

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7795-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, 179,100 LB. CRANE COUNTERWEIGHT, AND 44,000 LB. CARBODY 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)290'	---	(a)290'	---	(a)260'	---	240'	---
280'	---	(a)280'	---	250'	---	230'	30'
270'	30'	270'	---	240'	50'	220'	60'
260'	60'	260'	50'	230'	60'		
		250'	60'				
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 290' BOOM AND CANNOT BE LIFTED OVER REAR OF BLOCKED CRAWLERS ON 280' BOOM OR SIDE OF EXTENDED CRAWLERS ON 260' BOOM. WIRE ROPE GUIDE ASSEMBLY 179061 UPPER AND MIDDLE SHEAVES AND SHAFTS OR ASSEMBLY 92671 UPPER SHEAVE AND SHAFT MUST BE REMOVED ON 290' BOOM WHEN LIFTED OVER REAR 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)280'	---	(a)280'	---	250'	---	230'	---
270'	---	270'	---	240'	40'	220'	50'
260'	50'	260'	40'	230'	60'	210'	60'
250'	60'	250'	60'				
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 280' BOOM.							

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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	
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
100	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	40,000*	42.3	86.2	37,700*	44.0	84.4	33,000*	100
	110	32.2	73.0	38,400*	34.2	72.2	34,900*				110
	120	21.8	53.0	34,800*							120
110	30	79.6	139.2	40,000*							30
	35	77.4	138.1	40,000*	79.6	137.7	40,000*	79.5	135.2	40,000*	35
	40	75.2	136.9	40,000*	77.3	136.4	40,000*	77.2	133.7	40,000*	40
	45	72.9	135.4	40,000*	75.1	134.9	40,000*	74.9	132.0	40,000*	45
	50	70.7	133.7	40,000*	72.8	133.2	40,000*	72.6	130.0	40,000*	50
	55	68.4	131.8	40,000*	70.5	131.3	40,000*	70.2	127.9	40,000*	55
	60	66.0	129.7	40,000*	68.2	129.2	40,000*	67.8	125.4	40,000*	60
	65	63.7	127.3	40,000*	65.8	126.8	40,000*	65.3	122.7	40,000*	65
	70	61.2	124.7	40,000*	63.3	124.1	40,000*	62.8	119.8	40,000*	70
	75	58.8	121.7	40,000*	60.8	121.2	40,000*	60.2	116.5	39,800*	75
	80	56.2	118.5	40,000*	58.3	117.9	40,000*	57.5	112.8	38,300*	80
	85	53.6	114.9	40,000*	55.6	114.3	40,000*	54.7	108.8	36,900*	85
120	90	50.8	111.0	40,000*	52.9	110.4	40,000*	48.7	99.4	34,500*	90
	100	45.0	101.8	40,000*	47.0	101.2	37,000*	42.0	87.8	32,500*	100
	110	38.5	90.5	40,000*	40.5	89.7	34,500*				110
	120	30.9	75.8	35,600	32.8	74.9					120
	130	20.9	54.9	31,600							130
130	30	80.3	149.4	40,000*							30
	35	78.3	148.4	40,000*	80.3	147.9	40,000*	80.2	145.5	40,000*	35
	40	76.2	147.2	40,000*	78.3	146.7	40,000*	78.1	144.1	40,000*	40
	45	74.2	145.9	40,000*	76.2	145.4	40,000*	76.0	142.5	40,000*	45
	50	72.1	144.3	40,000*	74.1	143.8	40,000*	73.9	140.7	40,000*	50
	55	70.0	142.6	40,000*	72.0	142.0	40,000*	71.7	138.7	40,000*	55
	60	67.8	140.6	40,000*	69.8	140.1	40,000*	69.5	136.5	40,000*	60
	65	65.6	138.4	40,000*	67.6	137.9	40,000*	67.2	134.1	40,000*	65
	70	63.4	136.0	40,000*	65.4	135.4	40,000*	64.9	131.4	40,000*	70
	75	61.2	133.3	40,000*	63.1	132.8	40,000*	62.6	128.4	40,000*	75
	80	58.8	130.4	40,000*	60.8	129.8	40,000*	60.2	125.1	39,800*	80
	85	56.5	127.2	40,000*	58.4	126.6	40,000*	57.7	121.5	38,400*	85
140	90	54.0	123.7	40,000*	55.9	123.1	40,000*	52.4	113.3	35,900*	90
	100	48.9	115.6	40,000*	50.8	115.0	39,100*	46.7	103.3	33,800*	100
	110	43.3	105.9	39,800	45.2	105.2	35,300	40.3	91.0	32,100*	110
	120	37.1	93.9	35,100	38.9	93.1	31,300				120
	130	29.8	78.5	31,100	31.5	77.5					130
	140	20.2	56.7	27,700							140

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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	
120	30	81.0	159.5	40,000*							30
	35	79.1	158.6	40,000*	81.0	158.1	40,000*				35
	40	77.2	157.5	40,000*	79.0	157.0	40,000*	80.9	155.7	40,000*	40
	45	75.2	156.2	40,000*	77.1	155.7	40,000*	78.9	154.5	40,000*	45
	50	73.3	154.8	40,000*	75.2	154.3	40,000*	77.0	153.0	40,000*	50
	55	71.3	153.2	40,000*	73.2	152.7	40,000*	75.0	151.3	40,000*	55
	60	69.3	151.4	40,000*	71.2	150.8	40,000*	73.0	149.5	40,000*	60
	65	67.3	149.3	40,000*	69.2	148.8	40,000*	70.9	147.5	40,000*	65
	70	65.3	147.1	40,000*	67.1	146.6	40,000*	68.8	145.2	40,000*	70
	75	63.2	144.7	40,000*	65.0	144.1	40,000*	66.7	142.7	40,000*	75
	80	61.1	142.0	40,000*	62.9	141.4	40,000*	64.6	140.0	40,000*	80
	85	58.9	139.0	40,000*	60.7	138.5	40,000*	62.4	137.0	40,000*	85
	90	56.7	135.9	40,000*	58.5	135.3	40,000*	60.1	133.8	39,800*	90
	100	52.1	128.6	40,000*	53.9	128.0	40,000*	55.5	126.4	37,200*	100
	110	47.2	120.0	39,300	48.9	119.3	39,700	50.4	117.6	35,100*	110
130	120	41.8	109.7	34,600	43.5	109.0	35,000	44.9	107.1	33,300*	120
	130	35.8	97.1	30,700	37.5	96.3	30,900	38.8	94.1	31,100	130
	140	28.7	81.1	27,300	30.3	80.1	27,500				140
	150	19.5	58.4	24,400							150
130	35	79.7	168.8	40,000*							35
	40	77.9	167.8	40,000*	79.7	167.3	40,000*				40
	45	76.1	166.6	40,000*	77.9	166.1	40,000*	79.6	164.8	40,000*	45
	50	74.3	165.2	40,000*	76.1	164.7	40,000*	77.8	163.4	40,000*	50
	55	72.5	163.7	40,000*	74.3	163.2	40,000*	75.9	161.9	40,000*	55
	60	70.7	162.0	40,000*	72.4	161.5	40,000*	74.1	160.2	40,000*	60
	65	68.8	160.1	40,000*	70.5	159.6	40,000*	72.2	158.3	40,000*	65
	70	66.9	158.1	40,000*	68.6	157.5	40,000*	70.3	156.2	40,000*	70
	75	65.0	155.8	40,000*	66.7	155.3	40,000*	68.3	153.9	40,000*	75
	80	63.0	153.3	40,000*	64.7	152.8	40,000*	66.3	151.4	40,000*	80
	85	61.0	150.6	40,000*	62.7	150.1	40,000*	64.3	148.6	40,000*	85
	90	59.0	147.7	40,000*	60.7	147.1	40,000*	62.2	145.7	40,000*	90
	100	54.8	141.1	40,000*	56.5	140.5	40,000*	58.0	139.0	38,500*	100
	110	50.3	133.4	39,100	52.0	132.7	39,500	53.5	131.1	36,300*	110
	120	45.6	124.3	34,400	47.2	123.6	34,700	48.6	121.8	34,400*	120
140	130	40.4	113.4	30,400	42.0	112.7	30,700	43.3	110.7	31,000	130
	140	34.6	100.3	27,100	36.2	99.4	27,300	37.4	97.1	27,500	140
	150	27.8	83.6	24,200	29.3	82.5	24,400				150
	160	18.8	60.0	21,600							160
140	35	80.3	178.9	40,000*							35
	40	78.7	178.0	40,000*	80.3	177.5	40,000*				40
	45	77.0	176.9	40,000*	78.6	176.4	40,000*	80.2	175.1	40,000*	45
	50	75.3	175.6	40,000*	76.9	175.1	40,000*	78.5	173.8	40,000*	50
	55	73.5	174.2	40,000*	75.2	173.7	40,000*	76.8	172.3	40,000*	55
	60	71.8	172.6	40,000*	73.5	172.1	40,000*	75.0	170.7	40,000*	60
	65	70.1	170.8	40,000*	71.7	170.3	40,000*	73.3	169.0	40,000*	65
	70	68.3	168.9	40,000*	69.9	168.4	40,000*	71.5	167.0	40,000*	70
	75	66.5	166.8	40,000*	68.1	166.3	40,000*	69.7	164.9	40,000*	75
	80	64.7	164.5	40,000*	66.3	163.9	40,000*	67.8	162.5	40,000*	80
	85	62.8	162.0	40,000*	64.5	161.4	40,000*	66.0	160.0	40,000*	85
	90	61.0	159.3	40,000*	62.6	158.7	40,000*	64.0	157.3	40,000*	90
	100	57.1	153.2	40,000*	58.7	152.6	40,000*	60.1	151.1	39,800*	100
	110	53.0	146.2	38,600	54.6	145.5	39,100	56.0	143.9	37,500*	110
	120	48.8	138.0	33,900	50.3	137.3	34,300	51.7	135.6	34,600	120
170	130	44.2	128.4	30,000	45.7	127.6	30,300	47.0	125.8	30,600	130
	140	39.2	117.0	26,600	40.7	116.2	26,900	41.9	114.2	27,100	140
	150	33.6	103.3	23,800	35.0	102.4	24,000				150
	160	27.0	86.0	21,200	28.4	84.9	21,400				160
	170	18.3	61.6	19,000							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*				40
	45	77.7	187.1	40,000*	79.3	186.6	40,000*	80.8	185.3	40,000*	45
	50	76.1	185.9	40,000*	77.7	185.4	40,000*	79.2	184.1	40,000*	50
	55	74.5	184.6	40,000*	76.0	184.1	40,000*	77.5	182.7	40,000*	55
	60	72.8	183.1	40,000*	74.4	182.6	40,000*	75.9	181.2	40,000*	60
	65	71.2	181.5	40,000*	72.7	180.9	40,000*	74.2	179.6	40,000*	65
	70	69.5	179.6	40,000*	71.1	179.1	40,000*	72.6	177.7	40,000*	70
	75	67.9	177.7	40,000*	69.4	177.1	40,000*	70.9	175.7	40,000*	75
	80	66.2	175.5	40,000*	67.7	175.0	40,000*	69.1	173.6	40,000*	80
	85	64.4	173.2	40,000*	66.0	172.6	40,000*	67.4	171.2	40,000*	85
	90	62.7	170.7	40,000*	64.2	170.1	40,000*	65.6	168.6	40,000*	90
	100	59.1	165.0	40,000*	60.6	164.5	40,000*	62.0	162.9	40,000*	100
	110	55.4	158.5	38,000	56.9	157.9	38,600	58.2	156.3	38,700*	110
	120	51.5	151.0	33,300	52.9	150.4	33,800	54.2	148.7	34,200	120
	130	47.3	142.4	29,400	48.8	141.7	29,800	50.0	139.9	30,100	130
	140	42.9	132.3	26,100	44.3	131.6	26,400	45.5	129.7	26,600	140
	150	38.1	120.5	23,200	39.5	119.7	23,500	40.6	117.5	23,700	150
160	160	32.6	106.2	20,700	34.0	105.3	20,900				160
	170	26.2	88.3	18,500	27.5	87.2	18,600				170
	180	17.8	63.2	16,500							180
	40	79.8	198.4	40,000*							40
	45	78.3	197.4	40,000*	79.8	196.8	40,000*				45
	50	76.8	196.2	40,000*	78.3	195.7	40,000*	79.8	194.4	40,000*	50
	55	75.3	195.0	40,000*	76.8	194.5	40,000*	78.2	193.1	40,000*	55
	60	73.7	193.6	40,000*	75.2	193.0	40,000*	76.7	191.7	40,000*	60
	65	72.2	192.0	40,000*	73.7	191.5	40,000*	75.1	190.1	40,000*	65
	70	70.6	190.3	40,000*	72.1	189.8	40,000*	73.5	188.4	40,000*	70
	75	69.1	188.4	40,000*	70.5	187.9	40,000*	71.9	186.5	40,000*	75
	80	67.5	186.4	40,000*	68.9	185.9	40,000*	70.3	184.5	40,000*	80
	85	65.8	184.2	40,000*	67.3	183.7	40,000*	68.7	182.2	40,000*	85
	90	64.2	181.9	40,000*	65.7	181.3	40,000*	67.0	179.9	40,000*	90
	100	60.9	176.6	40,000*	62.3	176.0	40,000*	63.6	174.5	40,000*	100
	110	57.4	170.6	37,600	58.8	170.0	38,100	60.1	168.4	38,600	110
	120	53.8	163.7	32,900	55.2	163.0	33,300	56.5	161.4	33,700	120
	130	50.0	155.7	28,900	51.4	155.1	29,300	52.6	153.4	29,700	130
	140	46.0	146.7	25,600	47.4	146.0	25,900	48.6	144.1	26,200	140
	150	41.7	136.2	22,700	43.1	135.4	23,000	44.2	133.4	23,300	150
170	160	37.0	123.9	20,200	38.4	123.0	20,500	39.4	120.8	20,700	160
	170	31.7	109.1	18,000	33.0	108.1	18,200				170
	180	25.5	90.6	16,100	26.7	89.4	16,200				180
	190	17.3	64.7	14,300							190
	40	80.3	208.5	40,000*							40
	45	78.9	207.6	40,000*	80.3	207.1	40,000*				45
	50	77.5	206.5	40,000*	78.9	206.0	40,000*	80.3	204.6	40,000*	50
	55	76.0	205.3	40,000*	77.4	204.8	40,000*	78.8	203.4	40,000*	55
	60	74.6	204.0	40,000*	76.0	203.4	40,000*	77.3	202.1	40,000*	60
	65	73.1	202.5	40,000*	74.5	202.0	40,000*	75.9	200.6	40,000*	65
	70	71.6	200.9	40,000*	73.0	200.3	40,000*	74.4	199.0	40,000*	70
	75	70.1	199.1	40,000*	71.5	198.6	40,000*	72.9	197.2	40,000*	75
	80	68.6	197.2	40,000*	70.0	196.7	40,000*	71.3	195.3	40,000*	80
	85	67.1	195.2	40,000*	68.5	194.6	40,000*	69.8	193.2	40,000*	85
	90	65.6	192.9	40,000*	66.9	192.4	40,000*	68.2	190.9	40,000*	90
	100	62.4	188.0	40,000*	63.8	187.4	40,000*	65.1	185.9	40,000*	100
	110	59.2	182.4	37,200	60.6	181.8	37,800	61.8	180.2	38,300	110
	120	55.8	175.9	32,500	57.2	175.3	33,000	58.4	173.7	33,400	120
	130	52.3	168.6	28,600	53.7	168.0	29,000	54.9	166.3	29,400	130
	140	48.7	160.3	25,200	50.0	159.6	25,600	51.1	157.9	25,900	140
	150	44.8	150.8	22,400	46.1	150.1	22,700	47.2	148.2	23,000	150
	160	40.6	139.9	19,900	41.9	139.1	20,100	42.9	137.1	20,400	160
	170	36.1	127.1	17,700	37.3	126.3	17,900	38.3	124.0	18,100	170
	180	30.9	111.9	15,700	32.1	110.9	15,900				180
	190	24.9	92.8	14,000							190
	200	16.8	66.2	12,400							200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	40,000*	68.1	203.3	40,000*	69.3	201.9	40,000*	90
	100	63.8	199.2	40,000*	65.1	198.7	40,000*	66.3	197.2	40,000*	100
	110	60.8	193.9	36,700	62.1	193.3	37,300	63.3	191.8	37,900	110
	120	57.6	187.9	32,000	58.9	187.3	32,500	60.1	185.7	33,000	120
	130	54.4	181.1	28,100	55.7	180.5	28,500	56.8	178.8	29,000	130
	140	51.0	173.4	24,700	52.3	172.8	25,200	53.4	171.1	25,500	140
	150	47.5	164.7	21,900	48.7	164.0	22,200	49.8	162.2	22,500	150
	160	43.7	154.9	19,400	44.9	154.1	19,700	45.9	152.2	20,000	160
	170	39.6	143.5	17,200	40.8	142.7	17,500	41.8	140.6	17,700	170
	180	35.2	130.3	15,300	36.4	129.4	15,500	37.2	127.1	15,700	180
	190	30.2	114.6	13,600	31.3	113.6	13,700				190
	200	24.3	94.9	12,000							200
190	45	79.9	227.9	40,000*							45
	50	78.6	227.0	40,000*	79.9	226.4	40,000*				50
	55	77.3	225.9	40,000*	78.6	225.3	40,000*	79.8	224.0	40,000*	55
	60	76.0	224.7	40,000*	77.3	224.1	40,000*	78.5	222.8	40,000*	60
	65	74.7	223.3	40,000*	75.9	222.8	40,000*	77.2	221.4	40,000*	65
	70	73.3	221.9	40,000*	74.6	221.3	40,000*	75.8	219.9	40,000*	70
	75	72.0	220.3	40,000*	73.3	219.8	40,000*	74.5	218.3	40,000*	75
	80	70.6	218.6	40,000*	71.9	218.0	40,000*	73.1	216.6	40,000*	80
	85	69.3	216.7	40,000*	70.5	216.2	40,000*	71.7	214.8	40,000*	85
	90	67.9	214.8	40,000*	69.1	214.2	40,000*	70.3	212.7	40,000*	90
	100	65.1	210.3	40,000*	66.3	209.8	40,000*	67.5	208.3	40,000*	100
	110	62.2	205.3	36,200	63.5	204.8	36,800	64.6	203.2	37,400	110
	120	59.3	199.7	31,500	60.5	199.1	32,000	61.6	197.5	32,500	120
	130	56.2	193.3	27,500	57.5	192.7	28,000	58.5	191.1	28,500	130
	140	53.1	186.2	24,200	54.3	185.5	24,600	55.4	183.8	25,000	140
	150	49.8	178.1	21,300	51.0	177.4	21,700	52.0	175.7	22,000	150
	160	46.3	169.1	18,800	47.5	168.3	19,200	48.5	166.5	19,500	160
	170	42.6	158.8	16,600	43.8	158.0	16,900	44.8	156.0	17,200	170
	180	38.7	147.1	14,700	39.8	146.2	15,000	40.7	144.1	15,200	180
	190	34.4	133.4	13,000	35.5	132.5	13,200				190
	200	29.5	117.2	11,400	30.6	116.2	11,600				200
	210	23.7	97.0	10,000							210
200	45	80.4	238.1	40,000*							45
	50	79.1	237.2	40,000*	80.3	236.6	40,000*				50
	55	77.9	236.1	40,000*	79.1	235.6	40,000*	80.3	234.2	40,000*	55
	60	76.6	235.0	40,000*	77.8	234.4	40,000*	79.0	233.1	40,000*	60
	65	75.3	233.7	40,000*	76.6	233.2	40,000*	77.7	231.8	40,000*	65
	70	74.1	232.3	40,000*	75.3	231.8	40,000*	76.5	230.4	40,000*	70
	75	72.8	230.8	40,000*	74.0	230.3	40,000*	75.2	228.9	40,000*	75
	80	71.5	229.2	40,000*	72.7	228.6	40,000*	73.9	227.2	40,000*	80
	85	70.2	227.4	40,000*	71.4	226.9	40,000*	72.6	225.4	40,000*	85
	90	68.9	225.5	40,000*	70.1	225.0	40,000*	71.2	223.5	40,000*	90
	100	66.2	221.3	40,000*	67.4	220.8	40,000*	68.5	219.3	40,000*	100
	110	63.5	216.6	35,700	64.7	216.0	36,400	65.8	214.5	37,000	110
	120	60.7	211.3	31,000	61.9	210.7	31,600	63.0	209.1	32,100	120
	130	57.8	205.3	27,000	59.0	204.6	27,500	60.1	203.1	28,000	130
	140	54.9	198.6	23,700	56.1	197.9	24,200	57.1	196.3	24,600	140
	150	51.8	191.1	20,800	53.0	190.4	21,200	54.0	188.7	21,600	150
	160	48.6	182.7	18,300	49.8	182.0	18,700	50.8	180.2	19,000	160
	170	45.3	173.3	16,200	46.4	172.5	16,500	47.3	170.6	16,700	170
	180	41.7	162.6	14,200	42.8	161.8	14,500	43.7	159.8	14,700	180
	190	37.8	150.5	12,500	38.9	149.6	12,700	39.7	147.4	12,900	190
	200	33.6	136.5	11,000	34.7	135.5	11,200				200
	210	28.8	119.8	9,600	29.8	118.7	9,700				210
	220	23.2	99.1	8,300							220

MANITOWOC ENGINEERING CO.

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



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888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	40,000*	72.2	237.5	40,000*	73.3	236.0	40,000*	85
	90	69.8	236.2	40,000*	70.9	235.7	40,000*	72.0	234.2	40,000*	90
	100	67.2	232.2	40,000*	68.4	231.7	40,000*	69.5	230.2	40,000*	100
	110	64.7	227.7	35,300	65.8	227.2	36,000	66.9	225.7	36,600	110
	120	62.0	222.7	30,600	63.2	222.1	31,200	64.2	220.5	31,800	120
	130	59.3	217.0	26,600	60.5	216.4	27,200	61.5	214.8	27,700	130
	140	56.5	210.7	23,300	57.7	210.1	23,800	58.7	208.4	24,200	140
	150	53.7	203.7	20,400	54.8	203.0	20,900	55.8	201.3	21,200	150
	160	50.7	195.8	17,900	51.8	195.2	18,300	52.7	193.4	18,700	160
	170	47.5	187.1	15,800	48.6	186.4	16,100	49.6	184.6	16,400	170
	180	44.3	177.4	13,800	45.3	176.6	14,100	46.2	174.6	14,400	180
	190	40.8	166.4	12,100	41.8	165.6	12,400	42.7	163.5	12,600	190
220	200	37.0	153.9	10,600	38.0	153.0	10,800	38.8	150.7	11,000	200
	210	32.9	139.4	9,200	33.9	138.5	9,400				210
	220	28.2	122.3	7,900	29.2	121.2	8,100				220
	230	22.7	101.1	6,700							230
	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	40,000*	72.9	248.0	40,000*	74.0	246.6	40,000*	85
230	90	70.6	246.9	40,000*	71.7	246.3	40,000*	72.8	244.9	40,000*	90
	100	68.2	243.1	40,000*	69.3	242.5	40,000*	70.4	241.0	40,000*	100
	110	65.7	238.8	34,800	66.8	238.2	35,500	67.9	236.7	36,200	110
	120	63.2	234.0	30,100	64.3	233.4	30,700	65.3	231.8	31,300	120
	130	60.7	228.6	26,100	61.8	228.0	26,700	62.7	226.4	27,200	130
	140	58.0	222.6	22,800	59.1	222.0	23,300	60.1	220.4	23,800	140
	150	55.3	216.0	19,900	56.4	215.3	20,400	57.3	213.7	20,800	150
	160	52.5	208.6	17,400	53.6	208.0	17,900	54.5	206.2	18,200	160
	170	49.6	200.5	15,300	50.7	199.8	15,600	51.6	198.0	16,000	170
	180	46.5	191.4	13,300	47.6	190.7	13,700	48.5	188.8	14,000	180
	190	43.3	181.3	11,600	44.4	180.6	11,900	45.2	178.6	12,200	190
	200	39.9	170.0	10,100	40.9	169.2	10,300	41.7	167.0	10,500	200
240	210	36.2	157.2	8,700	37.2	156.3	8,900	38.0	153.9	9,100	210
	220	32.2	142.3	7,400	33.2	141.3	7,600				220
	230	27.6	124.8	6,300	28.6	123.6	6,400				230
	240	22.2	103.1	5,200							240
	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	40,000*	75.9	261.5	40,000*	76.9	260.1	40,000*	75
	80	73.7	260.6	40,000*	74.7	260.1	40,000*	75.8	258.7	40,000*	80
	85	72.5	259.1	40,000*	73.6	258.5	40,000*	74.6	257.1	40,000*	85
	90	71.4	257.5	38,800	72.5	256.9	40,000*	73.5	255.5	40,000*	90
250	100	69.1	253.8	31,900	70.1	253.3	33,000	71.1	251.8	34,100	100
	110	66.7	249.7	26,400	67.8	249.1	27,400	68.8	247.7	28,300	110
	120	64.3	245.1	21,800	65.4	244.5	22,700	66.4	243.0	23,500	120
	130	61.9	240.0	18,000	62.9	239.4	18,800	63.9	237.9	19,600	130
	140	59.4	234.3	14,800	60.4	233.7	15,500	61.4	232.1	16,200	140
	150	56.8	228.1	12,100	57.8	227.4	12,700	58.8	225.8	13,300	150
	160	54.2	221.1	9,700	55.2	220.5	10,300	56.1	218.8	10,800	160
	170	51.4	213.5	7,600	52.4	212.8	8,100	53.3	211.0	8,600	170
	180	48.6	205.0	5,700	49.6	204.3	6,200	50.5	202.5	6,600	180
	190	45.6	195.7	4,100	46.6	194.9	4,500	47.4	193.0	4,900	190

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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	
240	50	80.7	277.8	40,000*							50
	55	79.7	276.9	40,000*	80.7	276.4	40,000*				55
	60	78.6	276.0	40,000*	79.6	275.4	40,000*	80.7	274.0	40,000*	60
	65	77.5	274.9	40,000*	78.6	274.3	40,000*	79.6	272.9	40,000*	65
	70	76.4	273.7	40,000*	77.5	273.2	40,000*	78.5	271.7	40,000*	70
	75	75.4	272.4	40,000*	76.4	271.9	40,000*	77.4	270.5	40,000*	75
	80	74.3	271.1	40,000*	75.3	270.5	40,000*	76.3	269.1	40,000*	80
	85	73.2	269.6	40,000*	74.2	269.0	40,000*	75.2	267.6	40,000*	85
	90	72.1	268.0	38,200	73.1	267.4	39,600	74.1	266.0	40,000*	90
	100	69.9	264.5	31,300	70.9	263.9	32,500	71.9	262.5	33,600	100
	110	67.6	260.6	25,800	68.6	260.0	26,800	69.6	258.5	27,800	110
	120	65.3	256.2	21,200	66.3	255.6	22,100	67.3	254.1	23,000	120
	130	63.0	251.3	17,400	64.0	250.7	18,300	64.9	249.2	19,000	130
	140	60.6	245.9	14,200	61.6	245.3	15,000	62.5	243.7	15,600	140
	150	58.2	239.9	11,500	59.2	239.3	12,100	60.1	237.7	12,700	150
	160	55.7	233.4	9,100	56.7	232.7	9,700	57.5	231.1	10,200	160
	170	53.1	226.2	7,000	54.1	225.5	7,500	54.9	223.8	8,000	170
	180	50.4	218.2	5,100	51.4	217.5	5,600	52.2	215.7	6,000	180
250								49.4	206.9	4,300	190
	55	80.0	287.1	40,000*							55
	60	79.0	286.2	40,000*	80.0	285.6	40,000*	81.0	284.2	40,000*	60
	65	78.0	285.1	40,000*	79.0	284.6	40,000*	80.0	283.2	40,000*	65
	70	76.9	284.0	40,000*	77.9	283.4	40,000*	78.9	282.0	40,000*	70
	75	75.9	282.8	40,000*	76.9	282.2	40,000*	77.9	280.8	40,000*	75
	80	74.8	281.4	40,000*	75.9	280.9	40,000*	76.8	279.5	40,000*	80
	85	73.8	280.0	40,000*	74.8	279.5	40,000*	75.8	278.0	40,000*	85
	90	72.7	278.5	37,700	73.7	277.9	39,100	74.7	276.5	40,000*	90
	100	70.6	275.2	30,700	71.6	274.6	31,900	72.5	273.1	33,100	100
	110	68.4	271.4	25,200	69.4	270.8	26,300	70.4	269.3	27,300	110
	120	66.2	267.2	20,600	67.2	266.6	21,600	68.2	265.1	22,500	120
	130	64.0	262.5	16,900	65.0	261.9	17,700	65.9	260.4	18,500	130
	140	61.7	257.3	13,600	62.7	256.7	14,400	63.6	255.2	15,100	140
	150	59.4	251.7	10,900	60.4	251.0	11,600	61.3	249.4	12,200	150
	160	57.0	245.4	8,500	58.0	244.8	9,100	58.9	243.1	9,700	160
	170	54.6	238.6	6,400	55.5	237.9	7,000	56.4	236.2	7,500	170
	180	52.1	231.1	4,600	53.0	230.4	5,100	53.8	228.6	5,500	180
260											190
	55	80.4	297.3	40,000*							55
	60	79.4	296.3	40,000*	80.4	295.8	40,000*	80.3	293.4		60
	65	78.4	295.3	40,000*	79.4	294.8	40,000*	79.3	292.3	40,000*	65
	70	77.4	294.3	40,000*	78.4	293.7	40,000*	78.3	291.1	40,000*	70
	75	76.4	293.1	40,000*	77.4	292.5	40,000*	77.3	289.8	40,000*	75
	80	75.4	291.8	40,000*	76.3	291.2	40,000*	76.3	288.4	40,000*	80
	85	74.4	290.4	40,000*	75.3	289.9	40,000*	75.2	287.0	40,000*	85
	90	73.3	289.0	37,000	74.3	288.4	38,400	74.2	286.5	39,800	90
	100	71.3	285.7	30,100	72.3	285.2	31,300	73.2	283.7	32,500	100
	110	69.2	282.1	24,500	70.2	281.5	25,600	71.1	280.1	26,700	110
	120	67.1	278.1	20,000	68.1	277.5	21,000	69.0	276.0	21,900	120
	130	65.0	273.6	16,200	65.9	273.0	17,100	66.8	271.5	17,900	130
	140	62.8	268.7	13,000	63.7	268.0	13,800	64.6	266.5	14,500	140
	150	60.6	263.2	10,200	61.5	262.6	10,900	62.4	261.0	11,600	150
	160	58.3	257.3	7,800	59.2	256.6	8,500	60.1	255.0	9,100	160
	170	56.0	250.8	5,700	56.9	250.1	6,300	57.7	248.4	6,900	170
	180				54.5	243.0	4,400	55.3	241.3	4,900	180

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
270	55	80.7	307.4	40,000*							55
	60	79.7	306.5	40,000*	80.7	306.0	40,000*				60
	65	78.8	305.6	40,000*	79.7	305.0	40,000*	80.6	303.6	40,000*	65
	70	77.8	304.5	40,000*	78.8	304.0	40,000*	79.7	302.5	40,000*	70
	75	76.8	303.4	40,000*	77.8	302.8	40,000*	78.7	301.4	40,000*	75
	80	75.9	302.1	40,000*	76.8	301.6	40,000*	77.7	300.1	40,000*	80
	85	74.9	300.8	40,000*	75.8	300.3	40,000*	76.7	298.8	40,000*	85
	90	73.9	299.4	36,300	74.8	298.8	37,800	75.7	297.4	39,200	90
	100	71.9	296.3	29,400	72.9	295.7	30,700	73.8	294.3	31,900	100
	110	69.9	292.8	23,800	70.9	292.2	25,000	71.7	290.7	26,100	110
	120	67.9	288.9	19,300	68.8	288.3	20,300	69.7	286.8	21,300	120
	130	65.8	284.6	15,500	66.8	284.0	16,400	67.6	282.5	17,300	130
	140	63.8	279.9	12,200	64.7	279.3	13,100	65.5	277.7	13,900	140
	150	61.6	274.7	9,500	62.5	274.0	10,200	63.4	272.5	10,900	150
	160	59.5	269.0	7,100	60.4	268.3	7,800	61.2	266.7	8,400	160
	170	57.2	262.8	5,000	58.1	262.1	5,600	58.9	260.5	6,200	170
	180							56.6	253.6	4,200	180

MANITOWOC ENGINEERING CO.

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



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REQUIREMENTS

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NEW YORK CITY CODE

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BOOM NO. 22E WITH OPEN THROAT TOP

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44,000 LB. CARBODY 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	
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
	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	25,000*							130
100	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
	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	29,400*	39.7	92.8	26,400*	41.7	90.2	23,300*	120
	130	30.0	78.5	26,900*	32.3	77.2	24,700*				130
	140	20.4	56.6	24,800*							140
110	35	79.3	158.6	30,000*							35
	40	77.4	157.5	30,000*	79.9	156.8	30,000*				40
	45	75.5	156.2	30,000*	77.9	155.6	30,000*	80.4	154.0	30,000*	45
	50	73.5	154.8	30,000*	76.0	154.1	30,000*	78.4	152.5	30,000*	50
	55	71.6	153.2	30,000*	74.0	152.5	30,000*	76.4	150.8	30,000*	55
	60	69.6	151.3	30,000*	72.0	150.7	30,000*	74.4	149.0	30,000*	60
	65	67.6	149.3	30,000*	70.0	148.6	30,000*	72.4	146.9	30,000*	65
	70	65.5	147.1	30,000*	68.0	146.4	30,000*	70.3	144.7	30,000*	70
	75	63.4	144.6	30,000*	65.9	143.9	30,000*	68.2	142.2	30,000*	75
	80	61.3	142.0	30,000*	63.7	141.2	30,000*	66.0	139.5	30,000*	80
	85	59.2	139.0	30,000*	61.6	138.3	30,000*	63.8	136.5	30,000*	85
	90	56.9	135.8	30,000*	59.3	135.1	30,000*	61.5	133.2	29,100*	90
	100	52.3	128.6	30,000*	54.7	127.8	30,000*	56.8	125.8	27,200*	100
	110	47.4	120.0	30,000*	49.7	119.1	29,900*	51.8	117.0	25,500*	110
	120	42.0	109.7	30,000*	44.3	108.7	27,800*	46.3	106.4	24,200*	120
	130	36.0	97.1	28,900*	38.3	96.0	26,000*	40.0	93.3	23,100*	130
	140	29.0	81.1	26,600*	31.1	79.7	24,500*				140
	150	19.7	58.3	24,700*							150

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	30,000*	52.8	132.5	30,000*	54.7	130.4	26,400*	110
	120	45.8	124.2	30,000*	48.0	123.3	29,100*	49.9	121.1	25,000*	120
	130	40.7	113.4	30,000*	42.8	112.4	27,200*	44.5	109.9	23,800*	130
130	140	34.9	100.2	27,800	36.9	99.1	25,600*	38.5	96.2	22,800*	140
	150	28.0	83.5	24,900	30.0	82.1	24,300*				150
	160	19.1	60.0	22,400							160
	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
140	110	53.3	146.1	30,000*	55.3	145.3	30,000*	57.2	143.3	27,300*	110
	120	49.0	137.9	30,000*	51.0	137.1	30,000*	52.9	134.9	25,800*	120
	130	44.4	128.3	30,000*	46.4	127.4	28,500*	48.2	125.0	24,600*	130
	140	39.4	117.0	27,500	41.4	116.0	26,800*	43.0	113.3	23,500*	140
	150	33.8	103.3	24,600	35.7	102.1	24,900				150
	160	27.2	86.0	22,100	29.0	84.5	22,300				160
	170	18.5	61.6	19,900							170
	40	79.5	188.2	30,000*	80.0	186.4	30,000*				40
	45	77.9	187.1	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	30,000*	57.6	157.7	30,000*	59.4	155.7	28,200*	110
	120	51.7	151.0	30,000*	53.6	150.2	30,000*	55.4	148.0	26,600*	120
	130	47.5	142.4	30,000*	49.5	141.5	29,800*	51.2	139.2	25,400*	130
	140	43.1	132.3	27,000	45.0	131.3	27,400	46.6	128.9	24,200*	140
	150	38.3	120.5	24,200	40.1	119.4	24,500	41.6	116.7	23,300*	150
	160	32.8	106.2	21,700	34.6	105.0	21,900				160
	170	26.4	88.3	19,500	28.1	86.8	19,600				170
	180	18.0	63.2	17,500							180

MANITOWOC ENGINEERING CO.

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28'2" CRAWLERS EXTENDED

360 DEGREE RATING

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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	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	30,000*	59.5	169.8	30,000*	61.2	167.8	29,000*	110
	120	54.0	163.6	30,000*	55.9	162.8	30,000*	57.5	160.7	27,400*	120
	130	50.2	155.7	29,800	52.1	154.9	30,000*	53.7	152.6	26,100*	130
	140	46.2	146.6	26,500	48.0	145.7	26,900	49.6	143.4	24,900*	140
	150	41.9	136.1	23,600	43.7	135.1	24,000	45.2	132.6	23,900*	150
	160	37.2	123.8	21,100	39.0	122.7	21,400	40.3	119.9	21,700	160
	170	31.9	109.1	18,900	33.6	107.8	19,100				170
	180	25.7	90.6	16,900	27.3	89.0	17,100				180
	190	17.5	64.7	15,200							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	30,000*	61.2	181.6	30,000*	62.8	179.6	29,700*	110
	120	56.0	175.9	30,000*	57.8	175.1	30,000*	59.4	173.0	28,200*	120
	130	52.5	168.6	29,300	54.3	167.7	29,900	55.9	165.6	26,800*	130
	140	48.9	160.3	26,000	50.6	159.4	26,500	52.1	157.1	25,600*	140
	150	45.0	150.8	23,100	46.7	149.8	23,500	48.2	147.4	23,900	150
	160	40.8	139.9	20,600	42.5	138.8	21,000	43.9	136.2	21,300	160
	170	36.2	127.1	18,400	37.9	126.0	18,700	39.2	123.0	18,900	170
	180	31.1	111.9	16,500	32.7	110.5	16,700				180
	190	25.0	92.8	14,700							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	30,000*	62.7	193.1	30,000*	64.3	191.2	30,000*	110
	120	57.8	187.9	30,000*	59.5	187.1	30,000*	61.1	185.1	28,900*	120
	130	54.6	181.1	28,900	56.3	180.3	29,500	57.8	178.1	27,500*	130
	140	51.2	173.4	25,600	52.9	172.5	26,100	54.3	170.3	26,300*	140
	150	47.6	164.7	22,700	49.3	163.8	23,200	50.7	161.4	23,600	150
	160	43.9	154.8	20,200	45.5	153.8	20,600	46.9	151.3	21,000	160
	170	39.8	143.5	18,100	41.4	142.4	18,400	42.7	139.7	18,700	170
	180	35.3	130.3	16,100	36.9	129.1	16,400	38.1	126.1	16,600	180
	190	30.3	114.6	14,400	31.8	113.2	14,600				190
	200	24.4	94.9	12,800							200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
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	30,000*	64.0	204.5	30,000*	65.6	202.6	30,000*	110
	120	59.4	199.7	30,000*	61.1	198.9	30,000*	62.6	196.8	29,600*	120
	130	56.4	193.3	28,500	58.0	192.5	29,100	59.5	190.4	28,200*	130
	140	53.2	186.1	25,100	54.8	185.3	25,700	56.3	183.1	26,200	140
	150	49.9	178.1	22,300	51.5	177.2	22,700	52.9	174.9	23,200	150
	160	46.5	169.0	19,800	48.0	168.1	20,200	49.4	165.7	20,500	160
	170	42.8	158.8	17,600	44.4	157.7	17,900	45.6	155.2	18,300	170
	180	38.8	147.0	15,600	40.4	145.9	16,000	41.6	143.1	16,200	180
	190	34.5	133.4	13,900	36.0	132.2	14,200				190
	200	29.6	117.2	12,400	31.1	115.8	12,600				200
	210	23.8	97.0	11,000							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	30,000*	65.2	215.8	30,000*	66.7	213.8	30,000*	110
	120	60.9	211.2	30,000*	62.4	210.4	30,000*	63.9	208.4	30,000*	120
	130	58.0	205.3	27,900	59.6	204.4	28,600	61.0	202.3	28,900*	130
	140	55.0	198.5	24,600	56.6	197.7	25,100	58.0	195.5	25,700	140
	150	52.0	191.0	21,700	53.5	190.2	22,200	54.9	187.9	22,700	150
	160	48.8	182.7	19,200	50.3	181.7	19,700	51.6	179.4	20,100	160
	170	45.4	173.2	17,000	46.9	172.2	17,400	48.2	169.8	17,800	170
	180	41.8	162.6	15,100	43.3	161.5	15,400	44.5	158.9	15,700	180
	190	38.0	150.5	13,400	39.4	149.3	13,700	40.5	146.4	13,900	190
	200	33.7	136.4	11,800	35.1	135.2	12,100				200
	210	29.0	119.8	10,400	30.3	118.3	10,600				210
	220	23.3	99.1	9,100							220

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

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BOOM NO. 22E WITH OPEN THROAT TOP

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44,000 LB. CARBODY 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	
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	30,000*	66.3	226.9	30,000*	67.8	225.0	30,000*	110
	120	62.2	222.7	30,000*	63.7	221.9	30,000*	65.1	219.9	30,000*	120
	130	59.5	217.0	27,400	61.0	216.2	28,100	62.4	214.1	28,700	130
	140	56.7	210.7	24,100	58.2	209.8	24,700	59.5	207.7	25,200	140
	150	53.8	203.6	21,200	55.3	202.8	21,700	56.6	200.6	22,200	150
	160	50.8	195.8	18,700	52.3	194.9	19,200	53.6	192.6	19,600	160
	170	47.7	187.1	16,500	49.1	186.1	16,900	50.4	183.7	17,300	170
	180	44.4	177.3	14,600	45.8	176.3	15,000	47.0	173.8	15,300	180
	190	40.9	166.3	12,900	42.3	165.3	13,200	43.5	162.5	13,500	190
210	200	37.1	153.8	11,300	38.5	152.7	11,600	39.6	149.7	11,800	200
	210	33.0	139.4	9,900	34.3	138.1	10,200				210
	220	28.3	122.3	8,600	29.6	120.8	8,800				220
	230	22.8	101.1	7,500							230
	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	30,000*	67.3	238.0	30,000*	68.7	236.0	30,000*	110
	120	63.4	233.9	30,000*	64.8	233.1	30,000*	66.2	231.2	30,000*	120
	130	60.8	228.6	27,000	62.2	227.7	27,700	63.6	225.7	28,400	130
	140	58.2	222.6	23,600	59.6	221.7	24,300	60.9	219.6	24,900	140
	150	55.5	216.0	20,800	56.9	215.1	21,400	58.2	212.9	21,900	150
	160	52.6	208.6	18,300	54.1	207.7	18,800	55.3	205.5	19,300	160
	170	49.7	200.5	16,100	51.1	199.5	16,600	52.3	197.2	17,000	170
	180	46.7	191.4	14,200	48.1	190.4	14,600	49.2	188.0	14,900	180
	190	43.5	181.3	12,500	44.8	180.3	12,800	46.0	177.7	13,100	190
	200	40.1	170.0	10,900	41.4	168.9	11,200	42.5	166.1	11,500	200
	210	36.4	157.1	9,500	37.7	155.9	9,800	38.7	152.9	10,000	210
	220	32.3	142.3	8,200	33.6	141.0	8,500				220
	230	27.8	124.8	7,100	29.0	123.2	7,300				230
	240	22.4	103.0	6,000							240

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JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

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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	
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	30,000*	72.9	256.7	30,000*	74.3	254.8	30,000*	90
	100	69.2	253.8	30,000*	70.6	253.0	30,000*	72.0	251.1	30,000*	100
	110	66.8	249.7	27,600	68.3	248.9	28,800	69.6	247.0	30,000*	110
	120	64.5	245.1	23,000	65.9	244.3	24,100	67.2	242.3	25,200	120
	130	62.0	240.0	19,200	63.4	239.2	20,200	64.7	237.1	21,200	130
	140	59.5	234.3	16,000	60.9	233.5	16,900	62.2	231.4	17,800	140
	150	56.9	228.0	13,300	58.3	227.2	14,100	59.6	225.0	14,800	150
	160	54.3	221.1	10,900	55.7	220.2	11,600	56.9	218.0	12,300	160
	170	51.6	213.5	8,800	52.9	212.5	9,400	54.1	210.2	10,000	170
	180	48.7	205.0	6,900	50.1	204.1	7,500	51.2	201.7	8,000	180
	190	45.7	195.7	5,300	47.1	194.6	5,800	48.2	192.1	6,200	190
	200				43.9	184.2	4,300	45.0	181.5	4,600	200
230	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	30,000*	73.6	267.2	30,000*	74.9	265.3	30,000*	90
	100	70.0	264.5	30,000*	71.4	263.7	30,000*	72.7	261.8	30,000*	100
	110	67.7	260.6	26,900	69.1	259.8	28,200	70.4	257.8	29,400	110
	120	65.5	256.2	22,300	66.8	255.4	23,500	68.1	253.4	24,600	120
	130	63.1	251.3	18,500	64.5	250.5	19,600	65.7	248.5	20,500	130
	140	60.7	245.9	15,300	62.1	245.1	16,200	63.3	243.0	17,100	140
	150	58.3	239.9	12,500	59.6	239.1	13,400	60.8	237.0	14,200	150
	160	55.8	233.4	10,100	57.1	232.5	10,900	58.3	230.3	11,600	160
	170	53.2	226.1	8,000	54.5	225.2	8,700	55.7	223.0	9,300	170
	180	50.5	218.2	6,200	51.8	217.3	6,800	53.0	214.9	7,300	180
	190	47.8	209.5	4,500	49.0	208.5	5,100	50.1	206.0	5,600	190
	200							47.2	196.2	4,000	200
240	55	80.2	287.1	30,000*							55
	60	79.1	286.1	30,000*	80.5	285.4	30,000*				60
	65	78.1	285.1	30,000*	79.4	284.4	30,000*	80.8	282.5	30,000*	65
	70	77.1	284.0	30,000*	78.4	283.2	30,000*	79.7	281.4	30,000*	70
	75	76.0	282.8	30,000*	77.4	282.0	30,000*	78.7	280.1	30,000*	75
	80	75.0	281.4	30,000*	76.3	280.7	30,000*	77.6	278.8	30,000*	80
	85	73.9	280.0	30,000*	75.2	279.3	30,000*	76.5	277.4	30,000*	85
	90	72.9	278.5	30,000*	74.2	277.7	30,000*	75.5	275.8	30,000*	90
	100	70.7	275.1	30,000*	72.1	274.4	30,000*	73.3	272.5	30,000*	100
	110	68.6	271.4	26,300	69.9	270.6	27,600	71.1	268.6	28,900	110
	120	66.4	267.2	21,700	67.7	266.4	22,900	68.9	264.4	24,100	120
	130	64.1	262.5	17,900	65.4	261.7	19,000	66.7	259.7	20,000	130
	140	61.9	257.3	14,700	63.2	256.5	15,700	64.4	254.4	16,600	140
	150	59.5	251.6	11,900	60.8	250.8	12,800	62.0	248.7	13,600	150
	160	57.2	245.4	9,500	58.4	244.5	10,300	59.6	242.4	11,000	160
	170	54.7	238.6	7,400	56.0	237.7	8,100	57.1	235.4	8,800	170
	180	52.2	231.1	5,600	53.4	230.1	6,200	54.6	227.8	6,800	180
	190				50.8	221.9	4,500	51.9	219.5	5,000	190

MANITOWOC ENGINEERING CO.

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MEETS
ANSI B30.5
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888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
250	55	80.5	297.2	30,000*							55
	60	79.5	296.3	30,000*	80.8	295.6	30,000*				60
	65	78.5	295.3	30,000*	79.8	294.6	30,000*				65
	70	77.5	294.2	30,000*	78.8	293.5	30,000*	80.1	291.6	30,000*	70
	75	76.5	293.1	30,000*	77.8	292.3	30,000*	79.1	290.4	30,000*	75
	80	75.5	291.8	30,000*	76.8	291.0	30,000*	78.0	289.2	30,000*	80
	85	74.5	290.4	30,000*	75.8	289.7	30,000*	77.0	287.8	30,000*	85
	90	73.5	289.0	30,000*	74.7	288.2	30,000*	76.0	286.3	30,000*	90
	100	71.4	285.7	30,000*	72.7	285.0	30,000*	73.9	283.0	30,000*	100
	110	69.3	282.1	25,700	70.6	281.3	27,100	71.8	279.4	28,400	110
	120	67.2	278.1	21,100	68.5	277.3	22,400	69.7	275.3	23,600	120
	130	65.1	273.6	17,300	66.4	272.8	18,400	67.5	270.8	19,500	130
	140	62.9	268.6	14,100	64.2	267.8	15,100	65.3	265.8	16,100	140
	150	60.7	263.2	11,300	61.9	262.4	12,300	63.1	260.3	13,100	150
	160	58.4	257.3	8,900	59.7	256.4	9,800	60.8	254.3	10,500	160
	170	56.1	250.8	6,800	57.3	249.9	7,600	58.4	247.7	8,300	170
	180	53.7	243.6	5,000	54.9	242.7	5,700	56.0	240.5	6,300	180
	190							53.5	232.6	4,500	190
260	55	80.8	307.4	30,000*							55
	60	79.8	306.5	30,000*							60
	65	78.9	305.5	30,000*	80.1	304.8	30,000*				65
	70	77.9	304.5	30,000*	79.2	303.7	30,000*	80.4	301.9	30,000*	70
	75	77.0	303.3	30,000*	78.2	302.6	30,000*	79.4	300.7	30,000*	75
	80	76.0	302.1	30,000*	77.2	301.4	30,000*	78.4	299.5	30,000*	80
	85	75.0	300.8	30,000*	76.3	300.0	30,000*	77.5	298.1	30,000*	85
	90	74.0	299.4	30,000*	75.3	298.6	30,000*	76.5	296.7	30,000*	90
	100	72.0	296.3	30,000*	73.3	295.5	30,000*	74.5	293.6	30,000*	100
	110	70.0	292.8	25,000	71.3	292.0	26,500	72.5	290.1	27,900	110
	120	68.0	288.9	20,400	69.2	288.1	21,700	70.4	286.1	23,000	120
	130	66.0	284.6	16,600	67.2	283.8	17,800	68.3	281.8	18,900	130
	140	63.9	279.9	13,400	65.1	279.0	14,500	66.2	277.0	15,500	140
	150	61.7	274.7	10,600	63.0	273.8	11,600	64.1	271.7	12,500	150
	160	59.6	269.0	8,200	60.8	268.1	9,100	61.9	266.0	9,900	160
	170	57.4	262.8	6,100	58.5	261.9	6,900	59.6	259.7	7,700	170
	180	55.1	256.0	4,300	56.3	255.1	5,000	57.3	252.9	5,700	180

MANITOWOC ENGINEERING CO.

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44,000 LB. CARBODY 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
100	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
	35	79.7	158.8	20,000*	80.9	157.1	20,000*				35
	40	77.8	157.8	20,000*	79.0	155.9	20,000*				40
	45	75.9	156.6	20,000*	77.0	154.5	20,000*	80.2	152.7	20,000*	45
	50	73.9	155.2	20,000*	75.1	152.9	20,000*	78.2	151.0	20,000*	50
	55	72.0	153.6	20,000*	73.1	151.1	20,000*	76.2	149.2	20,000*	55
	60	70.0	151.8	20,000*	71.1	149.1	20,000*	74.1	147.2	20,000*	60
	65	68.0	149.8	20,000*	69.0	146.9	20,000*	72.0	145.0	20,000*	65
	70	65.9	147.6	20,000*	66.9	144.5	20,000*	69.9	142.6	20,000*	70
	75	63.9	145.2	20,000*	64.8	141.9	20,000*	67.8	139.9	20,000*	75
	80	61.8	142.6	20,000*	62.7	139.0	20,000*	65.6	137.0	20,000*	80
	85	59.6	139.8	20,000*	60.4	135.8	20,000*	63.3	133.8	20,000*	85
	90	57.4	136.6	20,000*	58.0	132.7	20,000*	61.1	129.6	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
110	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	19,600*							150
	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*	80.8	163.0	20,000*	45
	50	74.9	165.6	20,000*	77.9	164.9	20,000*	78.9	161.5	20,000*	50
	55	73.1	164.1	20,000*	76.0	163.4	20,000*	77.1	159.8	20,000*	55
	60	71.3	162.4	20,000*	74.2	161.7	20,000*	75.2	157.9	20,000*	60
	65	69.4	160.6	20,000*	72.3	159.9	20,000*	73.2	155.9	20,000*	65
	70	67.5	158.6	20,000*	70.4	157.8	20,000*	71.3	153.6	20,000*	70
	75	65.6	156.3	20,000*	68.5	155.6	20,000*	69.3	151.2	20,000*	75
	80	63.6	153.9	20,000*	66.5	153.2	20,000*	67.3	148.5	20,000*	80
	85	61.7	151.3	20,000*	64.5	150.5	20,000*	65.2	145.5	20,000*	85
	90	59.6	148.4	20,000*	62.5	147.6	20,000*	60.9	138.9	20,000*	90
	100	55.5	141.9	20,000*	58.3	141.1	20,000*	56.4	131.1	20,000*	100
	110	51.1	134.3	20,000*	53.9	133.5	20,000*	51.6	121.9	20,000*	110
	120	46.4	125.4	20,000*	49.1	124.5	20,000*	46.3	111.0	19,100*	120
	130	41.2	114.8	20,000*	44.0	113.8	20,000*	40.4	97.6	18,200*	130
	140	35.5	101.9	20,000*	38.2	100.8	20,000*				140
	150	28.9	85.8	20,000*	31.4	84.3	19,300*				150
	160	20.3	63.4	19,600*							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	20,000*	36.9	103.8	20,000*	38.9	100.5	18,000*	150
	160	28.0	88.3	20,000*	30.4	86.7	19,200*				160
	170	19.7	65.1	19,500*							170
130	40	79.8	188.4	20,000*	80.8	186.7	20,000*				40
	45	78.2	187.4	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	20,000*	41.2	120.8	20,000*	43.2	117.8	18,600*	150
	160	33.5	108.1	20,000*	35.8	106.8	20,000*	37.6	103.2	17,900*	160
	170	27.2	90.7	20,000*	29.4	89.1	19,100*				170
	180	19.1	66.8	18,400							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	20,000*	49.0	146.8	20,000*	51.0	144.1	20,000*	140
	150	42.4	137.5	20,000*	44.7	136.4	20,000*	46.7	133.5	19,100*	150
	160	37.7	125.4	20,000*	40.0	124.2	20,000*	41.8	121.0	18,400*	160
	170	32.5	111.0	19,900	34.7	109.6	19,900*				170
	180	26.5	93.0	17,900	28.5	91.4	18,200				180
	190	18.6	68.4	16,200							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	20,000*	51.5	160.4	20,000*	53.5	157.8	20,000*	140
	150	45.4	152.0	20,000*	47.6	151.0	20,000*	49.5	148.2	19,700*	150
	160	41.3	141.3	20,000*	43.4	140.1	20,000*	45.3	137.1	18,900*	160
	170	36.8	128.7	19,300	38.9	127.5	19,700	40.6	124.2	18,200*	170
	180	31.7	113.8	17,400	33.8	112.4	17,700				180
160	190	25.8	95.3	15,600	27.7	93.6	15,800				190
	200	18.1	70.0	14,000							200
	45	79.9	218.0	20,000*							45
	50	78.5	217.0	20,000*	80.8	216.2	20,000*				50
	55	77.2	215.9	20,000*	79.4	215.1	20,000*				55
	60	75.8	214.6	20,000*	78.0	213.9	20,000*	80.2	211.8	20,000*	60
	65	74.4	213.3	20,000*	76.6	212.5	20,000*	78.8	210.4	20,000*	65
	70	73.0	211.8	20,000*	75.2	211.0	20,000*	77.4	208.9	20,000*	70
	75	71.6	210.1	20,000*	73.8	209.4	20,000*	76.0	207.3	20,000*	75
	80	70.1	208.4	20,000*	72.4	207.6	20,000*	74.5	205.5	20,000*	80
	85	68.7	206.5	20,000*	70.9	205.7	20,000*	73.1	203.5	20,000*	85
	90	67.3	204.4	20,000*	69.5	203.6	20,000*	71.6	201.4	20,000*	90
	100	64.3	199.8	20,000*	66.5	199.0	20,000*	68.6	196.8	20,000*	100
	110	61.3	194.6	20,000*	63.4	193.7	20,000*	65.5	191.5	20,000*	110
	120	58.2	188.7	20,000*	60.3	187.8	20,000*	62.3	185.4	20,000*	120
	130	54.9	182.0	20,000*	57.1	181.0	20,000*	59.0	178.6	20,000*	130
	140	51.6	174.4	20,000*	53.7	173.4	20,000*	55.6	170.9	20,000*	140
	150	48.0	165.8	20,000*	50.1	164.8	20,000*	52.0	162.1	20,000*	150
	160	44.3	156.1	20,000*	46.3	155.0	20,000*	48.2	152.1	19,400*	160
	170	40.2	144.9	18,800	42.3	143.8	19,200	44.0	140.7	18,700*	170
	180	35.9	132.0	16,900	37.9	130.7	17,200	39.5	127.2	17,500	180
170	190	30.9	116.6	15,200	32.9	115.1	15,400				190
	200	25.1	97.5	13,600	27.0	95.7	13,800				200
	210	17.7	71.5	12,100							210
	45	80.4	228.1	20,000*							45
	50	79.0	227.2	20,000*							50
	55	77.7	226.1	20,000*	79.9	225.4	20,000*				55
	60	76.4	225.0	20,000*	78.6	224.2	20,000*	80.7	222.1	20,000*	60
	65	75.1	223.7	20,000*	77.2	222.9	20,000*	79.3	220.8	20,000*	65
	70	73.8	222.2	20,000*	75.9	221.4	20,000*	78.0	219.4	20,000*	70
	75	72.4	220.7	20,000*	74.5	219.9	20,000*	76.6	217.8	20,000*	75
	80	71.1	219.0	20,000*	73.2	218.2	20,000*	75.3	216.1	20,000*	80
	85	69.7	217.2	20,000*	71.8	216.4	20,000*	73.9	214.2	20,000*	85
	90	68.3	215.2	20,000*	70.4	214.4	20,000*	72.5	212.3	20,000*	90
	100	65.5	210.9	20,000*	67.6	210.1	20,000*	69.6	207.9	20,000*	100
	110	62.7	206.0	20,000*	64.8	205.1	20,000*	66.7	202.8	20,000*	110
	120	59.7	200.4	20,000*	61.8	199.5	20,000*	63.8	197.2	20,000*	120
	130	56.7	194.1	20,000*	58.8	193.2	20,000*	60.7	190.8	20,000*	130
	140	53.6	187.0	20,000*	55.6	186.1	20,000*	57.5	183.6	20,000*	140
	150	50.3	179.1	20,000*	52.3	178.1	20,000*	54.1	175.5	20,000*	150
	160	46.9	170.2	20,000*	48.9	169.1	20,000*	50.6	166.4	19,900*	160
	170	43.2	160.1	18,400	45.2	158.9	18,900	46.9	156.0	19,200*	170
	180	39.3	148.5	16,500	41.2	147.3	16,900	42.8	144.1	17,200	180
	190	35.0	135.1	14,800	36.9	133.8	15,100	38.4	130.2	15,400	190
	200	30.2	119.3	13,200	32.1	117.8	13,500				200
	210	24.6	99.7	11,800							210
	220	17.3	73.0	10,500							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	
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	20,000*	57.3	198.4	20,000*	59.1	196.0	20,000*	140
	150	52.3	192.0	20,000*	54.3	191.0	20,000*	56.0	188.4	20,000*	150
	160	49.1	183.7	20,000*	51.1	182.7	20,000*	52.8	180.0	20,000*	160
	170	45.8	174.4	18,000	47.7	173.3	18,400	49.3	170.5	18,900	170
	180	42.2	163.9	16,000	44.1	162.8	16,400	45.7	159.7	16,800	180
	190	38.4	152.0	14,300	40.3	150.8	14,700	41.8	147.4	15,000	190
190	200	34.2	138.2	12,700	36.0	136.8	13,100	37.4	133.2	13,300	200
	210	29.5	121.9	11,300	31.3	120.4	11,600				210
	220	24.0	101.8	10,100							220
	230	16.9	74.5	8,900							230
	50	80.0	247.6	20,000*	80.7	245.8	20,000*				50
	55	78.8	246.6	20,000*	79.5	244.7	20,000*				55
	60	77.6	245.5	20,000*	78.3	243.5	20,000*	80.3	241.4	20,000*	60
	65	76.3	244.3	20,000*	77.1	242.2	20,000*	79.0	240.1	20,000*	65
	70	75.1	243.0	20,000*	75.9	240.8	20,000*	77.8	238.7	20,000*	70
	75	73.9	241.6	20,000*	74.6	239.3	20,000*	76.5	237.1	20,000*	75
	80	72.7	240.1	20,000*	73.4	237.6	20,000*	75.3	235.4	20,000*	80
	85	71.4	238.4	20,000*	72.1	235.8	20,000*	74.0	233.7	20,000*	85
	90	70.2	236.7	20,000*	69.6	231.9	20,000*	71.5	229.7	20,000*	90
	100	67.7	232.7	20,000*	67.0	227.4	20,000*	68.8	225.2	20,000*	100
	110	65.1	228.3	20,000*	64.4	222.4	20,000*	66.2	220.1	20,000*	110
	120	62.5	223.3	20,000*	61.7	216.8	20,000*	63.4	214.4	20,000*	120
	130	59.8	217.7	20,000*	58.9	210.5	20,000*	60.6	208.1	20,000*	130
	140	57.0	211.5	20,000*	56.0	203.6	20,000*	57.7	201.0	20,000*	140
	150	54.1	204.5	20,000*	53.0	195.8	20,000*	54.7	193.1	20,000*	150
	160	51.1	196.8	19,600	49.9	187.1	17,900	51.5	184.4	18,400	160
	170	48.0	188.2	17,400	46.6	177.4	15,900	48.2	174.5	16,300	170
	180	44.8	178.5	15,500	43.1	166.5	14,100	44.6	163.4	14,500	180
	190	41.3	167.7	13,700	39.3	154.1	12,500	40.8	150.7	12,800	190
	200	37.6	155.4	12,200	35.2	139.8	11,100				200
	210	33.5	141.2	10,800	30.6	122.9	9,700				210
	220	28.9	124.5	9,500							220
	230	23.5	103.9	8,300							230

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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	
200	50	80.4	257.7	20,000*							50
	55	79.2	256.8	20,000*							55
	60	78.1	255.8	20,000*							60
	65	76.9	254.6	20,000*	79.9	255.0	20,000*	80.7	251.7	20,000*	65
	70	75.7	253.4	20,000*	78.8	253.8	20,000*	79.5	250.4	20,000*	70
	75	74.6	252.0	20,000*	77.6	252.6	20,000*	78.3	249.1	20,000*	75
	80	73.4	250.6	20,000*	76.4	251.2	20,000*	77.1	247.6	20,000*	80
	85	72.2	249.0	20,000*	75.3	249.7	20,000*	75.9	246.0	20,000*	85
	90	71.0	247.3	20,000*	74.1	248.2	20,000*	74.7	244.3	20,000*	90
	100	68.6	243.5	20,000*	72.9	246.5	20,000*	72.2	240.5	20,000*	100
	110	66.1	239.3	20,000*	70.4	242.7	20,000*	69.8	236.2	20,000*	110
	120	63.6	234.5	20,000*	68.0	238.4	20,000*	67.2	231.4	20,000*	120
	130	61.1	229.2	20,000*	65.5	233.7	20,000*	64.6	226.0	20,000*	130
	140	58.4	223.3	20,000*	62.9	228.3	20,000*	62.0	220.0	20,000*	140
	150	55.7	216.8	20,000*	60.3	222.4	20,000*	59.2	213.3	20,000*	150
	160	53.0	209.5	19,100	57.5	215.8	20,000*	56.4	205.9	20,000*	160
	170	50.0	201.5	16,900	54.7	208.5	19,700	53.4	197.7	18,000	170
	180	47.0	192.5	15,000	51.8	200.5	17,500	50.3	188.6	15,900	180
	190	43.8	182.6	13,200	48.8	191.5	15,500	47.1	178.4	14,100	190
	200	40.4	171.4	11,700	45.6	181.5	13,700	43.6	167.0	12,400	200
210	50	80.7	267.9	20,000*							50
	55	79.6	267.0	20,000*							55
	60	78.5	266.0	20,000*							60
	65	77.4	264.9	20,000*	80.3	265.2	20,000*	81.0	261.9	20,000*	65
	70	76.3	263.7	20,000*	79.2	264.1	20,000*	79.9	260.7	20,000*	70
	75	75.2	262.4	20,000*	78.1	262.9	20,000*	78.8	259.4	20,000*	75
	80	74.0	261.0	20,000*	77.0	261.6	20,000*	77.6	258.0	20,000*	80
	85	72.9	259.5	20,000*	75.8	260.2	20,000*	76.5	256.5	20,000*	85
	90	71.8	257.9	20,000*	74.7	258.7	20,000*	75.3	254.8	20,000*	90
	100	69.4	254.3	20,000*	73.5	257.0	20,000*	73.0	251.2	20,000*	100
	110	67.1	250.2	20,000*	71.2	253.4	20,000*	70.6	247.1	20,000*	110
	120	64.7	245.7	20,000*	68.9	249.4	20,000*	68.2	242.5	20,000*	120
	130	62.3	240.6	20,000*	66.5	244.8	20,000*	65.7	237.4	20,000*	130
	140	59.8	235.0	17,200	64.0	239.7	20,000*	63.2	231.7	19,300	140
	150	57.2	228.8	14,400	61.5	234.1	18,300	60.6	225.4	16,300	150
	160	54.6	222.0	12,000	59.0	227.9	15,400	57.9	218.4	13,700	160
	170	51.9	214.4	9,900	56.3	221.0	12,900	55.1	210.7	11,400	170
	180	49.0	206.1	8,100	53.6	213.4	10,700	52.2	202.2	9,400	180
	190	46.1	196.8	6,400	50.7	205.0	8,800	49.2	192.8	7,600	190
	200	42.9	186.5	4,900	47.7	195.7	7,100	46.0	182.3	6,000	200
220	55	80.0	277.1	20,000*	44.6	185.4	5,500	42.6	170.4	4,500	210
	60	78.9	276.2	20,000*	41.3	173.8	4,100				220
	65	77.9	275.1	20,000*							230
	70	76.8	274.0	20,000*	80.7	275.4	20,000*				240
	75	75.7	272.7	20,000*	79.6	274.3	20,000*	80.3	271.0	20,000*	250
	80	74.6	271.4	20,000*	78.5	273.2	20,000*	79.2	269.7	20,000*	260
	85	73.5	269.9	20,000*	77.5	271.9	20,000*	78.1	268.4	20,000*	270
	90	72.4	268.4	20,000*	76.4	270.6	20,000*	77.0	266.9	20,000*	280
	100	70.2	264.9	20,000*	75.3	269.1	20,000*	75.9	265.3	20,000*	290
	110	68.0	261.1	20,000*	74.2	267.5	20,000*	73.6	261.9	20,000*	300
	120	65.7	256.7	20,000*	71.9	264.1	20,000*	71.4	257.9	20,000*	310
	130	63.4	251.9	19,800	69.7	260.2	20,000*	69.0	253.5	20,000*	320
	140	61.0	246.6	16,500	67.4	255.9	20,000*	66.7	248.6	20,000*	330
	150	58.6	240.7	13,800	65.1	251.0	20,000*	64.3	243.2	18,700	340
	160	56.1	234.2	11,400	62.7	245.6	17,700	61.8	237.3	15,700	350
	170	53.5	227.0	9,300	60.2	239.7	14,800	59.3	230.7	13,100	360
	180	50.8	219.2	7,400	57.7	233.2	12,300	56.7	223.4	10,800	370
	190	48.1	210.5	5,800	55.1	226.0	10,100	53.9	215.4	8,800	380
	200	45.2	201.0	4,300	49.7	209.5	6,400	51.1	206.6	7,000	390
					46.8	199.9	4,900	48.2	196.9	5,400	400

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
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	20,000*	70.5	271.0	20,000*	72.1	268.7	20,000*	110
	120	66.6	267.7	20,000*	68.3	266.8	20,000*	69.8	264.5	20,000*	120
	130	64.4	263.1	19,000	66.0	262.2	20,000*	67.6	259.8	20,000*	130
	140	62.1	258.0	15,800	63.7	257.1	17,000	65.3	254.6	18,100	140
	150	59.8	252.3	13,000	61.4	251.4	14,100	62.9	249.0	15,100	150
	160	57.4	246.2	10,600	59.0	245.2	11,600	60.5	242.7	12,500	160
	170	55.0	239.4	8,500	56.6	238.4	9,400	58.0	235.8	10,200	170
	180	52.5	232.0	6,600	54.1	231.0	7,400	55.5	228.3	8,200	180
	190	49.9	223.9	5,000	51.4	222.8	5,700	52.8	220.0	6,400	190
	200				48.7	213.8	4,200	50.1	210.9	4,700	200
240	55	80.7	297.5	20,000*							55
	60	79.7	296.6	20,000*							60
	65	78.7	295.6	20,000*	80.3	294.8	20,000*				65
	70	77.7	294.5	20,000*	79.3	293.7	20,000*	81.0	291.5	20,000*	70
	75	76.7	293.4	20,000*	78.3	292.5	20,000*	79.9	290.3	20,000*	75
	80	75.7	292.1	20,000*	77.3	291.3	20,000*	78.9	289.1	20,000*	80
	85	74.7	290.8	20,000*	76.3	289.9	20,000*	77.9	287.7	20,000*	85
	90	73.7	289.3	20,000*	75.3	288.5	20,000*	76.9	286.2	20,000*	90
	100	71.6	286.1	20,000*	73.2	285.3	20,000*	74.8	283.0	20,000*	100
	110	69.6	282.6	20,000*	71.2	281.7	20,000*	72.7	279.4	20,000*	110
	120	67.4	278.6	20,000*	69.0	277.7	20,000*	70.6	275.4	20,000*	120
	130	65.3	274.1	18,400	66.9	273.3	19,800	68.4	270.9	20,000*	130
	140	63.1	269.3	15,200	64.7	268.3	16,400	66.2	265.9	17,600	140
	150	60.9	263.9	12,400	62.5	263.0	13,500	64.0	260.5	14,600	150
	160	58.7	258.0	10,000	60.2	257.0	11,000	61.7	254.5	12,000	160
	170	56.3	251.6	7,900	57.9	250.6	8,800	59.3	248.0	9,700	170
	180	54.0	244.5	6,000	55.5	243.5	6,900	56.9	240.9	7,600	180
	190	51.5	236.8	4,400	53.0	235.8	5,100	54.4	233.0	5,800	190
	200							51.8	224.5	4,200	200
250	55	81.0	307.6	20,000*							55
	60	80.0	306.7	20,000*							60
	65	79.1	305.8	20,000*	80.7	305.0	20,000*				65
	70	78.1	304.8	20,000*	79.7	303.9	20,000*				70
	75	77.2	303.6	20,000*	78.7	302.8	20,000*	80.3	300.6	20,000*	75
	80	76.2	302.4	20,000*	77.8	301.6	20,000*	79.3	299.4	20,000*	80
	85	75.2	301.1	20,000*	76.8	300.3	20,000*	78.3	298.1	20,000*	85
	90	74.2	299.7	20,000*	75.8	298.9	20,000*	77.3	296.7	20,000*	90
	100	72.3	296.7	20,000*	73.8	295.8	20,000*	75.3	293.6	20,000*	100
	110	70.3	293.2	20,000*	71.8	292.4	20,000*	73.3	290.1	20,000*	110
	120	68.2	289.4	20,000*	69.8	288.5	20,000*	71.3	286.2	20,000*	120
	130	66.2	285.1	17,800	67.7	284.2	19,200	69.2	281.9	20,000*	130
	140	64.1	280.4	14,600	65.6	279.5	15,900	67.1	277.1	17,100	140
	150	62.0	275.3	11,800	63.5	274.4	13,000	64.9	271.9	14,100	150
	160	59.8	269.7	9,400	61.3	268.7	10,500	62.7	266.2	11,400	160
	170	57.6	263.5	7,300	59.1	262.6	8,300	60.5	260.0	9,200	170
	180	55.3	256.8	5,400	56.8	255.8	6,300	58.2	253.2	7,100	180
	190				54.5	248.5	4,600	55.8	245.8	5,300	190

MANITOWOC ENGINEERING CO.

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179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
260	60	80.4	316.9	20,000*							60
	65	79.4	316.0	20,000*	81.0	315.1	20,000*				65
	70	78.5	315.0	20,000*	80.0	314.1	20,000*				70
	75	77.6	313.9	20,000*	79.1	313.1	20,000*	80.6	310.8	20,000*	75
	80	76.6	312.7	20,000*	78.2	311.9	20,000*	79.7	309.7	20,000*	80
	85	75.7	311.5	20,000*	77.2	310.6	20,000*	78.7	308.4	20,000*	85
	90	74.7	310.1	20,000*	76.3	309.3	20,000*	77.7	307.0	20,000*	90
	100	72.8	307.2	20,000*	74.3	306.3	20,000*	75.8	304.0	20,000*	100
	110	70.9	303.8	20,000*	72.4	303.0	20,000*	73.9	300.7	20,000*	110
	120	69.0	300.1	20,000*	70.5	299.3	20,000*	71.9	296.9	20,000*	120
	130	67.0	296.0	17,200	68.5	295.2	18,600	69.9	292.8	20,000*	130
	140	65.0	291.5	13,900	66.5	290.6	15,200	67.9	288.2	16,500	140
	150	62.9	286.6	11,100	64.4	285.7	12,400	65.8	283.2	13,500	150
	160	60.9	281.2	8,700	62.3	280.3	9,800	63.7	277.8	10,900	160
	170	58.7	275.3	6,600	60.2	274.4	7,600	61.6	271.8	8,600	170
	180	56.6	268.9	4,800	58.0	268.0	5,700	59.4	265.3	6,500	180
	190							57.1	258.3	4,700	190

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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	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

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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	40	79.5	188.4	10,000*							40
	45	77.9	187.4	10,000*							45
	50	76.3	186.2	10,000*	79.5	185.6	10,000*				50
	55	74.7	184.9	10,000*	77.9	184.3	10,000*				55
	60	73.1	183.5	10,000*	76.2	182.8	10,000*	79.4	180.8	10,000*	60
	65	71.5	181.9	10,000*	74.6	181.2	10,000*	77.7	179.1	10,000*	65
	70	69.8	180.1	10,000*	72.9	179.4	10,000*	76.0	177.3	10,000*	70
	75	68.1	178.2	10,000*	71.2	177.5	10,000*	74.3	175.4	10,000*	75
	80	66.4	176.0	10,000*	69.5	175.3	10,000*	72.6	173.2	10,000*	80
	85	64.7	173.8	10,000*	67.8	173.0	10,000*	70.9	170.9	10,000*	85
	90	63.0	171.3	10,000*	66.1	170.6	10,000*	69.1	168.4	10,000*	90
	100	59.4	165.8	10,000*	62.5	165.0	10,000*	65.5	162.7	10,000*	100
	110	55.7	159.4	10,000*	58.8	158.6	10,000*	61.7	156.2	10,000*	110
	120	51.8	152.0	10,000*	54.9	151.1	10,000*	57.7	148.7	10,000*	120
	130	47.7	143.5	10,000*	50.7	142.6	10,000*	53.5	139.9	10,000*	130
	140	43.3	133.6	10,000*	46.3	132.6	10,000*	49.0	129.8	10,000*	140
	150	38.5	122.0	10,000*	41.5	120.9	10,000*	44.0	117.8	10,000*	150
	160	33.2	108.1	10,000*	36.1	106.9	10,000*	38.4	103.2	10,000*	160
	170	26.9	90.7	10,000*	29.7	89.2	10,000*				170
	180	18.8	66.8	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	10,000*							200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
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	10,000*	27.3	95.9	10,000*				200
	210	17.4	71.5	10,000*							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	10,000*	37.2	133.9	10,000*	39.1	130.1	10,000*	190
	200	30.0	119.3	10,000*	32.3	117.9	10,000*				200
	210	24.3	99.7	10,000*	26.6	98.0	10,000*				210
	220	17.0	73.1	10,000*							220

MANITOWOC ENGINEERING CO.

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28'2" CRAWLERS EXTENDED

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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	10,000*	40.5	150.9	10,000*	42.4	147.3	10,000*	190
180	200	34.0	138.2	10,000*	36.3	137.0	10,000*	38.1	133.0	10,000*	200
	210	29.3	122.0	10,000*	31.5	120.5	10,000*				210
	220	23.8	101.8	10,000*	25.9	100.0	10,000*				220
	230	16.7	74.5	9,600							230
	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	10,000*	43.3	166.6	10,000*	45.2	163.3	10,000*	190
240	200	37.4	155.4	10,000*	39.6	154.2	10,000*	41.4	150.6	10,000*	200
	210	33.3	141.3	10,000*	35.4	139.9	10,000*	37.1	135.9	10,000*	210
	220	28.7	124.5	10,000*	30.8	123.0	10,000*				220
	230	23.3	103.9	9,100							230
	240	16.3	76.0	8,100							240

MANITOWOC ENGINEERING CO.

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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	
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	10,000*	49.0	191.5	10,000*	50.9	188.5	10,000*	180
	190	43.6	182.6	10,000*	45.8	181.5	10,000*	47.6	178.3	10,000*	190
	200	40.2	171.4	10,000*	42.4	170.3	10,000*	44.2	166.8	10,000*	200
	210	36.6	158.8	10,000*	38.7	157.5	10,000*	40.4	153.8	10,000*	210
	220	32.6	144.2	9,700	34.7	142.8	10,000*	36.2	138.6	10,000*	220
	230	28.1	127.0	8,600	30.1	125.5	8,800				230
	240	22.8	105.9	7,500							240
	250	16.0	77.4	6,500							250
200	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
	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	10,000*	59.1	227.9	10,000*	61.1	225.3	10,000*	150
	160	54.4	222.0	10,000*	56.5	221.1	10,000*	58.5	218.3	10,000*	160
	170	51.7	214.4	10,000*	53.8	213.5	10,000*	55.7	210.6	10,000*	170
	180	48.8	206.1	8,900	50.9	205.1	9,700	52.8	202.1	10,000*	180
	190	45.9	196.8	7,200	47.9	195.8	7,900	49.8	192.7	8,600	190
	200	42.8	186.5	5,700	44.8	185.4	6,400	46.6	182.1	7,000	200
	210	39.4	175.0	4,400	41.5	173.9	5,000	43.2	170.3	5,500	210
	220							39.5	156.9	4,100	220

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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	
210	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
	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	10,000*	60.4	239.8	10,000*	62.4	237.1	10,000*	150
	160	55.9	234.2	10,000*	57.9	233.3	10,000*	59.8	230.5	10,000*	160
	170	53.3	227.1	10,000*	55.3	226.1	10,000*	57.2	223.3	10,000*	170
	180	50.6	219.2	8,300	52.7	218.2	9,200	54.5	215.3	9,900	180
	190	47.9	210.6	6,600	49.9	209.5	7,400	51.7	206.5	8,100	190
	200	45.0	201.0	5,200	47.0	199.9	5,900	48.7	196.7	6,500	200
	210				43.9	189.3	4,500	45.6	185.9	5,000	210
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	10,000*	63.9	257.1	10,000*	65.8	254.5	10,000*	140
	150	59.6	252.4	10,000*	61.6	251.5	10,000*	63.5	248.8	10,000*	150
	160	57.2	246.2	10,000*	59.2	245.3	10,000*	61.1	242.6	10,000*	160
	170	54.8	239.4	9,500	56.8	238.5	10,000*	58.6	235.7	10,000*	170
	180	52.3	232.0	7,600	54.2	231.0	8,500	56.0	228.1	9,400	180
	190	49.7	223.9	6,000	51.6	222.9	6,800	53.4	219.9	7,500	190
	200	47.0	214.9	4,500	48.9	213.9	5,200	50.6	210.8	5,900	200
	210							47.7	200.7	4,400	210
230	55	80.5	297.5	10,000*							55
	60	79.5	296.6	10,000*							60
	65	78.5	295.6	10,000*	80.5	294.8	10,000*				65
	70	77.5	294.5	10,000*	79.5	293.7	10,000*				70
	75	76.5	293.4	10,000*	78.5	292.6	10,000*	80.5	290.2	10,000*	75
	80	75.5	292.1	10,000*	77.5	291.3	10,000*	79.4	288.9	10,000*	80
	85	74.5	290.8	10,000*	76.5	290.0	10,000*	78.4	287.6	10,000*	85
	90	73.5	289.3	10,000*	75.5	288.5	10,000*	77.4	286.1	10,000*	90
	100	71.5	286.2	10,000*	73.4	285.3	10,000*	75.3	282.9	10,000*	100
	110	69.4	282.6	10,000*	71.3	281.8	10,000*	73.2	279.3	10,000*	110
	120	67.3	278.6	10,000*	69.2	277.7	10,000*	71.1	275.3	10,000*	120
	130	65.1	274.2	10,000*	67.1	273.3	10,000*	68.9	270.8	10,000*	130
	140	63.0	269.3	10,000*	64.9	268.4	10,000*	66.7	265.8	10,000*	140
	150	60.8	263.9	10,000*	62.7	263.0	10,000*	64.5	260.4	10,000*	150
	160	58.5	258.0	10,000*	60.4	257.1	10,000*	62.2	254.4	10,000*	160
	170	56.2	251.6	8,700	58.1	250.6	9,800	59.8	247.9	10,000*	170
	180	53.8	244.5	6,800	55.7	243.6	7,800	57.4	240.7	8,700	180
	190	51.3	236.9	5,200	53.2	235.9	6,100	54.9	232.9	6,900	190
	200				50.6	227.4	4,500	52.3	224.3	5,200	200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 2

NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY 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	
240	55	80.8	307.6	10,000*							55
	60	79.9	306.7	10,000*							60
	65	78.9	305.8	10,000*	80.8	305.0	10,000*				65
	70	78.0	304.8	10,000*	79.9	304.0	10,000*				70
	75	77.0	303.6	10,000*	78.9	302.9	10,000*	80.8	300.5	10,000*	75
	80	76.0	302.4	10,000*	77.9	301.6	10,000*	79.8	299.3	10,000*	80
	85	75.0	301.1	10,000*	76.9	300.3	10,000*	78.8	297.9	10,000*	85
	90	74.1	299.7	10,000*	76.0	298.9	10,000*	77.8	296.5	10,000*	90
	100	72.1	296.7	10,000*	74.0	295.9	10,000*	75.8	293.4	10,000*	100
	110	70.1	293.2	10,000*	72.0	292.4	10,000*	73.8	289.9	10,000*	110
	120	68.1	289.4	10,000*	69.9	288.6	10,000*	71.8	286.1	10,000*	120
	130	66.0	285.1	10,000*	67.9	284.3	10,000*	69.7	281.8	10,000*	130
	140	63.9	280.5	10,000*	65.8	279.6	10,000*	67.6	277.0	10,000*	140
	150	61.8	275.3	10,000*	63.7	274.4	10,000*	65.4	271.8	10,000*	150
	160	59.6	269.7	10,000*	61.5	268.8	10,000*	63.2	266.1	10,000*	160
	170	57.4	263.5	8,100	59.3	262.6	9,200	61.0	259.9	10,000*	170
250	180	55.2	256.8	6,200	57.0	255.9	7,200	58.7	253.1	8,200	180
	190	52.8	249.5	4,600	54.6	248.6	5,500	56.3	245.6	6,300	190
	200							53.8	237.6	4,700	200
	60	80.2	316.9	10,000*							60
	65	79.3	316.0	10,000*							65
	70	78.3	315.0	10,000*	80.2	314.2	10,000*				70
	75	77.4	313.9	10,000*	79.3	313.1	10,000*				75
	80	76.5	312.7	10,000*	78.3	311.9	10,000*	80.1	309.5	10,000*	80
	85	75.5	311.5	10,000*	77.4	310.7	10,000*	79.2	308.3	10,000*	85
	90	74.6	310.1	10,000*	76.4	309.3	10,000*	78.2	306.9	10,000*	90
	100	72.7	307.2	10,000*	74.5	306.4	10,000*	76.3	303.9	10,000*	100
	110	70.8	303.9	10,000*	72.6	303.0	10,000*	74.4	300.6	10,000*	110
	120	68.8	300.2	10,000*	70.6	299.3	10,000*	72.4	296.8	10,000*	120
	130	66.8	296.1	10,000*	68.6	295.2	10,000*	70.4	292.7	10,000*	130
	140	64.8	291.6	10,000*	66.6	290.7	10,000*	68.4	288.1	10,000*	140
	150	62.8	286.6	10,000*	64.6	285.7	10,000*	66.3	283.1	10,000*	150
	160	60.7	281.2	9,600	62.5	280.3	10,000*	64.2	277.6	10,000*	160
260	170	58.6	275.3	7,500	60.4	274.4	8,600	62.0	271.7	9,700	170
	180	56.4	268.9	5,600	58.2	268.0	6,700	59.8	265.2	7,700	180
	190	54.2	262.0	4,000	56.0	261.0	4,900	57.6	258.1	5,800	190
	200							55.3	250.5	4,200	200
	60	80.5	327.0	10,000*							60
	65	79.6	326.2	10,000*							65
	70	78.7	325.2	10,000*	80.5	324.4	10,000*				70
	75	77.8	324.1	10,000*	79.6	323.3	10,000*				75
	80	76.9	323.0	10,000*	78.7	322.2	10,000*	80.5	319.8	10,000*	80
	85	76.0	321.8	10,000*	77.8	321.0	10,000*	79.5	318.6	10,000*	85
	90	75.1	320.5	10,000*	76.8	319.7	10,000*	78.6	317.3	10,000*	90
	100	73.2	317.6	10,000*	75.0	316.8	10,000*	76.7	314.4	10,000*	100
	110	71.4	314.4	10,000*	73.1	313.6	10,000*	74.9	311.1	10,000*	110
	120	69.5	310.9	10,000*	71.2	310.0	10,000*	73.0	307.5	10,000*	120
	130	67.6	306.9	10,000*	69.3	306.1	10,000*	71.0	303.5	10,000*	130
	140	65.7	302.6	10,000*	67.4	301.7	10,000*	69.1	299.1	10,000*	140
	150	63.7	297.8	10,000*	65.4	296.9	10,000*	67.1	294.3	10,000*	150
	160	61.7	292.6	8,900	63.4	291.7	10,000*	65.1	289.1	10,000*	160
	170	59.7	287.0	6,800	61.4	286.1	8,000	63.0	283.4	9,100	170
	180	57.6	280.9	4,900	59.3	279.9	6,000	60.9	277.2	7,100	180
	190				57.2	273.3	4,300	58.8	270.4	5,200	190