

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

**NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7738-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADIUS ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD FOR BOOM AND JIB LENGTH COMBINATIONS THRU 250' AND NEW YORK CITY CRITERIA OF 1.4 FACTOR APPLIED TO TOTAL MACHINE MOMENT FOR BOOM AND JIB LENGTH COMBINATIONS 260' ON UP. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 4,425 LB. MINIMUM BLOCK WEIGHT WITH 4 PART HOIST LINE REEVING ON 40' JIB AND 3 PART ON 60' JIB.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADIUS WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. REFER TO BOOM RIGGING NO. 172842, JIB ASSEMBLY NO. 170429, NO. 173165 OR NO. 172693, WIRE ROPE SPECIFICATION CHART NO. 7581-B AND COUNTERWEIGHT ARRANGEMENT CHART NO. 7692-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

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

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

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

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

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

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY	BOOM LENGTH	JIB LENGTH
MPH	FEET	FEET
30	190 - 210	---
25	220 - 250	---
20	260 - 330	---
25	190 - 210	40 - 80
20	220 - 280	40 - 60
20	220 - 250	80
25	190 - 200	100 - 120
20	210 - 250	100 - 120
15	260 - 270	80 - 120

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER FRONT SIDE OR REAR OF CRAWLERS	
BOOM LGTH.	JIB NO. 132
330'	---
320'	---
310'	---
300'	---
290'	---
280'	60'
270'	120'

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. UPPER BOOM POINT CANNOT BE USED ON 330' BOOM.

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	45	81.3	236.9	100,000*b							45
	50	80.1	236.0	98,000*b							50
	55	78.8	235.0	94,500*b	80.6	233.8	75,500*b				55
	60	77.6	233.9	91,100*b	79.4	232.7	73,600*b				60
	65	76.3	232.7	88,100*b	78.1	231.5	71,800*b	79.9	228.7	57,000*	65
	70	75.0	231.3	85,300*b	76.8	230.1	70,100*b	78.6	227.4	56,100*	70
	75	73.7	229.8	82,600*b	75.5	228.6	68,600*b	77.3	225.8	54,800*	75
	80	72.4	228.2	80,200*b	74.2	227.0	67,100*	76.0	224.2	53,400*	80
	85	71.1	226.5	77,900*b	72.9	225.2	65,700*	74.6	222.4	52,000*	85
	90	69.8	224.6	75,800*b	71.6	223.4	64,400*	73.3	220.5	50,800*	90
	95	68.5	222.6	73,800*b	70.2	221.4	63,100*	71.9	218.5	49,600*	95
	100	67.1	220.5	70,900b	68.9	219.2	62,000*	70.6	216.3	48,500*	100
	105	65.8	218.2	66,200b	67.5	216.9	60,800*	69.2	214.0	47,400*	105
	110	64.4	215.8	62,000b	66.1	214.5	59,800*	67.8	211.6	46,400*	110
	115	63.0	213.2	58,200	64.7	211.9	58,800*	66.4	208.9	45,500*	115
	120	61.6	210.5	54,800	63.3	209.2	55,600	64.9	206.2	44,600*	120
	125	60.2	207.6	51,700	61.9	206.3	52,400	63.5	203.2	43,700*	125
	130	58.8	204.6	48,800	60.4	203.2	49,500	62.0	200.1	42,900*	130
	140	55.8	197.9	43,700	57.4	196.5	44,300	59.0	193.3	41,400*	140
	150	52.7	190.5	39,300	54.3	189.0	39,900	55.8	185.6	40,100*	150
	160	49.5	182.2	35,500	51.1	180.6	36,000	52.5	177.1	36,500	160
170	46.1	172.8	32,200	47.7	171.2	32,700	49.0	167.4	33,000	170	
180	42.5	162.3	29,300	44.1	160.5	29,700	45.3	156.5	30,000	180	
190	38.7	150.2	26,800	40.2	148.3	27,100				190	
200	34.4	136.3	24,400	35.9	134.2	24,700				200	
210	29.7	119.7	22,300							210	
200	50	80.5	246.2	99,300*b							50
	55	79.3	245.3	95,700*b							55
	60	78.1	244.2	92,500*b	79.8	243.0	74,200*b				60
	65	76.9	243.0	89,400*b	78.6	241.8	72,500*b	80.3	239.0	57,300*	65
	70	75.7	241.7	86,600*b	77.4	240.5	70,800*b	79.1	237.7	56,400*	70
	75	74.4	240.3	84,000*b	76.1	239.0	69,300*b	77.8	236.3	55,500*	75
	80	73.2	238.7	81,600*b	74.9	237.5	67,800*	76.6	234.7	54,100*	80
	85	71.9	237.1	79,300*b	73.6	235.8	66,500*	75.3	233.0	52,700*	85
	90	70.7	235.3	77,200*b	72.4	234.1	65,100*	74.0	231.2	51,500*	90
	95	69.4	233.4	75,200*b	71.1	232.1	63,900*	72.7	229.3	50,300*	95
	100	68.1	231.4	70,200b	69.8	230.1	62,700*	71.4	227.2	49,200*	100
	105	66.9	229.2	65,600b	68.5	227.9	61,600*	70.1	225.0	48,100*	105
	110	65.6	226.9	61,400b	67.2	225.6	60,600*	68.8	222.7	47,100*	110
	115	64.2	224.5	57,600b	65.9	223.2	58,500	67.5	220.2	46,200*	115
	120	62.9	221.9	54,100	64.5	220.6	55,000	66.1	217.6	45,300*	120
	125	61.6	219.2	51,000	63.2	217.8	51,800	64.7	214.8	44,400*	125
	130	60.2	216.3	48,100	61.8	214.9	48,800	63.3	211.8	43,600*	130
	140	57.4	210.0	43,000	59.0	208.6	43,700	60.5	205.4	42,100*	140
	150	54.5	203.1	38,600	56.1	201.6	39,200	57.5	198.3	39,800	150
	160	51.5	195.3	34,800	53.1	193.8	35,400	54.4	190.3	35,800	160
	170	48.4	186.6	31,500	49.9	185.0	32,000	51.2	181.4	32,400	170
180	45.1	176.9	28,600	46.6	175.2	29,000	47.8	171.4	29,400	180	
190	41.6	166.0	26,000	43.0	164.2	26,400	44.2	160.1	26,700	190	
200	37.8	153.6	23,700	39.2	151.6	24,000				200	
210	33.7	139.3	21,600	35.0	137.1	21,900				210	
220	29.0	122.3	19,700							220	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	50	80.9	256.4	99,900*b							50
	55	79.7	255.4	96,900*b							55
	60	78.6	254.4	93,700*b	80.2	253.2	74,800*b				60
	65	77.4	253.3	90,700*b	79.1	252.1	73,100*b	80.7	249.3	57,500*	65
	70	76.2	252.0	87,900*b	77.9	250.8	71,500*b	79.5	248.0	56,700*	70
	75	75.1	250.7	85,300*b	76.7	249.4	70,000*b	78.3	246.7	55,900*	75
	80	73.9	249.2	82,900*b	75.5	248.0	68,500*b	77.1	245.2	54,700*	80
	85	72.7	247.6	80,600*b	74.3	246.4	67,200*	75.9	243.6	53,400*	85
	90	71.5	245.9	78,500*b	73.1	244.7	65,900*	74.7	241.8	52,100*	90
	95	70.3	244.1	75,200b	71.9	242.9	64,700*	73.5	240.0	51,000*	95
	100	69.1	242.2	69,900b	70.7	240.9	63,500*	72.2	238.0	49,900*	100
	105	67.8	240.1	65,200b	69.4	238.8	62,400*	71.0	235.9	48,800*	105
	110	66.6	237.9	61,000b	68.2	236.6	61,400*	69.7	233.7	47,800*	110
	115	65.3	235.6	57,200b	66.9	234.3	58,200	68.4	231.3	46,900*	115
	120	64.1	233.2	53,800b	65.6	231.8	54,700	67.2	228.8	46,000*	120
	125	62.8	230.6	50,600	64.4	229.2	51,500	65.8	226.2	45,100*	125
	130	61.5	227.8	47,700	63.1	226.5	48,500	64.5	223.4	44,300*	130
	140	58.9	221.9	42,700	60.4	220.5	43,400	61.8	217.4	42,800*	140
	150	56.1	215.3	38,300	57.7	213.9	38,900	59.0	210.6	39,500	150
	160	53.3	208.1	34,500	54.8	206.6	35,100	56.2	203.2	35,600	160
	170	50.4	200.0	31,200	51.9	198.4	31,700	53.2	194.9	32,100	170
	180	47.3	191.0	28,300	48.8	189.3	28,700	50.0	185.6	29,100	180
	190	44.1	180.9	25,700	45.5	179.2	26,100	46.7	175.3	26,400	190
200	40.7	169.7	23,400	42.1	167.8	23,700	43.2	163.6	24,000	200	
210	37.0	156.9	21,300	38.4	154.9	21,600				210	
220	33.0	142.2	19,400	34.2	139.9	19,700				220	
230	28.4	124.7	17,700							230	
220	55	80.1	265.6	90,000*b							55
	60	79.0	264.6	90,000*b	80.6	263.4	75,400*b				60
	65	77.9	263.5	90,000*b	79.5	262.3	73,700*b				65
	70	76.8	262.3	89,100*b	78.4	261.1	72,100*b	80.0	258.3	57,000*	70
	75	75.6	261.0	86,600*b	77.2	259.8	70,600*b	78.8	257.0	56,200*	75
	80	74.5	259.6	83,700b	76.1	258.4	69,200*b	77.6	255.6	55,300*	80
	85	73.4	258.1	76,400b	74.9	256.9	67,900*	76.5	254.0	54,000*	85
	90	72.2	256.5	70,000b	73.8	255.2	66,600*	75.3	252.4	52,800*	90
	95	71.1	254.8	64,300b	72.6	253.5	65,400*	74.1	250.6	51,600*	95
	100	69.9	252.9	59,300b	71.4	251.6	60,900	73.0	248.7	50,500*	100
	105	68.7	250.9	54,800b	70.3	249.7	56,300	71.8	246.7	49,500*	105
	110	67.5	248.9	50,800b	69.1	247.6	52,200	70.6	244.6	48,500*	110
	115	66.3	246.6	47,200b	67.9	245.3	48,500	69.3	242.4	47,600*	115
	120	65.1	244.3	43,900b	66.7	243.0	45,100	68.1	240.0	46,300	120
	125	63.9	241.8	40,800b	65.4	240.5	42,000	66.9	237.5	43,200	125
	130	62.7	239.2	38,100	64.2	237.9	39,200	65.6	234.8	40,300	130
	140	60.2	233.6	33,200	61.7	232.2	34,200	63.1	229.1	35,100	140
	150	57.6	227.4	29,000	59.1	226.0	29,900	60.4	222.7	30,700	150
	160	55.0	220.5	25,400	56.4	219.0	26,200	57.7	215.7	26,900	160
	170	52.2	212.9	22,200	53.6	211.4	23,000	54.9	207.9	23,600	170
	180	49.4	204.5	19,500	50.8	202.9	20,100	52.0	199.3	20,600	180
	190	46.4	195.2	17,000	47.8	193.5	17,500	48.9	189.7	18,000	190
	200	43.2	184.9	14,800	44.6	183.1	15,200	45.7	179.1	15,600	200
210	39.9	173.3	12,800	41.2	171.4	13,200				210	
220	36.3	160.1	10,900	37.5	158.1	11,300				220	
230	32.3	145.0	9,300	33.5	142.7	9,600				230	
240	27.8	127.2	7,800							240	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	55	80.5	275.8	90,000*b							55
	60	79.4	274.8	90,000*b	81.0	273.6	75,900*b				60
	65	78.4	273.8	90,000*b	79.9	272.6	74,300*b				65
	70	77.3	272.6	90,000*b	78.8	271.4	72,700*b	80.3	268.6	57,200*	70
	75	76.2	271.4	87,700*b	77.7	270.2	71,200*b	79.2	267.3	56,500*	75
	80	75.1	270.0	83,000b	76.6	268.8	69,800*b	78.1	266.0	55,700*	80
	85	74.0	268.6	75,600b	75.5	267.3	68,500*b	77.0	264.5	54,600*	85
	90	72.9	267.0	69,200b	74.4	265.8	67,200*	75.9	262.9	53,400*	90
	95	71.8	265.4	63,500b	73.3	264.1	65,300	74.8	261.2	52,200*	95
	100	70.7	263.6	58,500b	72.2	262.3	60,200	73.6	259.4	51,100*	100
	105	69.5	261.7	54,000b	71.0	260.4	55,600	72.5	257.5	50,100*	105
	110	68.4	259.7	50,000b	69.9	258.4	51,500	71.3	255.5	49,100*	110
	115	67.3	257.6	46,400b	68.7	256.3	47,800	70.2	253.3	48,200*	115
	120	66.1	255.4	43,000b	67.6	254.0	44,400	69.0	251.0	45,700	120
	125	65.0	253.0	40,000b	66.4	251.7	41,300	67.8	248.6	42,500	125
	130	63.8	250.5	37,300b	65.2	249.2	38,400	66.6	246.1	39,600	130
	140	61.4	245.2	32,400	62.8	243.8	33,400	64.2	240.7	34,400	140
	150	58.9	239.2	28,200	60.4	237.8	29,200	61.7	234.6	30,000	150
	160	56.4	232.7	24,600	57.8	231.3	25,400	59.1	228.0	26,200	160
	170	53.8	225.6	21,400	55.2	224.1	22,200	56.5	220.7	22,900	170
	180	51.2	217.7	18,600	52.5	216.1	19,300	53.7	212.6	19,900	180
	190	48.4	209.0	16,200	49.7	207.4	16,800	50.9	203.7	17,300	190
	200	45.4	199.4	13,900	46.8	197.7	14,500	47.9	193.8	14,900	200
210	42.4	188.7	11,900	43.7	186.9	12,400	44.7	182.8	12,800	210	
220	39.1	176.8	10,100	40.4	174.8	10,500				220	
230	35.6	163.3	8,500	36.8	161.2	8,800				230	
240	31.7	147.8	7,000	32.8	145.5	7,200				240	
250	27.3	129.6	5,600							250	
240	55	80.8	286.0	90,000*b							55
	60	79.8	285.0	90,000*b							60
	65	78.8	284.0	90,000*b	80.2	282.8	74,800*b				65
	70	77.7	282.9	90,000*b	79.2	281.7	73,300*b	80.7	278.9	57,500*	70
	75	76.7	281.7	88,900*b	78.2	280.5	71,800*b	79.6	277.7	56,700*	75
	80	75.6	280.4	82,100b	77.1	279.2	70,400*b	78.6	276.3	56,000*	80
	85	74.6	279.0	74,700b	76.0	277.8	69,100*b	77.5	274.9	55,100*	85
	90	73.5	277.5	68,300b	75.0	276.3	67,900*	76.4	273.4	53,900*	90
	95	72.5	275.9	62,600b	73.9	274.6	64,500	75.3	271.8	52,800*	95
	100	71.4	274.2	57,600b	72.8	272.9	59,400	74.2	270.0	51,700*	100
	105	70.3	272.4	53,100b	71.7	271.1	54,800	73.1	268.2	50,700*	105
	110	69.2	270.5	49,100b	70.6	269.2	50,600	72.0	266.3	49,700*	110
	115	68.1	268.5	45,400b	69.5	267.1	46,900	70.9	264.2	48,400	115
	120	67.0	266.3	42,100b	68.4	265.0	43,500	69.8	262.0	44,900	120
	125	65.9	264.1	39,100b	67.3	262.7	40,400	68.7	259.7	41,700	125
	130	64.8	261.7	36,300b	66.2	260.3	37,600	67.5	257.3	38,800	130
	140	62.5	256.6	31,400	63.9	255.2	32,600	65.2	252.1	33,600	140
	150	60.2	250.9	27,300	61.5	249.5	28,300	62.8	246.4	29,200	150
	160	57.8	244.7	23,600	59.1	243.3	24,500	60.4	240.0	25,400	160
	170	55.3	238.0	20,500	56.7	236.5	21,300	57.9	233.1	22,000	170
	180	52.8	230.5	17,700	54.1	229.0	18,400	55.3	225.5	19,100	180
	190	50.2	222.3	15,200	51.5	220.7	15,800	52.6	217.1	16,400	190
	200	47.4	213.3	13,000	48.7	211.7	13,600	49.8	207.9	14,100	200
210	44.6	203.4	11,000	45.8	201.7	11,500	46.9	197.7	11,900	210	
220	41.6	192.5	9,200	42.8	190.6	9,600	43.8	186.4	10,000	220	
230	38.4	180.2	7,500	39.6	178.2	7,900				230	
240	34.9	166.4	6,000	36.0	164.2	6,300				240	
250	31.1	150.5	4,600	32.2	148.1	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 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	60	80.2	295.2	90,000*b							60
	65	79.2	294.2	90,000*b	80.6	293.0	75,300*b				65
	70	78.2	293.2	90,000*b	79.6	291.9	73,800*b				70
	75	77.2	292.0	90,000*b	78.6	290.8	72,400*b	80.0	287.9	57,000*	75
	80	76.1	290.8	81,600b	77.6	289.5	71,000*b	79.0	286.7	56,300*	80
	85	75.1	289.4	74,200b	76.5	288.1	69,700*b	77.9	285.3	55,600*	85
	90	74.1	288.0	67,800b	75.5	286.7	68,500*b	76.9	283.8	54,500*	90
	95	73.1	286.4	62,100b	74.5	285.2	64,100	75.9	282.3	53,400*	95
	100	72.0	284.8	57,100b	73.4	283.5	58,900	74.8	280.6	52,300*	100
	105	71.0	283.0	52,600b	72.4	281.8	54,300	73.8	278.8	51,300*	105
	110	70.0	281.2	48,600b	71.3	279.9	50,200	72.7	277.0	50,300*	110
	115	68.9	279.3	44,900b	70.3	277.9	46,500	71.6	275.0	47,900	115
	120	67.8	277.2	41,600b	69.2	275.9	43,100	70.6	272.9	44,500	120
	125	66.8	275.0	38,600b	68.1	273.7	40,000	69.5	270.7	41,300	125
	130	65.7	272.8	35,800b	67.1	271.4	37,100	68.4	268.4	38,400	130
	140	63.5	267.9	30,900	64.9	266.5	32,100	66.2	263.4	33,200	140
	150	61.3	262.5	26,800	62.6	261.1	27,800	63.9	257.9	28,800	150
	160	59.0	256.6	23,100	60.3	255.1	24,100	61.6	251.9	25,000	160
	170	56.7	250.1	20,000	58.0	248.7	20,800	59.2	245.3	21,600	170
	180	54.3	243.1	17,200	55.6	241.5	17,900	56.7	238.1	18,600	180
190	51.8	235.3	14,700	53.1	233.8	15,400	54.2	230.2	16,000	190	
200	49.2	226.9	12,500	50.5	225.3	13,100	51.6	221.6	13,600	200	
210	46.6	217.6	10,500	47.8	215.9	11,000	48.8	212.1	11,500	210	
220	43.8	207.4	8,700	45.0	205.6	9,200	45.9	201.6	9,600	220	
230	40.8	196.2	7,000	42.0	194.3	7,500				230	
240	37.7	183.6	5,500	38.8	181.6	5,900				240	
250	34.3	169.4	4,100	35.4	167.2	4,500				250	
260	60	80.5	305.4	90,000*b							60
	65	79.5	304.4	90,000*b	80.9	303.2	75,800*b				65
	70	78.6	303.4	90,000*b	79.9	302.2	74,300*b				70
	75	77.6	302.3	89,300b	79.0	301.0	72,900*b	80.3	298.2	57,200*	75
	80	76.6	301.1	80,700b	78.0	299.8	71,500*b	79.4	297.0	56,500*	80
	85	75.6	299.8	73,300b	77.0	298.5	70,300*b	78.4	295.7	55,900*	85
	90	74.6	298.4	66,900b	76.0	297.1	69,100*b	77.4	294.2	55,000*	90
	95	73.7	296.9	61,200b	75.0	295.6	63,300	76.4	292.7	53,900*	95
	100	72.7	295.3	56,200b	74.0	294.0	58,100	75.3	291.1	52,900*	100
	105	71.7	293.6	51,700b	73.0	292.4	53,500	74.3	289.4	51,800*	105
	110	70.7	291.9	47,700b	72.0	290.6	49,400	73.3	287.6	50,900*	110
	115	69.6	290.0	44,000b	71.0	288.7	45,600	72.3	285.7	47,200	115
	120	68.6	288.0	40,700b	70.0	286.7	42,200	71.2	283.7	43,700	120
	125	67.6	285.9	37,700b	68.9	284.6	39,100	70.2	281.6	40,500	125
	130	66.6	283.8	34,900b	67.9	282.4	36,300	69.2	279.4	37,600	130
	140	64.5	279.1	30,000b	65.8	277.7	31,200	67.0	274.6	32,400	140
	150	62.3	273.9	25,800	63.6	272.5	26,900	64.9	269.4	28,000	150
	160	60.2	268.3	22,200	61.4	266.8	23,200	62.6	263.6	24,100	160
	170	57.9	262.1	19,000	59.2	260.6	19,900	60.4	257.4	20,800	170
	180	55.6	255.4	16,200	56.9	253.9	17,100	58.0	250.5	17,800	180
190	53.3	248.0	13,800	54.5	246.5	14,500	55.6	243.0	15,200	190	
200	50.9	240.1	11,500	52.1	238.5	12,200	53.2	234.9	12,800	200	
210	48.3	231.3	9,500	49.6	229.7	10,100	50.6	225.9	10,600	210	
220	45.7	221.8	7,700	46.9	220.1	8,300	47.9	216.1	8,700	220	
230	43.0	211.3	6,100	44.2	209.5	6,600	45.1	205.4	6,900	230	
240	40.1	199.8	4,600	41.2	197.8	5,000				240	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
270	60	80.8	315.5	90,000*b							60
	65	79.9	314.6	89,200*b							65
	70	78.9	313.6	88,300*b	80.3	312.4	74,700*b				70
	75	78.0	312.5	87,500*b	79.3	311.3	73,400*b	80.7	308.4	57,400*	75
	80	77.0	311.4	79,900b	78.4	310.1	72,000*b	79.7	307.3	56,800*	80
	85	76.1	310.1	72,600b	77.4	308.9	70,800*b	78.7	306.0	56,100*	85
	90	75.1	308.8	66,100b	76.5	307.5	68,400b	77.8	304.6	55,500*	90
	95	74.2	307.3	60,400b	75.5	306.1	62,600b	76.8	303.2	54,400*	95
	100	73.2	305.8	55,400b	74.5	304.5	57,400	75.8	301.6	53,400*	100
	105	72.3	304.2	50,900b	73.6	302.9	52,800	74.9	300.0	52,400*	105
	110	71.3	302.5	46,900b	72.6	301.2	48,600	73.9	298.3	50,400	110
	115	70.3	300.7	43,200b	71.6	299.4	44,900	72.9	296.4	46,500	115
	120	69.3	298.8	39,900b	70.6	297.5	41,500	71.9	294.5	43,000	120
	125	68.4	296.8	36,900b	69.6	295.5	38,400	70.9	292.5	39,800	125
	130	67.4	294.7	34,100b	68.6	293.3	35,500	69.9	290.3	36,900	130
	140	65.3	290.2	29,200b	66.6	288.8	30,500	67.8	285.7	31,700	140
	150	63.3	285.2	25,000	64.6	283.8	26,200	65.8	280.7	27,300	150
	160	61.2	279.8	21,400	62.5	278.4	22,400	63.6	275.2	23,400	160
	170	59.1	273.9	18,200	60.3	272.5	19,200	61.5	269.2	20,000	170
	180	56.9	267.5	15,400	58.1	266.0	16,300	59.2	262.7	17,100	180
190	54.7	260.5	12,900	55.9	259.0	13,700	57.0	255.6	14,400	190	
200	52.4	252.9	10,700	53.6	251.4	11,400	54.6	247.8	12,000	200	
210	50.0	244.7	8,700	51.2	243.1	9,300	52.2	239.4	9,900	210	
220	47.5	235.7	6,900	48.7	234.0	7,500	49.7	230.2	8,000	220	
230	44.9	225.9	5,200	46.1	224.2	5,800	47.0	220.2	6,200	230	
240				43.4	213.3	4,200	44.2	209.1	4,600	240	
280	65	80.2	324.8	83,100*b							65
	70	79.3	323.8	82,300*b	80.6	322.6	75,200*b				70
	75	78.4	322.8	81,500*b	79.7	321.5	73,800*b	81.0	318.7	57,600*	75
	80	77.5	321.7	79,100b	78.7	320.4	72,500*b	80.0	317.5	57,000*	80
	85	76.5	320.4	71,700b	77.8	319.2	71,300*b	79.1	316.3	56,300*	85
	90	75.6	319.1	65,200b	76.9	317.9	67,600b	78.2	315.0	55,700*	90
	95	74.7	317.8	59,500b	76.0	316.5	61,800b	77.2	313.6	54,900*	95
	100	73.8	316.3	54,500b	75.0	315.0	56,600	76.3	312.1	53,900*	100
	105	72.8	314.7	50,000b	74.1	313.4	52,000	75.4	310.5	52,900*	105
	110	71.9	313.1	46,000b	73.2	311.8	47,800	74.4	308.8	49,600	110
	115	71.0	311.3	42,300b	72.2	310.0	44,000	73.5	307.1	45,700	115
	120	70.0	309.5	39,000b	71.3	308.2	40,600	72.5	305.2	42,200	120
	125	69.1	307.6	35,900b	70.3	306.2	37,500	71.5	303.2	39,000	125
	130	68.1	305.5	33,200b	69.3	304.2	34,600	70.6	301.2	36,100	130
	140	66.2	301.2	28,300b	67.4	299.8	29,600	68.6	296.8	30,900	140
	150	64.2	296.4	24,100b	65.4	295.0	25,300	66.6	291.9	26,400	150
	160	62.2	291.2	20,400	63.4	289.8	21,500	64.5	286.7	22,600	160
	170	60.1	285.6	17,300	61.4	284.1	18,300	62.5	280.9	19,200	170
	180	58.1	279.4	14,500	59.3	278.0	15,400	60.3	274.7	16,200	180
	190	55.9	272.8	12,000	57.1	271.3	12,800	58.2	267.9	13,600	190
200	53.7	265.6	9,800	54.9	264.0	10,500	55.9	260.5	11,200	200	
210	51.5	257.7	7,700	52.6	256.1	8,400	53.6	252.5	9,000	210	
220	49.1	249.2	5,900	50.3	247.6	6,600	51.2	243.9	7,100	220	
230	46.7	240.0	4,300	47.8	238.3	4,900	48.8	234.4	5,300	230	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	55	80.8	255.1	73,500* ^b							55
	60	79.6	254.1	72,300* ^b							60
	65	78.4	253.0	71,100*	80.9	250.9	59,800*				65
	70	77.3	251.7	70,000*	79.7	249.6	59,100*				70
	75	76.1	250.4	68,900*	78.5	248.3	58,400*				75
	80	74.9	248.9	67,900*	77.3	246.8	57,700*	79.8	242.5	39,900*	80
	85	73.7	247.3	66,900*	76.1	245.2	57,100*	78.6	240.9	38,900*	85
	90	72.5	245.6	66,000*	74.9	243.5	56,500*	77.3	239.1	38,000*	90
	95	71.3	243.8	65,100*	73.7	241.6	55,900*	76.1	237.3	37,100*	95
	100	70.1	241.9	64,200*	72.5	239.7	55,400*	74.8	235.3	36,200*	100
	105	68.9	239.8	63,300*	71.2	237.6	54,900*	73.6	233.2	35,500*	105
	110	67.6	237.6	62,500*	70.0	235.4	54,400*	72.3	230.9	34,700*	110
	115	66.4	235.3	59,300	68.7	233.1	53,500*	71.0	228.5	34,000*	115
	120	65.1	232.8	55,800	67.4	230.6	52,100*	69.7	226.0	33,300*	120
	125	63.8	230.2	52,600	66.1	228.0	50,700*	68.4	223.3	32,700*	125
	130	62.5	227.5	49,700	64.8	225.2	49,500*	67.0	220.5	32,100*	130
	140	59.9	221.6	44,600	62.1	219.2	45,500	64.3	214.3	30,900*	140
	150	57.1	215.0	40,200	59.4	212.5	41,000	61.5	207.5	29,900*	150
	160	54.3	207.7	36,400	56.5	205.1	37,100	58.5	199.9	29,000*	160
	170	51.4	199.6	33,000	53.6	196.9	33,700	55.5	191.5	28,200*	170
	180	48.3	190.6	30,100	50.5	187.8	30,700	52.3	182.1	27,400*	180
	190	45.1	180.5	27,500	47.2	177.6	28,000	48.9	171.5	26,800*	190
	200	41.7	169.2	25,100	43.7	166.0	25,600				200
210	38.0	156.4	23,000	39.9	152.9	23,400				210	
220	33.9	141.6	21,100	35.7	137.8	21,400				220	
230	29.3	124.1	19,400							230	
200	60	80.0	264.3	72,700* ^b							60
	65	78.9	263.2	71,600*							65
	70	77.8	262.0	70,500*	80.1	259.9	59,300*				70
	75	76.6	260.7	69,400*	79.0	258.6	58,600*				75
	80	75.5	259.3	68,400*	77.8	257.2	58,000*	80.2	252.9	40,200*	80
	85	74.4	257.8	67,400*	76.7	255.7	57,400*	79.0	251.3	39,300*	85
	90	73.2	256.2	66,500*	75.5	254.0	56,800*	77.8	249.7	38,400*	90
	95	72.1	254.4	65,600*	74.4	252.3	56,200*	76.7	247.9	37,500*	95
	100	70.9	252.6	62,200	73.2	250.4	55,700*	75.5	246.0	36,700*	100
	105	69.7	250.6	57,700	72.0	248.4	55,200*	74.2	244.0	35,900*	105
	110	68.5	248.5	53,600	70.8	246.3	54,700*	73.0	241.8	35,100*	110
	115	67.3	246.3	49,900	69.6	244.1	51,700	71.8	239.5	34,400*	115
	120	66.1	244.0	46,600	68.4	241.7	48,300	70.5	237.1	33,800*	120
	125	64.9	241.5	43,500	67.1	239.2	45,100	69.3	234.6	33,100*	125
	130	63.7	238.9	40,700	65.9	236.6	42,200	68.0	231.9	32,500*	130
	140	61.2	233.3	35,800	63.3	230.9	37,100	65.4	226.1	31,400*	140
	150	58.6	227.0	31,600	60.7	224.6	32,700	62.8	219.6	30,400*	150
	160	55.9	220.1	27,900	58.1	217.6	28,900	60.0	212.5	29,500*	160
	170	53.2	212.5	24,700	55.3	209.9	25,600	57.1	204.6	26,500	170
	180	50.3	204.1	21,800	52.4	201.4	22,700	54.2	195.8	23,400	180
	190	47.3	194.8	19,300	49.3	191.9	20,100	51.0	186.1	20,700	190
	200	44.2	184.4	17,100	46.1	181.4	17,700	47.7	175.1	18,200	200
	210	40.8	172.8	15,000	42.7	169.5	15,600				210
220	37.2	159.6	13,200	39.0	156.1	13,700				220	
230	33.2	144.4	11,500	34.9	140.5	11,900				230	
240	28.7	126.5	10,000							240	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	60	80.4	274.5	73,100* ^b							60
	65	79.3	273.5	72,000* ^b							65
	70	78.2	272.3	70,900*	80.5	270.2	59,500*				70
	75	77.1	271.1	69,900*	79.4	268.9	58,900*				75
	80	76.1	269.7	68,900*	78.3	267.6	58,200*	80.6	263.2	40,600*	80
	85	75.0	268.3	67,900*	77.2	266.1	57,700*	79.5	261.8	39,600*	85
	90	73.9	266.7	67,000*	76.1	264.5	57,100*	78.3	260.1	38,700*	90
	95	72.7	265.0	66,100*	75.0	262.9	56,500*	77.2	258.4	37,900*	95
	100	71.6	263.3	61,800	73.8	261.1	56,000*	76.0	256.6	37,100*	100
	105	70.5	261.4	57,200	72.7	259.2	55,500*	74.9	254.7	36,300*	105
	110	69.4	259.4	53,200	71.6	257.1	55,000*	73.7	252.6	35,600*	110
	115	68.2	257.3	49,500	70.4	255.0	51,300	72.5	250.4	34,900*	115
	120	67.1	255.0	46,100	69.2	252.8	47,900	71.3	248.1	34,200*	120
	125	65.9	252.7	43,100	68.1	250.4	44,700	70.1	245.7	33,600*	125
	130	64.7	250.2	40,300	66.9	247.9	41,800	68.9	243.2	33,000*	130
	140	62.3	244.8	35,300	64.5	242.4	36,700	66.5	237.6	31,800*	140
	150	59.9	238.9	31,100	62.0	236.5	32,300	63.9	231.5	30,800*	150
	160	57.4	232.4	27,400	59.4	229.9	28,600	61.3	224.8	29,600	160
	170	54.8	225.2	24,200	56.8	222.6	25,200	58.6	217.3	26,100	170
	180	52.1	217.3	21,400	54.1	214.6	22,300	55.9	209.1	23,100	180
190	49.3	208.6	18,900	51.3	205.8	19,700	52.9	200.0	20,400	190	
200	46.4	198.9	16,600	48.3	196.0	17,300	49.9	190.0	17,900	200	
210	43.3	188.3	14,600	45.1	185.1	15,200	46.6	178.7	15,700	210	
220	40.0	176.3	12,800	41.8	172.9	13,300				220	
230	36.4	162.8	11,100	38.2	159.1	11,500				230	
240	32.5	147.2	9,600	34.2	143.1	9,900				240	
250	28.1	128.9	8,100							250	
220	60	80.7	284.7	73,400* ^b							60
	65	79.7	283.7	72,300* ^b							65
	70	78.7	282.6	71,300*	80.8	280.5	59,700*				70
	75	77.6	281.4	70,300*	79.8	279.2	59,100*				75
	80	76.6	280.1	69,300*	78.7	277.9	58,500*	80.9	273.6	40,900*	80
	85	75.5	278.7	68,400*	77.7	276.5	57,900*	79.8	272.1	40,000*	85
	90	74.4	277.2	67,500*	76.6	275.0	57,300*	78.8	270.6	39,100*	90
	95	73.4	275.6	66,000	75.5	273.4	56,800*	77.7	269.0	38,200*	95
	100	72.3	273.9	60,900	74.4	271.7	56,300*	76.6	267.2	37,400*	100
	105	71.2	272.1	56,400	73.3	269.8	55,800*	75.5	265.3	36,700*	105
	110	70.1	270.2	52,300	72.3	267.9	54,400	74.3	263.4	36,000*	110
	115	69.0	268.1	48,600	71.1	265.9	50,600	73.2	261.3	35,300*	115
	120	67.9	266.0	45,300	70.0	263.7	47,100	72.1	259.1	34,600*	120
	125	66.8	263.7	42,200	68.9	261.4	43,900	70.9	256.8	34,000*	125
	130	65.7	261.3	39,400	67.8	259.0	41,100	69.8	254.3	33,400*	130
	140	63.4	256.2	34,500	65.5	253.9	35,900	67.4	249.1	32,300*	140
	150	61.1	250.6	30,200	63.1	248.2	31,500	65.0	243.2	31,200*	150
	160	58.7	244.4	26,600	60.7	241.9	27,700	62.5	236.8	28,800	160
	170	56.2	237.6	23,300	58.2	235.0	24,400	60.0	229.8	25,400	170
	180	53.7	230.1	20,500	55.6	227.5	21,500	57.4	222.1	22,300	180
190	51.1	221.9	18,000	53.0	219.2	18,800	54.6	213.6	19,600	190	
200	48.3	212.9	15,700	50.2	210.1	16,500	51.8	204.2	17,100	200	
210	45.5	203.0	13,700	47.3	200.0	14,400	48.8	193.8	14,900	210	
220	42.4	192.0	11,900	44.2	188.8	12,400				220	
230	39.2	179.7	10,200	40.9	176.3	10,700				230	
240	35.7	165.8	8,600	37.4	162.1	9,100				240	
250	31.9	149.9	7,200							250	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	65	80.1	293.9	72,700* ^b							65
	70	79.1	292.9	71,700* ^b							70
	75	78.0	291.7	70,700* ^b	80.2	289.5	59,300*				75
	80	77.0	290.4	69,700*	79.1	288.3	58,700*				80
	85	76.0	289.1	68,800*	78.1	286.9	58,100*	80.2	282.5	40,300*	85
	90	75.0	287.6	67,900*	77.1	285.4	57,600*	79.2	281.0	39,400*	90
	95	74.0	286.1	65,300	76.0	283.9	57,000*	78.1	279.4	38,600*	95
	100	72.9	284.5	60,200	75.0	282.2	56,500*	77.1	277.7	37,800*	100
	105	71.9	282.7	55,600	74.0	280.5	55,700*	76.0	276.0	37,100*	105
	110	70.8	280.9	51,600	72.9	278.6	53,700	74.9	274.1	36,300*	110
	115	69.8	278.9	47,900	71.8	276.7	49,900	73.8	272.1	35,700*	115
	120	68.7	276.9	44,500	70.8	274.6	46,400	72.8	270.0	35,000*	120
	125	67.7	274.7	41,400	69.7	272.4	43,300	71.7	267.7	34,400*	125
	130	66.6	272.4	38,600	68.6	270.1	40,400	70.5	265.4	33,800*	130
	140	64.4	267.5	33,700	66.4	265.2	35,200	68.3	260.4	32,700*	140
	150	62.2	262.1	29,400	64.1	259.7	30,800	66.0	254.8	31,700*	150
	160	59.9	256.2	25,800	61.8	253.7	27,000	63.7	248.7	28,200	160
	170	57.5	249.7	22,500	59.5	247.2	23,700	61.2	242.0	24,700	170
	180	55.1	242.7	19,700	57.0	240.0	20,700	58.8	234.7	21,700	180
	190	52.7	234.9	17,200	54.5	232.2	18,100	56.2	226.7	18,900	190
200	50.1	226.5	14,900	51.9	223.7	15,800	53.5	217.9	16,500	200	
210	47.4	217.2	12,900	49.2	214.2	13,600	50.7	208.2	14,300	210	
220	44.6	207.0	11,100	46.4	203.9	11,700	47.8	197.5	12,200	220	
230	41.6	195.7	9,400	43.3	192.4	9,900				230	
240	38.5	183.1	7,800	40.1	179.5	8,300				240	
250	35.1	168.9	6,400	36.6	165.0	6,800				250	
260	31.3	152.6	5,100							260	
240	65	80.4	304.1	73,000* ^b							65
	70	79.4	303.1	72,000* ^b							70
	75	78.4	302.0	71,100* ^b	80.5	299.8	59,500*				75
	80	77.5	300.8	70,100*	79.5	298.6	58,900*				80
	85	76.5	299.5	69,200*	78.5	297.3	58,300*	80.6	292.8	40,600*	85
	90	75.5	298.1	68,300*	77.5	295.9	57,800*	79.6	291.4	39,700*	90
	95	74.5	296.6	64,400	76.5	294.4	57,300*	78.5	289.9	38,900*	95
	100	73.5	295.0	59,300	75.5	292.8	56,200*	77.5	288.2	38,200*	100
	105	72.5	293.3	54,800	74.5	291.1	55,000*	76.5	286.5	37,400*	105
	110	71.5	291.5	50,700	73.5	289.3	53,000	75.5	284.7	36,700*	110
	115	70.5	289.7	47,000	72.5	287.4	49,100	74.4	282.8	36,000*	115
	120	69.5	287.7	43,600	71.4	285.4	45,700	73.4	280.8	35,400*	120
	125	68.4	285.6	40,600	70.4	283.3	42,500	72.3	278.6	34,800*	125
	130	67.4	283.4	37,800	69.4	281.1	39,600	71.3	276.4	34,200*	130
	140	65.3	278.7	32,800	67.2	276.3	34,400	69.1	271.6	33,100*	140
	150	63.2	273.5	28,500	65.1	271.1	30,000	66.9	266.2	31,400	150
	160	61.0	267.9	24,900	62.9	265.4	26,200	64.7	260.4	27,500	160
	170	58.8	261.7	21,600	60.6	259.2	22,800	62.4	254.1	24,000	170
	180	56.5	255.0	18,800	58.3	252.4	19,900	60.0	247.1	20,900	180
	190	54.1	247.7	16,300	55.9	245.0	17,300	57.6	239.5	18,200	190
200	51.7	239.7	14,000	53.5	236.9	14,900	55.1	231.2	15,700	200	
210	49.2	230.9	12,000	50.9	228.0	12,800	52.4	222.2	13,500	210	
220	46.5	221.4	10,100	48.3	218.4	10,800	49.7	212.2	11,400	220	
230	43.8	210.9	8,500	45.5	207.7	9,100	46.8	201.2	9,600	230	
240	40.9	199.3	6,900	42.5	195.9	7,500				240	
250	37.8	186.4	5,500	39.4	182.8	6,000				250	
260	34.4	171.8	4,200	35.9	167.9	4,600				260	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

**NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING**

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	65	80.7	314.3	73,400* ^b							65
	70	79.8	313.3	72,400* ^b							70
	75	78.8	312.2	71,400*	80.8	310.0	59,600*				75
	80	77.9	311.0	70,500*	79.9	308.9	59,100*				80
	85	76.9	309.8	69,600*	78.9	307.6	58,500*	80.9	303.1	40,900*	85
	90	76.0	308.4	68,700*	77.9	306.2	58,000*	79.9	301.7	40,000*	90
	95	75.0	307.0	64,000	77.0	304.8	56,800*	78.9	300.3	39,200*	95
	100	74.1	305.5	58,900	76.0	303.2	55,500*	77.9	298.7	38,500*	100
	105	73.1	303.9	54,300	75.0	301.6	54,400*	77.0	297.1	37,700*	105
	110	72.1	302.2	50,200	74.1	299.9	52,500	76.0	295.3	37,000*	110
	115	71.2	300.4	46,500	73.1	298.1	48,700	75.0	293.5	36,400*	115
	120	70.2	298.4	43,100	72.1	296.2	45,200	74.0	291.5	35,700*	120
	125	69.2	296.4	40,100	71.1	294.1	42,000	72.9	289.5	35,100*	125
	130	68.2	294.3	37,300	70.1	292.0	39,100	71.9	287.3	34,500*	130
	140	66.2	289.8	32,300	68.0	287.4	34,000	69.9	282.7	33,400*	140
	150	64.1	284.9	28,000	66.0	282.4	29,600	67.7	277.6	31,000	150
	160	62.0	279.4	24,400	63.9	277.0	25,700	65.6	272.0	27,000	160
	170	59.9	273.5	21,100	61.7	271.0	22,400	63.4	265.9	23,600	170
	180	57.7	267.1	18,300	59.5	264.5	19,400	61.2	259.3	20,500	180
	190	55.5	260.1	15,800	57.2	257.5	16,800	58.8	252.1	17,700	190
200	53.2	252.5	13,500	54.9	249.8	14,400	56.5	244.3	15,300	200	
210	50.8	244.3	11,500	52.5	241.5	12,300	54.0	235.7	13,100	210	
220	48.3	235.3	9,600	50.0	232.3	10,400	51.4	226.3	11,000	220	
230	45.7	225.5	7,900	47.4	222.4	8,600	48.7	216.1	9,200	230	
240	43.0	214.7	6,400	44.6	211.4	7,000	45.9	204.8	7,500	240	
250	40.2	202.8	5,000	41.7	199.4	5,500				250	
260				38.6	185.9	4,200				260	
260	70	80.1	323.5	72,700* ^b							70
	75	79.2	322.5	71,700* ^b							75
	80	78.3	321.3	70,800*	80.2	319.1	59,200*				80
	85	77.4	320.1	70,000*	79.3	317.9	58,700*				85
	90	76.4	318.8	68,100*	78.3	316.6	57,300*	80.2	312.1	40,300*	90
	95	75.5	317.4	63,100	77.4	315.2	56,000*	79.3	310.7	39,500*	95
	100	74.6	316.0	58,000	76.5	313.7	54,800*	78.3	309.2	38,800*	100
	105	73.6	314.4	53,500	75.5	312.1	53,700*	77.4	307.6	38,100*	105
	110	72.7	312.7	49,400	74.6	310.5	51,800	76.4	305.9	37,400*	110
	115	71.8	311.0	45,600	73.6	308.7	48,000	75.5	304.1	36,700*	115
	120	70.8	309.2	42,300	72.7	306.9	44,500	74.5	302.2	36,100*	120
	125	69.9	307.2	39,200	71.7	304.9	41,300	73.5	300.2	35,500*	125
	130	68.9	305.2	36,400	70.7	302.9	38,300	72.5	298.1	34,900*	130
	140	67.0	300.8	31,400	68.8	298.5	33,200	70.5	293.7	33,800*	140
	150	65.0	296.1	27,200	66.8	293.7	28,800	68.5	288.8	30,300	150
	160	63.0	290.9	23,500	64.8	288.4	24,900	66.5	283.5	26,300	160
	170	60.9	285.2	20,200	62.7	282.7	21,600	64.4	277.6	22,800	170
	180	58.8	279.1	17,400	60.6	276.5	18,600	62.2	271.3	19,700	180
	190	56.7	272.4	14,900	58.4	269.8	16,000	60.0	264.4	17,000	190
	200	54.5	265.2	12,600	56.2	262.5	13,600	57.7	257.0	14,500	200
210	52.2	257.3	10,600	53.9	254.5	11,500	55.4	248.9	12,300	210	
220	49.9	248.8	8,700	51.6	245.9	9,500	53.0	240.1	10,300	220	
230	47.5	239.6	7,000	49.1	236.6	7,800	50.5	230.4	8,400	230	
240	45.0	229.5	5,500	46.5	226.3	6,200	47.8	219.9	6,700	240	
250	42.3	218.4	4,100	43.9	215.1	4,700				250	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
270	70	80.4	333.7	60,000* ^b							70
	75	79.5	332.7	60,000* ^b							75
	80	78.6	331.6	60,000*	80.5	329.4	58,900*				80
	85	77.7	330.4	60,000*	79.6	328.2	57,400*				85
	90	76.8	329.2	60,000*	78.7	326.9	56,100*	80.5	322.4	40,600*	90
	95	76.0	327.8	60,000*	77.8	325.6	54,900*	79.6	321.0	39,800*	95
	100	75.1	326.4	57,300	76.9	324.1	53,700*	78.7	319.6	39,100*	100
	105	74.2	324.9	52,700	76.0	322.6	52,600*	77.8	318.0	38,400*	105
	110	73.2	323.3	48,600	75.1	321.0	51,100	76.9	316.4	37,700*	110
	115	72.3	321.6	44,900	74.1	319.3	47,300	75.9	314.7	37,000*	115
	120	71.4	319.8	41,500	73.2	317.5	43,800	75.0	312.8	36,400*	120
	125	70.5	317.9	38,400	72.3	315.6	40,600	74.1	310.9	35,800*	125
	130	69.6	316.0	35,600	71.4	313.7	37,600	73.1	308.9	35,200*	130
	140	67.7	311.8	30,600	69.5	309.4	32,500	71.2	304.6	34,100*	140
	150	65.8	307.2	26,400	67.6	304.8	28,000	69.2	299.9	29,700	150
	160	63.9	302.2	22,700	65.6	299.7	24,200	67.3	294.8	25,700	160
	170	61.9	296.8	19,400	63.6	294.3	20,800	65.2	289.2	22,100	170
	180	59.9	290.9	16,600	61.6	288.3	17,900	63.2	283.2	19,000	180
	190	57.9	284.5	14,100	59.5	281.9	15,200	61.1	276.6	16,300	190
	200	55.8	277.6	11,800	57.4	274.9	12,900	58.9	269.5	13,800	200
210	53.6	270.1	9,800	55.2	267.4	10,700	56.7	261.8	11,600	210	
220	51.4	262.0	7,900	53.0	259.2	8,800	54.4	253.4	9,600	220	
230	49.1	253.3	6,200	50.7	250.3	7,000	52.0	244.3	7,700	230	
240	46.7	243.8	4,700	48.3	240.7	5,400	49.5	234.5	6,000	240	
250							47.0	223.7	4,400	250	
280	70	80.7	343.9	60,000* ^b							70
	75	79.8	342.9	60,000* ^b							75
	80	79.0	341.8	60,000*	80.8	339.6	57,100*				80
	85	78.1	340.7	60,000*	79.9	338.4	56,500*				85
	90	77.2	339.5	60,000*	79.0	337.2	55,200*	80.8	332.7	40,900*	90
	95	76.4	338.2	60,000*	78.2	335.9	54,000*	80.0	331.4	40,100*	95
	100	75.5	336.8	56,400	77.3	334.5	52,900*	79.1	329.9	39,400*	100
	105	74.6	335.3	51,800	76.4	333.0	51,800*	78.2	328.4	38,700*	105
	110	73.8	333.8	47,700	75.5	331.5	50,400	77.3	326.9	38,000*	110
	115	72.9	332.1	44,000	74.6	329.8	46,500	76.4	325.2	37,300*	115
	120	72.0	330.4	40,600	73.7	328.1	43,000	75.5	323.4	36,700*	120
	125	71.1	328.6	37,500	72.8	326.3	39,800	74.6	321.6	36,100*	125
	130	70.2	326.7	34,700	71.9	324.4	36,900	73.6	319.7	35,600*	130
	140	68.4	322.7	29,700	70.1	320.3	31,700	71.8	315.5	33,600	140
	150	66.6	318.2	25,500	68.3	315.8	27,200	69.9	311.0	28,900	150
	160	64.7	313.4	21,800	66.4	311.0	23,400	68.0	306.0	24,900	160
	170	62.8	308.2	18,500	64.5	305.7	20,000	66.1	300.7	21,400	170
	180	60.9	302.5	15,700	62.5	300.0	17,000	64.1	294.9	18,300	180
	190	58.9	296.4	13,100	60.6	293.8	14,400	62.1	288.6	15,500	190
	200	56.9	289.8	10,900	58.5	287.1	12,000	60.0	281.8	13,000	200
210	54.8	282.6	8,800	56.5	279.9	9,900	57.9	274.4	10,800	210	
220	52.7	274.9	7,000	54.3	272.2	7,900	55.7	266.5	8,800	220	
230	50.5	266.6	5,300	52.1	263.7	6,200	53.4	257.9	6,900	230	
240				49.8	254.6	4,500	51.1	248.6	5,200	240	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	65	79.9	273.4	51,400*							65
	70	78.8	272.2	50,500*							70
	75	77.7	271.0	49,700*	80.8	268.4	44,500*				75
	80	76.7	269.6	48,900*	79.7	267.0	43,800*				80
	85	75.6	268.2	48,200*	78.6	265.5	43,300*				85
	90	74.5	266.6	47,400*	77.5	264.0	42,700*	80.5	258.6	32,000*	90
	95	73.3	264.9	46,700*	76.3	262.3	42,200*	79.4	256.9	31,200*	95
	100	72.2	263.2	46,000*	75.2	260.5	41,600*	78.2	255.1	30,400*	100
	105	71.1	261.3	45,400*	74.1	258.6	41,100*	77.1	253.1	29,700*	105
	110	70.0	259.3	44,700*	72.9	256.5	40,600*	75.9	251.0	29,000*	110
	115	68.8	257.1	44,100*	71.8	254.4	40,100*	74.7	248.8	28,400*	115
	120	67.7	254.9	43,500*	70.6	252.1	39,700*	73.5	246.5	27,800*	120
	125	66.5	252.5	42,900*	69.4	249.8	39,200*	72.3	244.1	27,200*	125
	130	65.3	250.1	42,400*	68.2	247.2	38,800*	71.1	241.5	26,700*	130
	140	62.9	244.7	37,500	65.8	241.8	38,000*	68.6	235.9	25,600*	140
	150	60.5	238.8	33,200	63.3	235.8	34,700	66.0	229.8	24,700*	150
	160	58.0	232.2	29,500	60.8	229.2	30,900	63.4	223.0	23,900*	160
	170	55.4	225.1	26,300	58.1	221.9	27,500	60.7	215.5	23,100*	170
	180	52.7	217.1	23,500	55.4	213.9	24,500	57.9	207.2	22,400*	180
	190	49.9	208.4	20,900	52.6	205.0	21,900	54.9	198.0	21,800*	190
200	46.9	198.8	18,700	49.6	195.2	19,500	51.8	187.8	20,300	200	
210	43.9	188.1	16,600	46.4	184.3	17,400	48.6	176.4	18,000	210	
220	40.6	176.1	14,800	43.1	172.0	15,400				220	
230	37.0	162.6	13,100	39.4	158.1	13,600				230	
240	33.1	147.0	11,500	35.4	142.0	12,000				240	
250	28.7	128.6	10,100							250	
200	65	80.3	283.6	51,700*							65
	70	79.2	282.5	50,800*							70
	75	78.2	281.3	50,000*							75
	80	77.1	280.0	49,300*	80.1	277.3	44,000*				80
	85	76.1	278.6	48,500*	79.0	275.9	43,500*				85
	90	75.0	277.1	47,800*	77.9	274.4	42,900*	80.9	269.0	32,200*	90
	95	74.0	275.5	47,100*	76.8	272.8	42,400*	79.8	267.4	31,500*	95
	100	72.9	273.8	46,400*	75.8	271.1	41,900*	78.7	265.6	30,700*	100
	105	71.8	272.0	45,800*	74.7	269.2	41,400*	77.6	263.7	30,000*	105
	110	70.7	270.0	45,100*	73.6	267.3	40,900*	76.4	261.7	29,400*	110
	115	69.6	268.0	44,500*	72.5	265.2	40,400*	75.3	259.6	28,700*	115
	120	68.5	265.9	43,900*	71.3	263.1	40,000*	74.2	257.4	28,100*	120
	125	67.4	263.6	43,400*	70.2	260.8	39,500*	73.0	255.1	27,600*	125
	130	66.3	261.2	41,600	69.1	258.4	39,100*	71.8	252.6	27,000*	130
	140	64.0	256.1	36,600	66.8	253.2	38,300*	69.5	247.3	26,000*	140
	150	61.6	250.5	32,300	64.4	247.5	33,900	67.0	241.5	25,100*	150
	160	59.3	244.2	28,700	62.0	241.2	30,100	64.6	235.0	24,200*	160
	170	56.8	237.4	25,400	59.5	234.3	26,700	62.0	227.9	23,500*	170
	180	54.3	230.0	22,600	56.9	226.7	23,700	59.3	220.1	22,800*	180
	190	51.6	221.8	20,000	54.2	218.4	21,100	56.6	211.5	22,000*	190
200	48.9	212.8	17,800	51.5	209.3	18,700	53.7	202.0	19,500	200	
210	46.0	202.8	15,700	48.5	199.1	16,500	50.7	191.5	17,300	210	
220	43.0	191.8	13,900	45.4	187.9	14,600	47.4	179.8	15,200	220	
230	39.8	179.5	12,200	42.1	175.3	12,800				230	
240	36.3	165.6	10,600	38.6	161.0	11,200				240	
250	32.5	149.7	9,200	34.6	144.6	9,600				250	
260	28.1	130.9	7,900							260	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	65	80.6	293.8	52,000*							65
	70	79.6	292.7	51,100*							70
	75	78.6	291.6	50,400*							75
	80	77.6	290.3	49,600*	80.4	287.6	44,200*				80
	85	76.6	289.0	48,900*	79.4	286.3	43,700*				85
	90	75.6	287.5	48,200*	78.4	284.8	43,100*				90
	95	74.5	286.0	47,500*	77.3	283.3	42,600*	80.2	277.8	31,700*	95
	100	73.5	284.3	46,800*	76.3	281.6	42,100*	79.1	276.1	31,000*	100
	105	72.5	282.6	46,200*	75.2	279.9	41,600*	78.0	274.3	30,300*	105
	110	71.4	280.8	45,500*	74.2	278.0	41,100*	76.9	272.4	29,700*	110
	115	70.4	278.8	44,900*	73.1	276.0	40,700*	75.9	270.4	29,000*	115
	120	69.3	276.7	44,300*	72.0	273.9	40,200*	74.8	268.3	28,400*	120
	125	68.2	274.6	43,800*	70.9	271.7	39,800*	73.7	266.0	27,900*	125
	130	67.1	272.3	41,100	69.9	269.4	39,400*	72.5	263.7	27,300*	130
	140	65.0	267.4	36,200	67.6	264.5	38,000	70.3	258.6	26,300*	140
	150	62.7	262.0	31,900	65.4	259.0	33,500	68.0	253.0	25,400*	150
	160	60.4	256.1	28,200	63.1	253.0	29,700	65.6	246.9	24,600*	160
	170	58.1	249.6	25,000	60.7	246.5	26,300	63.2	240.1	23,800*	170
	180	55.7	242.5	22,100	58.3	239.3	23,300	60.7	232.8	23,100*	180
	190	53.2	234.8	19,600	55.7	231.5	20,700	58.1	224.7	21,700	190
200	50.6	226.3	17,300	53.1	222.9	18,300	55.4	215.8	19,200	200	
210	48.0	217.0	15,300	50.4	213.4	16,200	52.5	206.0	16,900	210	
220	45.1	206.8	13,400	47.5	203.0	14,200	49.6	195.2	14,900	220	
230	42.2	195.5	11,700	44.5	191.4	12,400	46.4	183.1	13,000	230	
240	39.0	182.9	10,200	41.3	178.5	10,800				240	
250	35.6	168.7	8,800	37.8	163.9	9,300				250	
260	31.8	152.4	7,400							260	
220	65	80.9	304.0	52,200*							65
	70	80.0	303.0	51,400*							70
	75	79.0	301.8	50,600*							75
	80	78.0	300.6	49,900*	80.7	297.9	44,400*				80
	85	77.0	299.3	49,200*	79.8	296.6	43,900*				85
	90	76.0	297.9	48,500*	78.8	295.2	43,300*				90
	95	75.1	296.5	47,800*	77.8	293.7	42,800*	80.5	288.2	32,000*	95
	100	74.1	294.9	47,200*	76.8	292.1	42,300*	79.5	286.6	31,300*	100
	105	73.1	293.2	46,500*	75.7	290.4	41,800*	78.5	284.8	30,600*	105
	110	72.1	291.4	45,900*	74.7	288.6	41,400*	77.4	283.0	30,000*	110
	115	71.0	289.5	45,300*	73.7	286.7	40,900*	76.4	281.1	29,300*	115
	120	70.0	287.6	44,700*	72.7	284.7	40,500*	75.3	279.0	28,800*	120
	125	69.0	285.5	43,100	71.6	282.6	40,100*	74.3	276.9	28,200*	125
	130	68.0	283.3	40,300	70.6	280.4	39,700*	73.2	274.6	27,700*	130
	140	65.9	278.6	35,300	68.5	275.7	37,300	71.0	269.7	26,700*	140
	150	63.7	273.4	31,000	66.3	270.4	32,800	68.8	264.4	25,700*	150
	160	61.5	267.8	27,300	64.1	264.7	28,900	66.5	258.5	24,900*	160
	170	59.3	261.6	24,100	61.8	258.5	25,500	64.2	252.1	24,100*	170
	180	57.0	254.8	21,200	59.5	251.6	22,600	61.8	245.1	23,400*	180
	190	54.7	247.5	18,700	57.1	244.2	19,900	59.4	237.5	21,000	190
200	52.2	239.5	16,400	54.7	236.1	17,500	56.8	229.1	18,500	200	
210	49.7	230.8	14,400	52.1	227.2	15,400	54.2	219.9	16,200	210	
220	47.1	221.2	12,500	49.4	217.5	13,400	51.4	209.9	14,200	220	
230	44.3	210.7	10,800	46.6	206.8	11,600	48.5	198.7	12,300	230	
240	41.4	199.1	9,300	43.6	194.9	10,000				240	
250	38.3	186.2	7,900	40.5	181.7	8,500				250	
260	35.0	171.6	6,600	37.0	166.8	7,100				260	
270	31.3	155.0	5,300							270	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	70	80.3	313.2	51,700*							70
	75	79.4	312.1	50,900*							75
	80	78.4	310.9	50,200*							80
	85	77.5	309.7	49,500*	80.1	306.9	44,000*				85
	90	76.5	308.3	48,800*	79.1	305.6	43,500*				90
	95	75.6	306.9	48,100*	78.2	304.1	43,000*	80.8	298.6	32,200*	95
	100	74.6	305.4	47,500*	77.2	302.6	42,500*	79.8	297.0	31,500*	100
	105	73.6	303.7	46,900*	76.2	301.0	42,100*	78.9	295.3	30,900*	105
	110	72.7	302.0	46,300*	75.2	299.2	41,600*	77.9	293.6	30,200*	110
	115	71.7	300.2	45,700*	74.3	297.4	41,200*	76.8	291.7	29,600*	115
	120	70.7	298.3	45,100*	73.3	295.5	40,700*	75.8	289.7	29,000*	120
	125	69.7	296.3	42,400	72.3	293.5	40,300*	74.8	287.7	28,500*	125
	130	68.7	294.2	39,600	71.3	291.3	39,900*	73.8	285.5	28,000*	130
	140	66.7	289.7	34,600	69.2	286.8	36,600	71.7	280.8	27,000*	140
	150	64.6	284.7	30,300	67.1	281.7	32,100	69.6	275.7	26,100*	150
	160	62.5	279.3	26,600	65.0	276.3	28,300	67.4	270.1	25,200*	160
	170	60.4	273.4	23,300	62.9	270.3	24,900	65.2	264.0	24,400*	170
	180	58.2	267.0	20,500	60.7	263.8	21,900	62.9	257.3	23,200	180
	190	56.0	260.0	17,900	58.4	256.7	19,200	60.6	250.0	20,400	190
	200	53.7	252.4	15,600	56.0	249.0	16,800	58.2	242.1	17,900	200
210	51.3	244.1	13,600	53.6	240.6	14,600	55.7	233.5	15,600	210	
220	48.8	235.1	11,700	51.1	231.5	12,700	53.1	224.0	13,500	220	
230	46.2	225.3	10,000	48.5	221.5	10,900	50.4	213.7	11,600	230	
240	43.5	214.5	8,500	45.7	210.5	9,300	47.5	202.2	9,900	240	
250	40.7	202.6	7,100	42.8	198.3	7,700				250	
260	37.6	189.4	5,800	39.7	184.8	6,300				260	
270	34.3	174.5	4,600	36.3	169.5	5,000				270	
240	70	80.6	323.4	51,900*							70
	75	79.7	322.3	51,200*							75
	80	78.8	321.2	50,500*							80
	85	77.9	320.0	49,800*	80.4	317.2	44,200*				85
	90	76.9	318.7	49,100*	79.5	315.9	43,700*				90
	95	76.0	317.3	48,400*	78.6	314.5	43,200*				95
	100	75.1	315.8	47,800*	77.6	313.0	42,700*	80.2	307.4	31,800*	100
	105	74.2	314.3	47,200*	76.7	311.5	42,300*	79.2	305.8	31,100*	105
	110	73.2	312.6	46,600*	75.7	309.8	41,800*	78.3	304.1	30,500*	110
	115	72.3	310.9	46,000*	74.8	308.0	41,400*	77.3	302.3	29,900*	115
	120	71.3	309.0	44,600	73.8	306.2	41,000*	76.3	300.4	29,300*	120
	125	70.4	307.1	41,500	72.9	304.2	40,500*	75.3	298.4	28,800*	125
	130	69.4	305.1	38,700	71.9	302.2	40,100*	74.3	296.3	28,200*	130
	140	67.5	300.7	33,700	69.9	297.8	35,900	72.3	291.8	27,300*	140
	150	65.5	295.9	29,400	67.9	292.9	31,400	70.3	286.9	26,400*	150
	160	63.5	290.7	25,700	65.9	287.7	27,500	68.2	281.5	25,500*	160
	170	61.4	285.1	22,400	63.8	282.0	24,100	66.1	275.7	24,800*	170
	180	59.3	278.9	19,600	61.7	275.7	21,100	63.9	269.3	22,500	180
	190	57.2	272.2	17,000	59.5	269.0	18,400	61.7	262.4	19,700	190
	200	55.0	265.0	14,800	57.3	261.7	16,000	59.4	254.8	17,100	200
210	52.7	257.2	12,700	55.0	253.7	13,800	57.1	246.7	14,900	210	
220	50.4	248.7	10,800	52.7	245.1	11,900	54.6	237.8	12,800	220	
230	48.0	239.4	9,100	50.2	235.7	10,100	52.1	228.0	10,900	230	
240	45.4	229.3	7,600	47.6	225.4	8,400	49.4	217.4	9,100	240	
250	42.8	218.2	6,200	44.9	214.1	6,900	46.6	205.7	7,500	250	
260	40.0	206.1	4,900	42.0	201.7	5,500				260	
270				39.0	187.9	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 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	70	80.9	333.6	52,100*							70
	75	80.0	332.6	51,400*							75
	80	79.1	331.5	50,700*							80
	85	78.2	330.3	50,000*	80.7	327.5	44,300*				85
	90	77.3	329.0	49,400*	79.8	326.2	43,800*				90
	95	76.4	327.7	48,700*	78.9	324.9	43,400*				95
	100	75.6	326.3	48,100*	78.0	323.4	42,900*	80.5	317.8	32,000*	100
	105	74.6	324.7	47,500*	77.1	321.9	42,500*	79.6	316.2	31,300*	105
	110	73.7	323.1	46,900*	76.2	320.3	42,000*	78.6	314.6	30,700*	110
	115	72.8	321.5	46,400*	75.3	318.6	41,600*	77.7	312.8	30,100*	115
	120	71.9	319.7	44,100	74.3	316.8	41,200*	76.8	311.0	29,600*	120
	125	71.0	317.8	41,000	73.4	314.9	40,800*	75.8	309.1	29,000*	125
	130	70.1	315.9	38,200	72.5	312.9	40,400*	74.9	307.1	28,500*	130
	140	68.2	311.7	33,200	70.6	308.7	35,400	72.9	302.7	27,500*	140
	150	66.3	307.1	28,900	68.7	304.1	30,900	71.0	298.0	26,600*	150
	160	64.4	302.0	25,200	66.7	299.0	27,000	69.0	292.8	25,800*	160
	170	62.4	296.6	21,900	64.7	293.5	23,600	66.9	287.2	25,000*	170
	180	60.4	290.7	19,100	62.7	287.5	20,600	64.9	281.1	22,100	180
	190	58.3	284.3	16,500	60.6	281.1	17,900	62.7	274.5	19,300	190
	200	56.2	277.4	14,200	58.5	274.1	15,500	60.6	267.3	16,700	200
210	54.1	269.9	12,200	56.3	266.5	13,400	58.3	259.6	14,500	210	
220	51.9	261.9	10,300	54.1	258.3	11,400	56.0	251.1	12,400	220	
230	49.6	253.1	8,600	51.7	249.4	9,600	53.6	242.0	10,500	230	
240	47.2	243.6	7,100	49.3	239.8	8,000	51.1	232.0	8,700	240	
250	44.7	233.2	5,700	46.8	229.2	6,500	48.5	221.1	7,100	250	
260	42.1	221.9	4,400	44.1	217.7	5,100				260	
260	75	80.3	342.8	51,700*							75
	80	79.4	341.7	51,000*							80
	85	78.6	340.6	50,300*							85
	90	77.7	339.3	49,700*	80.1	336.5	44,000*				90
	95	76.9	338.0	49,000*	79.2	335.2	43,500*				95
	100	76.0	336.7	48,400*	78.4	333.8	43,100*	80.8	328.1	32,200*	100
	105	75.1	335.2	47,800*	77.5	332.3	42,600*	79.9	326.6	31,600*	105
	110	74.2	333.6	47,200*	76.6	330.8	42,200*	79.0	325.0	31,000*	110
	115	73.4	332.0	46,700*	75.7	329.1	41,800*	78.1	323.3	30,400*	115
	120	72.5	330.3	43,300	74.8	327.4	41,400*	77.2	321.6	29,800*	120
	125	71.6	328.5	40,200	73.9	325.6	41,000*	76.3	319.7	29,300*	125
	130	70.7	326.6	37,400	73.0	323.7	40,000	75.3	317.8	28,800*	130
	140	68.9	322.5	32,300	71.2	319.6	34,700	73.5	313.6	27,800*	140
	150	67.0	318.1	28,000	69.3	315.1	30,200	71.6	309.0	26,900*	150
	160	65.2	313.3	24,300	67.5	310.2	26,300	69.7	304.1	26,100*	160
	170	63.3	308.0	21,100	65.5	304.9	22,800	67.7	298.6	24,600	170
	180	61.4	302.4	18,200	63.6	299.2	19,800	65.7	292.8	21,400	180
	190	59.4	296.2	15,600	61.6	293.0	17,100	63.7	286.5	18,600	190
	200	57.4	289.6	13,400	59.6	286.3	14,700	61.6	279.6	16,000	200
	210	55.3	282.5	11,300	57.5	279.1	12,600	59.5	272.2	13,700	210
220	53.2	274.8	9,400	55.3	271.3	10,600	57.3	264.2	11,600	220	
230	51.0	266.5	7,700	53.1	262.9	8,800	55.0	255.5	9,700	230	
240	48.8	257.5	6,200	50.8	253.7	7,200	52.6	246.1	8,000	240	
250	46.4	247.7	4,800	48.5	243.8	5,600	50.2	235.9	6,400	250	
260				46.0	233.0	4,200	47.6	224.7	4,900	260	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH LONG REACH TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB 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	353.0	51,900*							75
	80	79.8	351.9	51,200*							80
	85	78.9	350.8	50,500*							85
	90	78.1	349.6	49,900*	80.4	346.8	44,100*				90
	95	77.2	348.4	49,300*	79.6	345.5	43,700*				95
	100	76.4	347.0	48,700*	78.7	344.2	43,200*				100
	105	75.5	345.6	48,100*	77.9	342.8	42,800*	80.2	337.0	31,800*	105
	110	74.7	344.1	47,500*	77.0	341.2	42,400*	79.3	335.4	31,200*	110
	115	73.8	342.5	46,000	76.1	339.6	41,900*	78.5	333.8	30,600*	115
	120	73.0	340.9	42,600	75.3	338.0	41,100*	77.6	332.1	30,100*	120
	125	72.1	339.1	39,500	74.4	336.2	40,300*	76.7	330.3	29,500*	125
	130	71.3	337.3	36,600	73.5	334.4	39,300	75.8	328.4	29,000*	130
	140	69.5	333.4	31,600	71.8	330.4	34,000	74.0	324.4	28,100*	140
	150	67.7	329.1	27,300	70.0	326.1	29,500	72.2	320.0	27,200*	150
	160	65.9	324.4	23,500	68.2	321.4	25,600	70.3	315.2	26,400*	160
	170	64.1	319.4	20,300	66.3	316.3	22,100	68.4	310.0	24,000	170
	180	62.3	313.9	17,400	64.4	310.8	19,100	66.5	304.4	20,800	180
	190	60.4	308.0	14,900	62.5	304.8	16,400	64.6	298.3	17,900	190
	200	58.4	301.7	12,600	60.6	298.4	14,000	62.6	291.7	15,400	200
	210	56.5	294.8	10,500	58.6	291.5	11,800	60.5	284.6	13,100	210
	220	54.4	287.5	8,600	56.5	284.0	9,900	58.4	277.0	11,000	220
230	52.4	279.5	6,900	54.4	276.0	8,100	56.3	268.7	9,100	230	
240	50.2	271.0	5,400	52.3	267.3	6,400	54.0	259.8	7,300	240	
250	48.0	261.8	4,000	50.0	257.9	4,900	51.7	250.1	5,700	250	
260							49.3	239.7	4,200	260	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET	
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS		
190	65	80.9	293.9	41,100*							65	
	70	79.9	292.8	40,400*							70	
	75	78.9	291.6	39,800*							75	
	80	77.9	290.4	39,100*							80	
	85	76.9	289.0	38,500*	80.4	286.2	34,400*				85	
	90	75.8	287.6	37,900*	79.4	284.7	33,900*				90	
	95	74.8	286.0	37,300*	78.3	283.1	33,300*				95	
	100	73.8	284.4	36,700*	77.3	281.5	32,700*				100	
	105	72.7	282.6	36,100*	76.2	279.7	32,200*	80.1	274.0	25,500*	105	
	110	71.7	280.8	35,500*	75.2	277.9	31,700*	79.0	272.2	24,900*	110	
	115	70.6	278.9	35,000*	74.1	275.9	31,200*	77.9	270.2	24,300*	115	
	120	69.6	276.8	34,500*	73.0	273.8	30,700*	76.8	268.1	23,800*	120	
	125	68.5	274.6	33,900*	72.0	271.6	30,200*	75.7	265.8	23,200*	125	
	130	67.4	272.4	33,300*	70.9	269.3	29,700*	74.6	263.5	22,700*	130	
	140	65.2	267.4	32,200*	68.7	264.3	28,800*	72.3	258.5	21,800*	140	
	150	63.0	262.0	31,100*	66.4	258.9	27,900*	70.0	252.9	20,900*	150	
	160	60.7	256.1	30,000	64.1	252.9	27,100*	67.7	246.8	20,200*	160	
	170	58.4	249.7	26,700	61.7	246.3	26,400*	65.2	240.2	19,400*	170	
	180	56.0	242.6	23,900	59.3	239.2	25,300	62.7	232.8	18,800*	180	
	190	53.5	234.8	21,300	56.8	231.3	22,600	60.1	224.8	18,200*	190	
200	200	50.9	226.4	19,100	54.1	222.7	20,200	57.4	216.0	17,600*	200	
	210	48.2	217.1	17,000	51.4	213.2	18,100	54.6	206.3	17,100*	210	
	220	45.4	206.9	15,200	48.5	202.8	16,100	51.6	195.5	16,700*	220	
	230	42.5	195.6	13,500	45.5	191.3	14,300	48.5	183.6	15,200	230	
	240	39.3	183.0	11,900	42.3	178.3	12,700				240	
	250	35.9	168.7	10,500	38.8	163.7	11,100				250	
	260	32.1	152.5	9,200	34.9	146.8	9,700				260	
	270	27.9	133.3	8,000							270	
	200	70	80.2	303.0	40,700*							70
		75	79.3	301.9	40,000*							75
		80	78.3	300.7	39,400*							80
		85	77.3	299.4	38,800*	80.7	296.5	34,500*				85
90		76.3	298.0	38,200*	79.7	295.1	34,000*				90	
95		75.3	296.5	37,600*	78.7	293.6	33,500*				95	
100		74.3	294.9	37,000*	77.7	292.0	33,000*				100	
105		73.3	293.2	36,400*	76.7	290.3	32,400*	80.5	284.5	25,700*	105	
110		72.3	291.5	35,900*	75.7	288.5	31,900*	79.4	282.7	25,100*	110	
115		71.3	289.6	35,300*	74.7	286.6	31,400*	78.4	280.8	24,500*	115	
120		70.3	287.6	34,800*	73.7	284.6	31,000*	77.3	278.8	24,000*	120	
125		69.3	285.5	34,300*	72.6	282.5	30,500*	76.3	276.6	23,500*	125	
130		68.2	283.3	33,800*	71.6	280.3	30,000*	75.2	274.4	23,000*	130	
140		66.1	278.6	32,700*	69.4	275.5	29,100*	73.0	269.6	22,100*	140	
150		64.0	273.5	31,600*	67.3	270.3	28,300*	70.8	264.3	21,200*	150	
160		61.8	267.8	29,100	65.1	264.6	27,500*	68.5	258.4	20,400*	160	
170		59.6	261.6	25,900	62.8	258.3	26,700*	66.2	252.1	19,700*	170	
180		57.3	254.9	23,000	60.5	251.5	24,500	63.8	245.1	19,100*	180	
190		54.9	247.6	20,500	58.1	244.0	21,800	61.4	237.5	18,500*	190	
200		52.5	239.6	18,200	55.6	235.9	19,400	58.8	229.2	17,900*	200	
210	50.0	230.8	16,200	53.1	227.0	17,300	56.2	220.1	17,400*	210		
220	47.3	221.3	14,300	50.4	217.3	15,300	53.4	210.1	16,400	220		
230	44.6	210.8	12,600	47.6	206.6	13,500	50.5	199.0	14,500	230		
240	41.7	199.2	11,100	44.6	194.7	11,900	47.4	186.7	12,700	240		
250	38.6	186.2	9,600	41.4	181.5	10,300				250		
260	35.2	171.7	8,300	38.0	166.5	8,900				260		
270	31.5	155.1	7,100	34.2	149.2	7,600				270		
280	27.4	135.5	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 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	70	80.6	313.2	40,900*							70
	75	79.6	312.1	40,300*							75
	80	78.7	311.0	39,600*							80
	85	77.7	309.7	39,000*							85
	90	76.8	308.4	38,400*	80.1	305.4	34,200*				90
	95	75.8	306.9	37,800*	79.1	304.0	33,700*				95
	100	74.9	305.4	37,300*	78.2	302.4	33,200*				100
	105	73.9	303.8	36,700*	77.2	300.8	32,700*	80.8	294.9	25,900*	105
	110	72.9	302.1	36,200*	76.2	299.1	32,200*	79.8	293.2	25,300*	110
	115	71.9	300.3	35,700*	75.2	297.2	31,700*	78.8	291.3	24,800*	115
	120	71.0	298.4	35,100*	74.2	295.3	31,200*	77.8	289.4	24,200*	120
	125	70.0	296.4	34,600*	73.2	293.3	30,700*	76.7	287.4	23,700*	125
	130	69.0	294.3	34,100*	72.2	291.2	30,300*	75.7	285.2	23,200*	130
	140	66.9	289.7	33,100*	70.2	286.6	29,400*	73.6	280.6	22,300*	140
	150	64.9	284.8	32,000*	68.1	281.6	28,600*	71.5	275.5	21,500*	150
	160	62.8	279.4	28,600	66.0	276.1	27,800*	69.3	269.9	20,700*	160
	170	60.7	273.4	25,400	63.8	270.1	27,000*	67.1	263.8	20,000*	170
	180	58.5	267.0	22,500	61.6	263.6	24,100	64.9	257.2	19,400*	180
	190	56.2	260.0	20,000	59.3	256.5	21,400	62.5	250.0	18,700*	190
	200	53.9	252.4	17,700	57.0	248.8	19,000	60.1	242.1	18,200*	200
	210	51.6	244.2	15,700	54.6	240.4	16,900	57.6	233.5	17,700*	210
	220	49.1	235.2	13,800	52.1	231.3	14,900	55.0	224.1	16,000	220
	230	46.5	225.3	12,100	49.4	221.2	13,100	52.3	213.8	14,100	230
	240	43.8	214.6	10,600	46.7	210.2	11,500	49.5	202.5	12,400	240
	250	40.9	202.7	9,200	43.7	198.1	9,900	46.4	189.9	10,700	250
	260	37.9	189.5	7,900	40.6	184.5	8,500				260
	270	34.6	174.6	6,700	37.2	169.2	7,200				270
	280	31.0	157.6	5,500	33.5	151.6	6,000				280
220	70	80.8	323.4	41,100*							70
	75	79.9	322.4	40,500*							75
	80	79.0	321.2	39,900*							80
	85	78.1	320.0	39,300*							85
	90	77.2	318.7	38,700*	80.4	315.7	34,300*				90
	95	76.3	317.3	38,100*	79.5	314.3	33,900*				95
	100	75.3	315.9	37,600*	78.5	312.8	33,400*				100
	105	74.4	314.3	37,000*	77.6	311.3	32,900*				105
	110	73.5	312.7	36,500*	76.7	309.6	32,400*	80.1	303.6	25,500*	110
	115	72.5	310.9	36,000*	75.7	307.8	31,900*	79.2	301.9	25,000*	115
	120	71.6	309.1	35,500*	74.7	306.0	31,400*	78.2	300.0	24,500*	120
	125	70.6	307.1	35,000*	73.8	304.0	31,000*	77.2	298.0	24,000*	125
	130	69.7	305.1	34,500*	72.8	302.0	30,500*	76.2	295.9	23,500*	130
	140	67.7	300.7	33,500*	70.8	297.6	29,700*	74.2	291.5	22,600*	140
	150	65.7	296.0	31,500	68.8	292.7	28,800*	72.2	286.6	21,700*	150
	160	63.7	290.8	27,800	66.8	287.5	28,100*	70.1	281.3	21,000*	160
	170	61.7	285.1	24,600	64.7	281.8	26,400	68.0	275.4	20,300*	170
	180	59.6	279.0	21,700	62.6	275.5	23,400	65.8	269.1	19,600*	180
	190	57.5	272.3	19,100	60.5	268.8	20,700	63.6	262.2	19,000*	190
	200	55.3	265.1	16,900	58.2	261.4	18,300	61.3	254.8	18,500*	200
	210	53.0	257.2	14,800	55.9	253.5	16,100	58.9	246.6	17,500	210
	220	50.7	248.7	13,000	53.6	244.8	14,100	56.5	237.8	15,400	220
	230	48.2	239.5	11,300	51.1	235.4	12,300	53.9	228.1	13,400	230
	240	45.7	229.4	9,700	48.5	225.1	10,700	51.3	217.5	11,700	240
	250	43.0	218.3	8,300	45.8	213.9	9,200	48.5	205.9	10,000	250
	260	40.2	206.1	7,000	42.9	201.4	7,800	45.5	193.0	8,500	260
	270	37.3	192.6	5,800	39.9	187.6	6,400				270
	280	34.0	177.5	4,600	36.5	171.9	5,200				280

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	75	80.2	332.6	40,700*							75
	80	79.4	331.5	40,100*							80
	85	78.5	330.3	39,500*							85
	90	77.6	329.1	38,900*	80.7	326.0	34,500*				90
	95	76.7	327.7	38,400*	79.8	324.7	34,000*				95
	100	75.8	326.3	37,800*	78.9	323.2	33,600*				100
	105	74.9	324.8	37,300*	78.0	321.7	33,100*				105
	110	74.0	323.2	36,800*	77.1	320.1	32,600*	80.5	314.1	25,700*	110
	115	73.1	321.5	36,300*	76.2	318.4	32,100*	79.5	312.4	25,200*	115
	120	72.2	319.7	35,800*	75.2	316.6	31,700*	78.6	310.6	24,700*	120
	125	71.2	317.9	35,300*	74.3	314.7	31,200*	77.6	308.6	24,200*	125
	130	70.3	315.9	34,800*	73.4	312.7	30,800*	76.7	306.6	23,700*	130
	140	68.4	311.7	33,900*	71.5	308.5	29,900*	74.7	302.4	22,800*	140
	150	66.5	307.1	30,800	69.5	303.9	29,100*	72.8	297.7	22,000*	150
	160	64.6	302.1	27,000	67.6	298.8	28,300*	70.8	292.5	21,200*	160
	170	62.6	296.7	23,800	65.6	293.3	25,700	68.7	286.9	20,500*	170
	180	60.6	290.8	20,900	63.6	287.3	22,700	66.7	280.9	19,900*	180
	190	58.6	284.4	18,400	61.5	280.9	20,000	64.5	274.3	19,300*	190
	200	56.5	277.5	16,100	59.4	273.9	17,600	62.4	267.2	18,700*	200
	210	54.3	270.0	14,000	57.2	266.3	15,400	60.1	259.4	16,900	210
	220	52.1	261.9	12,200	54.9	258.1	13,400	57.8	251.0	14,800	220
	230	49.8	253.2	10,500	52.6	249.2	11,600	55.4	241.9	12,800	230
	240	47.4	243.7	8,900	50.2	239.5	10,000	52.9	232.0	11,100	240
	250	44.9	233.3	7,500	47.6	229.0	8,500	50.3	221.1	9,400	250
	260	42.3	222.0	6,200	45.0	217.4	7,000	47.5	209.2	7,900	260
	270	39.6	209.5	5,000	42.2	204.7	5,700				270
	280				39.1	190.5	4,500				280
	240	75	80.5	342.8	40,900*						
80		79.7	341.7	40,300*							80
85		78.8	340.6	39,700*							85
90		78.0	339.4	39,200*	81.0	336.3	34,600*				90
95		77.1	338.1	38,600*	80.1	335.0	34,200*				95
100		76.2	336.7	38,100*	79.2	333.6	33,700*				100
105		75.3	335.2	37,600*	78.4	332.1	33,300*				105
110		74.5	333.7	37,000*	77.5	330.6	32,800*	80.8	324.5	25,900*	110
115		73.6	332.1	36,600*	76.6	328.9	32,300*	79.8	322.8	25,400*	115
120		72.7	330.3	36,100*	75.7	327.2	31,900*	78.9	321.1	24,900*	120
125		71.8	328.5	35,600*	74.8	325.4	31,400*	78.0	319.2	24,400*	125
130		70.9	326.6	35,100*	73.9	323.5	31,000*	77.1	317.3	23,900*	130
140		69.1	322.6	34,200*	72.1	319.4	30,200*	75.2	313.2	23,000*	140
150		67.3	318.1	29,900	70.2	314.9	29,400*	73.3	308.6	22,200*	150
160		65.4	313.3	26,200	68.3	310.0	28,400	71.4	303.7	21,500*	160
170		63.5	308.1	22,900	66.4	304.7	25,000	69.5	298.3	20,800*	170
180		61.6	302.4	20,100	64.5	299.0	21,900	67.5	292.5	20,100*	180
190		59.6	296.3	17,500	62.5	292.8	19,200	65.4	286.2	19,500*	190
200		57.6	289.7	15,200	60.4	286.1	16,800	63.3	279.4	18,500	200
210		55.6	282.5	13,200	58.3	278.8	14,600	61.2	272.0	16,200	210
220		53.4	274.8	11,300	56.2	271.0	12,600	59.0	264.0	14,100	220
230		51.3	266.5	9,600	54.0	262.6	10,800	56.7	255.4	12,100	230
240		49.0	257.5	8,100	51.7	253.4	9,200	54.4	246.0	10,300	240
250		46.7	247.8	6,600	49.3	243.5	7,700	51.9	235.8	8,700	250
260		44.2	237.2	5,300	46.8	232.7	6,200	49.3	224.7	7,200	260
270		41.7	225.6	4,100	44.2	220.9	4,900	46.6	212.5	5,800	270

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	75	80.8	353.0	41,100*							75
	80	80.0	352.0	40,500*							80
	85	79.1	350.9	39,900*							85
	90	78.3	349.7	39,400*							90
	95	77.5	348.4	38,800*	80.4	345.3	34,300*				95
	100	76.6	347.1	38,300*	79.6	344.0	33,900*				100
	105	75.8	345.7	37,800*	78.7	342.5	33,400*				105
	110	74.9	344.2	37,300*	77.8	341.0	33,000*				110
	115	74.1	342.6	36,800*	77.0	339.4	32,500*	80.2	333.3	25,600*	115
	120	73.2	340.9	36,300*	76.1	337.7	32,100*	79.3	331.6	25,100*	120
	125	72.4	339.2	35,900*	75.2	336.0	31,700*	78.4	329.8	24,600*	125
	130	71.5	337.3	35,400*	74.4	334.1	31,200*	77.5	327.9	24,100*	130
	140	69.7	333.4	33,700	72.6	330.2	30,400*	75.7	323.9	23,300*	140
	150	68.0	329.1	29,400	70.8	325.8	29,600*	73.9	319.5	22,400*	150
	160	66.2	324.5	25,700	69.0	321.1	28,000	72.0	314.8	21,700*	160
	170	64.3	319.4	22,400	67.2	316.0	24,500	70.1	309.6	21,000*	170
	180	62.5	314.0	19,500	65.3	310.5	21,500	68.2	304.0	20,400*	180
	190	60.6	308.1	17,000	63.4	304.6	18,800	66.3	297.9	19,800*	190
	200	58.7	301.7	14,700	61.4	298.1	16,400	64.3	291.4	18,100	200
	210	56.7	294.9	12,600	59.4	291.2	14,200	62.2	284.4	15,800	210
	220	54.7	287.5	10,800	57.4	283.7	12,200	60.1	276.7	13,700	220
	230	52.6	279.6	9,100	55.3	275.7	10,400	57.9	268.5	11,700	230
	240	50.4	271.0	7,500	53.1	267.0	8,700	55.7	259.7	10,000	240
	250	48.2	261.8	6,100	50.8	257.6	7,200	53.4	250.0	8,300	250
	260	45.9	251.8	4,800	48.5	247.5	5,800	51.0	239.6	6,800	260
	270				46.0	236.4	4,500	48.4	228.2	5,400	270
	280							45.8	215.7	4,100	280
260	80	80.3	362.2	40,700*							80
	85	79.5	361.1	40,100*							85
	90	78.6	360.0	39,600*							90
	95	77.8	358.7	39,100*	80.7	355.6	34,400*				95
	100	77.0	357.4	38,500*	79.9	354.3	34,000*				100
	105	76.2	356.1	38,000*	79.0	352.9	33,600*				105
	110	75.4	354.6	37,600*	78.2	351.4	33,200*				110
	115	74.5	353.1	37,100*	77.4	349.9	32,700*	80.4	343.7	25,700*	115
	120	73.7	351.5	36,600*	76.5	348.3	32,300*	79.6	342.0	25,200*	120
	125	72.9	349.8	36,100*	75.7	346.6	31,900*	78.7	340.3	24,800*	125
	130	72.0	348.0	35,700*	74.8	344.8	31,500*	77.9	338.5	24,300*	130
	140	70.3	344.2	32,900	73.1	340.9	30,700*	76.1	334.6	23,500*	140
	150	68.6	340.0	28,600	71.4	336.7	29,900*	74.4	330.4	22,700*	150
	160	66.9	335.5	24,800	69.6	332.2	27,300	72.6	325.8	21,900*	160
	170	65.1	330.7	21,600	67.9	327.3	23,800	70.8	320.8	21,200*	170
	180	63.3	325.4	18,700	66.0	321.9	20,700	68.9	315.4	20,600*	180
	190	61.5	319.7	16,100	64.2	316.2	18,000	67.0	309.6	20,000*	190
	200	59.6	313.6	13,800	62.3	310.0	15,600	65.1	303.3	17,500	200
	210	57.8	307.1	11,800	60.4	303.4	13,400	63.1	296.5	15,100	210
	220	55.8	300.0	9,900	58.4	296.2	11,400	61.1	289.2	13,000	220
	230	53.8	292.4	8,200	56.4	288.6	9,600	59.1	281.4	11,000	230
	240	51.8	284.3	6,700	54.4	280.3	7,900	56.9	273.0	9,300	240
	250	49.7	275.5	5,200	52.2	271.4	6,400	54.7	263.9	7,600	250
	260				50.0	261.8	5,000	52.5	254.0	6,100	260
	270							50.1	243.3	4,700	270

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH LONG REACH TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

100 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB 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	80	80.5	372.4	40,900*							80
	85	79.7	371.3	40,300*							85
	90	79.0	370.2	39,800*							90
	95	78.2	369.0	39,300*	80.9	365.9	34,600*				95
	100	77.4	367.8	38,800*	80.1	364.6	34,200*				100
	105	76.6	366.4	38,300*	79.3	363.3	33,800*				105
	110	75.8	365.0	37,800*	78.5	361.8	33,300*				110
	115	75.0	363.5	37,300*	77.7	360.3	32,900*	80.7	354.0	25,800*	115
	120	74.2	362.0	36,800*	76.9	358.8	32,500*	79.9	352.4	25,400*	120
	125	73.3	360.3	36,400*	76.1	357.1	32,000*	79.1	350.8	25,000*	125
	130	72.5	358.6	35,900*	75.3	355.4	31,600*	78.2	349.0	24,500*	130
	140	70.9	354.9	32,100	73.6	351.6	30,900*	76.5	345.3	23,700*	140
	150	69.2	350.9	27,800	71.9	347.6	30,100*	74.8	341.2	22,900*	150
	160	67.5	346.5	24,100	70.2	343.2	26,600	73.1	336.7	22,100*	160
	170	65.8	341.8	20,800	68.5	338.4	23,100	71.3	331.9	21,400*	170
	180	64.1	336.7	17,900	66.8	333.3	20,100	69.6	326.7	20,800*	180
	190	62.4	331.3	15,400	65.0	327.7	17,300	67.7	321.1	19,500	190
	200	60.6	325.4	13,100	63.2	321.8	14,900	65.9	315.0	16,900	200
	210	58.7	319.1	11,000	61.3	315.4	12,700	64.0	308.5	14,500	210
	220	56.9	312.3	9,100	59.4	308.5	10,700	62.1	301.6	12,400	220
	230	55.0	305.0	7,400	57.5	301.2	8,900	60.1	294.1	10,400	230
	240	53.0	297.2	5,900	55.5	293.3	7,200	58.1	286.0	8,600	240
	250	51.0	288.9	4,400	53.5	284.8	5,700	56.0	277.3	7,000	250
	260				51.4	275.7	4,300	53.8	268.0	5,400	260
	270							51.6	257.9	4,000	270

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
190	70	80.5	313.4	32,800*							70
	75	79.5	312.3	32,100*							75
	80	78.6	311.1	31,500*							80
	85	77.7	309.9	30,800*							85
	90	76.7	308.5	30,100*	81.0	306.0	24,300*				90
	95	75.7	307.1	29,500*	80.0	304.6	23,800*				95
	100	74.8	305.6	28,800*	79.0	303.1	23,300*				100
	105	73.8	304.0	28,200*	78.1	301.4	22,800*				105
	110	72.8	302.2	27,600*	77.1	299.7	22,300*				110
	115	71.9	300.4	27,000*	76.1	297.9	21,800*	80.3	291.4	18,500*	115
	120	70.9	298.5	26,400*	75.1	296.0	21,400*	79.2	289.4	18,200*	120
	125	69.9	296.5	25,800*	74.1	294.0	20,900*	78.2	287.4	17,800*	125
	130	68.9	294.4	25,200*	73.1	291.9	20,500*	77.2	285.2	17,500*	130
	140	66.9	289.9	24,100*	71.1	287.4	19,700*	75.1	280.6	16,900*	140
	150	64.8	284.9	23,000*	69.0	282.5	18,900*	73.0	275.5	16,300*	150
	160	62.7	279.5	22,000*	66.9	277.0	18,100*	70.8	269.9	15,700*	160
	170	60.6	273.6	21,100*	64.7	271.1	17,500*	68.6	263.9	15,200*	170
	180	58.4	267.2	20,200*	62.5	264.7	16,800*	66.3	257.2	14,700*	180
	190	56.2	260.2	19,300*	60.3	257.7	16,200*	64.0	250.0	14,200*	190
	200	53.9	252.6	18,500*	57.9	250.1	15,600*	61.6	242.2	13,800*	200
210	51.5	244.4	17,200	55.5	241.8	15,000*	59.1	233.6	13,400*	210	
220	49.0	235.4	15,400	53.0	232.7	14,500*	56.5	224.2	13,100*	220	
230	46.5	225.6	13,700	50.4	222.8	14,000*	53.8	213.9	12,700*	230	
240	43.8	214.8	12,200	47.7	212.0	13,200	50.9	202.5	12,400*	240	
250	40.9	202.9	10,800	44.8	200.0	11,700	47.9	189.9	12,200*	250	
260	37.9	189.7	9,500	41.7	186.6	10,300	44.6	175.8	11,000	260	
270	34.6	174.9	8,200	38.4	171.6	9,000				270	
280	31.0	158.0	7,100	34.7	154.3	7,800				280	
290	26.9	138.1	6,100							290	
200	70	80.8	323.6	33,000*							70
	75	79.9	322.5	32,400*							75
	80	79.0	321.4	31,700*							80
	85	78.0	320.2	31,100*							85
	90	77.1	318.9	30,400*							90
	95	76.2	317.5	29,800*	80.3	314.9	23,900*				95
	100	75.3	316.0	29,200*	79.4	313.5	23,500*				100
	105	74.3	314.5	28,600*	78.4	311.9	23,000*				105
	110	73.4	312.8	27,900*	77.5	310.3	22,500*				110
	115	72.5	311.1	27,300*	76.5	308.5	22,100*	80.6	301.9	18,600*	115
	120	71.5	309.2	26,800*	75.6	306.7	21,600*	79.6	300.0	18,300*	120
	125	70.6	307.3	26,200*	74.6	304.8	21,200*	78.6	298.0	18,000*	125
	130	69.6	305.3	25,600*	73.7	302.7	20,700*	77.6	295.9	17,600*	130
	140	67.7	300.9	24,500*	71.7	298.4	19,900*	75.6	291.5	17,000*	140
	150	65.7	296.2	23,500*	69.7	293.6	19,200*	73.6	286.6	16,400*	150
	160	63.7	291.0	22,500*	67.7	288.4	18,400*	71.5	281.2	15,900*	160
	170	61.6	285.3	21,500*	65.6	282.7	17,700*	69.4	275.4	15,400*	170
	180	59.5	279.2	20,600*	63.5	276.6	17,100*	67.2	269.1	14,900*	180
	190	57.4	272.5	19,800*	61.4	269.9	16,500*	65.0	262.2	14,400*	190
	200	55.2	265.3	18,400	59.1	262.6	15,900*	62.7	254.7	14,000*	200
210	52.9	257.4	16,400	56.9	254.8	15,300*	60.4	246.6	13,600*	210	
220	50.6	248.9	14,500	54.5	246.2	14,800*	57.9	237.8	13,200*	220	
230	48.2	239.7	12,800	52.0	236.9	14,100	55.4	228.1	12,900*	230	
240	45.7	229.6	11,300	49.5	226.7	12,500	52.7	217.5	12,600*	240	
250	43.0	218.6	9,900	46.8	215.6	11,000	49.9	205.9	11,900	250	
260	40.2	206.4	8,600	43.9	203.3	9,500	46.9	192.9	10,300	260	
270	37.2	192.9	7,400	40.9	189.7	8,200				270	
280	34.0	177.8	6,300	37.6	174.3	7,000				280	
290	30.4	160.5	5,200	34.0	156.7	5,900				290	
300	26.4	140.2	4,200							300	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH LONG REACH TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
210	75	80.2	332.8	32,600*							75
	80	79.3	331.7	32,000*							80
	85	78.4	330.5	31,300*							85
	90	77.5	329.2	30,700*							90
	95	76.6	327.9	30,100*	80.6	325.2	24,100*				95
	100	75.7	326.5	29,500*	79.7	323.8	23,600*				100
	105	74.8	325.0	28,900*	78.8	322.3	23,200*				105
	110	73.9	323.4	28,300*	77.9	320.7	22,700*				110
	115	73.0	321.7	27,700*	77.0	319.0	22,300*	80.9	312.3	18,700*	115
	120	72.1	319.9	27,100*	76.1	317.3	21,800*	79.9	310.5	18,400*	120
	125	71.2	318.0	26,500*	75.1	315.4	21,400*	79.0	308.6	18,100*	125
	130	70.2	316.1	26,000*	74.2	313.5	21,000*	78.0	306.6	17,800*	130
	140	68.4	311.9	24,900*	72.3	309.3	20,200*	76.1	302.3	17,200*	140
	150	66.5	307.3	23,900*	70.4	304.7	19,400*	74.1	297.6	16,600*	150
	160	64.5	302.3	22,900*	68.4	299.7	18,700*	72.2	292.5	16,000*	160
	170	62.6	296.8	22,000*	66.5	294.2	18,000*	70.1	286.9	15,500*	170
	180	60.6	290.9	21,100*	64.4	288.3	17,400*	68.0	280.8	15,000*	180
	190	58.5	284.6	20,200*	62.4	281.9	16,700*	65.9	274.2	14,600*	190
	200	56.4	277.7	19,300*	60.2	275.0	16,200*	63.7	267.1	14,200*	200
	210	54.3	270.2	18,400*	58.1	267.5	15,600*	61.5	259.4	13,800*	210
	220	52.1	262.1	17,500*	55.8	259.4	15,100*	59.2	251.0	13,400*	220
	230	49.8	253.4	16,600*	53.5	250.6	14,600*	56.8	241.9	13,000*	230
	240	47.4	243.9	15,700*	51.1	241.0	14,100*	54.3	231.9	12,600*	240
	250	44.9	233.5	14,800*	48.6	230.6	13,600*	51.6	221.1	12,200*	250
	260	42.3	222.2	13,900*	45.9	219.2	13,100*	48.9	209.1	11,800*	260
	270	39.5	209.8	13,000*	43.1	206.6	12,600*	45.9	195.9	11,400*	270
	280	36.6	196.0	12,100*	40.2	192.7	12,100*				280
	290	33.4	180.6	11,200*	36.9	177.0	11,600*				290
	300			10,300*	33.3	159.0	11,100*				300
	220	75	80.5	343.0	32,800*						
80		79.6	341.9	32,200*							80
85		78.8	340.8	31,600*							85
90		77.9	339.5	31,000*							90
95		77.0	338.2	30,400*	80.9	335.6	24,300*				95
100		76.2	336.9	29,800*	80.0	334.2	23,800*				100
105		75.3	335.4	29,200*	79.2	332.7	23,300*				105
110		74.4	333.9	28,600*	78.3	331.2	22,900*				110
115		73.5	332.2	28,000*	77.4	329.6	22,400*				115
120		72.6	330.5	27,500*	76.5	327.8	22,000*	80.3	321.0	18,500*	120
125		71.8	328.7	26,900*	75.6	326.0	21,600*	79.4	319.1	18,200*	125
130		70.9	326.8	26,400*	74.7	324.2	21,200*	78.4	317.2	17,900*	130
140		69.0	322.8	25,300*	72.9	320.1	20,400*	76.6	313.1	17,300*	140
150		67.2	318.3	24,300*	71.0	315.7	19,600*	74.7	308.5	16,700*	150
160		65.4	313.5	23,300*	69.1	310.8	18,900*	72.7	303.6	16,200*	160
170		63.5	308.3	22,400*	67.2	305.6	18,300*	70.8	298.2	15,700*	170
180		61.5	302.6	21,500*	65.3	299.9	17,600*	68.8	292.4	15,200*	180
190		59.6	296.5	20,600*	63.3	293.8	17,000*	66.8	286.1	14,800*	190
200		57.6	289.9	19,700*	61.3	287.2	16,400*	64.7	279.3	14,400*	200
210		55.5	282.7	18,800*	59.2	280.0	15,900*	62.5	271.9	14,000*	210
220		53.4	275.0	17,900*	57.1	272.3	15,400*	60.3	263.9	13,600*	220
230		51.2	266.7	17,000*	54.9	263.9	14,900*	58.1	255.3	13,200*	230
240		49.0	257.7	16,100*	52.6	254.9	14,400*	55.7	245.9	12,800*	240
250		46.6	248.0	15,200*	50.2	245.0	13,900*	53.2	235.7	12,400*	250
260		44.2	237.4	14,300*	47.7	234.4	13,400*	50.6	224.6	12,000*	260
270		41.6	225.9	13,400*	45.1	222.7	12,900*	47.9	212.3	11,600*	270
280		38.9	213.2	12,500*	42.4	209.9	12,400*	45.0	198.8	11,200*	280
290				11,600*	39.4	195.6	11,900*				290

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

**NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING**

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
230	75	80.7	353.2	32,900*							75
	80	79.9	352.1	32,400*							80
	85	79.1	351.0	31,800*							85
	90	78.2	349.8	31,200*							90
	95	77.4	348.6	30,600*							95
	100	76.6	347.2	30,000*	80.3	344.5	23,900*				100
	105	75.7	345.8	29,500*	79.5	343.1	23,500*				105
	110	74.9	344.3	28,900*	78.6	341.6	23,000*				110
	115	74.0	342.7	28,300*	77.8	340.0	22,600*				115
	120	73.2	341.1	27,800*	76.9	338.4	22,200*	80.6	331.4	18,600*	120
	125	72.3	339.3	27,200*	76.0	336.6	21,800*	79.7	329.6	18,300*	125
	130	71.4	337.5	26,700*	75.1	334.8	21,400*	78.8	327.8	18,000*	130
	140	69.7	333.6	25,700*	73.4	330.9	20,600*	77.0	323.8	17,400*	140
	150	67.9	329.3	24,600*	71.6	326.6	19,900*	75.2	319.4	16,900*	150
	160	66.1	324.6	23,700*	69.8	321.9	19,200*	73.3	314.6	16,300*	160
	170	64.3	319.6	22,800*	67.9	316.9	18,500*	71.4	309.4	15,800*	170
	180	62.4	314.1	21,100	66.1	311.4	17,900*	69.5	303.8	15,400*	180
	190	60.5	308.3	18,600	64.2	305.5	17,300*	67.5	297.8	14,900*	190
	200	58.6	301.9	16,300	62.2	299.2	16,700*	65.5	291.2	14,500*	200
	210	56.6	295.1	14,300	60.2	292.3	16,100	63.5	284.2	14,100*	210
	220	54.6	287.7	12,400	58.2	284.9	14,100	61.4	276.6	13,800*	220
230	52.5	279.8	10,700	56.1	276.9	12,300	59.2	268.4	13,400*	230	
240	50.4	271.3	9,200	53.9	268.4	10,600	57.0	259.5	11,900	240	
250	48.2	262.0	7,800	51.7	259.1	9,100	54.7	249.9	10,300	250	
260	45.9	252.1	6,500	49.4	249.0	7,700	52.2	239.4	8,700	260	
270	43.5	241.2	5,300	46.9	238.1	6,400	49.7	228.0	7,300	270	
280	41.0	229.4	4,100	44.4	226.2	5,200	47.0	215.5	6,000	280	
290				41.7	213.1	4,000	44.2	201.7	4,700	290	
240	80	80.2	362.3	32,600*							80
	85	79.4	361.3	32,000*							85
	90	78.6	360.1	31,400*							90
	95	77.8	358.9	30,900*							95
	100	76.9	357.6	30,300*	80.6	354.8	24,100*				100
	105	76.1	356.2	29,700*	79.8	353.4	23,600*				105
	110	75.3	354.8	29,200*	78.9	352.0	23,200*				110
	115	74.5	353.2	28,600*	78.1	350.5	22,800*				115
	120	73.6	351.6	28,100*	77.3	348.9	22,400*	80.8	341.8	18,700*	120
	125	72.8	349.9	27,500*	76.4	347.2	22,000*	80.0	340.1	18,400*	125
	130	72.0	348.2	27,000*	75.6	345.4	21,600*	79.1	338.3	18,100*	130
	140	70.3	344.4	26,000*	73.9	341.6	20,800*	77.4	334.4	17,500*	140
	150	68.6	340.2	25,000*	72.1	337.5	20,100*	75.6	330.2	17,000*	150
	160	66.8	335.7	24,000*	70.4	333.0	19,400*	73.8	325.6	16,500*	160
	170	65.1	330.8	23,100*	68.6	328.1	18,700*	72.0	320.6	16,000*	170
	180	63.3	325.6	20,300	66.8	322.8	18,100*	70.2	315.2	15,500*	180
	190	61.5	319.9	17,700	65.0	317.1	17,500*	68.3	309.4	15,100*	190
	200	59.6	313.8	15,400	63.1	311.0	17,000*	66.4	303.1	14,700*	200
	210	57.7	307.2	13,400	61.2	304.4	15,300	64.4	296.3	14,300*	210
	220	55.8	300.2	11,500	59.2	297.3	13,300	62.4	289.0	13,900*	220
	230	53.8	292.6	9,800	57.2	289.7	11,500	60.3	281.2	13,000	230
240	51.7	284.5	8,300	55.2	281.5	9,900	58.2	272.7	11,200	240	
250	49.6	275.7	6,900	53.0	272.7	8,300	56.0	263.6	9,600	250	
260	47.5	266.3	5,600	50.8	263.2	6,900	53.7	253.8	8,000	260	
270	45.2	256.0	4,400	48.5	252.9	5,600	51.3	243.0	6,600	270	
280				46.2	241.8	4,400	48.8	231.4	5,300	280	
290							46.2	218.6	4,000	290	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE
JIB NO. 132 WITH 20' STRUT ON
BOOM NO. 44 WITH LONG REACH TOP
207,000 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
250	80	80.5	372.5	32,800*							80
	85	79.7	371.5	32,200*							85
	90	78.9	370.4	31,700*							90
	95	78.1	369.2	31,100*							95
	100	77.3	367.9	30,600*	80.9	365.1	24,200*				100
	105	76.5	366.6	30,000*	80.1	363.8	23,800*				105
	110	75.7	365.2	29,400*	79.3	362.4	23,400*				110
	115	74.9	363.7	28,900*	78.4	360.9	23,000*				115
	120	74.1	362.1	28,400*	77.6	359.3	22,600*				120
	125	73.3	360.5	27,900*	76.8	357.7	22,200*	80.3	350.6	18,500*	125
	130	72.5	358.8	27,300*	76.0	356.0	21,800*	79.4	348.8	18,200*	130
	140	70.8	355.1	26,300*	74.3	352.3	21,000*	77.8	345.1	17,700*	140
	150	69.2	351.1	25,400*	72.7	348.3	20,300*	76.0	341.0	17,100*	150
	160	67.5	346.7	24,400*	71.0	343.9	19,600*	74.3	336.5	16,600*	160
	170	65.8	342.0	22,600	69.3	339.2	19,000*	72.6	331.7	16,100*	170
	180	64.1	336.9	19,800	67.5	334.1	18,400*	70.8	326.5	15,700*	180
	190	62.3	331.5	17,200	65.7	328.6	17,800*	69.0	320.8	15,200*	190
	200	60.5	325.6	14,900	63.9	322.7	17,100	67.1	314.8	14,800*	200
	210	58.7	319.3	12,900	62.1	316.4	14,900	65.2	308.3	14,500*	210
	220	56.8	312.5	11,000	60.2	309.6	12,900	63.3	301.3	14,100*	220
	230	54.9	305.2	9,300	58.3	302.3	11,100	61.3	293.8	12,600	230
	240	53.0	297.4	7,800	56.3	294.5	9,400	59.3	285.7	10,800	240
250	51.0	289.1	6,400	54.3	286.1	7,900	57.2	277.1	9,200	250	
260	48.9	280.1	5,000	52.2	277.0	6,400	55.0	267.7	7,600	260	
270				50.0	267.3	5,100	52.8	257.6	6,200	270	
280							50.4	246.6	4,900	280	
260	80	80.7	382.7	32,900*							80
	85	80.0	381.7	32,400*							85
	90	79.2	380.6	31,900*							90
	95	78.4	379.5	31,300*							95
	100	77.6	378.3	30,800*							100
	105	76.9	377.0	30,200*	80.3	374.1	23,900*				105
	110	76.1	375.6	29,700*	79.6	372.7	23,500*				110
	115	75.3	374.1	29,200*	78.8	371.3	23,100*				115
	120	74.5	372.6	28,700*	78.0	369.8	22,700*				120
	125	73.7	371.0	28,100*	77.2	368.2	22,300*	80.6	361.0	18,600*	125
	130	73.0	369.4	27,600*	76.4	366.5	22,000*	79.7	359.3	18,300*	130
	140	71.4	365.8	26,600*	74.8	362.9	21,200*	78.1	355.6	17,800*	140
	150	69.7	361.9	25,700*	73.2	359.1	20,500*	76.4	351.7	17,200*	150
	160	68.1	357.7	24,800*	71.5	354.8	19,800*	74.8	347.4	16,700*	160
	170	66.5	353.1	21,800	69.8	350.3	19,200*	73.1	342.7	16,300*	170
	180	64.8	348.2	18,900	68.2	345.3	18,600*	71.3	337.6	15,800*	180
	190	63.1	342.9	16,400	66.5	340.0	18,000*	69.6	332.2	15,400*	190
	200	61.4	337.2	14,100	64.7	334.4	16,400	67.8	326.4	15,000*	200
	210	59.6	331.1	12,000	62.9	328.2	14,100	66.0	320.1	14,600*	210
	220	57.8	324.6	10,100	61.1	321.7	12,100	64.1	313.4	14,000	220
	230	56.0	317.6	8,500	59.3	314.7	10,300	62.2	306.2	12,000	230
	240	54.1	310.2	6,900	57.4	307.2	8,600	60.3	298.5	10,200	240
250	52.2	302.2	5,500	55.5	299.2	7,100	58.3	290.2	8,500	250	
260	50.2	293.6	4,200	53.5	290.5	5,700	56.2	281.3	7,000	260	
270				51.4	281.3	4,300	54.1	271.7	5,500	270	
280							51.9	261.4	4,200	280	

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250 SERIES 2

NEW YORK CITY CODE

JIB NO. 132 WITH 20' STRUT ON

BOOM NO. 44 WITH LONG REACH TOP

207,000 LB. CRANE COUNTERWEIGHT

60,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

120 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	5 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB 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	81.0	392.9	33,100*							80
	85	80.2	391.9	32,600*							85
	90	79.5	390.9	32,100*							90
	95	78.7	389.7	31,500*							95
	100	78.0	388.6	31,000*							100
	105	77.2	387.3	30,500*	80.6	384.4	24,100*				105
	110	76.5	386.0	30,000*	79.8	383.1	23,600*				110
	115	75.7	384.5	29,400*	79.1	381.7	23,300*				115
	120	74.9	383.1	28,900*	78.3	380.2	22,900*				120
	125	74.2	381.5	28,400*	77.5	378.6	22,500*	80.8	371.4	18,700*	125
	130	73.4	379.9	27,900*	76.7	377.0	22,100*	80.0	369.7	18,400*	130
	140	71.9	376.4	26,900*	75.2	373.6	21,400*	78.4	366.2	17,900*	140
	150	70.3	372.6	26,000*	73.6	369.8	20,700*	76.8	362.3	17,400*	150
	160	68.7	368.6	24,300	72.0	365.7	20,000*	75.2	358.2	16,900*	160
	170	67.1	364.1	21,000	70.4	361.3	19,400*	73.6	353.6	16,400*	170
	180	65.5	359.4	18,100	68.8	356.5	18,800*	71.9	348.8	16,000*	180
	190	63.9	354.2	15,600	67.1	351.4	18,200*	70.2	343.5	15,500*	190
	200	62.2	348.8	13,300	65.4	345.9	15,700	68.5	337.9	15,100*	200
	210	60.5	342.9	11,200	63.7	340.0	13,500	66.7	331.8	14,800*	210
	220	58.8	336.6	9,400	62.0	333.7	11,400	64.9	325.4	13,400	220
	230	57.0	329.9	7,700	60.2	326.9	9,600	63.1	318.5	11,400	230
	240	55.2	322.7	6,100	58.4	319.7	7,900	61.2	311.0	9,600	240
	250	53.4	315.0	4,700	56.5	312.0	6,400	59.3	303.1	7,900	250
	260				54.6	303.8	5,000	57.3	294.6	6,300	260
	270							55.3	285.5	4,900	270