194.4	15,600*	260
	270	37.3	194.1	12,900*	39.9	189.0	13,500*				270
	280	34.0	178.9	11,600*	36.5	173.4	12,100*				280
290	30.5	161.6	10,400*							290	



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	75	80.2	334.0	40,700*							75
	80	79.4	332.9	40,100*							80
	85	78.5	331.8	39,500*							85
	90	77.6	330.5	38,900*	80.7	327.5	34,500*				90
	95	76.7	329.2	38,400*	79.8	326.1	34,000*				95
	100	75.8	327.7	37,800*	78.9	324.7	33,600*				100
	105	74.9	326.2	37,300*	78.0	323.2	33,100*				105
	110	74.0	324.6	36,800*	77.1	321.5	32,600*	80.5	315.5	25,700*	110
	115	73.1	322.9	36,300*	76.2	319.8	32,100*	79.5	313.8	25,200*	115
	120	72.2	321.2	35,800*	75.2	318.0	31,700*	78.6	312.0	24,700*	120
	125	71.2	319.3	35,300*	74.3	316.2	31,200*	77.6	310.1	24,200*	125
	130	70.3	317.3	34,800*	73.4	314.2	30,800*	76.7	308.1	23,700*	130
	140	68.4	313.1	33,900*	71.5	309.9	29,900*	74.7	303.8	22,800*	140
	150	66.5	308.5	32,800*	69.5	305.3	29,100*	72.8	299.1	22,000*	150
	160	64.6	303.5	31,900*	67.6	300.2	28,300*	70.8	294.0	21,200*	160
	170	62.6	298.1	31,000*	65.6	294.7	27,600*	68.7	288.4	20,500*	170
	180	60.6	292.2	30,000*	63.6	288.8	26,900*	66.7	282.3	19,900*	180
	190	58.6	285.8	27,700	61.5	282.3	26,300*	64.5	275.7	19,300*	190
	200	56.5	278.9	25,000	59.4	275.3	25,700*	62.4	268.6	18,700*	200
	210	54.3	271.4	22,700	57.2	267.7	23,900	60.1	260.9	18,200*	210
	220	52.1	263.3	20,500	54.9	259.5	21,600	57.8	252.5	17,700*	220
	230	49.8	254.6	18,500	52.6	250.6	19,600	55.4	243.4	17,300*	230
	240	47.4	245.1	16,800	50.2	240.9	17,700	52.9	233.4	16,900*	240
	250	44.9	234.7	15,100	47.6	230.4	15,900	50.3	222.6	16,500*	250
	260	42.3	223.4	13,600	45.0	218.9	14,400	47.5	210.6	15,100	260
	270	39.6	211.0	12,200	42.2	206.1	12,900				270
	280	36.6	197.2	10,900	39.1	192.0	11,500				280
	290	33.5	181.7	9,700	35.9	176.0	10,200				290
	300	29.9	164.1	8,600							300
	240	75	80.5	344.2	40,900*						
80		79.7	343.2	40,300*							80
85		78.8	342.0	39,700*							85
90		78.0	340.8	39,200*	81.0	337.8	34,600*				90
95		77.1	339.5	38,600*	80.1	336.4	34,200*				95
100		76.2	338.1	38,100*	79.2	335.1	33,700*				100
105		75.3	336.7	37,600*	78.4	333.6	33,300*				105
110		74.5	335.1	37,000*	77.5	332.0	32,800*	80.8	325.9	25,900*	110
115		73.6	333.5	36,600*	76.6	330.4	32,300*	79.8	324.3	25,400*	115
120		72.7	331.8	36,100*	75.7	328.6	31,900*	78.9	322.5	24,900*	120
125		71.8	330.0	35,600*	74.8	326.8	31,400*	78.0	320.7	24,400*	125
130		70.9	328.1	35,100*	73.9	324.9	31,000*	77.1	318.7	23,900*	130
140		69.1	324.0	34,200*	72.1	320.8	30,200*	75.2	314.6	23,000*	140
150		67.3	319.6	33,200*	70.2	316.3	29,400*	73.3	310.1	22,200*	150
160		65.4	314.8	32,300*	68.3	311.4	28,600*	71.4	305.1	21,500*	160
170		63.5	309.5	31,400*	66.4	306.1	27,900*	69.5	299.7	20,800*	170
180		61.6	303.9	30,000	64.5	300.4	27,200*	67.5	293.9	20,100*	180
190		59.6	297.7	27,000	62.5	294.2	26,600*	65.4	287.6	19,500*	190
200		57.6	291.1	24,300	60.4	287.5	25,700	63.3	280.8	19,000*	200
210		55.6	284.0	21,900	58.3	280.3	23,200	61.2	273.4	18,400*	210
220		53.4	276.3	19,800	56.2	272.5	21,000	59.0	265.5	18,000*	220
230		51.3	268.0	17,800	54.0	264.0	18,900	56.7	256.8	17,500*	230
240		49.0	259.0	16,000	51.7	254.9	17,000	54.4	247.5	17,100*	240
250		46.7	249.2	14,400	49.3	245.0	15,300	51.9	237.3	16,200	250
260		44.2	238.6	12,900	46.8	234.2	13,700	49.3	226.1	14,500	260
270		41.7	227.0	11,500	44.2	222.4	12,200	46.6	213.9	12,900	270
280		38.9	214.3	10,200	41.4	209.3	10,800				280
290		36.0	200.3	9,000	38.5	194.9	9,500				290
300		32.9	184.5	7,900	35.2	178.6	8,300				300
310		29.5	166.5	6,800							310



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
250	75	80.8	354.4	41,100*							75
	80	80.0	353.4	40,500*							80
	85	79.1	352.3	39,900*							85
	90	78.3	351.1	39,400*							90
	95	77.5	349.9	38,800*	80.4	346.8	34,300*				95
	100	76.6	348.5	38,300*	79.6	345.4	33,900*				100
	105	75.8	347.1	37,800*	78.7	344.0	33,400*				105
	110	74.9	345.6	37,300*	77.8	342.5	33,000*				110
	115	74.1	344.0	36,800*	77.0	340.9	32,500*	80.2	334.7	25,600*	115
	120	73.2	342.4	36,300*	76.1	339.2	32,100*	79.3	333.0	25,100*	120
	125	72.4	340.6	35,900*	75.2	337.4	31,700*	78.4	331.2	24,600*	125
	130	71.5	338.8	35,400*	74.4	335.6	31,200*	77.5	329.3	24,100*	130
	140	69.7	334.8	34,500*	72.6	331.6	30,400*	75.7	325.3	23,300*	140
	150	68.0	330.6	33,600*	70.8	327.3	29,600*	73.9	321.0	22,400*	150
	160	66.2	325.9	32,600*	69.0	322.6	28,900*	72.0	316.2	21,700*	160
	170	64.3	320.9	31,700*	67.2	317.5	28,200*	70.1	311.0	21,000*	170
	180	62.5	315.4	29,600	65.3	311.9	27,500*	68.2	305.4	20,400*	180
	190	60.6	309.5	26,700	63.4	306.0	26,900*	66.3	299.4	19,800*	190
	200	58.7	303.2	24,000	61.4	299.6	25,500	64.3	292.8	19,200*	200
	210	56.7	296.3	21,600	59.4	292.6	22,900	62.2	285.8	18,700*	210
	220	54.7	289.0	19,400	57.4	285.2	20,700	60.1	278.2	18,200*	220
	230	52.6	281.0	17,500	55.3	277.1	18,600	57.9	270.0	17,800*	230
	240	50.4	272.5	15,700	53.1	268.5	16,700	55.7	261.1	17,300*	240
	250	48.2	263.2	14,000	50.8	259.1	15,000	53.4	251.5	16,000	250
	260	45.9	253.3	12,500	48.5	248.9	13,400	51.0	241.0	14,300	260
	270	43.5	242.4	11,100	46.0	237.9	11,900	48.4	229.6	12,700	270
	280	41.0	230.6	9,800	43.5	225.8	10,500	45.8	217.1	11,200	280
	290	38.3	217.6	8,600	40.7	212.5	9,300				290
	300	35.5	203.3	7,500	37.8	197.8	8,100				300
	310	32.4	187.2	6,500	34.6	181.2	6,900				310
	320	29.0	168.9	5,400*							320
	260	80	80.3	363.6	40,700*						
85		79.5	362.5	40,100*							85
90		78.6	361.4	39,600*							90
95		77.8	360.2	39,100*	80.7	357.0	34,400*				95
100		77.0	358.9	38,500*	79.9	355.7	34,000*				100
105		76.2	357.5	38,000*	79.0	354.3	33,600*				105
110		75.4	356.0	37,600*	78.2	352.9	33,200*				110
115		74.5	354.5	37,100*	77.4	351.3	32,700*	80.4	345.1	25,700*	115
120		73.7	352.9	36,600*	76.5	349.7	32,300*	79.6	343.5	25,300*	120
125		72.9	351.2	36,100*	75.7	348.0	31,900*	78.7	341.7	24,800*	125
130		72.0	349.4	35,700*	74.8	346.2	31,500*	77.9	339.9	24,300*	130
140		70.3	345.6	34,800*	73.1	342.4	30,700*	76.1	336.0	23,500*	140
150		68.6	341.5	33,900*	71.4	338.2	29,900*	74.4	331.8	22,700*	150
160		66.9	337.0	33,000*	69.6	333.6	29,100*	72.6	327.2	21,900*	160
170		65.1	332.1	32,100*	67.9	328.7	28,400*	70.8	322.2	21,200*	170
180		63.3	326.8	28,900	66.0	323.4	27,800*	68.9	316.8	20,600*	180
190		61.5	321.2	25,900	64.2	317.6	27,100*	67.0	311.0	20,000*	190
200		59.6	315.1	23,300	62.3	311.5	24,800	65.1	304.7	19,400*	200
210		57.8	308.5	20,900	60.4	304.8	22,300	63.1	298.0	18,900*	210
220		55.8	301.4	18,700	58.4	297.7	20,000	61.1	290.7	18,400*	220
230		53.8	293.9	16,700	56.4	290.0	18,000	59.1	282.8	18,000*	230
240		51.8	285.7	14,900	54.4	281.7	16,100	56.9	274.4	17,200	240
250		49.7	276.9	13,300	52.2	272.8	14,300	54.7	265.3	15,400	250
260		47.5	267.5	11,800	50.0	263.2	12,700	52.5	255.4	13,700	260
270		45.2	257.2	10,400	47.7	252.8	11,200	50.1	244.7	12,100	270
280		42.9	246.2	9,100	45.3	241.5	9,900	47.6	233.1	10,700	280
290		40.4	234.1	7,900	42.7	229.2	8,600				290
300		37.8	220.9	6,800	40.1	215.6	7,400				300
310		34.9	206.2	5,700	37.2	200.6	6,300				310
320		31.9	189.9	4,700	34.0	183.7	5,200				320

MANITOWOC CRANES, INC.

Manitowoc, Wisconsin 54220 U.S.A.



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
270	80	80.5	373.8	40,900*							80
	85	79.7	372.8	40,300*							85
	90	79.0	371.7	39,800*							90
	95	78.2	370.5	39,300*	80.9	367.3	34,600*				95
	100	77.4	369.2	38,800*	80.1	366.0	34,200*				100
	105	76.6	367.9	38,300*	79.3	364.7	33,800*				105
	110	75.8	366.5	37,800*	78.5	363.3	33,300*				110
	115	75.0	365.0	37,300*	77.7	361.8	32,900*	80.7	355.5	25,800*	115
	120	74.2	363.4	36,800*	76.9	360.2	32,500*	79.9	353.9	25,400*	120
	125	73.3	361.8	36,400*	76.1	358.5	32,000*	79.1	352.2	25,000*	125
	130	72.5	360.0	35,900*	75.3	356.8	31,600*	78.2	350.5	24,500*	130
	140	70.9	356.4	35,100*	73.6	353.1	30,900*	76.5	346.7	23,700*	140
	150	69.2	352.3	34,200*	71.9	349.0	30,100*	74.8	342.6	22,900*	150
	160	67.5	348.0	33,400*	70.2	344.6	29,400*	73.1	338.2	22,100*	160
	170	65.8	343.3	31,700	68.5	339.9	28,700*	71.3	333.3	21,500*	170
	180	64.1	338.2	28,300	66.8	334.7	28,000*	69.6	328.1	20,800*	180
	190	62.4	332.7	25,300	65.0	329.2	27,100	67.7	322.5	20,200*	190
	200	60.6	326.8	22,600	63.2	323.2	24,200	65.9	316.5	19,700*	200
	210	58.7	320.5	20,200	61.3	316.8	21,700	64.0	310.0	19,100*	210
	220	56.9	313.7	18,000	59.4	310.0	19,400	62.1	303.0	18,700*	220
	230	55.0	306.5	16,100	57.5	302.6	17,400	60.1	295.5	18,200*	230
	240	53.0	298.7	14,300	55.5	294.7	15,500	58.1	287.4	16,700	240
	250	51.0	290.3	12,600	53.5	286.2	13,700	56.0	278.8	14,900	250
	260	48.9	281.3	11,100	51.4	277.1	12,100	53.8	269.4	13,200	260
	270	46.8	271.6	9,700	49.2	267.3	10,600	51.6	259.3	11,600	270
	280	44.6	261.2	8,400	46.9	256.6	9,300	49.2	248.4	10,100	280
	290	42.2	249.9	7,200	44.6	245.1	8,000	46.8	236.5	8,700	290
	300	39.8	237.5	6,100	42.1	232.5	6,800				300
310	37.2	224.1	5,000	39.4	218.7	5,700				310	
320	34.4	209.2	4,100	36.6	203.4	4,600				320	



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
190	70	80.5	314.8	32,800*							70
	75	79.5	313.7	32,100*							75
	80	78.6	312.6	31,500*							80
	85	77.7	311.3	30,800*							85
	90	76.7	310.0	30,100*	81.0	307.4	24,300*				90
	95	75.7	308.5	29,500*	80.0	306.0	23,800*				95
	100	74.8	307.0	28,800*	79.0	304.5	23,300*				100
	105	73.8	305.4	28,200*	78.1	302.9	22,800*				105
	110	72.8	303.7	27,600*	77.1	301.2	22,300*				110
	115	71.9	301.9	27,000*	76.1	299.4	21,800*	80.3	292.8	18,500*	115
	120	70.9	300.0	26,400*	75.1	297.5	21,400*	79.2	290.9	18,200*	120
	125	69.9	298.0	25,800*	74.1	295.5	20,900*	78.2	288.8	17,800*	125
	130	68.9	295.9	25,200*	73.1	293.4	20,500*	77.2	286.7	17,500*	130
	140	66.9	291.3	24,100*	71.1	288.8	19,700*	75.1	282.0	16,900*	140
	150	64.8	286.4	23,000*	69.0	283.9	18,900*	73.0	276.9	16,300*	150
	160	62.7	281.0	22,000*	66.9	278.5	18,100*	70.8	271.4	15,700*	160
	170	60.6	275.1	21,100*	64.7	272.6	17,500*	68.6	265.3	15,200*	170
	180	58.4	268.6	20,200*	62.5	266.1	16,800*	66.3	258.7	14,700*	180
	190	56.2	261.7	19,300*	60.3	259.1	16,200*	64.0	251.5	14,200*	190
	200	53.9	254.1	18,500*	57.9	251.5	15,600*	61.6	243.6	13,800*	200
	210	51.5	245.8	17,700*	55.5	243.2	15,000*	59.1	235.0	13,400*	210
	220	49.0	236.8	17,000*	53.0	234.2	14,500*	56.5	225.6	13,100*	220
	230	46.5	227.0	16,300*	50.4	224.3	14,000*	53.8	215.3	12,700*	230
	240	43.8	216.2	15,700*	47.7	213.4	13,600*	50.9	204.0	12,400*	240
	250	40.9	204.4	15,100*	44.8	201.4	13,200*	47.9	191.4	12,200*	250
	260	37.9	191.2	14,500*	41.7	188.1	12,800*	44.6	177.2	12,000*	260
	270	34.6	176.3	14,000*	38.4	173.0	12,500*				270
	280	31.0	159.4	13,500*	34.7	155.8	12,200*				280
	290	26.9	139.5	12,700							290
200	70	80.8	325.0	33,000*							70
	75	79.9	324.0	32,400*							75
	80	79.0	322.8	31,700*							80
	85	78.0	321.6	31,100*							85
	90	77.1	320.3	30,400*							90
	95	76.2	318.9	29,800*	80.3	316.4	23,900*				95
	100	75.3	317.5	29,200*	79.4	314.9	23,500*				100
	105	74.3	315.9	28,600*	78.4	313.3	23,000*				105
	110	73.4	314.3	27,900*	77.5	311.7	22,500*				110
	115	72.5	312.5	27,300*	76.5	309.9	22,100*	80.6	303.3	18,600*	115
	120	71.5	310.7	26,800*	75.6	308.1	21,600*	79.6	301.4	18,300*	120
	125	70.6	308.7	26,200*	74.6	306.2	21,200*	78.6	299.4	18,000*	125
	130	69.6	306.7	25,600*	73.7	304.2	20,700*	77.6	297.4	17,600*	130
	140	67.7	302.4	24,500*	71.7	299.8	19,900*	75.6	292.9	17,000*	140
	150	65.7	297.6	23,500*	69.7	295.0	19,200*	73.6	288.0	16,400*	150
	160	63.7	292.4	22,500*	67.7	289.8	18,400*	71.5	282.7	15,900*	160
	170	61.6	286.7	21,500*	65.6	284.2	17,700*	69.4	276.9	15,400*	170
	180	59.5	280.6	20,600*	63.5	278.0	17,100*	67.2	270.5	14,900*	180
	190	57.4	273.9	19,800*	61.4	271.3	16,500*	65.0	263.7	14,400*	190
	200	55.2	266.7	18,900*	59.1	264.1	15,900*	62.7	256.2	14,000*	200
	210	52.9	258.9	18,200*	56.9	256.2	15,300*	60.4	248.0	13,600*	210
	220	50.6	250.4	17,500*	54.5	247.6	14,800*	57.9	239.2	13,200*	220
	230	48.2	241.1	16,800*	52.0	238.3	14,300*	55.4	229.5	12,900*	230
	240	45.7	231.0	16,100*	49.5	228.2	13,900*	52.7	218.9	12,600*	240
	250	43.0	220.0	15,500*	46.8	217.0	13,500*	49.9	207.3	12,400*	250
	260	40.2	207.8	14,900*	43.9	204.8	13,100*	46.9	194.4	12,100*	260
	270	37.2	194.3	14,400*	40.9	191.1	12,700*				270
	280	34.0	179.2	13,100	37.6	175.8	12,400*				280
	290	30.4	161.9	11,900	34.0	158.2	12,200*				290
300	26.4	141.7	10,800							300	



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	75	80.2	334.2	32,600*							75
	80	79.3	333.1	32,000*							80
	85	78.4	331.9	31,300*							85
	90	77.5	330.7	30,700*							90
	95	76.6	329.3	30,100*	80.6	326.7	24,100*				95
	100	75.7	327.9	29,500*	79.7	325.3	23,600*				100
	105	74.8	326.4	28,900*	78.8	323.8	23,200*				105
	110	73.9	324.8	28,300*	77.9	322.2	22,700*				110
	115	73.0	323.1	27,700*	77.0	320.5	22,300*	80.9	313.7	18,700*	115
	120	72.1	321.3	27,100*	76.1	318.7	21,800*	79.9	311.9	18,400*	120
	125	71.2	319.5	26,500*	75.1	316.9	21,400*	79.0	310.0	18,100*	125
	130	70.2	317.5	26,000*	74.2	314.9	21,000*	78.0	308.0	17,800*	130
	140	68.4	313.3	24,900*	72.3	310.7	20,200*	76.1	303.7	17,200*	140
	150	66.5	308.7	23,900*	70.4	306.1	19,400*	74.1	299.0	16,600*	150
	160	64.5	303.7	22,900*	68.4	301.1	18,700*	72.2	293.9	16,000*	160
	170	62.6	298.3	22,000*	66.5	295.7	18,000*	70.1	288.3	15,500*	170
	180	60.6	292.4	21,100*	64.4	289.7	17,400*	68.0	282.2	15,000*	180
	190	58.5	286.0	20,200*	62.4	283.3	16,700*	65.9	275.7	14,600*	190
	200	56.4	279.1	19,400*	60.2	276.4	16,200*	63.7	268.5	14,200*	200
	210	54.3	271.6	18,600*	58.1	268.9	15,600*	61.5	260.8	13,800*	210
	220	52.1	263.6	17,900*	55.8	260.8	15,100*	59.2	252.4	13,400*	220
	230	49.8	254.8	17,200*	53.5	252.0	14,600*	56.8	243.3	13,100*	230
	240	47.4	245.3	16,500*	51.1	242.4	14,100*	54.3	233.4	12,800*	240
	250	44.9	235.0	15,900*	48.6	232.0	13,700*	51.6	222.5	12,500*	250
	260	42.3	223.7	15,300*	45.9	220.6	13,300*	48.9	210.6	12,300*	260
	270	39.5	211.2	13,900	43.1	208.1	13,000*	45.9	197.3	12,100*	270
280	36.6	197.5	12,600	40.2	194.1	12,600*				280	
290	33.4	182.0	11,400	36.9	178.4	12,100				290	
300	29.9	164.4	10,300	33.3	160.5	10,800				300	
310	26.0	143.8	9,200*							310	
220	75	80.5	344.4	32,800*							75
	80	79.6	343.3	32,200*							80
	85	78.8	342.2	31,600*							85
	90	77.9	341.0	31,000*							90
	95	77.0	339.7	30,400*	80.9	337.0	24,300*				95
	100	76.2	338.3	29,800*	80.0	335.6	23,800*				100
	105	75.3	336.8	29,200*	79.2	334.2	23,300*				105
	110	74.4	335.3	28,600*	78.3	332.6	22,900*				110
	115	73.5	333.7	28,000*	77.4	331.0	22,400*				115
	120	72.6	331.9	27,500*	76.5	329.3	22,000*	80.3	322.4	18,500*	120
	125	71.8	330.1	26,900*	75.6	327.5	21,600*	79.4	320.6	18,200*	125
	130	70.9	328.2	26,400*	74.7	325.6	21,200*	78.4	318.6	17,900*	130
	140	69.0	324.2	25,300*	72.9	321.5	20,400*	76.6	314.5	17,300*	140
	150	67.2	319.8	24,300*	71.0	317.1	19,600*	74.7	310.0	16,700*	150
	160	65.4	314.9	23,300*	69.1	312.3	18,900*	72.7	305.0	16,200*	160
	170	63.5	309.7	22,400*	67.2	307.0	18,300*	70.8	299.6	15,700*	170
	180	61.5	304.0	21,500*	65.3	301.4	17,600*	68.8	293.8	15,200*	180
	190	59.6	297.9	20,600*	63.3	295.2	17,000*	66.8	287.5	14,800*	190
	200	57.6	291.3	19,800*	61.3	288.6	16,400*	64.7	280.7	14,400*	200
	210	55.5	284.2	19,000*	59.2	281.4	15,900*	62.5	273.3	14,000*	210
	220	53.4	276.5	18,300*	57.1	273.7	15,400*	60.3	265.3	13,600*	220
	230	51.2	268.2	17,600*	54.9	265.3	14,900*	58.1	256.7	13,300*	230
	240	49.0	259.2	17,000*	52.6	256.3	14,400*	55.7	247.3	13,000*	240
	250	46.6	249.4	16,000	50.2	246.5	14,000*	53.2	237.1	12,700*	250
	260	44.2	238.8	14,500	47.7	235.8	13,600*	50.6	226.0	12,400*	260
	270	41.6	227.3	13,100	45.1	224.1	13,200*	47.9	213.8	12,200*	270
280	38.9	214.6	11,900	42.4	211.3	12,700	45.0	200.2	12,000*	280	
290	36.0	200.5	10,700	39.4	197.1	11,400				290	
300	32.9	184.8	9,600	36.3	181.1	10,200				300	
310	29.4	166.9	8,500	32.7	162.8	9,100				310	



LIFT CRANE JIB CAPACITIES

MEETS
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REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACI TY POUNDS	
230	75	80.7	354.6	32,900*							75
	80	79.9	353.6	32,400*							80
	85	79.1	352.5	31,800*							85
	90	78.2	351.3	31,200*							90
	95	77.4	350.0	30,600*							95
	100	76.6	348.7	30,000*	80.3	345.9	23,900*				100
	105	75.7	347.3	29,500*	79.5	344.5	23,500*				105
	110	74.9	345.8	28,900*	78.6	343.0	23,000*				110
	115	74.0	344.2	28,300*	77.8	341.5	22,600*				115
	120	73.2	342.5	27,800*	76.9	339.8	22,200*	80.6	332.9	18,600*	120
	125	72.3	340.8	27,200*	76.0	338.1	21,800*	79.7	331.1	18,300*	125
	130	71.4	338.9	26,700*	75.1	336.2	21,400*	78.8	329.2	18,000*	130
	140	69.7	335.0	25,700*	73.4	332.3	20,600*	77.0	325.2	17,400*	140
	150	67.9	330.7	24,600*	71.6	328.0	19,900*	75.2	320.8	16,900*	150
	160	66.1	326.1	23,700*	69.8	323.4	19,200*	73.3	316.1	16,300*	160
	170	64.3	321.0	22,800*	67.9	318.3	18,500*	71.4	310.9	15,800*	170
	180	62.4	315.6	21,900*	66.1	312.9	17,900*	69.5	305.3	15,400*	180
	190	60.5	309.7	21,000*	64.2	307.0	17,300*	67.5	299.2	14,900*	190
	200	58.6	303.3	20,200*	62.2	300.6	16,700*	65.5	292.7	14,500*	200
	210	56.6	296.5	19,500*	60.2	293.7	16,200*	63.5	285.6	14,100*	210
	220	54.6	289.2	18,700*	58.2	286.3	15,600*	61.4	278.0	13,800*	220
	230	52.5	281.2	18,000*	56.1	278.4	15,200*	59.2	269.8	13,400*	230
	240	50.4	272.7	17,000	53.9	269.8	14,700*	57.0	260.9	13,100*	240
	250	48.2	263.5	15,400	51.7	260.5	14,300*	54.7	251.3	12,800*	250
	260	45.9	253.5	13,900	49.4	250.5	13,900*	52.2	240.8	12,600*	260
	270	43.5	242.7	12,500	46.9	239.5	13,500*	49.7	229.4	12,300*	270
	280	41.0	230.8	11,200	44.4	227.6	12,100	47.0	216.9	12,100*	280
	290	38.3	217.9	10,000	41.7	214.5	10,800	44.2	203.1	11,400	290
	300	35.5	203.6	8,900	38.8	200.0	9,600				300
	310	32.4	187.5	7,800	35.6	183.7	8,500				310
	320	29.0	169.3	6,900	32.2	165.0	7,400				320
	240	80	80.2	363.8	32,600*						
85		79.4	362.7	32,000*							85
90		78.6	361.6	31,400*							90
95		77.8	360.3	30,900*							95
100		76.9	359.0	30,300*	80.6	356.3	24,100*				100
105		76.1	357.7	29,700*	79.8	354.9	23,600*				105
110		75.3	356.2	29,200*	78.9	353.4	23,200*				110
115		74.5	354.7	28,600*	78.1	351.9	22,800*				115
120		73.6	353.1	28,100*	77.3	350.3	22,400*	80.8	343.3	18,700*	120
125		72.8	351.4	27,500*	76.4	348.6	22,000*	80.0	341.5	18,400*	125
130		72.0	349.6	27,000*	75.6	346.8	21,600*	79.1	339.7	18,100*	130
140		70.3	345.8	26,000*	73.9	343.0	20,800*	77.4	335.9	17,500*	140
150		68.6	341.7	25,000*	72.1	338.9	20,100*	75.6	331.6	17,000*	150
160		66.8	337.2	24,000*	70.4	334.4	19,400*	73.8	327.0	16,500*	160
170		65.1	332.3	23,100*	68.6	329.5	18,700*	72.0	322.0	16,000*	170
180		63.3	327.0	22,300*	66.8	324.3	18,100*	70.2	316.6	15,500*	180
190		61.5	321.3	21,400*	65.0	318.6	17,500*	68.3	310.8	15,100*	190
200		59.6	315.2	20,600*	63.1	312.4	17,000*	66.4	304.5	14,700*	200
210		57.7	308.7	19,900*	61.2	305.9	16,400*	64.4	297.8	14,300*	210
220		55.8	301.6	19,100*	59.2	298.8	15,900*	62.4	290.5	13,900*	220
230		53.8	294.1	18,100	57.2	291.2	15,400*	60.3	282.6	13,600*	230
240		51.7	285.9	16,300	55.2	283.0	15,000*	58.2	274.2	13,300*	240
250		49.6	277.1	14,600	53.0	274.2	14,500*	56.0	265.1	13,000*	250
260		47.5	267.7	13,100	50.8	264.7	14,100*	53.7	255.2	12,700*	260
270		45.2	257.5	11,700	48.5	254.4	12,800	51.3	244.5	12,500*	270
280		42.8	246.4	10,500	46.2	243.2	11,400	48.8	232.8	12,300*	280
290		40.3	234.4	9,300	43.6	231.0	10,200	46.2	220.0	10,900	290
300		37.7	221.1	8,100	41.0	217.6	9,000				300
310		34.9	206.5	7,100	38.1	202.8	7,800				310
320		31.9	190.2	6,100	35.0	186.2	6,800				320
330		28.5	171.6	5,000*							330



LIFT CRANE JIB CAPACITIES

MEETS
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REQUIREMENTS

M-250T

**JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44A WITH LONG REACH TOP
177,600 LB. CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET	
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS		
250	80	80.5	374.0	32,800*							80	
	85	79.7	372.9	32,200*							85	
	90	78.9	371.8	31,700*							90	
	95	78.1	370.6	31,100*							95	
	100	77.3	369.4	30,600*	80.9	366.5	24,200*				100	
	105	76.5	368.0	30,000*	80.1	365.2	23,800*				105	
	110	75.7	366.6	29,400*	79.3	363.8	23,400*				110	
	115	74.9	365.1	28,900*	78.4	362.3	23,000*				115	
	120	74.1	363.6	28,400*	77.6	360.8	22,600*				120	
	125	73.3	361.9	27,900*	76.8	359.1	22,200*	80.3	352.0	18,500*	125	
	130	72.5	360.2	27,300*	76.0	357.4	21,800*	79.4	350.2	18,200*	130	
	140	70.8	356.5	26,300*	74.3	353.7	21,000*	77.8	346.5	17,700*	140	
	150	69.2	352.5	25,400*	72.7	349.7	20,300*	76.0	342.4	17,100*	150	
	160	67.5	348.2	24,400*	71.0	345.4	19,600*	74.3	337.9	16,600*	160	
	170	65.8	343.4	23,500*	69.3	340.6	19,000*	72.6	333.1	16,100*	170	
	180	64.1	338.4	22,600*	67.5	335.6	18,400*	70.8	327.9	15,700*	180	
	190	62.3	332.9	21,800*	65.7	330.1	17,800*	69.0	322.3	15,200*	190	
	200	60.5	327.0	21,000*	63.9	324.2	17,200*	67.1	316.2	14,800*	200	
	210	58.7	320.7	20,300*	62.1	317.8	16,700*	65.2	309.7	14,500*	210	
	220	56.8	313.9	19,500*	60.2	311.0	16,200*	63.3	302.7	14,100*	220	
	230	54.9	306.7	17,700	58.3	303.7	15,700*	61.3	295.2	13,800*	230	
	240	53.0	298.9	15,900	56.3	295.9	15,200*	59.3	287.2	13,400*	240	
	250	51.0	290.5	14,300	54.3	287.5	14,800*	57.2	278.5	13,100*	250	
	260	48.9	281.5	12,800	52.2	278.5	14,000	55.0	269.1	12,900*	260	
	270	46.7	271.9	11,400	50.0	268.7	12,500	52.8	259.0	12,600*	270	
	280	44.5	261.4	10,100	47.8	258.2	11,100	50.4	248.1	12,000	280	
	290	42.2	250.1	8,900	45.4	246.8	9,900	48.0	236.2	10,600	290	
	300	39.8	237.8	7,800	42.9	234.4	8,700	45.4	223.1	9,300	300	
	310	37.2	224.3	6,800	40.3	220.7	7,500				310	
	320	34.4	209.5	5,800	37.5	205.7	6,500				320	
	330	31.4	192.8	4,900	34.5	188.7	5,500				330	
	260	80	80.7	384.2	32,900*							80
		85	80.0	383.2	32,400*							85
90		79.2	382.1	31,900*							90	
95		78.4	380.9	31,300*							95	
100		77.6	379.7	30,800*							100	
105		76.9	378.4	30,200*	80.3	375.5	23,900*				105	
110		76.1	377.0	29,700*	79.6	374.2	23,500*				110	
115		75.3	375.6	29,200*	78.8	372.7	23,100*				115	
120		74.5	374.1	28,700*	78.0	371.2	22,700*				120	
125		73.7	372.5	28,100*	77.2	369.6	22,300*	80.6	362.4	18,600*	125	
130		73.0	370.8	27,600*	76.4	367.9	22,000*	79.7	360.7	18,300*	130	
140		71.4	367.2	26,600*	74.8	364.4	21,200*	78.1	357.1	17,800*	140	
150		69.7	363.3	25,700*	73.2	360.5	20,500*	76.4	353.1	17,200*	150	
160		68.1	359.1	24,800*	71.5	356.3	19,800*	74.8	348.8	16,700*	160	
170		66.5	354.5	23,900*	69.8	351.7	19,200*	73.1	344.1	16,300*	170	
180		64.8	349.6	23,000*	68.2	346.8	18,600*	71.3	339.1	15,800*	180	
190		63.1	344.3	22,200*	66.5	341.5	18,000*	69.6	333.7	15,400*	190	
200		61.4	338.7	21,400*	64.7	335.8	17,400*	67.8	327.8	15,000*	200	
210		59.6	332.6	20,600*	62.9	329.7	16,900*	66.0	321.6	14,600*	210	
220		57.8	326.1	19,000	61.1	323.1	16,400*	64.1	314.9	14,300*	220	
230		56.0	319.1	17,000	59.3	316.1	15,900*	62.2	307.7	13,900*	230	
240		54.1	311.6	15,200	57.4	308.6	15,500*	60.3	299.9	13,600*	240	
250		52.2	303.6	13,600	55.5	300.6	15,000*	58.3	291.6	13,300*	250	
260		50.2	295.0	12,000	53.5	292.0	13,400	56.2	282.7	13,000*	260	
270		48.2	285.8	10,700	51.4	282.7	11,900	54.1	273.2	12,800*	270	
280		46.1	275.9	9,400	49.3	272.7	10,500	51.9	262.8	11,400	280	
290		43.9	265.3	8,200	47.0	262.0	9,200	49.6	251.6	10,100	290	
300		41.6	253.7	7,100	44.7	250.3	8,000	47.1	239.5	8,800	300	
310		39.2	241.2	6,000	42.3	237.7	6,900	44.6	226.1	7,500	310	
320		36.6	227.5	5,000	39.7	223.8	5,800				320	
330		33.9	212.4	4,100	36.9	208.4	4,800				330	