

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7793-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD FOR BOOM AND JIB LENGTH COMBINATIONS THRU 250' AND NEW YORK CITY CRITERIA OF 1.4 FACTOR APPLIED TO TOTAL MACHINE MOMENT FOR BOOM AND JIB LENGTH COMBINATIONS 260' ON UP. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 176519, JIB ASSEMBLY NO. 176953, AND WIRE ROPE SPECIFICATION CHART NO. 7773-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. REFER TO OPERATORS MANUAL FOR OPERATING GUIDELINES.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE AND BOOM WITHIN THE BOOM ANGLE RANGE SHOWN IN CAPACITY CHART. REFER TO MAXIMUM ALLOWABLE TRAVEL SPECIFICATION CHART NO. 7771-A.

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 28'2" CRAWLERS, 48" TREADS, 10'3" RETRACTABLE GANTRY, 30' LIVE MAST, 20 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, AND 144,100 LB. COUNTERWEIGHT.

MAXIMUM CAPACITY ON 26 mm OR 1" WIRE ROPE IS 29,500 LBS. PER LINE.

DEDUCT 900 LBS. FROM JIB CAPACITIES
WHEN BOOM BUTT IS EQUIPPED
WITH AUXILIARY DRUM.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED WITHOUT AUXILIARY DRUM IN BOOM BUTT							
OVER FRONT OF BLOCKED CRAWLERS		OVER REAR OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS		OVER SIDE OF RETRACTED CRAWLERS	
BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123
(a) 260'	---	(a) 250'	---	220'	---	210'	---
(a) 250'	---	240'	---	210'	40'	200'	30'
240'	---	230'	40'	200'	60'	190'	60'
230'	50'	220'	60'				
220'	60'						
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 260' AND 250' BOOM. WIRE ROPE GUIDE ASSEMBLY 179061 UPPER AND MIDDLE SHEAVES AND SHAFTS OR ASSEMBLY 92671 UPPER SHEAVE AND SHAFT MUST BE REMOVED ON 260' BOOM WHEN LIFTED OVER FRONT OF BLOCKED CRAWLERS.							

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED WITH AUXILIARY DRUM IN BOOM BUTT							
OVER FRONT OF BLOCKED CRAWLERS		OVER REAR OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS		OVER SIDE OF RETRACTED CRAWLERS	
BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123	BOOM LENGTH	JIB NO. 123
(a) 250'	---	(a) 250'	---	220'	---	200'	---
240'	---	240'	---	210'	30'	190'	50'
230'	40'	230'	30'	200'	60'	180'	60'
220'	60'	220'	60'				
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 250' BOOM.							

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360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
90	30	78.7	129.0	40,000*							30
	35	76.4	127.8	40,000*	78.7	127.4	40,000*	81.0	126.2	40,000*	35
	40	73.9	126.5	40,000*	76.3	126.0	40,000*	78.6	124.8	40,000*	40
	45	71.5	124.9	40,000*	73.8	124.4	40,000*	76.1	123.2	40,000*	45
	50	69.0	123.1	40,000*	71.4	122.6	40,000*	73.6	121.3	40,000*	50
	55	66.5	121.0	40,000*	68.8	120.5	40,000*	71.0	119.2	40,000*	55
	60	64.0	118.6	40,000*	66.3	118.1	40,000*	68.4	116.8	40,000*	60
	65	61.3	116.0	40,000*	63.6	115.5	40,000*	65.7	114.1	40,000*	65
	70	58.7	113.1	40,000*	60.9	112.5	40,000*	63.0	111.1	40,000*	70
	75	55.9	109.8	40,000*	58.1	109.2	40,000*	60.2	107.8	39,800*	75
	80	53.0	106.2	40,000*	55.2	105.6	40,000*	57.3	104.1	38,100*	80
	85	50.0	102.1	40,000*	52.2	101.5	40,000*	54.2	100.0	36,600*	85
	90	46.9	97.6	40,000*	49.1	97.0	40,000*	51.0	95.4	35,300*	90
	100	40.1	87.0	35,500	42.3	86.2	35,900	44.0	84.4	33,000*	100
	110	32.2	73.0	30,900	34.2	72.2	31,100				110
	120	21.8	53.0	27,000							120
100	30	79.6	139.2	40,000*							30
	35	77.4	138.1	40,000*	79.6	137.7	40,000*				35
	40	75.2	136.9	40,000*	77.3	136.4	40,000*	79.5	135.2	40,000*	40
	45	72.9	135.4	40,000*	75.1	134.9	40,000*	77.2	133.7	40,000*	45
	50	70.7	133.7	40,000*	72.8	133.2	40,000*	74.9	132.0	40,000*	50
	55	68.4	131.8	40,000*	70.5	131.3	40,000*	72.6	130.0	40,000*	55
	60	66.0	129.7	40,000*	68.2	129.2	40,000*	70.2	127.9	40,000*	60
	65	63.7	127.3	40,000*	65.8	126.8	40,000*	67.8	125.4	40,000*	65
	70	61.2	124.7	40,000*	63.3	124.1	40,000*	65.3	122.7	40,000*	70
	75	58.8	121.7	40,000*	60.8	121.2	40,000*	62.8	119.8	40,000*	75
	80	56.2	118.5	40,000*	58.3	117.9	40,000*	60.2	116.5	39,800*	80
	85	53.6	114.9	40,000*	55.6	114.3	40,000*	57.5	112.8	38,300*	85
	90	50.8	111.0	40,000*	52.9	110.4	40,000*	54.7	108.8	36,900*	90
	100	45.0	101.8	35,100	47.0	101.2	35,500	48.7	99.4	34,500*	100
	110	38.5	90.5	30,500	40.5	89.7	30,800	42.0	87.8	31,000	110
	120	30.9	75.8	26,600	32.8	74.9	26,900				120
	130	20.9	54.9	23,400							130
110	30	80.3	149.4	40,000*							30
	35	78.3	148.4	40,000*	80.3	147.9	40,000*				35
	40	76.2	147.2	40,000*	78.3	146.7	40,000*	80.2	145.5	40,000*	40
	45	74.2	145.9	40,000*	76.2	145.4	40,000*	78.1	144.1	40,000*	45
	50	72.1	144.3	40,000*	74.1	143.8	40,000*	76.0	142.5	40,000*	50
	55	70.0	142.6	40,000*	72.0	142.0	40,000*	73.9	140.7	40,000*	55
	60	67.8	140.6	40,000*	69.8	140.1	40,000*	71.7	138.7	40,000*	60
	65	65.6	138.4	40,000*	67.6	137.9	40,000*	69.5	136.5	40,000*	65
	70	63.4	136.0	40,000*	65.4	135.4	40,000*	67.2	134.1	40,000*	70
	75	61.2	133.3	40,000*	63.1	132.8	40,000*	64.9	131.4	40,000*	75
	80	58.8	130.4	40,000*	60.8	129.8	40,000*	62.6	128.4	40,000*	80
	85	56.5	127.2	40,000*	58.4	126.6	40,000*	60.2	125.1	39,800*	85
	90	54.0	123.7	40,000*	55.9	123.1	40,000*	57.7	121.5	38,400*	90
	100	48.9	115.6	34,600	50.8	115.0	35,000	52.4	113.3	35,400	100
	110	43.3	105.9	29,900	45.2	105.2	30,300	46.7	103.3	30,600	110
	120	37.1	93.9	26,100	38.9	93.1	26,400	40.3	91.0	26,600	120
	130	29.8	78.5	22,900	31.5	77.5	23,100				130
	140	20.2	56.7	20,100							140

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
120	30	81.0	159.5	40,000*							30
	35	79.1	158.6	40,000*	81.0	158.1	40,000*	80.9	155.7	40,000*	35
	40	77.2	157.5	40,000*	79.0	157.0	40,000*	78.9	154.5	40,000*	40
	45	75.2	156.2	40,000*	77.1	155.7	40,000*	77.0	153.0	40,000*	45
	50	73.3	154.8	40,000*	75.2	154.3	40,000*	75.0	151.3	40,000*	50
	55	71.3	153.2	40,000*	73.2	152.7	40,000*	73.0	149.5	40,000*	55
	60	69.3	151.4	40,000*	71.2	150.8	40,000*	70.9	147.5	40,000*	60
	65	67.3	149.3	40,000*	69.2	148.8	40,000*	68.8	145.2	40,000*	65
	70	65.3	147.1	40,000*	67.1	146.6	40,000*	66.7	142.7	40,000*	70
	75	63.2	144.7	40,000*	65.0	144.1	40,000*	64.6	140.0	40,000*	75
	80	61.1	142.0	40,000*	62.9	141.4	40,000*	62.4	137.0	40,000*	80
	85	58.9	139.0	40,000*	60.7	138.5	40,000*	60.1	133.8	39,800*	85
	90	56.7	135.9	39,900	58.5	135.3	40,000*	55.5	126.4	35,000	90
	100	52.1	128.6	34,100	53.9	128.0	34,600	50.4	117.6	30,200	100
	110	47.2	120.0	29,500	48.9	119.3	29,900	44.9	107.1	26,300	110
130	120	41.8	109.7	25,700	43.5	109.0	26,000	38.8	94.1	22,900	120
	130	35.8	97.1	22,500	37.5	96.3	22,700				130
	140	28.7	81.1	19,700	30.3	80.1	19,900				140
	150	19.5	58.4	17,400							150
	35	79.7	168.8	40,000*							35
	40	77.9	167.8	40,000*	79.7	167.3	40,000*	79.6	164.8	40,000*	40
	45	76.1	166.6	40,000*	77.9	166.1	40,000*	77.8	163.4	40,000*	45
	50	74.3	165.2	40,000*	76.1	164.7	40,000*	75.9	161.9	40,000*	50
	55	72.5	163.7	40,000*	74.3	163.2	40,000*	74.1	160.2	40,000*	55
	60	70.7	162.0	40,000*	72.4	161.5	40,000*	72.2	158.3	40,000*	60
	65	68.8	160.1	40,000*	70.5	159.6	40,000*	70.3	156.2	40,000*	65
	70	66.9	158.1	40,000*	68.6	157.5	40,000*	68.3	153.9	40,000*	70
	75	65.0	155.8	40,000*	66.7	155.3	40,000*	66.3	151.4	40,000*	75
	80	63.0	153.3	40,000*	64.7	152.8	40,000*	64.3	148.6	40,000*	80
	85	61.0	150.6	40,000*	62.7	150.1	40,000*	62.2	145.7	40,000*	85
140	90	59.0	147.7	39,600	60.7	147.1	40,000*	58.0	139.0	34,800	90
	100	54.8	141.1	33,800	56.5	140.5	34,400	53.5	131.1	30,000	100
	110	50.3	133.4	29,200	52.0	132.7	29,600	48.6	121.8	26,100	110
	120	45.6	124.3	25,400	47.2	123.6	25,700	43.3	110.7	22,700	120
	130	40.4	113.4	22,200	42.0	112.7	22,500	37.4	97.1	19,900	130
	140	34.6	100.3	19,500	36.2	99.4	19,700				140
	150	27.8	83.6	17,100	29.3	82.5	17,300				150
	160	18.8	60.0	15,100							160
	35	80.3	178.9	40,000*							35
	40	78.7	178.0	40,000*	80.3	177.5	40,000*	80.2	175.1	40,000*	40
	45	77.0	176.9	40,000*	78.6	176.4	40,000*	78.5	173.8	40,000*	45
	50	75.3	175.6	40,000*	76.9	175.1	40,000*	76.8	172.3	40,000*	50
	55	73.5	174.2	40,000*	75.2	173.7	40,000*	75.0	170.7	40,000*	55
	60	71.8	172.6	40,000*	73.5	172.1	40,000*	73.3	169.0	40,000*	60
	65	70.1	170.8	40,000*	71.7	170.3	40,000*	71.5	167.0	40,000*	65
	70	68.3	168.9	40,000*	69.9	168.4	40,000*	69.7	164.9	40,000*	70
	75	66.5	166.8	40,000*	68.1	166.3	40,000*	67.8	162.5	40,000*	75
	80	64.7	164.5	40,000*	66.3	163.9	40,000*	66.0	160.0	40,000*	80
	85	62.8	162.0	40,000*	64.5	161.4	40,000*	64.0	157.3	40,000*	85
	90	61.0	159.3	39,200	62.6	158.7	39,800	60.1	151.1	34,400	90
	100	57.1	153.2	33,400	58.7	152.6	33,900	56.0	143.9	29,600	100
	110	53.0	146.2	28,700	54.6	145.5	29,200	51.7	135.6	25,700	110
	120	48.8	138.0	24,900	50.3	137.3	25,300	47.0	125.8	22,400	120
	130	44.2	128.4	21,700	45.7	127.6	22,100	41.9	114.2	19,500	130
	140	39.2	117.0	19,000	40.7	116.2	19,300				140
	150	33.6	103.3	16,700	35.0	102.4	16,900				150
	160	27.0	86.0	14,700	28.4	84.9	14,800				160
	170	18.3	61.6	12,800							170

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	35	80.9	189.1	40,000*							35
	40	79.3	188.2	40,000*	80.9	187.7	40,000*	80.8	185.3	40,000*	40
	45	77.7	187.1	40,000*	79.3	186.6	40,000*	79.2	184.1	40,000*	45
	50	76.1	185.9	40,000*	77.7	185.4	40,000*	77.5	182.7	40,000*	50
	55	74.5	184.6	40,000*	76.0	184.1	40,000*	75.9	181.2	40,000*	55
	60	72.8	183.1	40,000*	74.4	182.6	40,000*	74.2	179.6	40,000*	60
	65	71.2	181.5	40,000*	72.7	180.9	40,000*	72.6	177.7	40,000*	65
	70	69.5	179.6	40,000*	71.1	179.1	40,000*	70.9	175.7	40,000*	70
	75	67.9	177.7	40,000*	69.4	177.1	40,000*	69.1	173.6	40,000*	75
	80	66.2	175.5	40,000*	67.7	175.0	40,000*	67.4	171.2	40,000*	80
	85	64.4	173.2	40,000*	66.0	172.6	40,000*	65.6	168.6	40,000*	85
	90	62.7	170.7	38,600	64.2	170.1	39,300	62.0	162.9	34,000	90
	100	59.1	165.0	32,800	60.6	164.5	33,400	58.2	156.3	29,200	100
	110	55.4	158.5	28,200	56.9	157.9	28,700	54.2	148.7	25,200	110
	120	51.5	151.0	24,400	52.9	150.4	24,800	50.0	139.9	21,900	120
	130	47.3	142.4	21,200	48.8	141.7	21,600	45.5	129.7	19,100	130
	140	42.9	132.3	18,500	44.3	131.6	18,800	40.6	117.5	16,600	140
	150	38.1	120.5	16,100	39.5	119.7	16,400				150
	160	32.6	106.2	14,100	34.0	105.3	14,300				160
	170	26.2	88.3	12,300	27.5	87.2	12,500				170
	180	17.8	63.2	10,700							180
160	40	79.8	198.4	40,000*							40
	45	78.3	197.4	40,000*	79.8	196.8	40,000*	79.8	194.4	40,000*	45
	50	76.8	196.2	40,000*	78.3	195.7	40,000*	78.2	193.1	40,000*	50
	55	75.3	195.0	40,000*	76.8	194.5	40,000*	76.7	191.7	40,000*	55
	60	73.7	193.6	40,000*	75.2	193.0	40,000*	75.1	190.1	40,000*	60
	65	72.2	192.0	40,000*	73.7	191.5	40,000*	73.5	188.4	40,000*	65
	70	70.6	190.3	40,000*	72.1	189.8	40,000*	71.9	186.5	40,000*	70
	75	69.1	188.4	40,000*	70.5	187.9	40,000*	70.3	184.5	40,000*	75
	80	67.5	186.4	40,000*	68.9	185.9	40,000*	68.7	182.2	40,000*	80
	85	65.8	184.2	40,000*	67.3	183.7	40,000*	67.0	179.9	39,600	85
	90	64.2	181.9	38,200	65.7	181.3	38,900	63.6	174.5	33,600	90
	100	60.9	176.6	32,400	62.3	176.0	33,000	60.1	168.4	28,700	100
	110	57.4	170.6	27,700	58.8	170.0	28,200	56.5	161.4	24,800	110
	120	53.8	163.7	23,900	55.2	163.0	24,400	52.6	153.4	21,500	120
	130	50.0	155.7	20,700	51.4	155.1	21,100	48.6	144.1	18,600	130
	140	46.0	146.7	18,000	47.4	146.0	18,300	44.2	133.4	16,200	140
	150	41.7	136.2	15,700	43.1	135.4	16,000	39.4	120.8	14,100	150
	160	37.0	123.9	13,600	38.4	123.0	13,900				160
	170	31.7	109.1	11,900	33.0	108.1	12,100				170
	180	25.5	90.6	10,300	26.7	89.4	10,400				180
	190	17.3	64.7	8,800							190
170	40	80.3	208.5	40,000*							40
	45	78.9	207.6	40,000*	80.3	207.1	40,000*	80.3	204.6	40,000*	45
	50	77.5	206.5	40,000*	78.9	206.0	40,000*	78.8	203.4	40,000*	50
	55	76.0	205.3	40,000*	77.4	204.8	40,000*	77.3	202.1	40,000*	55
	60	74.6	204.0	40,000*	76.0	203.4	40,000*	75.9	200.6	40,000*	60
	65	73.1	202.5	40,000*	74.5	202.0	40,000*	74.4	199.0	40,000*	65
	70	71.6	200.9	40,000*	73.0	200.3	40,000*	72.9	197.2	40,000*	70
	75	70.1	199.1	40,000*	71.5	198.6	40,000*	71.3	195.3	40,000*	75
	80	68.6	197.2	40,000*	70.0	196.7	40,000*	69.8	193.2	40,000*	80
	85	67.1	195.2	40,000*	68.5	194.6	40,000*	68.2	190.9	39,300	85
	90	65.6	192.9	37,800	66.9	192.4	38,600	65.1	185.9	33,300	90
	100	62.4	188.0	32,000	63.8	187.4	32,600	61.8	180.2	28,400	100
	110	59.2	182.4	27,300	60.6	181.8	27,900	58.4	173.7	24,500	110
	120	55.8	175.9	23,500	57.2	175.3	24,000	54.9	166.3	21,200	120
	130	52.3	168.6	20,300	53.7	168.0	20,800	51.1	157.9	18,300	130
	140	48.7	160.3	17,600	50.0	159.6	18,000	47.2	148.2	15,900	140
	150	44.8	150.8	15,300	46.1	150.1	15,600	42.9	137.1	13,800	150
	160	40.6	139.9	13,300	41.9	139.1	13,600	38.3	124.0	11,900	160
	170	36.1	127.1	11,500	37.3	126.3	11,800				170
	180	30.9	111.9	9,900	32.1	110.9	10,100				180
	190	24.9	92.8	8,500							190
	200	16.8	66.2	7,200							200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	40	80.8	218.7	40,000*							40
	45	79.4	217.8	40,000*	80.8	217.2	40,000*				45
	50	78.1	216.8	40,000*	79.4	216.2	40,000*	80.7	214.9	40,000*	50
	55	76.7	215.6	40,000*	78.0	215.1	40,000*	79.4	213.7	40,000*	55
	60	75.3	214.3	40,000*	76.7	213.8	40,000*	78.0	212.4	40,000*	60
	65	73.9	212.9	40,000*	75.3	212.4	40,000*	76.5	211.0	40,000*	65
	70	72.5	211.4	40,000*	73.9	210.9	40,000*	75.1	209.5	40,000*	70
	75	71.1	209.7	40,000*	72.4	209.2	40,000*	73.7	207.8	40,000*	75
	80	69.7	207.9	40,000*	71.0	207.4	40,000*	72.3	206.0	40,000*	80
	85	68.2	206.0	40,000*	69.6	205.4	40,000*	70.8	204.0	40,000*	85
	90	66.8	203.9	37,300	68.1	203.3	38,100	69.3	201.9	38,900	90
	100	63.8	199.2	31,500	65.1	198.7	32,200	66.3	197.2	32,800	100
	110	60.8	193.9	26,900	62.1	193.3	27,500	63.3	191.8	28,000	110
	120	57.6	187.9	23,000	58.9	187.3	23,600	60.1	185.7	24,000	120
	130	54.4	181.1	19,900	55.7	180.5	20,300	56.8	178.8	20,700	130
	140	51.0	173.4	17,200	52.3	172.8	17,600	53.4	171.1	17,900	140
	150	47.5	164.7	14,800	48.7	164.0	15,200	49.8	162.2	15,500	150
	160	43.7	154.9	12,800	44.9	154.1	13,100	45.9	152.2	13,400	160
	170	39.6	143.5	11,100	40.8	142.7	11,300	41.8	140.6	11,500	170
	180	35.2	130.3	9,500	36.4	129.4	9,700	37.2	127.1	9,900	180
	190	30.2	114.6	8,100	31.3	113.6	8,200				190
	200	24.3	94.9	6,800							200
190	45	79.9	227.9	40,000*	79.9	226.4	40,000*	79.8	224.0	40,000*	45
	50	78.6	227.0	40,000*	78.6	225.3	40,000*	78.5	222.8	40,000*	50
	55	77.3	225.9	40,000*	77.3	224.1	40,000*	77.2	221.4	40,000*	55
	60	76.0	224.7	40,000*	75.9	222.8	40,000*	75.8	219.9	40,000*	60
	65	74.7	223.3	40,000*	74.6	221.3	40,000*	74.5	218.3	40,000*	65
	70	73.3	221.9	40,000*	73.3	219.8	40,000*	73.1	216.6	40,000*	70
	75	72.0	220.3	40,000*	71.9	218.0	40,000*	71.7	214.8	40,000*	75
	80	70.6	218.6	40,000*	70.5	216.2	40,000*	70.3	212.7	38,400	80
	85	69.3	216.7	40,000*	69.1	214.2	37,600	67.5	208.3	32,400	85
	90	67.9	214.8	36,800	66.3	209.8	31,700	64.6	203.2	27,500	90
	100	65.1	210.3	31,000	63.5	204.8	27,000	61.6	197.5	23,600	100
	110	62.2	205.3	26,300	60.5	199.1	23,100	58.5	191.1	20,200	110
	120	59.3	199.7	22,500	57.5	192.7	19,800	55.4	183.8	17,400	120
	130	56.2	193.3	19,300	54.3	185.5	17,000	52.0	175.7	15,000	130
	140	53.1	186.2	16,600	51.0	177.4	14,700	48.5	166.5	12,900	140
	150	49.8	178.1	14,300	47.5	168.3	12,600	44.8	156.0	11,000	150
	160	46.3	169.1	12,300	43.8	158.0	10,800	40.7	144.1	9,400	160
	170	42.6	158.8	10,500	39.8	146.2	9,200				170
	180	38.7	147.1	8,900	35.5	132.5	7,700				180
	190	34.4	133.4	7,500	30.6	116.2	6,400				190
	200	29.5	117.2	6,200							200
	210	23.7	97.0	5,100							210
200	45	80.4	238.1	40,000*	80.3	236.6	40,000*	80.3	234.2	40,000*	45
	50	79.1	237.2	40,000*	79.1	235.6	40,000*	79.0	233.1	40,000*	50
	55	77.9	236.1	40,000*	77.8	234.4	40,000*	77.7	231.8	40,000*	55
	60	76.6	235.0	40,000*	76.6	233.2	40,000*	76.5	230.4	40,000*	60
	65	75.3	233.7	40,000*	75.3	231.8	40,000*	75.2	228.9	40,000*	65
	70	74.1	232.3	40,000*	74.0	230.3	40,000*	73.9	227.2	40,000*	70
	75	72.8	230.8	40,000*	72.7	228.6	40,000*	72.6	225.4	40,000*	75
	80	71.5	229.2	40,000*	71.4	226.9	40,000*	71.2	223.5	38,000	80
	85	70.2	227.4	39,800	70.1	225.0	37,200	68.5	219.3	32,000	85
	90	68.9	225.5	36,300	67.4	220.8	31,200	65.8	214.5	27,100	90
	100	66.2	221.3	30,500	64.7	216.0	26,500	63.0	209.1	23,100	100
	110	63.5	216.6	25,800	61.9	210.7	22,600	60.1	203.1	19,800	110
	120	60.7	211.3	22,000	59.0	204.6	19,300	57.1	196.3	17,000	120
	130	57.8	205.3	18,800	56.1	197.9	16,600	54.0	188.7	14,600	130
	140	54.9	198.6	16,100	53.0	190.4	14,200	50.8	180.2	12,400	140
	150	51.8	191.1	13,800	49.8	182.0	12,100	47.3	170.6	10,600	150
	160	48.6	182.7	11,800	46.4	172.5	10,300	43.7	159.8	8,900	160
	170	45.3	173.3	10,000	42.8	161.8	8,700	39.7	147.4	7,500	170
	180	41.7	162.6	8,400	38.9	149.6	7,300				180
	190	37.8	150.5	7,000	34.7	135.5	6,000				190
	200	33.6	136.5	5,800	29.8	118.7	4,800				200
	210	28.8	119.8	4,600							210

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	45	80.8	248.2	40,000*							45
	50	79.6	247.4	40,000*	80.7	246.8	40,000*				50
	55	78.4	246.4	40,000*	79.5	245.8	40,000*	80.7	244.4	40,000*	55
	60	77.2	245.3	40,000*	78.3	244.7	40,000*	79.5	243.3	40,000*	60
	65	75.9	244.0	40,000*	77.1	243.5	40,000*	78.3	242.1	40,000*	65
	70	74.7	242.7	40,000*	75.9	242.2	40,000*	77.0	240.8	40,000*	70
	75	73.5	241.3	40,000*	74.7	240.7	40,000*	75.8	239.3	40,000*	75
	80	72.3	239.7	40,000*	73.4	239.2	40,000*	74.6	237.7	40,000*	80
	85	71.0	238.0	39,400	72.2	237.5	40,000*	73.3	236.0	40,000*	85
	90	69.8	236.2	35,900	70.9	235.7	36,800	72.0	234.2	37,700	90
	100	67.2	232.2	30,100	68.4	231.7	30,900	69.5	230.2	31,600	100
	110	64.7	227.7	25,400	65.8	227.2	26,100	66.9	225.7	26,800	110
	120	62.0	222.7	21,600	63.2	222.1	22,200	64.2	220.5	22,800	120
	130	59.3	217.0	18,400	60.5	216.4	19,000	61.5	214.8	19,500	130
	140	56.5	210.7	15,700	57.7	210.1	16,200	58.7	208.4	16,600	140
	150	53.7	203.7	13,400	54.8	203.0	13,800	55.8	201.3	14,200	150
	160	50.7	195.8	11,400	51.8	195.2	11,800	52.7	193.4	12,100	160
	170	47.5	187.1	9,600	48.6	186.4	9,900	49.6	184.6	10,200	170
	180	44.3	177.4	8,000	45.3	176.6	8,300	46.2	174.6	8,600	180
	190	40.8	166.4	6,600	41.8	165.6	6,900	42.7	163.5	7,100	190
	200	37.0	153.9	5,400	38.0	153.0	5,600	38.8	150.7	5,800	200
	210	32.9	139.4	4,200	33.9	138.5	4,400				210
220	50	80.0	257.5	40,000*							50
	55	78.8	256.6	40,000*	80.0	256.0	40,000*				55
	60	77.7	255.5	40,000*	78.8	255.0	40,000*	79.9	253.6	40,000*	60
	65	76.5	254.3	40,000*	77.6	253.8	40,000*	78.7	252.4	40,000*	65
	70	75.3	253.1	40,000*	76.5	252.5	40,000*	77.6	251.1	40,000*	70
	75	74.2	251.7	40,000*	75.3	251.1	40,000*	76.4	249.7	40,000*	75
	80	73.0	250.2	40,000*	74.1	249.6	40,000*	75.2	248.2	40,000*	80
	85	71.8	248.6	38,900	72.9	248.0	40,000*	74.0	246.6	40,000*	85
	90	70.6	246.9	35,400	71.7	246.3	36,400	72.8	244.9	37,300	90
	100	68.2	243.1	29,600	69.3	242.5	30,400	70.4	241.0	31,200	100
	110	65.7	238.8	24,900	66.8	238.2	25,700	67.9	236.7	26,300	110
	120	63.2	234.0	21,100	64.3	233.4	21,800	65.3	231.8	22,400	120
	130	60.7	228.6	17,900	61.8	228.0	18,500	62.7	226.4	19,000	130
	140	58.0	222.6	15,200	59.1	222.0	15,700	60.1	220.4	16,200	140
	150	55.3	216.0	12,900	56.4	215.3	13,300	57.3	213.7	13,800	150
	160	52.5	208.6	10,900	53.6	208.0	11,300	54.5	206.2	11,600	160
	170	49.6	200.5	9,100	50.7	199.8	9,500	51.6	198.0	9,800	170
	180	46.5	191.4	7,500	47.6	190.7	7,900	48.5	188.8	8,100	180
	190	43.3	181.3	6,100	44.4	180.6	6,400	45.2	178.6	6,700	190
	200	39.9	170.0	4,900	40.9	169.2	5,200	41.7	167.0	5,400	200
	210				37.2	156.3	4,000	38.0	153.9	4,200	210
230	50	80.4	267.7	40,000*							50
	55	79.3	266.8	40,000*	80.4	266.2	40,000*				55
	60	78.1	265.7	40,000*	79.2	265.2	40,000*	80.3	263.8	40,000*	60
	65	77.0	264.6	40,000*	78.1	264.1	40,000*	79.2	262.7	40,000*	65
	70	75.9	263.4	40,000*	77.0	262.9	40,000*	78.1	261.4	40,000*	70
	75	74.8	262.1	38,700	75.9	261.5	40,000*	76.9	260.1	40,000*	75
	80	73.7	260.6	34,300	74.7	260.1	35,800	75.8	258.7	37,200	80
	85	72.5	259.1	30,500	73.6	258.5	31,800	74.6	257.1	33,200	85
	90	71.4	257.5	27,100	72.5	256.9	28,400	73.5	255.5	29,600	90
	100	69.1	253.8	21,500	70.1	253.3	22,600	71.1	251.8	23,700	100
	110	66.7	249.7	17,000	67.8	249.1	18,000	68.8	247.7	18,900	110
	120	64.3	245.1	13,300	65.4	244.5	14,200	66.4	243.0	15,000	120
	130	61.9	240.0	10,200	62.9	239.4	11,000	63.9	237.9	11,700	130
	140	59.4	234.3	7,600	60.4	233.7	8,300	61.4	232.1	9,000	140
	150	56.8	228.1	5,400	57.8	227.4	6,000	58.8	225.8	6,600	150
	160				55.2	220.5	4,000	56.1	218.8	4,500	160

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		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
90	30	79.9	139.2	30,000*							30
	35	77.7	138.1	30,000*	80.5	137.5	30,000*				35
	40	75.5	136.9	30,000*	78.3	136.3	30,000*				40
	45	73.2	135.4	30,000*	76.1	134.8	30,000*	78.9	133.2	30,000*	45
	50	71.0	133.7	30,000*	73.8	133.1	30,000*	76.6	131.5	30,000*	50
	55	68.7	131.8	30,000*	71.5	131.2	30,000*	74.2	129.6	30,000*	55
	60	66.3	129.7	30,000*	69.1	129.0	30,000*	71.9	127.4	30,000*	60
	65	63.9	127.3	30,000*	66.7	126.6	30,000*	69.4	125.0	30,000*	65
	70	61.5	124.6	30,000*	64.3	124.0	30,000*	67.0	122.3	30,000*	70
	75	59.0	121.7	30,000*	61.8	121.0	30,000*	64.4	119.3	30,000*	75
	80	56.5	118.5	30,000*	59.2	117.8	30,000*	61.8	116.0	29,200*	80
	85	53.8	114.9	30,000*	56.6	114.2	30,000*	59.1	112.3	28,000*	85
	90	51.1	111.0	30,000*	53.8	110.2	30,000*	56.3	108.3	27,000*	90
	100	45.3	101.8	30,000*	47.9	101.0	29,100*	50.3	98.8	25,100*	100
100	110	38.8	90.5	30,000*	41.4	89.5	26,800*	43.6	87.1	23,600*	110
	120	31.2	75.8	27,200*	33.7	74.6	24,900*				120
	130	21.2	54.9	24,300							130
	30	80.6	149.3	30,000*							30
	35	78.5	148.4	30,000*							35
	40	76.5	147.2	30,000*	79.2	146.6	30,000*				40
	45	74.4	145.8	30,000*	77.1	145.2	30,000*	79.7	143.6	30,000*	45
	50	72.3	144.3	30,000*	75.0	143.7	30,000*	77.6	142.0	30,000*	50
	55	70.2	142.5	30,000*	72.9	141.9	30,000*	75.4	140.3	30,000*	55
	60	68.1	140.6	30,000*	70.7	139.9	30,000*	73.2	138.3	30,000*	60
	65	65.9	138.4	30,000*	68.5	137.7	30,000*	71.0	136.0	30,000*	65
	70	63.7	136.0	30,000*	66.3	135.3	30,000*	68.8	133.6	30,000*	70
	75	61.4	133.3	30,000*	64.0	132.6	30,000*	66.5	130.9	30,000*	75
	80	59.1	130.4	30,000*	61.7	129.7	30,000*	64.1	127.9	30,000*	80
110	85	56.7	127.2	30,000*	59.3	126.4	30,000*	61.7	124.6	29,200*	85
	90	54.3	123.6	30,000*	56.8	122.9	30,000*	59.2	121.0	28,100*	90
	100	49.1	115.6	30,000*	51.7	114.8	30,000*	53.9	112.7	26,200*	100
	110	43.6	105.8	30,000*	46.0	104.9	28,400*	48.2	102.7	24,600*	110
	120	37.3	93.8	27,100	39.7	92.8	26,400*	41.7	90.2	23,300*	120
	130	30.0	78.5	23,900	32.3	77.2	24,200				130
	140	20.4	56.6	21,200							140
	35	77.4	157.5	30,000*	79.9	156.8	30,000*				35
	40	75.5	156.2	30,000*	77.9	155.6	30,000*	80.4	154.0	30,000*	40
	45	73.5	154.8	30,000*	76.0	154.1	30,000*	78.4	152.5	30,000*	45
	50	71.6	153.2	30,000*	74.0	152.5	30,000*	76.4	150.8	30,000*	50
	55	69.6	151.3	30,000*	72.0	150.7	30,000*	74.4	149.0	30,000*	55
	60	67.6	149.3	30,000*	70.0	148.6	30,000*	72.4	146.9	30,000*	60
	65	65.5	147.1	30,000*	68.0	146.4	30,000*	70.3	144.7	30,000*	65
	70	63.4	144.6	30,000*	65.9	143.9	30,000*	68.2	142.2	30,000*	70
	75	61.3	142.0	30,000*	63.7	141.2	30,000*	66.0	139.5	30,000*	75
120	80	59.2	139.0	30,000*	61.6	138.3	30,000*	63.8	136.5	30,000*	80
	85	56.9	135.8	30,000*	59.3	135.1	30,000*	61.5	133.2	29,100*	85
	90	52.3	128.6	30,000*	54.7	127.8	30,000*	56.8	125.8	27,200*	90
	100	47.4	120.0	30,000*	49.7	119.1	29,900*	51.8	117.0	25,500*	100
	110	42.0	109.7	26,600	44.3	108.7	27,000	46.3	106.4	24,200*	110
	120	36.0	97.1	23,400	38.3	96.0	23,700	40.0	93.3	23,100*	120
	130	29.0	81.1	20,600	31.1	79.7	20,900				130
	140	19.7	58.3	18,200							140
	150										150

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
120	35	80.0	168.8	30,000*							35
	40	78.2	167.7	30,000*	80.5	167.1	30,000*				40
	45	76.4	166.6	30,000*	78.7	165.9	30,000*	81.0	164.3	30,000*	45
	50	74.6	165.2	30,000*	76.9	164.6	30,000*	79.2	162.9	30,000*	50
	55	72.7	163.7	30,000*	75.0	163.0	30,000*	77.3	161.4	30,000*	55
	60	70.9	162.0	30,000*	73.2	161.3	30,000*	75.4	159.6	30,000*	60
	65	69.0	160.1	30,000*	71.3	159.4	30,000*	73.5	157.7	30,000*	65
	70	67.1	158.1	30,000*	69.4	157.4	30,000*	71.6	155.6	30,000*	70
	75	65.2	155.8	30,000*	67.5	155.1	30,000*	69.6	153.3	30,000*	75
	80	63.2	153.3	30,000*	65.5	152.6	30,000*	67.7	150.8	30,000*	80
	85	61.2	150.6	30,000*	63.5	149.9	30,000*	65.6	148.1	30,000*	85
	90	59.2	147.7	30,000*	61.5	147.0	30,000*	63.6	145.1	30,000*	90
	100	55.0	141.1	30,000*	57.2	140.3	30,000*	59.3	138.3	28,100*	100
	110	50.6	133.4	29,900	52.8	132.5	30,000*	54.7	130.4	26,400*	110
	120	45.8	124.2	26,100	48.0	123.3	26,600	49.9	121.1	25,000*	120
140	130	40.7	113.4	22,900	42.8	112.4	23,300	44.5	109.9	23,600	130
	140	34.9	100.2	20,200	36.9	99.1	20,500	38.5	96.2	20,700	140
	150	28.0	83.5	17,900	30.0	82.1	18,100				150
	160	19.1	60.0	15,800							160
130	35	80.5	178.9	30,000*							35
	40	78.9	178.0	30,000*							40
	45	77.2	176.9	30,000*	79.4	176.2	30,000*				45
	50	75.5	175.6	30,000*	77.7	174.9	30,000*	79.8	173.2	30,000*	50
	55	73.8	174.2	30,000*	75.9	173.5	30,000*	78.1	171.8	30,000*	55
	60	72.0	172.6	30,000*	74.2	171.9	30,000*	76.3	170.2	30,000*	60
	65	70.3	170.8	30,000*	72.4	170.1	30,000*	74.5	168.4	30,000*	65
	70	68.5	168.9	30,000*	70.7	168.2	30,000*	72.8	166.4	30,000*	70
	75	66.7	166.8	30,000*	68.9	166.1	30,000*	70.9	164.3	30,000*	75
	80	64.9	164.5	30,000*	67.0	163.8	30,000*	69.1	162.0	30,000*	80
	85	63.0	162.0	30,000*	65.2	161.3	30,000*	67.2	159.4	30,000*	85
	90	61.2	159.3	30,000*	63.3	158.5	30,000*	65.3	156.7	30,000*	90
	100	57.3	153.2	30,000*	59.4	152.4	30,000*	61.4	150.5	29,000*	100
	110	53.3	146.1	29,600	55.3	145.3	30,000*	57.2	143.3	27,300*	110
	120	49.0	137.9	25,800	51.0	137.1	26,300	52.9	134.9	25,800*	120
	130	44.4	128.3	22,600	46.4	127.4	23,000	48.2	125.0	23,400	130
140	140	39.4	117.0	19,900	41.4	116.0	20,300	43.0	113.3	20,500	140
	150	33.8	103.3	17,600	35.7	102.1	17,800				150
	160	27.2	86.0	15,500	29.0	84.5	15,700				160
	170	18.5	61.6	13,700							170
120	40	79.5	188.2	30,000*							40
	45	77.9	187.1	30,000*	80.0	186.4	30,000*				45
	50	76.3	185.9	30,000*	78.4	185.2	30,000*	80.4	183.5	30,000*	50
	55	74.7	184.6	30,000*	76.7	183.9	30,000*	78.8	182.2	30,000*	55
	60	73.0	183.1	30,000*	75.1	182.4	30,000*	77.1	180.7	30,000*	60
	65	71.4	181.4	30,000*	73.4	180.7	30,000*	75.4	179.0	30,000*	65
	70	69.7	179.6	30,000*	71.8	178.9	30,000*	73.8	177.2	30,000*	70
	75	68.1	177.7	30,000*	70.1	176.9	30,000*	72.1	175.2	30,000*	75
	80	66.4	175.5	30,000*	68.4	174.8	30,000*	70.3	173.0	30,000*	80
	85	64.6	173.2	30,000*	66.7	172.4	30,000*	68.6	170.6	30,000*	85
	90	62.9	170.7	30,000*	64.9	169.9	30,000*	66.8	168.0	30,000*	90
	100	59.3	165.0	30,000*	61.3	164.3	30,000*	63.2	162.3	29,900*	100
	110	55.6	158.5	29,200	57.6	157.7	29,800	59.4	155.7	28,200*	110
	120	51.7	151.0	25,300	53.6	150.2	25,900	55.4	148.0	26,400	120
	130	47.5	142.4	22,200	49.5	141.5	22,600	51.2	139.2	23,000	130
	140	43.1	132.3	19,500	45.0	131.3	19,800	46.6	128.9	20,200	140
140	150	38.3	120.5	17,100	40.1	119.4	17,400	41.6	116.7	17,700	150
	160	32.8	106.2	15,100	34.6	105.0	15,300				160
	170	26.4	88.3	13,300	28.1	86.8	13,500				170
	180	18.0	63.2	11,700							180

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	40	80.0	198.3	30,000*							40
	45	78.5	197.4	30,000*	80.5	196.7	30,000*				45
	50	77.0	196.2	30,000*	79.0	195.5	30,000*	80.9	193.8	30,000*	50
	55	75.5	195.0	30,000*	77.4	194.3	30,000*	79.4	192.5	30,000*	55
	60	73.9	193.6	30,000*	75.9	192.9	30,000*	77.8	191.1	30,000*	60
	65	72.4	192.0	30,000*	74.3	191.3	30,000*	76.2	189.5	30,000*	65
	70	70.8	190.3	30,000*	72.8	189.6	30,000*	74.7	187.8	30,000*	70
	75	69.2	188.4	30,000*	71.2	187.7	30,000*	73.1	185.9	30,000*	75
	80	67.6	186.4	30,000*	69.6	185.7	30,000*	71.4	183.9	30,000*	80
	85	66.0	184.2	30,000*	68.0	183.5	30,000*	69.8	181.6	30,000*	85
	90	64.4	181.9	30,000*	66.3	181.1	30,000*	68.1	179.3	30,000*	90
	100	61.0	176.6	30,000*	63.0	175.8	30,000*	64.7	173.9	30,000*	100
	110	57.6	170.6	28,600	59.5	169.8	29,300	61.2	167.8	29,000*	110
	120	54.0	163.6	24,800	55.9	162.8	25,400	57.5	160.7	25,900	120
	130	50.2	155.7	21,600	52.1	154.9	22,100	53.7	152.6	22,500	130
	140	46.2	146.6	18,900	48.0	145.7	19,300	49.6	143.4	19,700	140
	150	41.9	136.1	16,600	43.7	135.1	16,900	45.2	132.6	17,200	150
	160	37.2	123.8	14,500	39.0	122.7	14,800	40.3	119.9	15,100	160
	170	31.9	109.1	12,700	33.6	107.8	13,000				170
	180	25.7	90.6	11,100	27.3	89.0	11,300				180
	190	17.5	64.7	9,700							190
160	40	80.5	208.5	30,000*							40
	45	79.1	207.6	30,000*	81.0	206.9	30,000*				45
	50	77.7	206.5	30,000*	79.5	205.8	30,000*				50
	55	76.2	205.3	30,000*	78.1	204.6	30,000*	79.9	202.8	30,000*	55
	60	74.7	204.0	30,000*	76.6	203.3	30,000*	78.4	201.5	30,000*	60
	65	73.3	202.5	30,000*	75.1	201.8	30,000*	77.0	200.0	30,000*	65
	70	71.8	200.9	30,000*	73.7	200.2	30,000*	75.5	198.4	30,000*	70
	75	70.3	199.1	30,000*	72.2	198.4	30,000*	73.9	196.6	30,000*	75
	80	68.8	197.2	30,000*	70.6	196.5	30,000*	72.4	194.7	30,000*	80
	85	67.3	195.1	30,000*	69.1	194.4	30,000*	70.9	192.6	30,000*	85
	90	65.7	192.9	30,000*	67.6	192.2	30,000*	69.3	190.3	30,000*	90
	100	62.6	188.0	30,000*	64.4	187.2	30,000*	66.1	185.3	30,000*	100
	110	59.4	182.3	28,100	61.2	181.6	28,800	62.8	179.6	29,500	110
	120	56.0	175.9	24,300	57.8	175.1	24,900	59.4	173.0	25,500	120
	130	52.5	168.6	21,100	54.3	167.7	21,600	55.9	165.6	22,100	130
	140	48.9	160.3	18,400	50.6	159.4	18,900	52.1	157.1	19,300	140
	150	45.0	150.8	16,100	46.7	149.8	16,500	48.2	147.4	16,800	150
	160	40.8	139.9	14,000	42.5	138.8	14,400	43.9	136.2	14,700	160
	170	36.2	127.1	12,300	37.9	126.0	12,600	39.2	123.0	12,800	170
	180	31.1	111.9	10,700	32.7	110.5	10,900				180
	190	25.0	92.8	9,300							190
170	40	81.0	218.6	30,000*							40
	45	79.6	217.8	30,000*							45
	50	78.2	216.7	30,000*	80.0	216.0	30,000*				50
	55	76.9	215.6	30,000*	78.6	214.9	30,000*	80.4	213.1	30,000*	55
	60	75.5	214.3	30,000*	77.3	213.6	30,000*	79.0	211.8	30,000*	60
	65	74.1	212.9	30,000*	75.9	212.2	30,000*	77.6	210.4	30,000*	65
	70	72.7	211.4	30,000*	74.5	210.7	30,000*	76.2	208.9	30,000*	70
	75	71.3	209.7	30,000*	73.0	209.0	30,000*	74.7	207.2	30,000*	75
	80	69.8	207.9	30,000*	71.6	207.2	30,000*	73.3	205.4	30,000*	80
	85	68.4	206.0	30,000*	70.2	205.2	30,000*	71.8	203.4	30,000*	85
	90	66.9	203.9	30,000*	68.7	203.1	30,000*	70.4	201.3	30,000*	90
	100	64.0	199.2	30,000*	65.7	198.5	30,000*	67.4	196.5	30,000*	100
	110	60.9	193.9	27,700	62.7	193.1	28,500	64.3	191.2	29,200	110
	120	57.8	187.9	23,900	59.5	187.1	24,600	61.1	185.1	25,200	120
	130	54.6	181.1	20,700	56.3	180.3	21,300	57.8	178.1	21,800	130
	140	51.2	173.4	18,000	52.9	172.5	18,500	54.3	170.3	19,000	140
	150	47.6	164.7	15,700	49.3	163.8	16,100	50.7	161.4	16,500	150
	160	43.9	154.8	13,700	45.5	153.8	14,100	46.9	151.3	14,400	160
	170	39.8	143.5	11,900	41.4	142.4	12,200	42.7	139.7	12,500	170
	180	35.3	130.3	10,300	36.9	129.1	10,600	38.1	126.1	10,800	180
	190	30.3	114.6	8,900	31.8	113.2	9,100				190
	200	24.4	94.9	7,600							200

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	45	80.1	227.9	30,000*							45
	50	78.8	227.0	30,000*	80.5	226.2	30,000*				50
	55	77.5	225.9	30,000*	79.2	225.2	30,000*	80.8	223.4	30,000*	55
	60	76.1	224.7	30,000*	77.8	223.9	30,000*	79.5	222.2	30,000*	60
	65	74.8	223.3	30,000*	76.5	222.6	30,000*	78.2	220.8	30,000*	65
	70	73.5	221.9	30,000*	75.2	221.1	30,000*	76.8	219.3	30,000*	70
	75	72.1	220.3	30,000*	73.8	219.6	30,000*	75.5	217.7	30,000*	75
	80	70.8	218.6	30,000*	72.5	217.8	30,000*	74.1	216.0	30,000*	80
	85	69.4	216.7	30,000*	71.1	216.0	30,000*	72.7	214.1	30,000*	85
	90	68.0	214.7	30,000*	69.7	214.0	30,000*	71.3	212.1	30,000*	90
	100	65.2	210.3	30,000*	66.9	209.6	30,000*	68.5	207.7	30,000*	100
	110	62.4	205.3	27,200	64.0	204.5	28,000	65.6	202.6	28,800	110
	120	59.4	199.7	23,400	61.1	198.9	24,100	62.6	196.8	24,800	120
	130	56.4	193.3	20,200	58.0	192.5	20,900	59.5	190.4	21,400	130
	140	53.2	186.1	17,500	54.8	185.3	18,100	56.3	183.1	18,600	140
	150	49.9	178.1	15,200	51.5	177.2	15,700	52.9	174.9	16,100	150
	160	46.5	169.0	13,200	48.0	168.1	13,600	49.4	165.7	14,000	160
	170	42.8	158.8	11,400	44.4	157.7	11,800	45.6	155.2	12,100	170
	180	38.8	147.0	9,800	40.4	145.9	10,200	41.6	143.1	10,400	180
	190	34.5	133.4	8,400	36.0	132.2	8,700				190
	200	29.6	117.2	7,200	31.1	115.8	7,400				200
	210	23.8	97.0	6,000							210
190	45	80.5	238.1	30,000*							45
	50	79.3	237.2	30,000*	80.9	236.4	30,000*				50
	55	78.0	236.1	30,000*	79.6	235.4	30,000*				55
	60	76.8	235.0	30,000*	78.4	234.2	30,000*	80.0	232.4	30,000*	60
	65	75.5	233.7	30,000*	77.1	233.0	30,000*	78.7	231.2	30,000*	65
	70	74.2	232.3	30,000*	75.8	231.6	30,000*	77.4	229.8	30,000*	70
	75	72.9	230.8	30,000*	74.5	230.1	30,000*	76.1	228.2	30,000*	75
	80	71.6	229.2	30,000*	73.3	228.4	30,000*	74.8	226.6	30,000*	80
	85	70.3	227.4	30,000*	71.9	226.7	30,000*	73.5	224.8	30,000*	85
	90	69.0	225.5	30,000*	70.6	224.8	30,000*	72.2	222.9	30,000*	90
	100	66.4	221.3	30,000*	68.0	220.6	30,000*	69.5	218.7	30,000*	100
	110	63.6	216.6	26,700	65.2	215.8	27,600	66.7	213.8	28,300	110
	120	60.9	211.2	22,900	62.4	210.4	23,600	63.9	208.4	24,300	120
	130	58.0	205.3	19,700	59.6	204.4	20,300	61.0	202.3	20,900	130
	140	55.0	198.5	17,000	56.6	197.7	17,600	58.0	195.5	18,100	140
	150	52.0	191.0	14,600	53.5	190.2	15,200	54.9	187.9	15,600	150
	160	48.8	182.7	12,600	50.3	181.7	13,100	51.6	179.4	13,500	160
	170	45.4	173.2	10,800	46.9	172.2	11,300	48.2	169.8	11,600	170
	180	41.8	162.6	9,300	43.3	161.5	9,600	44.5	158.9	9,900	180
	190	38.0	150.5	7,900	39.4	149.3	8,200	40.5	146.4	8,400	190
	200	33.7	136.4	6,600	35.1	135.2	6,900				200
	210	29.0	119.8	5,500	30.3	118.3	5,700				210
	220	23.3	99.1	4,400							220
200	45	80.9	248.2	30,000*							45
	50	79.7	247.3	30,000*							50
	55	78.5	246.3	30,000*	80.1	245.6	30,000*				55
	60	77.3	245.2	30,000*	78.9	244.5	30,000*	80.4	242.7	30,000*	60
	65	76.1	244.0	30,000*	77.7	243.3	30,000*	79.2	241.5	30,000*	65
	70	74.9	242.7	30,000*	76.4	242.0	30,000*	77.9	240.1	30,000*	70
	75	73.7	241.3	30,000*	75.2	240.5	30,000*	76.7	238.7	30,000*	75
	80	72.4	239.7	30,000*	74.0	239.0	30,000*	75.5	237.1	30,000*	80
	85	71.2	238.0	30,000*	72.7	237.3	30,000*	74.2	235.4	30,000*	85
	90	69.9	236.2	30,000*	71.5	235.5	30,000*	72.9	233.6	30,000*	90
	100	67.4	232.2	30,000*	68.9	231.5	30,000*	70.4	229.6	30,000*	100
	110	64.8	227.7	26,200	66.3	226.9	27,100	67.8	225.0	27,900	110
	120	62.2	222.7	22,400	63.7	221.9	23,200	65.1	219.9	23,900	120
	130	59.5	217.0	19,200	61.0	216.2	19,900	62.4	214.1	20,500	130
	140	56.7	210.7	16,500	58.2	209.8	17,100	59.5	207.7	17,600	140
	150	53.8	203.6	14,100	55.3	202.8	14,700	56.6	200.6	15,200	150
	160	50.8	195.8	12,100	52.3	194.9	12,600	53.6	192.6	13,000	160
	170	47.7	187.1	10,300	49.1	186.1	10,800	50.4	183.7	11,200	170
	180	44.4	177.3	8,800	45.8	176.3	9,200	47.0	173.8	9,500	180
	190	40.9	166.3	7,400	42.3	165.3	7,700	43.5	162.5	8,000	190
	200	37.1	153.8	6,100	38.5	152.7	6,400	39.6	149.7	6,600	200
	210	33.0	139.4	5,000	34.3	138.1	5,200				210
	220				29.6	120.8	4,100				220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	80.1	257.5	30,000*							50
	55	79.0	256.6	30,000*	80.5	255.8	30,000*				55
	60	77.8	255.5	30,000*	79.3	254.8	30,000*	80.8	252.9	30,000*	60
	65	76.7	254.3	30,000*	78.2	253.6	30,000*	79.6	251.8	30,000*	65
	70	75.5	253.1	30,000*	77.0	252.3	30,000*	78.4	250.5	30,000*	70
	75	74.3	251.7	30,000*	75.8	250.9	30,000*	77.3	249.1	30,000*	75
	80	73.1	250.2	30,000*	74.6	249.4	30,000*	76.1	247.6	30,000*	80
	85	71.9	248.6	30,000*	73.4	247.8	30,000*	74.9	246.0	30,000*	85
	90	70.8	246.9	30,000*	72.2	246.1	30,000*	73.7	244.2	30,000*	90
	100	68.3	243.1	30,000*	69.8	242.3	30,000*	71.2	240.4	30,000*	100
	110	65.9	238.8	25,800	67.3	238.0	26,700	68.7	236.0	27,600	110
	120	63.4	233.9	22,000	64.8	233.1	22,800	66.2	231.2	23,500	120
	130	60.8	228.6	18,800	62.2	227.7	19,500	63.6	225.7	20,200	130
	140	58.2	222.6	16,100	59.6	221.7	16,700	60.9	219.6	17,300	140
	150	55.5	216.0	13,700	56.9	215.1	14,300	58.2	212.9	14,800	150
	160	52.6	208.6	11,700	54.1	207.7	12,200	55.3	205.5	12,700	160
	170	49.7	200.5	9,900	51.1	199.5	10,400	52.3	197.2	10,800	170
	180	46.7	191.4	8,400	48.1	190.4	8,800	49.2	188.0	9,100	180
	190	43.5	181.3	7,000	44.8	180.3	7,300	46.0	177.7	7,600	190
	200	40.1	170.0	5,700	41.4	168.9	6,000	42.5	166.1	6,300	200
	210	36.4	157.1	4,600	37.7	155.9	4,900	38.7	152.9	5,100	210
220	50	80.5	267.7	30,000*							50
	55	79.4	266.7	30,000*	80.8	266.0	30,000*				55
	60	78.3	265.7	30,000*	79.7	265.0	30,000*				60
	65	77.2	264.6	30,000*	78.6	263.9	30,000*	80.0	262.0	30,000*	65
	70	76.1	263.4	30,000*	77.5	262.6	30,000*	78.9	260.8	30,000*	70
	75	74.9	262.1	30,000*	76.4	261.3	30,000*	77.8	259.5	30,000*	75
	80	73.8	260.6	30,000*	75.2	259.9	30,000*	76.6	258.0	30,000*	80
	85	72.7	259.1	30,000*	74.1	258.3	30,000*	75.5	256.5	30,000*	85
	90	71.5	257.4	28,300	72.9	256.7	29,900	74.3	254.8	30,000*	90
	100	69.2	253.8	22,700	70.6	253.0	24,100	72.0	251.1	25,500	100
	110	66.8	249.7	18,200	68.3	248.9	19,400	69.6	247.0	20,600	110
	120	64.5	245.1	14,500	65.9	244.3	15,600	67.2	242.3	16,700	120
	130	62.0	240.0	11,400	63.4	239.2	12,400	64.7	237.1	13,300	130
	140	59.5	234.3	8,800	60.9	233.5	9,700	62.2	231.4	10,500	140
230	150	56.9	228.0	6,600	58.3	227.2	7,400	59.6	225.0	8,100	150
	160	54.3	221.1	4,600	55.7	220.2	5,300	56.9	218.0	6,000	160
	170							54.1	210.2	4,100	170
	50	80.9	277.8	30,000*							50
	55	79.8	276.9	30,000*							55
	60	78.7	275.9	30,000*	80.1	275.2	30,000*				60
	65	77.6	274.9	30,000*	79.0	274.1	30,000*	80.4	272.3	30,000*	65
	70	76.6	273.7	30,000*	78.0	273.0	30,000*	79.3	271.1	30,000*	70
	75	75.5	272.4	30,000*	76.9	271.7	30,000*	78.2	269.8	30,000*	75
	80	74.4	271.0	30,000*	75.8	270.3	30,000*	77.1	268.4	30,000*	80
	85	73.3	269.6	30,000*	74.7	268.8	30,000*	76.0	266.9	30,000*	85
	90	72.2	268.0	27,600	73.6	267.2	29,300	74.9	265.3	30,000*	90
	100	70.0	264.5	22,000	71.4	263.7	23,500	72.7	261.8	24,900	100
	110	67.7	260.6	17,500	69.1	259.8	18,800	70.4	257.8	20,000	110
	120	65.5	256.2	13,800	66.8	255.4	14,900	68.1	253.4	16,000	120
	130	63.1	251.3	10,700	64.5	250.5	11,700	65.7	248.5	12,700	130
	140	60.7	245.9	8,100	62.1	245.1	9,000	63.3	243.0	9,900	140
	150	58.3	239.9	5,800	59.6	239.1	6,700	60.8	237.0	7,400	150
	160				57.1	232.5	4,600	58.3	230.3	5,300	160

MANITOWOC ENGINEERING CO.

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



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REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
90	30	81.0	149.6	20,000*							30
	35	79.0	148.6	20,000*							35
	40	76.9	147.5	20,000*	80.3	146.9	20,000*				40
	45	74.9	146.2	20,000*	78.2	145.5	20,000*				45
	50	72.8	144.7	20,000*	76.1	144.0	20,000*	79.4	142.3	20,000*	50
	55	70.7	143.0	20,000*	74.0	142.3	20,000*	77.3	140.5	20,000*	55
	60	68.5	141.1	20,000*	71.8	140.4	20,000*	75.1	138.6	20,000*	60
	65	66.3	138.9	20,000*	69.6	138.2	20,000*	72.9	136.4	20,000*	65
	70	64.1	136.6	20,000*	67.4	135.9	20,000*	70.6	134.0	20,000*	70
	75	61.9	134.0	20,000*	65.2	133.2	20,000*	68.3	131.3	20,000*	75
	80	59.6	131.1	20,000*	62.8	130.4	20,000*	66.0	128.4	20,000*	80
	85	57.2	127.9	20,000*	60.5	127.2	20,000*	63.6	125.2	20,000*	85
	90	54.8	124.5	20,000*	58.0	123.7	20,000*	61.1	121.6	20,000*	90
	100	49.7	116.6	20,000*	52.9	115.8	20,000*	55.9	113.5	20,000*	100
	110	44.2	107.1	20,000*	47.3	106.2	20,000*	50.2	103.7	19,800*	110
	120	38.1	95.4	20,000*	41.1	94.4	20,000*	43.8	91.5	18,700*	120
	130	30.9	80.5	20,000*	33.9	79.3	19,700*				130
	140	21.7	59.8	19,700*							140
100	35	79.7	158.8	20,000*							35
	40	77.8	157.8	20,000*	80.9	157.1	20,000*				40
	45	75.9	156.6	20,000*	79.0	155.9	20,000*				45
	50	73.9	155.2	20,000*	77.0	154.5	20,000*	80.2	152.7	20,000*	50
	55	72.0	153.6	20,000*	75.1	152.9	20,000*	78.2	151.0	20,000*	55
	60	70.0	151.8	20,000*	73.1	151.1	20,000*	76.2	149.2	20,000*	60
	65	68.0	149.8	20,000*	71.1	149.1	20,000*	74.1	147.2	20,000*	65
	70	65.9	147.6	20,000*	69.0	146.9	20,000*	72.0	145.0	20,000*	70
	75	63.9	145.2	20,000*	66.9	144.5	20,000*	69.9	142.6	20,000*	75
	80	61.8	142.6	20,000*	64.8	141.9	20,000*	67.8	139.9	20,000*	80
	85	59.6	139.8	20,000*	62.7	139.0	20,000*	65.6	137.0	20,000*	85
	90	57.4	136.6	20,000*	60.4	135.8	20,000*	63.3	133.8	20,000*	90
	100	52.8	129.5	20,000*	55.8	128.7	20,000*	58.6	126.5	20,000*	100
	110	47.9	121.1	20,000*	50.9	120.2	20,000*	53.6	117.8	20,000*	110
	120	42.6	111.0	20,000*	45.6	110.0	20,000*	48.1	107.4	19,400*	120
	130	36.7	98.7	20,000*	39.6	97.6	20,000*	42.0	94.6	18,400*	130
	140	29.8	83.2	20,000*	32.6	81.9	19,500*				140
	150	20.9	61.6	19,300							150
110	35	80.3	169.0	20,000*							35
	40	78.5	168.0	20,000*							40
	45	76.7	166.9	20,000*	79.7	166.2	20,000*				45
	50	74.9	165.6	20,000*	77.9	164.9	20,000*	80.8	163.0	20,000*	50
	55	73.1	164.1	20,000*	76.0	163.4	20,000*	78.9	161.5	20,000*	55
	60	71.3	162.4	20,000*	74.2	161.7	20,000*	77.1	159.8	20,000*	60
	65	69.4	160.6	20,000*	72.3	159.9	20,000*	75.2	157.9	20,000*	65
	70	67.5	158.6	20,000*	70.4	157.8	20,000*	73.2	155.9	20,000*	70
	75	65.6	156.3	20,000*	68.5	155.6	20,000*	71.3	153.6	20,000*	75
	80	63.6	153.9	20,000*	66.5	153.2	20,000*	69.3	151.2	20,000*	80
	85	61.7	151.3	20,000*	64.5	150.5	20,000*	67.3	148.5	20,000*	85
	90	59.6	148.4	20,000*	62.5	147.6	20,000*	65.2	145.5	20,000*	90
	100	55.5	141.9	20,000*	58.3	141.1	20,000*	60.9	138.9	20,000*	100
	110	51.1	134.3	20,000*	53.9	133.5	20,000*	56.4	131.1	20,000*	110
	120	46.4	125.4	20,000*	49.1	124.5	20,000*	51.6	121.9	20,000*	120
	130	41.2	114.8	20,000*	44.0	113.8	20,000*	46.3	111.0	19,100*	130
	140	35.5	101.9	20,000*	38.2	100.8	20,000*	40.4	97.6	18,200*	140
	150	28.9	85.8	18,800	31.4	84.3	19,000				150
	160	20.3	63.4	16,700							160

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50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
120	35	80.9	179.1	20,000*							35
	40	79.2	178.2	20,000*							40
	45	77.5	177.1	20,000*	80.3	176.4	20,000*				45
	50	75.8	175.9	20,000*	78.6	175.2	20,000*				50
	55	74.1	174.5	20,000*	76.9	173.8	20,000*	79.6	171.9	20,000*	55
	60	72.4	173.0	20,000*	75.1	172.3	20,000*	77.9	170.3	20,000*	60
	65	70.6	171.3	20,000*	73.4	170.5	20,000*	76.1	168.6	20,000*	65
	70	68.9	169.4	20,000*	71.6	168.6	20,000*	74.3	166.7	20,000*	70
	75	67.1	167.3	20,000*	69.8	166.6	20,000*	72.5	164.5	20,000*	75
	80	65.3	165.0	20,000*	68.0	164.3	20,000*	70.6	162.3	20,000*	80
	85	63.4	162.6	20,000*	66.1	161.8	20,000*	68.7	159.8	20,000*	85
	90	61.6	159.9	20,000*	64.3	159.2	20,000*	66.8	157.1	20,000*	90
	100	57.7	154.0	20,000*	60.4	153.2	20,000*	62.9	151.0	20,000*	100
	110	53.7	147.0	20,000*	56.3	146.2	20,000*	58.8	143.9	20,000*	110
	120	49.5	139.0	20,000*	52.1	138.1	20,000*	54.5	135.6	20,000*	120
	130	44.9	129.6	20,000*	47.5	128.6	20,000*	49.8	125.9	19,800*	130
	140	40.0	118.4	20,000*	42.5	117.4	20,000*	44.7	114.4	18,800*	140
	150	34.5	105.1	18,300	36.9	103.8	18,700	38.9	100.5	18,000*	150
	160	28.0	88.3	16,300	30.4	86.7	16,500				160
	170	19.7	65.1	14,500							170
130	40	79.8	188.4	20,000*							40
	45	78.2	187.4	20,000*	80.8	186.7	20,000*				45
	50	76.6	186.2	20,000*	79.2	185.5	20,000*				50
	55	75.0	184.9	20,000*	77.6	184.2	20,000*	80.2	182.2	20,000*	55
	60	73.4	183.5	20,000*	76.0	182.7	20,000*	78.6	180.8	20,000*	60
	65	71.7	181.9	20,000*	74.3	181.1	20,000*	76.9	179.1	20,000*	65
	70	70.1	180.1	20,000*	72.7	179.3	20,000*	75.2	177.3	20,000*	70
	75	68.4	178.1	20,000*	71.0	177.4	20,000*	73.5	175.4	20,000*	75
	80	66.7	176.0	20,000*	69.3	175.3	20,000*	71.8	173.2	20,000*	80
	85	65.0	173.7	20,000*	67.5	173.0	20,000*	70.0	170.9	20,000*	85
	90	63.2	171.3	20,000*	65.8	170.5	20,000*	68.3	168.4	20,000*	90
	100	59.7	165.7	20,000*	62.2	164.9	20,000*	64.6	162.7	20,000*	100
	110	56.0	159.3	20,000*	58.5	158.5	20,000*	60.8	156.2	20,000*	110
	120	52.1	152.0	20,000*	54.6	151.1	20,000*	56.9	148.7	20,000*	120
	130	48.0	143.5	20,000*	50.4	142.5	20,000*	52.7	139.9	20,000*	130
	140	43.6	133.6	20,000*	46.0	132.5	20,000*	48.1	129.8	19,400*	140
	150	38.8	122.0	18,000	41.2	120.8	18,400	43.2	117.8	18,600*	150
	160	33.5	108.1	16,000	35.8	106.8	16,300	37.6	103.2	16,500	160
	170	27.2	90.7	14,200	29.4	89.1	14,400				170
	180	19.1	66.8	12,600							180
140	40	80.3	198.6	20,000*							40
	45	78.8	197.6	20,000*							45
	50	77.3	196.5	20,000*	79.8	195.8	20,000*				50
	55	75.8	195.3	20,000*	78.3	194.5	20,000*	80.7	192.6	20,000*	55
	60	74.3	193.9	20,000*	76.7	193.2	20,000*	79.2	191.2	20,000*	60
	65	72.7	192.4	20,000*	75.2	191.6	20,000*	77.6	189.6	20,000*	65
	70	71.1	190.7	20,000*	73.6	189.9	20,000*	76.0	187.9	20,000*	70
	75	69.6	188.9	20,000*	72.0	188.1	20,000*	74.4	186.1	20,000*	75
	80	68.0	186.9	20,000*	70.4	186.1	20,000*	72.8	184.1	20,000*	80
	85	66.4	184.8	20,000*	68.8	184.0	20,000*	71.2	181.9	20,000*	85
	90	64.7	182.4	20,000*	67.2	181.6	20,000*	69.5	179.5	20,000*	90
	100	61.4	177.3	20,000*	63.8	176.4	20,000*	66.1	174.3	20,000*	100
	110	58.0	171.3	20,000*	60.3	170.5	20,000*	62.6	168.2	20,000*	110
	120	54.4	164.5	20,000*	56.7	163.6	20,000*	58.9	161.2	20,000*	120
	130	50.6	156.7	20,000*	53.0	155.8	20,000*	55.1	153.3	20,000*	130
	140	46.6	147.8	19,900	49.0	146.8	20,000*	51.0	144.1	20,000*	140
	150	42.4	137.5	17,500	44.7	136.4	18,000	46.7	133.5	18,400	150
	160	37.7	125.4	15,500	40.0	124.2	15,900	41.8	121.0	16,200	160
	170	32.5	111.0	13,700	34.7	109.6	14,000				170
	180	26.5	93.0	12,100	28.5	91.4	12,400				180
	190	18.6	68.4	10,700							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	40	80.8	208.7	20,000*							40
	45	79.4	207.8	20,000*							45
	50	78.0	206.8	20,000*	80.3	206.0	20,000*				50
	55	76.5	205.6	20,000*	78.9	204.8	20,000*				55
	60	75.1	204.3	20,000*	77.4	203.5	20,000*	79.7	201.5	20,000*	60
	65	73.6	202.9	20,000*	75.9	202.1	20,000*	78.2	200.1	20,000*	65
	70	72.1	201.3	20,000*	74.4	200.5	20,000*	76.7	198.5	20,000*	70
	75	70.6	199.5	20,000*	72.9	198.8	20,000*	75.2	196.7	20,000*	75
	80	69.1	197.7	20,000*	71.4	196.9	20,000*	73.7	194.8	20,000*	80
	85	67.6	195.7	20,000*	69.9	194.9	20,000*	72.2	192.7	20,000*	85
	90	66.1	193.5	20,000*	68.4	192.7	20,000*	70.6	190.5	20,000*	90
	100	62.9	188.6	20,000*	65.2	187.8	20,000*	67.4	185.6	20,000*	100
	110	59.7	183.1	20,000*	62.0	182.2	20,000*	64.1	179.9	20,000*	110
	120	56.4	176.7	20,000*	58.6	175.8	20,000*	60.7	173.5	20,000*	120
	130	52.9	169.5	20,000*	55.1	168.6	20,000*	57.2	166.1	20,000*	130
	140	49.3	161.3	19,300	51.5	160.4	19,900	53.5	157.8	20,000*	140
	150	45.4	152.0	17,000	47.6	151.0	17,500	49.5	148.2	17,900	150
	160	41.3	141.3	14,900	43.4	140.1	15,400	45.3	137.1	15,700	160
	170	36.8	128.7	13,200	38.9	127.5	13,500	40.6	124.2	13,800	170
	180	31.7	113.8	11,600	33.8	112.4	11,900				180
	190	25.8	95.3	10,100	27.7	93.6	10,400				190
	200	18.1	70.0	8,800							200
160	45	79.9	218.0	20,000*	80.8	216.2	20,000*				45
	50	78.5	217.0	20,000*	79.4	215.1	20,000*				50
	55	77.2	215.9	20,000*	78.0	213.9	20,000*	80.2	211.8	20,000*	55
	60	75.8	214.6	20,000*	76.6	212.5	20,000*	78.8	210.4	20,000*	60
	65	74.4	213.3	20,000*	75.2	211.0	20,000*	77.4	208.9	20,000*	65
	70	73.0	211.8	20,000*	73.8	209.4	20,000*	76.0	207.3	20,000*	70
	75	71.6	210.1	20,000*	72.4	207.6	20,000*	74.5	205.5	20,000*	75
	80	70.1	208.4	20,000*	70.9	205.7	20,000*	73.1	203.5	20,000*	80
	85	68.7	206.5	20,000*	69.5	203.6	20,000*	71.6	201.4	20,000*	85
	90	67.3	204.4	20,000*	66.5	199.0	20,000*	68.6	196.8	20,000*	90
	100	64.3	199.8	20,000*	63.4	193.7	20,000*	65.5	191.5	20,000*	100
	110	61.3	194.6	20,000*	60.3	187.8	20,000*	62.3	185.4	20,000*	110
	120	58.2	188.7	20,000*	57.1	181.0	20,000*	59.0	178.6	20,000*	120
	130	54.9	182.0	20,000*	53.7	173.4	19,400	55.6	170.9	20,000*	130
	140	51.6	174.4	18,800	50.1	164.8	17,000	52.0	162.1	17,500	140
	150	48.0	165.8	16,500	46.3	155.0	14,900	48.2	152.1	15,300	150
	160	44.3	156.1	14,400	42.3	143.8	13,100	44.0	140.7	13,400	160
	170	40.2	144.9	12,700	37.9	130.7	11,400	39.5	127.2	11,700	170
	180	35.9	132.0	11,100	32.9	115.1	9,900				180
	190	30.9	116.6	9,700	27.0	95.7	8,600				190
	200	25.1	97.5	8,400							200
	210	17.7	71.5	7,200							210
170	45	80.4	228.1	20,000*	79.9	225.4	20,000*	80.7	222.1	20,000*	45
	50	79.0	227.2	20,000*	78.6	224.2	20,000*	79.3	220.8	20,000*	50
	55	77.7	226.1	20,000*	77.2	222.9	20,000*	78.0	219.4	20,000*	55
	60	76.4	225.0	20,000*	75.9	221.4	20,000*	76.6	217.8	20,000*	60
	65	75.1	223.7	20,000*	74.5	219.9	20,000*	75.3	216.1	20,000*	65
	70	73.8	222.2	20,000*	73.2	218.2	20,000*	73.9	214.2	20,000*	70
	75	72.4	220.7	20,000*	71.8	216.4	20,000*	72.5	212.3	20,000*	75
	80	71.1	219.0	20,000*	70.4	214.4	20,000*	70.6	207.9	20,000*	80
	85	69.7	217.2	20,000*	67.6	210.1	20,000*	66.7	202.8	20,000*	85
	90	68.3	215.2	20,000*	64.8	205.1	20,000*	63.8	197.2	20,000*	90
	100	65.5	210.9	20,000*	61.8	199.5	20,000*	60.7	190.8	20,000*	100
	110	62.7	206.0	20,000*	58.8	193.2	20,000*	57.5	183.6	19,700	110
	120	59.7	200.4	20,000*	55.6	186.1	19,100	54.1	175.5	17,200	120
	130	56.7	194.1	20,000*	52.3	178.1	16,700	50.6	166.4	15,000	130
	140	53.6	187.0	18,400	48.9	169.1	14,600	46.9	156.0	13,100	140
	150	50.3	179.1	16,100	45.2	158.9	12,700	42.8	144.1	11,400	150
	160	46.9	170.2	14,100	41.2	147.3	11,100	38.4	130.2	9,900	160
	170	43.2	160.1	12,300	36.9	133.8	9,600				170
	180	39.3	148.5	10,700	32.1	117.8	8,300				180
	190	35.0	135.1	9,300							190
	200	30.2	119.3	8,000							200
	210	24.6	99.7	6,900							210
	220	17.3	73.0	5,800							220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
180	45	80.8	238.3	20,000*							45
	50	79.5	237.4	20,000*							50
	55	78.3	236.4	20,000*	80.3	235.6	20,000*				55
	60	77.0	235.3	20,000*	79.1	234.5	20,000*				60
	65	75.7	234.0	20,000*	77.8	233.2	20,000*	79.8	231.1	20,000*	65
	70	74.5	232.6	20,000*	76.5	231.9	20,000*	78.5	229.8	20,000*	70
	75	73.2	231.2	20,000*	75.2	230.4	20,000*	77.2	228.2	20,000*	75
	80	71.9	229.6	20,000*	73.9	228.8	20,000*	75.9	226.6	20,000*	80
	85	70.6	227.8	20,000*	72.6	227.0	20,000*	74.6	224.9	20,000*	85
	90	69.3	226.0	20,000*	71.3	225.2	20,000*	73.3	223.0	20,000*	90
	100	66.6	221.9	20,000*	68.7	221.0	20,000*	70.6	218.8	20,000*	100
	110	63.9	217.2	20,000*	65.9	216.3	20,000*	67.8	214.1	20,000*	110
	120	61.2	211.9	20,000*	63.1	211.0	20,000*	65.0	208.7	20,000*	120
	130	58.3	206.0	20,000*	60.3	205.1	20,000*	62.1	202.7	20,000*	130
	140	55.4	199.4	17,900	57.3	198.4	18,600	59.1	196.0	19,200	140
	150	52.3	192.0	15,600	54.3	191.0	16,200	56.0	188.4	16,800	150
	160	49.1	183.7	13,600	51.1	182.7	14,100	52.8	180.0	14,600	160
	170	45.8	174.4	11,800	47.7	173.3	12,300	49.3	170.5	12,700	170
	180	42.2	163.9	10,200	44.1	162.8	10,600	45.7	159.7	11,000	180
	190	38.4	152.0	8,800	40.3	150.8	9,200	41.8	147.4	9,500	190
	200	34.2	138.2	7,600	36.0	136.8	7,900	37.4	133.2	8,100	200
	210	29.5	121.9	6,400	31.3	120.4	6,700				210
	220	24.0	101.8	5,400							220
	230	16.9	74.5	4,400							230
190	50	80.0	247.6	20,000*							50
	55	78.8	246.6	20,000*	80.7	245.8	20,000*				55
	60	77.6	245.5	20,000*	79.5	244.7	20,000*				60
	65	76.3	244.3	20,000*	78.3	243.5	20,000*	80.3	241.4	20,000*	65
	70	75.1	243.0	20,000*	77.1	242.2	20,000*	79.0	240.1	20,000*	70
	75	73.9	241.6	20,000*	75.9	240.8	20,000*	77.8	238.7	20,000*	75
	80	72.7	240.1	20,000*	74.6	239.3	20,000*	76.5	237.1	20,000*	80
	85	71.4	238.4	20,000*	73.4	237.6	20,000*	75.3	235.4	20,000*	85
	90	70.2	236.7	20,000*	72.1	235.8	20,000*	74.0	233.7	20,000*	90
	100	67.7	232.7	20,000*	69.6	231.9	20,000*	71.5	229.7	20,000*	100
	110	65.1	228.3	20,000*	67.0	227.4	20,000*	68.8	225.2	20,000*	110
	120	62.5	223.3	20,000*	64.4	222.4	20,000*	66.2	220.1	20,000*	120
	130	59.8	217.7	20,000*	61.7	216.8	20,000*	63.4	214.4	20,000*	130
	140	57.0	211.5	17,400	58.9	210.5	18,100	60.6	208.1	18,800	140
	150	54.1	204.5	15,000	56.0	203.6	15,700	57.7	201.0	16,300	150
	160	51.1	196.8	13,000	53.0	195.8	13,600	54.7	193.1	14,100	160
	170	48.0	188.2	11,200	49.9	187.1	11,800	51.5	184.4	12,200	170
	180	44.8	178.5	9,700	46.6	177.4	10,100	48.2	174.5	10,500	180
200	190	41.3	167.7	8,300	43.1	166.5	8,700	44.6	163.4	9,000	190
	200	37.6	155.4	7,000	39.3	154.1	7,300	40.8	150.7	7,600	200
	210	33.5	141.2	5,800	35.2	139.8	6,100				210
	220	28.9	124.5	4,800	30.6	122.9	5,100				220
	50	80.4	257.7	20,000*							50
	55	79.2	256.8	20,000*							55
	60	78.1	255.8	20,000*	79.9	255.0	20,000*				60
	65	76.9	254.6	20,000*	78.8	253.8	20,000*	80.7	251.7	20,000*	65
	70	75.7	253.4	20,000*	77.6	252.6	20,000*	79.5	250.4	20,000*	70
	75	74.6	252.0	20,000*	76.4	251.2	20,000*	78.3	249.1	20,000*	75
	80	73.4	250.6	20,000*	75.3	249.7	20,000*	77.1	247.6	20,000*	80
	85	72.2	249.0	20,000*	74.1	248.2	20,000*	75.9	246.0	20,000*	85
	90	71.0	247.3	20,000*	72.9	246.5	20,000*	74.7	244.3	20,000*	90
	100	68.6	243.5	20,000*	70.4	242.7	20,000*	72.2	240.5	20,000*	100
	110	66.1	239.3	20,000*	68.0	238.4	20,000*	69.8	236.2	20,000*	110
	120	63.6	234.5	20,000*	65.5	233.7	20,000*	67.2	231.4	20,000*	120
	130	61.1	229.2	19,600	62.9	228.3	20,000*	64.6	226.0	20,000*	130
	140	58.4	223.3	16,900	60.3	222.4	17,600	62.0	220.0	18,400	140
	150	55.7	216.8	14,500	57.5	215.8	15,200	59.2	213.3	15,900	150
	160	53.0	209.5	12,500	54.7	208.5	13,100	56.4	205.9	13,700	160
	170	50.0	201.5	10,700	51.8	200.5	11,300	53.4	197.7	11,800	170
	180	47.0	192.5	9,200	48.8	191.5	9,700	50.3	188.6	10,100	180
	190	43.8	182.6	7,700	45.6	181.5	8,200	47.1	178.4	8,600	190
	200	40.4	171.4	6,500	42.2	170.2	6,900	43.6	167.0	7,200	200
	210	36.8	158.7	5,400	38.5	157.4	5,700	39.8	153.9	6,000	210
	220	32.8	144.2	4,300	34.4	142.7	4,600				220

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28'2" CRAWLERS EXTENDED

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	80.7	267.9	20,000*							50
	55	79.6	267.0	20,000*							55
	60	78.5	266.0	20,000*	80.3	265.2	20,000*				60
	65	77.4	264.9	20,000*	79.2	264.1	20,000*	81.0	261.9	20,000*	65
	70	76.3	263.7	20,000*	78.1	262.9	20,000*	79.9	260.7	20,000*	70
	75	75.2	262.4	20,000*	77.0	261.6	20,000*	78.8	259.4	20,000*	75
	80	74.0	261.0	20,000*	75.8	260.2	20,000*	77.6	258.0	20,000*	80
	85	72.9	259.5	20,000*	74.7	258.7	20,000*	76.5	256.5	20,000*	85
	90	71.8	257.9	20,000*	73.5	257.0	20,000*	75.3	254.8	20,000*	90
	100	69.4	254.3	20,000*	71.2	253.4	20,000*	73.0	251.2	20,000*	100
	110	67.1	250.2	19,400	68.9	249.4	20,000*	70.6	247.1	20,000*	110
	120	64.7	245.7	15,700	66.5	244.8	17,000	68.2	242.5	18,300	120
	130	62.3	240.6	12,600	64.0	239.7	13,800	65.7	237.4	14,900	130
	140	59.8	235.0	10,000	61.5	234.1	11,100	63.2	231.7	12,100	140
	150	57.2	228.8	7,700	59.0	227.9	8,700	60.6	225.4	9,600	150
	160	54.6	222.0	5,800	56.3	221.0	6,700	57.9	218.4	7,400	160
	170	51.9	214.4	4,100	53.6	213.4	4,900	55.1	210.7	5,600	170
220	55	80.0	277.1	20,000*							55
	60	78.9	276.2	20,000*	80.7	275.4	20,000*				60
	65	77.9	275.1	20,000*	79.6	274.3	20,000*				65
	70	76.8	274.0	20,000*	78.5	273.2	20,000*	80.3	271.0	20,000*	70
	75	75.7	272.7	20,000*	77.5	271.9	20,000*	79.2	269.7	20,000*	75
	80	74.6	271.4	20,000*	76.4	270.6	20,000*	78.1	268.4	20,000*	80
	85	73.5	269.9	20,000*	75.3	269.1	20,000*	77.0	266.9	20,000*	85
	90	72.4	268.4	20,000*	74.2	267.5	20,000*	75.9	265.3	20,000*	90
	100	70.2	264.9	20,000*	71.9	264.1	20,000*	73.6	261.9	20,000*	100
	110	68.0	261.1	18,700	69.7	260.2	20,000*	71.4	257.9	20,000*	110
	120	65.7	256.7	15,000	67.4	255.9	16,400	69.0	253.5	17,700	120
	130	63.4	251.9	11,900	65.1	251.0	13,200	66.7	248.6	14,400	130
	140	61.0	246.6	9,300	62.7	245.6	10,400	64.3	243.2	11,500	140
	150	58.6	240.7	7,100	60.2	239.7	8,100	61.8	237.3	9,000	150
	160	56.1	234.2	5,100	57.7	233.2	6,000	59.3	230.7	6,900	160
	170				55.1	226.0	4,200	56.7	223.4	5,000	170
230	55	80.4	287.3	20,000*							55
	60	79.3	286.4	20,000*	81.0	285.6	20,000*				60
	65	78.3	285.4	20,000*	80.0	284.6	20,000*				65
	70	77.3	284.3	20,000*	79.0	283.4	20,000*	80.6	281.3	20,000*	70
	75	76.2	283.1	20,000*	77.9	282.2	20,000*	79.6	280.1	20,000*	75
	80	75.2	281.8	20,000*	76.9	280.9	20,000*	78.5	278.7	20,000*	80
	85	74.1	280.4	20,000*	75.8	279.5	20,000*	77.5	277.3	20,000*	85
	90	73.1	278.9	20,000*	74.8	278.0	20,000*	76.4	275.8	20,000*	90
	100	71.0	275.6	20,000*	72.6	274.7	20,000*	74.2	272.5	20,000*	100
	110	68.8	271.8	18,000	70.5	271.0	19,700	72.1	268.7	20,000*	110
	120	66.6	267.7	14,300	68.3	266.8	15,800	69.8	264.5	17,200	120
	130	64.4	263.1	11,200	66.0	262.2	12,500	67.6	259.8	13,700	130
	140	62.1	258.0	8,600	63.7	257.1	9,800	65.3	254.6	10,900	140
	150	59.8	252.3	6,300	61.4	251.4	7,400	62.9	249.0	8,400	150
	160	57.4	246.2	4,400	59.0	245.2	5,300	60.5	242.7	6,200	160
	170							58.0	235.8	4,300	170

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
90	35	79.4	158.8	10,000*							35
	40	77.5	157.8	10,000*							40
	45	75.5	156.6	10,000*	79.3	156.0	10,000*				45
	50	73.6	155.2	10,000*	77.4	154.6	10,000*				50
	55	71.6	153.6	10,000*	75.4	153.0	10,000*	79.2	151.1	10,000*	55
	60	69.7	151.8	10,000*	73.4	151.2	10,000*	77.2	149.3	10,000*	60
	65	67.7	149.8	10,000*	71.4	149.2	10,000*	75.1	147.3	10,000*	65
	70	65.6	147.7	10,000*	69.3	147.0	10,000*	73.0	145.1	10,000*	70
	75	63.6	145.3	10,000*	67.3	144.6	10,000*	70.9	142.6	10,000*	75
	80	61.4	142.6	10,000*	65.1	142.0	10,000*	68.8	139.9	10,000*	80
	85	59.3	139.8	10,000*	63.0	139.1	10,000*	66.6	137.0	10,000*	85
	90	57.1	136.6	10,000*	60.8	135.9	10,000*	64.3	133.8	10,000*	90
	100	52.5	129.5	10,000*	56.2	128.8	10,000*	59.7	126.5	10,000*	100
	110	47.6	121.1	10,000*	51.3	120.3	10,000*	54.6	117.9	10,000*	110
	120	42.3	111.0	10,000*	45.9	110.1	10,000*	49.2	107.5	10,000*	120
100	130	36.4	98.8	10,000*	39.9	97.8	10,000*	43.0	94.7	10,000*	130
	140	29.5	83.2	10,000*	32.9	82.0	10,000*	35.7	78.3	10,000*	140
	150	20.6	61.6	10,000*							150
	35	80.0	169.0	10,000*							35
	40	78.2	168.0	10,000*							40
	45	76.4	166.9	10,000*	80.0	166.2	10,000*				45
	50	74.6	165.6	10,000*	78.2	164.9	10,000*				50
	55	72.8	164.1	10,000*	76.3	163.5	10,000*	79.9	161.5	10,000*	55
	60	71.0	162.4	10,000*	74.5	161.8	10,000*	78.0	159.8	10,000*	60
	65	69.1	160.6	10,000*	72.6	159.9	10,000*	76.1	158.0	10,000*	65
	70	67.2	158.6	10,000*	70.7	157.9	10,000*	74.2	155.9	10,000*	70
	75	65.3	156.4	10,000*	68.8	155.7	10,000*	72.2	153.7	10,000*	75
	80	63.3	153.9	10,000*	66.8	153.3	10,000*	70.2	151.2	10,000*	80
	85	61.4	151.3	10,000*	64.8	150.6	10,000*	68.2	148.5	10,000*	85
	90	59.3	148.4	10,000*	62.8	147.7	10,000*	66.2	145.6	10,000*	90
	100	55.2	141.9	10,000*	58.6	141.2	10,000*	61.9	139.0	10,000*	100
110	110	50.8	134.4	10,000*	54.2	133.6	10,000*	57.4	131.2	10,000*	110
	120	46.1	125.4	10,000*	49.4	124.6	10,000*	52.6	122.0	10,000*	120
	130	40.9	114.8	10,000*	44.3	113.9	10,000*	47.3	111.0	10,000*	130
	140	35.2	102.0	10,000*	38.5	100.9	10,000*	41.3	97.6	10,000*	140
	150	28.6	85.8	10,000*	31.8	84.5	10,000*				150
	160	20.0	63.4	10,000*							160
	35	80.6	179.1	10,000*							35
	40	78.9	178.2	10,000*							40
	45	77.2	177.2	10,000*	80.6	176.5	10,000*				45
	50	75.5	175.9	10,000*	78.9	175.3	10,000*				50
	55	73.8	174.5	10,000*	77.1	173.9	10,000*	80.5	171.9	10,000*	55
	60	72.1	173.0	10,000*	75.4	172.3	10,000*	78.7	170.3	10,000*	60
	65	70.3	171.3	10,000*	73.7	170.6	10,000*	77.0	168.6	10,000*	65
	70	68.6	169.4	10,000*	71.9	168.7	10,000*	75.2	166.7	10,000*	70
	75	66.8	167.3	10,000*	70.1	166.6	10,000*	73.4	164.6	10,000*	75
	80	65.0	165.1	10,000*	68.3	164.4	10,000*	71.5	162.3	10,000*	80
	85	63.1	162.6	10,000*	66.4	161.9	10,000*	69.6	159.8	10,000*	85
	90	61.3	160.0	10,000*	64.5	159.2	10,000*	67.7	157.1	10,000*	90
	100	57.4	154.0	10,000*	60.7	153.2	10,000*	63.8	151.0	10,000*	100
	110	53.4	147.1	10,000*	56.6	146.3	10,000*	59.7	143.9	10,000*	110
	120	49.2	139.0	10,000*	52.4	138.2	10,000*	55.3	135.6	10,000*	120
	130	44.6	129.6	10,000*	47.8	128.7	10,000*	50.7	125.9	10,000*	130
	140	39.7	118.5	10,000*	42.8	117.5	10,000*	45.6	114.4	10,000*	140
	150	34.2	105.1	10,000*	37.2	103.9	10,000*	39.8	100.5	10,000*	150
	160	27.7	88.3	10,000*	30.7	86.9	10,000*				160
	170	19.4	65.1	10,000*							170

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	
120	40	79.5	188.4	10,000*							40
	45	77.9	187.4	10,000*							45
	50	76.3	186.2	10,000*							50
	55	74.7	184.9	10,000*	79.5	185.6	10,000*				55
	60	73.1	183.5	10,000*	77.9	184.3	10,000*				60
	65	71.5	181.9	10,000*	76.2	182.8	10,000*	79.4	180.8	10,000*	65
	70	69.8	180.1	10,000*	74.6	181.2	10,000*	77.7	179.1	10,000*	70
	75	68.1	178.2	10,000*	72.9	179.4	10,000*	76.0	177.3	10,000*	75
	80	66.4	176.0	10,000*	71.2	177.5	10,000*	74.3	175.4	10,000*	80
	85	64.7	173.8	10,000*	69.5	175.3	10,000*	72.6	173.2	10,000*	85
	90	63.0	171.3	10,000*	67.8	173.0	10,000*	70.9	170.9	10,000*	90
	100	59.4	165.8	10,000*	66.1	170.6	10,000*	69.1	168.4	10,000*	100
	110	55.7	159.4	10,000*	62.5	165.0	10,000*	65.5	162.7	10,000*	110
	120	51.8	152.0	10,000*	58.8	158.6	10,000*	61.7	156.2	10,000*	120
	130	47.7	143.5	10,000*	54.9	151.1	10,000*	57.7	148.7	10,000*	130
	140	43.3	133.6	10,000*	50.7	142.6	10,000*	53.5	139.9	10,000*	140
	150	38.5	122.0	10,000*	46.3	132.6	10,000*	49.0	129.8	10,000*	150
	160	33.2	108.1	10,000*	41.5	120.9	10,000*	44.0	117.8	10,000*	160
	170	26.9	90.7	10,000*	36.1	106.9	10,000*	38.4	103.2	10,000*	170
	180	18.8	66.8	10,000*	29.7	89.2	10,000*				180
130	40	80.1	198.6	10,000*							40
	45	78.6	197.6	10,000*							45
	50	77.1	196.5	10,000*	80.1	195.8	10,000*				50
	55	75.5	195.3	10,000*	78.5	194.6	10,000*				55
	60	74.0	193.9	10,000*	77.0	193.2	10,000*	80.0	191.1	10,000*	60
	65	72.5	192.4	10,000*	75.4	191.7	10,000*	78.4	189.6	10,000*	65
	70	70.9	190.7	10,000*	73.9	190.0	10,000*	76.8	187.9	10,000*	70
	75	69.3	188.9	10,000*	72.3	188.2	10,000*	75.2	186.0	10,000*	75
	80	67.7	186.9	10,000*	70.7	186.2	10,000*	73.6	184.0	10,000*	80
	85	66.1	184.8	10,000*	69.1	184.0	10,000*	72.0	181.8	10,000*	85
	90	64.5	182.5	10,000*	67.4	181.7	10,000*	70.3	179.5	10,000*	90
	100	61.1	177.3	10,000*	64.1	176.5	10,000*	66.9	174.2	10,000*	100
	110	57.7	171.3	10,000*	60.6	170.5	10,000*	63.4	168.2	10,000*	110
	120	54.1	164.5	10,000*	57.0	163.7	10,000*	59.7	161.2	10,000*	120
	130	50.4	156.7	10,000*	53.2	155.9	10,000*	55.9	153.3	10,000*	130
	140	46.4	147.8	10,000*	49.2	146.9	10,000*	51.8	144.1	10,000*	140
	150	42.1	137.5	10,000*	44.9	136.5	10,000*	47.4	133.5	10,000*	150
	160	37.5	125.4	10,000*	40.3	124.3	10,000*	42.6	121.0	10,000*	160
	170	32.3	111.0	10,000*	35.0	109.8	10,000*	37.2	105.9	10,000*	170
	180	26.2	93.0	10,000*	28.8	91.5	10,000*				180
	190	18.3	68.4	10,000*							190
140	40	80.6	208.7	10,000*							40
	45	79.1	207.8	10,000*							45
	50	77.7	206.8	10,000*	80.6	206.1	10,000*				50
	55	76.3	205.6	10,000*	79.1	204.9	10,000*				55
	60	74.8	204.3	10,000*	77.6	203.6	10,000*	80.5	201.5	10,000*	60
	65	73.3	202.9	10,000*	76.2	202.2	10,000*	79.0	200.0	10,000*	65
	70	71.9	201.3	10,000*	74.7	200.6	10,000*	77.5	198.4	10,000*	70
	75	70.4	199.6	10,000*	73.2	198.8	10,000*	76.0	196.7	10,000*	75
	80	68.9	197.7	10,000*	71.7	197.0	10,000*	74.5	194.8	10,000*	80
	85	67.4	195.7	10,000*	70.2	194.9	10,000*	72.9	192.7	10,000*	85
	90	65.8	193.5	10,000*	68.6	192.7	10,000*	71.4	190.5	10,000*	90
	100	62.7	188.6	10,000*	65.5	187.9	10,000*	68.2	185.6	10,000*	100
	110	59.5	183.1	10,000*	62.2	182.3	10,000*	64.9	179.9	10,000*	110
	120	56.1	176.7	10,000*	58.9	175.9	10,000*	61.5	173.4	10,000*	120
	130	52.7	169.5	10,000*	55.4	168.7	10,000*	58.0	166.1	10,000*	130
	140	49.0	161.4	10,000*	51.7	160.4	10,000*	54.2	157.7	10,000*	140
	150	45.2	152.0	10,000*	47.9	151.0	10,000*	50.3	148.1	10,000*	150
	160	41.0	141.3	10,000*	43.7	140.2	10,000*	46.0	137.1	10,000*	160
	170	36.5	128.8	10,000*	39.1	127.6	10,000*	41.3	124.1	10,000*	170
	180	31.5	113.9	10,000*	34.0	112.5	10,000*	36.1	108.5	10,000*	180
	190	25.5	95.3	10,000*	28.0	93.7	10,000*				190
	200	17.9	70.0	9,700							200

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
150	40	81.0	218.9	10,000*							40
	45	79.7	218.0	10,000*							45
	50	78.3	217.0	10,000*	81.0	216.3	10,000*				50
	55	76.9	215.9	10,000*	79.6	215.2	10,000*				55
	60	75.5	214.7	10,000*	78.2	213.9	10,000*	80.9	211.8	10,000*	60
	65	74.1	213.3	10,000*	76.8	212.6	10,000*	79.5	210.4	10,000*	65
	70	72.7	211.8	10,000*	75.4	211.1	10,000*	78.1	208.9	10,000*	70
	75	71.3	210.2	10,000*	74.0	209.4	10,000*	76.7	207.2	10,000*	75
	80	69.9	208.4	10,000*	72.6	207.6	10,000*	75.2	205.4	10,000*	80
	85	68.5	206.5	10,000*	71.1	205.7	10,000*	73.8	203.5	10,000*	85
	90	67.0	204.4	10,000*	69.7	203.7	10,000*	72.3	201.4	10,000*	90
	100	64.1	199.8	10,000*	66.7	199.1	10,000*	69.3	196.7	10,000*	100
	110	61.0	194.6	10,000*	63.7	193.8	10,000*	66.2	191.4	10,000*	110
	120	57.9	188.7	10,000*	60.5	187.9	10,000*	63.1	185.4	10,000*	120
	130	54.7	182.0	10,000*	57.3	181.1	10,000*	59.8	178.6	10,000*	130
	140	51.3	174.4	10,000*	53.9	173.5	10,000*	56.3	170.8	10,000*	140
	150	47.8	165.8	10,000*	50.4	164.9	10,000*	52.7	162.1	10,000*	150
	160	44.0	156.1	10,000*	46.6	155.1	10,000*	48.9	152.1	10,000*	160
	170	40.0	144.9	10,000*	42.5	143.9	10,000*	44.7	140.6	10,000*	170
	180	35.6	132.0	10,000*	38.1	130.8	10,000*	40.2	127.2	10,000*	180
	190	30.7	116.6	10,000*	33.1	115.2	10,000*				190
	200	24.9	97.5	9,100	27.3	95.9	9,400				200
	210	17.4	71.5	8,000							210
160	45	80.1	228.2	10,000*							45
	50	78.8	227.2	10,000*							50
	55	77.5	226.2	10,000*	80.1	225.4	10,000*				55
	60	76.2	225.0	10,000*	78.8	224.2	10,000*				60
	65	74.9	223.7	10,000*	77.4	222.9	10,000*	80.0	220.7	10,000*	65
	70	73.5	222.2	10,000*	76.1	221.5	10,000*	78.7	219.3	10,000*	70
	75	72.2	220.7	10,000*	74.8	220.0	10,000*	77.3	217.7	10,000*	75
	80	70.8	219.0	10,000*	73.4	218.3	10,000*	75.9	216.0	10,000*	80
	85	69.5	217.2	10,000*	72.0	216.4	10,000*	74.6	214.2	10,000*	85
	90	68.1	215.2	10,000*	70.7	214.5	10,000*	73.2	212.2	10,000*	90
	100	65.3	210.9	10,000*	67.9	210.1	10,000*	70.3	207.8	10,000*	100
	110	62.4	206.0	10,000*	65.0	205.2	10,000*	67.4	202.8	10,000*	110
	120	59.5	200.4	10,000*	62.0	199.6	10,000*	64.4	197.1	10,000*	120
	130	56.5	194.1	10,000*	59.0	193.3	10,000*	61.4	190.7	10,000*	130
	140	53.3	187.1	10,000*	55.8	186.2	10,000*	58.2	183.5	10,000*	140
	150	50.1	179.1	10,000*	52.5	178.2	10,000*	54.8	175.4	10,000*	150
	160	46.6	170.2	10,000*	49.1	169.2	10,000*	51.3	166.3	10,000*	160
	170	43.0	160.1	10,000*	45.4	159.0	10,000*	47.5	155.9	10,000*	170
	180	39.1	148.5	10,000*	41.5	147.4	10,000*	43.5	144.0	10,000*	180
	190	34.8	135.2	9,900	37.2	133.9	10,000*	39.1	130.1	10,000*	190
	200	30.0	119.3	8,600	32.3	117.9	9,000				200
	210	24.3	99.7	7,500	26.6	98.0	7,700				210
	220	17.0	73.1	6,400							220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
170	45	80.6	238.3	10,000*							45
	50	79.3	237.4	10,000*							50
	55	78.1	236.4	10,000*	80.5	235.7	10,000*				55
	60	76.8	235.3	10,000*	79.3	234.5	10,000*				60
	65	75.5	234.0	10,000*	78.0	233.3	10,000*	80.5	231.1	10,000*	65
	70	74.3	232.7	10,000*	76.7	231.9	10,000*	79.2	229.7	10,000*	70
	75	73.0	231.2	10,000*	75.4	230.4	10,000*	77.9	228.2	10,000*	75
	80	71.7	229.6	10,000*	74.1	228.8	10,000*	76.6	226.6	10,000*	80
	85	70.4	227.8	10,000*	72.8	227.1	10,000*	75.3	224.8	10,000*	85
	90	69.1	226.0	10,000*	71.5	225.2	10,000*	73.9	222.9	10,000*	90
	100	66.4	221.9	10,000*	68.9	221.1	10,000*	71.2	218.7	10,000*	100
	110	63.7	217.2	10,000*	66.1	216.4	10,000*	68.5	214.0	10,000*	110
	120	61.0	211.9	10,000*	63.4	211.1	10,000*	65.7	208.6	10,000*	120
	130	58.1	206.0	10,000*	60.5	205.2	10,000*	62.8	202.6	10,000*	130
	140	55.2	199.4	10,000*	57.5	198.5	10,000*	59.8	195.9	10,000*	140
	150	52.1	192.0	10,000*	54.5	191.1	10,000*	56.7	188.3	10,000*	150
	160	48.9	183.7	10,000*	51.3	182.8	10,000*	53.4	179.9	10,000*	160
	170	45.6	174.4	10,000*	47.9	173.4	10,000*	50.0	170.4	10,000*	170
	180	42.0	164.0	10,000*	44.3	162.9	10,000*	46.3	159.6	10,000*	180
	190	38.2	152.0	9,500	40.5	150.9	9,900	42.4	147.3	10,000*	190
	200	34.0	138.2	8,300	36.3	137.0	8,600	38.1	133.0	8,900	200
	210	29.3	122.0	7,100	31.5	120.5	7,400				210
	220	23.8	101.8	6,100	25.9	100.0	6,300				220
	230	16.7	74.5	5,100							230
180	45	80.9	248.4	10,000*							45
	50	79.8	247.6	10,000*							50
	55	78.6	246.6	10,000*	80.9	245.9	10,000*				55
	60	77.4	245.5	10,000*	79.7	244.8	10,000*				60
	65	76.1	244.3	10,000*	78.5	243.6	10,000*	80.9	241.3	10,000*	65
	70	74.9	243.0	10,000*	77.3	242.3	10,000*	79.6	240.0	10,000*	70
	75	73.7	241.6	10,000*	76.1	240.9	10,000*	78.4	238.6	10,000*	75
	80	72.5	240.1	10,000*	74.8	239.3	10,000*	77.2	237.0	10,000*	80
	85	71.2	238.4	10,000*	73.6	237.7	10,000*	75.9	235.4	10,000*	85
	90	70.0	236.7	10,000*	72.3	235.9	10,000*	74.6	233.6	10,000*	90
	100	67.5	232.8	10,000*	69.8	232.0	10,000*	72.1	229.6	10,000*	100
	110	64.9	228.3	10,000*	67.2	227.5	10,000*	69.5	225.1	10,000*	110
	120	62.3	223.3	10,000*	64.6	222.5	10,000*	66.8	220.0	10,000*	120
	130	59.6	217.7	10,000*	61.9	216.9	10,000*	64.1	214.3	10,000*	130
	140	56.8	211.5	10,000*	59.1	210.6	10,000*	61.2	208.0	10,000*	140
	150	53.9	204.5	10,000*	56.2	203.6	10,000*	58.3	200.9	10,000*	150
	160	50.9	196.8	10,000*	53.2	195.9	10,000*	55.3	193.0	10,000*	160
	170	47.8	188.2	10,000*	50.1	187.2	10,000*	52.1	184.2	10,000*	170
	180	44.6	178.6	10,000*	46.8	177.5	10,000*	48.8	174.4	10,000*	180
	190	41.1	167.7	9,000	43.3	166.6	9,500	45.2	163.3	9,900	190
	200	37.4	155.4	7,800	39.6	154.2	8,200	41.4	150.6	8,500	200
	210	33.3	141.3	6,600	35.4	139.9	7,000	37.1	135.9	7,300	210
	220	28.7	124.5	5,600	30.8	123.0	5,900				220
	230	23.3	103.9	4,700							230

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

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888 SERIES 1

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

144,100 LB. COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 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	50	80.2	257.7	10,000*							50
	55	79.0	256.8	10,000*							55
	60	77.9	255.8	10,000*	80.1	255.0	10,000*				60
	65	76.7	254.6	10,000*	79.0	253.9	10,000*				65
	70	75.5	253.4	10,000*	77.8	252.6	10,000*	80.1	250.3	10,000*	70
	75	74.4	252.0	10,000*	76.6	251.3	10,000*	78.9	249.0	10,000*	75
	80	73.2	250.6	10,000*	75.4	249.8	10,000*	77.7	247.5	10,000*	80
	85	72.0	249.0	10,000*	74.3	248.2	10,000*	76.5	245.9	10,000*	85
	90	70.8	247.3	10,000*	73.1	246.5	10,000*	75.3	244.2	10,000*	90
	100	68.4	243.6	10,000*	70.6	242.8	10,000*	72.8	240.4	10,000*	100
	110	65.9	239.3	10,000*	68.2	238.5	10,000*	70.4	236.1	10,000*	110
	120	63.4	234.6	10,000*	65.7	233.7	10,000*	67.8	231.3	10,000*	120
	130	60.9	229.3	10,000*	63.1	228.4	10,000*	65.2	225.9	10,000*	130
	140	58.3	223.3	10,000*	60.5	222.5	10,000*	62.5	219.9	10,000*	140
	150	55.5	216.8	10,000*	57.7	215.9	10,000*	59.8	213.2	10,000*	150
	160	52.8	209.5	10,000*	54.9	208.6	10,000*	57.0	205.8	10,000*	160
	170	49.9	201.5	10,000*	52.0	200.5	10,000*	54.0	197.6	10,000*	170
	180	46.8	192.6	9,800	49.0	191.5	10,000*	50.9	188.5	10,000*	180
	190	43.6	182.6	8,400	45.8	181.5	9,000	47.6	178.3	9,400	190
	200	40.2	171.4	7,200	42.4	170.3	7,600	44.2	166.8	8,000	200
200	210	36.6	158.8	6,100	38.7	157.5	6,500	40.4	153.8	6,800	210
	220	32.6	144.2	5,000	34.7	142.8	5,400	36.2	138.6	5,600	220
	230	28.1	127.0	4,100	30.1	125.5	4,400				230
	50	80.5	267.9	10,000*							50
	55	79.4	267.0	10,000*							55
	60	78.3	266.0	10,000*	80.5	265.2	10,000*				60
	65	77.2	264.9	10,000*	79.4	264.1	10,000*				65
	70	76.1	263.7	10,000*	78.3	262.9	10,000*	80.5	260.6	10,000*	70
	75	75.0	262.4	10,000*	77.2	261.6	10,000*	79.3	259.3	10,000*	75
	80	73.8	261.0	10,000*	76.0	260.2	10,000*	78.2	257.9	10,000*	80
210	85	72.7	259.5	10,000*	74.9	258.7	10,000*	77.0	256.4	10,000*	85
	90	71.6	257.9	10,000*	73.7	257.1	10,000*	75.9	254.7	10,000*	90
	100	69.3	254.3	10,000*	71.4	253.5	10,000*	73.5	251.1	10,000*	100
	110	66.9	250.2	10,000*	69.1	249.4	10,000*	71.2	247.0	10,000*	110
	120	64.5	245.7	10,000*	66.7	244.9	10,000*	68.7	242.4	10,000*	120
	130	62.1	240.6	10,000*	64.2	239.8	10,000*	66.3	237.3	10,000*	130
	140	59.6	235.0	10,000*	61.7	234.2	10,000*	63.7	231.6	10,000*	140
	150	57.0	228.8	8,500	59.1	227.9	9,600	61.1	225.3	10,000*	150
	160	54.4	222.0	6,600	56.5	221.1	7,600	58.5	218.3	8,500	160
	170	51.7	214.4	4,900	53.8	213.5	5,800	55.7	210.6	6,600	170
220	180				50.9	205.1	4,200	52.8	202.1	4,900	180
	50	80.9	278.0	10,000*							50
	55	79.8	277.2	10,000*							55
	60	78.8	276.2	10,000*	80.9	275.4	10,000*				60
	65	77.7	275.2	10,000*	79.8	274.4	10,000*				65
	70	76.6	274.0	10,000*	78.7	273.2	10,000*	80.8	270.9	10,000*	70
	75	75.5	272.8	10,000*	77.6	272.0	10,000*	79.7	269.6	10,000*	75
	80	74.4	271.4	10,000*	76.5	270.6	10,000*	78.6	268.3	10,000*	80
	85	73.4	269.9	10,000*	75.5	269.2	10,000*	77.5	266.8	10,000*	85
	90	72.3	268.4	10,000*	74.4	267.6	10,000*	76.4	265.2	10,000*	90
230	100	70.0	265.0	10,000*	72.1	264.2	10,000*	74.2	261.8	10,000*	100
	110	67.8	261.1	10,000*	69.9	260.3	10,000*	71.9	257.8	10,000*	110
	120	65.5	256.7	10,000*	67.6	255.9	10,000*	69.6	253.4	10,000*	120
	130	63.2	251.9	10,000*	65.3	251.1	10,000*	67.2	248.5	10,000*	130
	140	60.8	246.6	10,000*	62.9	245.7	10,000*	64.8	243.1	10,000*	140
	150	58.4	240.7	7,900	60.4	239.8	9,100	62.4	237.1	10,000*	150
	160	55.9	234.2	6,000	57.9	233.3	7,000	59.8	230.5	8,000	160
	170	53.3	227.1	4,300	55.3	226.1	5,200	57.2	223.3	6,100	170
	180							54.5	215.3	4,400	180

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	55	80.2	287.3	10,000*							55
	60	79.2	286.4	10,000*							60
	65	78.1	285.4	10,000*	80.2	284.6	10,000*				65
	70	77.1	284.3	10,000*	79.1	283.5	10,000*				70
	75	76.1	283.1	10,000*	78.1	282.3	10,000*	80.1	279.9	10,000*	75
	80	75.0	281.8	10,000*	77.0	281.0	10,000*	79.1	278.6	10,000*	80
	85	74.0	280.4	10,000*	76.0	279.6	10,000*	78.0	277.2	10,000*	85
	90	72.9	278.9	10,000*	74.9	278.1	10,000*	76.9	275.7	10,000*	90
	100	70.8	275.6	10,000*	72.8	274.8	10,000*	74.8	272.4	10,000*	100
	110	68.6	271.9	10,000*	70.6	271.0	10,000*	72.6	268.6	10,000*	110
	120	66.4	267.7	10,000*	68.4	266.9	10,000*	70.4	264.4	10,000*	120
	130	64.2	263.1	10,000*	66.2	262.2	10,000*	68.1	259.7	10,000*	130
	140	61.9	258.0	9,500	63.9	257.1	10,000*	65.8	254.5	10,000*	140
	150	59.6	252.4	7,200	61.6	251.5	8,500	63.5	248.8	9,600	150
	160	57.2	246.2	5,300	59.2	245.3	6,400	61.1	242.6	7,400	160
	170				56.8	238.5	4,600	58.6	235.7	5,500	170