

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

OFFSET 4-1/2 DEGREES

179,100 LB. CRANE COUNTERWEIGHT

44,000 LB. CARBODY COUNTERWEIGHT

28'2" CRAWLERS EXTENDED

360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7795-B. 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'	---
(a) 280'	---	(a) 280'	---	250'	---	230'	30'
270'	---	270'	---	240'	50'	220'	60'
260'	50'	260'	50'	230'	60'		
250'	60'	250'	60'				
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 290' AND 280' BOOM AND CANNOT BE LIFTED OVER 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.							

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'	40'	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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OFFSET 4-1/2 DEGREES

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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	
90	35	79.1	128.0	40,000*							35
	40	76.7	126.7	40,000*	79.0	126.0	40,000*				40
	45	74.3	125.1	40,000*	76.5	124.4	40,000*	78.7	123.0	40,000*	45
	50	71.8	123.3	40,000*	74.1	122.6	40,000*	76.2	121.2	40,000*	50
	55	69.3	121.2	40,000*	71.5	120.5	40,000*	73.7	119.1	40,000*	55
	60	66.7	118.8	40,000*	69.0	118.2	40,000*	71.1	116.7	40,000*	60
	65	64.1	116.2	40,000*	66.3	115.5	40,000*	68.4	114.0	40,000*	65
	70	61.4	113.3	40,000*	63.6	112.6	40,000*	65.7	111.0	40,000*	70
	75	58.6	110.0	40,000*	60.8	109.3	40,000*	62.8	107.7	38,700*	75
	80	55.8	106.4	40,000*	58.0	105.6	40,000*	59.9	104.0	37,200*	80
	85	52.8	102.4	40,000*	55.0	101.6	40,000*	56.8	99.8	35,800*	85
	90	49.7	97.9	40,000*	51.8	97.1	40,000*	53.6	95.2	34,600*	90
100	40	42.9	87.2	40,000*	45.0	86.3	37,000*	46.6	84.2	32,500*	100
	110	35.0	73.4	37,700*	36.9	72.2	34,400*				110
	120	24.7	53.5	34,500*							120
110	35	79.9	138.3	40,000*							35
	40	77.7	137.1	40,000*	79.8	136.4	40,000*				40
	45	75.5	135.6	40,000*	77.6	134.9	40,000*	79.6	133.5	40,000*	45
	50	73.2	133.9	40,000*	75.3	133.2	40,000*	77.3	131.8	40,000*	50
	55	70.9	132.0	40,000*	73.0	131.3	40,000*	75.0	129.8	40,000*	55
	60	68.6	129.9	40,000*	70.7	129.2	40,000*	72.6	127.7	40,000*	60
	65	66.2	127.5	40,000*	68.3	126.8	40,000*	70.2	125.2	40,000*	65
	70	63.8	124.8	40,000*	65.8	124.1	40,000*	67.7	122.5	40,000*	70
	75	61.3	121.9	40,000*	63.3	121.2	40,000*	65.2	119.6	40,000*	75
	80	58.8	118.7	40,000*	60.8	117.9	40,000*	62.6	116.3	38,600*	80
	85	56.1	115.1	40,000*	58.1	114.3	40,000*	59.9	112.6	37,200*	85
	90	53.4	111.2	40,000*	55.4	110.4	40,000*	57.1	108.6	35,900*	90
120	100	47.6	102.1	40,000*	49.5	101.2	39,000*	51.1	99.2	33,700*	100
	110	41.1	90.8	38,800*	43.0	89.7	36,200*	44.4	87.5	32,000*	110
	120	33.5	76.2	35,500*	35.3	74.9	34,000*				120
	130	23.6	55.4	31,600							130
130	35	80.6	148.5	40,000*							35
	40	78.6	147.4	40,000*	80.6	146.7	40,000*				40
	45	76.5	146.0	40,000*	78.5	145.3	40,000*	80.4	143.9	40,000*	45
	50	74.4	144.5	40,000*	76.4	143.8	40,000*	78.3	142.3	40,000*	50
	55	72.3	142.7	40,000*	74.3	142.0	40,000*	76.1	140.5	40,000*	55
	60	70.2	140.8	40,000*	72.1	140.0	40,000*	74.0	138.5	40,000*	60
	65	68.0	138.6	40,000*	69.9	137.8	40,000*	71.7	136.3	40,000*	65
	70	65.8	136.2	40,000*	67.7	135.4	40,000*	69.5	133.8	40,000*	70
	75	63.5	133.5	40,000*	65.4	132.7	40,000*	67.2	131.1	40,000*	75
	80	61.2	130.6	40,000*	63.1	129.8	40,000*	64.8	128.1	39,900*	80
	85	58.8	127.4	40,000*	60.7	126.6	40,000*	62.4	124.9	38,500*	85
	90	56.4	123.9	40,000*	58.3	123.0	40,000*	59.9	121.3	37,200*	90
140	100	51.3	115.8	40,000*	53.1	114.9	40,000*	54.7	113.0	34,900*	100
	110	45.7	106.1	39,900	47.5	105.1	38,100*	48.9	103.0	33,100*	110
	120	39.5	94.1	35,100	41.2	93.0	35,400	42.5	90.6	31,600*	120
	130	32.2	78.8	31,200	33.8	77.5	31,400				130
	140	22.7	57.1	27,700							140
150	40	79.3	157.7	40,000*							40
	45	77.4	156.4	40,000*	79.3	155.7	40,000*				45
	50	75.5	155.0	40,000*	77.3	154.2	40,000*	79.1	152.7	40,000*	50
	55	73.5	153.3	40,000*	75.4	152.6	40,000*	77.1	151.1	40,000*	55
	60	71.5	151.5	40,000*	73.4	150.8	40,000*	75.1	149.2	40,000*	60
	65	69.5	149.5	40,000*	71.3	148.8	40,000*	73.0	147.2	40,000*	65
	70	67.5	147.3	40,000*	69.3	146.5	40,000*	71.0	144.9	40,000*	70
	75	65.4	144.8	40,000*	67.2	144.1	40,000*	68.8	142.4	40,000*	75
	80	63.3	142.1	40,000*	65.1	141.4	40,000*	66.7	139.7	40,000*	80
	85	61.1	139.2	40,000*	62.9	138.4	40,000*	64.5	136.7	39,700*	85
	90	58.9	136.0	40,000*	60.7	135.2	40,000*	62.2	133.5	38,400*	90
	100	54.3	128.8	40,000*	56.0	127.9	40,000*	57.5	126.1	36,100*	100
160	110	49.4	120.2	39,500	51.1	119.3	39,900	52.5	117.3	34,200*	110
	120	44.0	109.9	34,700	45.7	108.9	35,000	47.0	106.7	32,600*	120
	130	38.1	97.4	30,800	39.6	96.2	31,000				130
	140	31.0	81.4	27,400	32.5	80.0	27,600				140
	150	21.8	58.8	24,400							150

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28'2" CRAWLERS EXTENDED

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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	
130	40	80.0	167.9	40,000*							40
	45	78.2	166.7	40,000*	79.9	166.0	40,000*				45
	50	76.4	165.4	40,000*	78.1	164.6	40,000*	79.8	163.1	40,000*	50
	55	74.6	163.9	40,000*	76.3	163.1	40,000*	77.9	161.6	40,000*	55
	60	72.7	162.2	40,000*	74.4	161.4	40,000*	76.1	159.9	40,000*	60
	65	70.8	160.3	40,000*	72.6	159.5	40,000*	74.2	158.0	40,000*	65
	70	69.0	158.2	40,000*	70.6	157.5	40,000*	72.2	155.9	40,000*	70
	75	67.0	156.0	40,000*	68.7	155.2	40,000*	70.3	153.6	40,000*	75
	80	65.1	153.5	40,000*	66.8	152.7	40,000*	68.3	151.0	40,000*	80
	85	63.1	150.8	40,000*	64.8	150.0	40,000*	66.3	148.3	40,000*	85
	90	61.1	147.9	40,000*	62.7	147.1	40,000*	64.2	145.3	39,500*	90
	100	56.9	141.3	40,000*	58.5	140.4	40,000*	59.9	138.6	37,200*	100
	110	52.4	133.5	39,200	54.0	132.6	39,600	55.4	130.7	35,200*	110
	120	47.7	124.5	34,500	49.3	123.5	34,800	50.5	121.4	33,500*	120
140	130	42.5	113.6	30,500	44.1	112.6	30,800	45.2	110.2	31,000	130
	140	36.8	100.5	27,100	38.2	99.3	27,400				140
	150	30.0	83.9	24,200	31.3	82.3	24,400				150
150	40	80.6	178.1	40,000*							40
	45	78.9	177.0	40,000*	80.5	176.3	40,000*				45
	50	77.2	175.7	40,000*	78.8	175.0	40,000*	80.4	173.5	40,000*	50
	55	75.5	174.3	40,000*	77.1	173.6	40,000*	78.7	172.0	40,000*	55
	60	73.8	172.7	40,000*	75.4	172.0	40,000*	76.9	170.4	40,000*	60
	65	72.0	171.0	40,000*	73.6	170.2	40,000*	75.1	168.6	40,000*	65
	70	70.2	169.0	40,000*	71.8	168.3	40,000*	73.3	166.7	40,000*	70
	75	68.4	166.9	40,000*	70.0	166.2	40,000*	71.5	164.5	40,000*	75
	80	66.6	164.6	40,000*	68.2	163.8	40,000*	69.7	162.2	40,000*	80
	85	64.8	162.1	40,000*	66.4	161.3	40,000*	67.8	159.6	40,000*	85
	90	62.9	159.4	40,000*	64.5	158.6	40,000*	65.9	156.9	40,000*	90
	100	59.0	153.4	40,000*	60.6	152.5	40,000*	62.0	150.7	38,200*	100
	110	55.0	146.3	38,800	56.5	145.4	39,200	57.8	143.5	36,200*	110
	120	50.7	138.1	34,000	52.2	137.2	34,400	53.5	135.2	34,500*	120
160	130	46.2	128.5	30,100	47.6	127.5	30,400	48.8	125.3	30,700	130
	140	41.2	117.2	26,700	42.6	116.1	27,000	43.7	113.7	27,200	140
	150	35.6	103.5	23,800	36.9	102.2	24,000				150
	160	29.0	86.3	21,300							160
170	45	79.5	187.3	40,000*							45
	50	77.9	186.1	40,000*	79.5	185.3	40,000*	80.9	183.7	40,000*	50
	55	76.3	184.7	40,000*	77.8	184.0	40,000*	79.3	182.4	40,000*	55
	60	74.7	183.2	40,000*	76.2	182.5	40,000*	77.7	180.9	40,000*	60
	65	73.0	181.6	40,000*	74.6	180.8	40,000*	76.0	179.2	40,000*	65
	70	71.4	179.8	40,000*	72.9	179.0	40,000*	74.3	177.4	40,000*	70
	75	69.7	177.8	40,000*	71.2	177.0	40,000*	72.6	175.4	40,000*	75
	80	68.0	175.7	40,000*	69.5	174.9	40,000*	70.9	173.2	40,000*	80
	85	66.3	173.3	40,000*	67.8	172.5	40,000*	69.1	170.8	40,000*	85
	90	64.5	170.8	40,000*	66.0	170.0	40,000*	67.4	168.3	40,000*	90
	100	60.9	165.2	40,000*	62.4	164.3	40,000*	63.7	162.5	39,200*	100
	110	57.2	158.7	38,200	58.7	157.8	38,700	59.9	155.9	37,200*	110
	120	53.3	151.2	33,500	54.7	150.3	33,900	56.0	148.3	34,300	120
	130	49.2	142.5	29,500	50.6	141.5	29,900	51.7	139.5	30,200	130
170	140	44.8	132.5	26,200	46.1	131.4	26,500	47.2	129.2	26,700	140
	150	39.9	120.7	23,300	41.2	119.5	23,500	42.2	117.0	23,700	150
	160	34.5	106.5	20,800	35.8	105.1	21,000				160
	170	28.1	88.6	18,500							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	
160	45	80.1	197.5	40,000*							45
	50	78.6	196.4	40,000*	80.0	195.6	40,000*				50
	55	77.0	195.1	40,000*				79.9	192.7	40,000*	55
	60	75.5	193.7	40,000*	76.9	192.9	40,000*	78.3	191.3	40,000*	60
	65	73.9	192.1	40,000*				76.8	189.7	40,000*	65
	70	72.4	190.4	40,000*	73.8	189.6	40,000*	75.2	188.0	40,000*	70
	75	70.8	188.6	40,000*	72.2	187.8	40,000*	73.6	186.1	40,000*	75
	80	69.2	186.5	40,000*	70.6	185.7	40,000*	72.0	184.1	40,000*	80
	85	67.6	184.4	40,000*	69.0	183.5	40,000*	70.3	181.8	40,000*	85
	90	66.0	182.0	40,000*				68.7	179.5	40,000*	90
	100	62.6	176.8	40,000*	64.0	175.9	40,000*	65.3	174.1	40,000*	100
	110	59.1	170.7	37,800	60.5	169.8	38,300	61.7	168.0	38,100*	110
	120	55.6	163.8	33,000	56.9	162.9	33,500	58.1	161.0	33,900	120
	130	51.8	155.9	29,100	53.1	154.9	29,500	54.2	152.9	29,800	130
	140	47.8	146.8	25,700	49.1	145.8	26,000	50.2	143.6	26,300	140
	150	43.5	136.3	22,800	44.8	135.2	23,100	45.8	132.9	23,300	150
	160	38.8	124.1	20,300	40.0	122.8	20,500				160
	170	33.5	109.3	18,100	34.7	107.9	18,300				170
	180	27.3	90.9	16,100							180
170	45	80.6	207.7	40,000*							45
	50	79.1	206.6	40,000*	80.5	205.8	40,000*				50
	55	77.7	205.4	40,000*	79.1	204.6	40,000*	80.4	203.0	40,000*	55
	60	76.2	204.1	40,000*	77.6	203.3	40,000*	78.9	201.7	40,000*	60
	65	74.8	202.6	40,000*	76.1	201.8	40,000*	77.4	200.2	40,000*	65
	70	73.3	201.0	40,000*	74.6	200.2	40,000*	75.9	198.6	40,000*	70
	75	71.8	199.2	40,000*	73.2	198.4	40,000*	74.4	196.8	40,000*	75
	80	70.3	197.3	40,000*	71.6	196.5	40,000*	72.9	194.8	40,000*	80
	85	68.8	195.3	40,000*	70.1	194.5	40,000*	71.4	192.8	40,000*	85
	90	67.2	193.1	40,000*	68.6	192.2	40,000*	69.8	190.5	40,000*	90
	100	64.1	188.1	40,000*	65.4	187.3	40,000*	66.6	185.5	40,000*	100
	110	60.8	182.5	37,400	62.2	181.6	38,000	63.3	179.8	38,500	110
	120	57.5	176.1	32,700	58.8	175.1	33,200	59.9	173.3	33,600	120
	130	54.0	168.8	28,700	55.3	167.8	29,100	56.4	165.8	29,500	130
	140	50.4	160.5	25,400	51.6	159.4	25,700	52.7	157.4	26,000	140
	150	46.5	151.0	22,500	47.7	149.9	22,800	48.7	147.7	23,000	150
	160	42.3	140.1	20,000	43.5	138.9	20,200	44.4	136.5	20,400	160
	170	37.8	127.3	17,800	38.9	126.0	18,000				170
	180	32.6	112.1	15,800	33.7	110.6	16,000				180
	190	26.6	93.1	14,100							190
180	45	81.0	217.9	40,000*							45
	50	79.6	216.9	40,000*	81.0	216.1	40,000*				50
	55	78.3	215.7	40,000*	79.6	214.9	40,000*	80.9	213.3	40,000*	55
	60	76.9	214.4	40,000*	78.2	213.7	40,000*	79.5	212.0	40,000*	60
	65	75.5	213.1	40,000*	76.8	212.3	40,000*	78.1	210.6	40,000*	65
	70	74.1	211.5	40,000*	75.4	210.7	40,000*	76.6	209.1	40,000*	70
	75	72.7	209.9	40,000*	74.0	209.0	40,000*	75.2	207.4	40,000*	75
	80	71.2	208.1	40,000*	72.5	207.2	40,000*	73.8	205.5	40,000*	80
	85	69.8	206.1	40,000*	71.1	205.3	40,000*	72.3	203.6	40,000*	85
	90	68.4	204.0	40,000*	69.6	203.2	40,000*	70.8	201.5	40,000*	90
	100	65.4	199.4	40,000*	66.7	198.5	40,000*	67.8	196.7	40,000*	100
	110	62.4	194.1	36,900	63.6	193.2	37,500	64.8	191.4	38,100	110
	120	59.2	188.0	32,200	60.5	187.1	32,700	61.6	185.3	33,200	120
	130	56.0	181.3	28,300	57.2	180.3	28,700	58.3	178.4	29,100	130
	140	52.6	173.6	24,900	53.8	172.6	25,300	54.8	170.5	25,600	140
	150	49.1	164.9	22,000	50.2	163.8	22,400	51.2	161.7	22,600	150
	160	45.3	155.0	19,500	46.4	153.9	19,800	47.4	151.6	20,000	160
	170	41.2	143.7	17,300	42.3	142.5	17,600	43.2	140.0	17,800	170
	180	36.8	130.5	15,400	37.9	129.2	15,600				180
	190	31.8	114.8	13,600	32.8	113.3	13,800				190
	200	25.9	95.2	12,000							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

OFFSET 4-1/2 DEGREES

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	
190	50	80.1	227.1	40,000*							50
	55	78.8	226.0	40,000*	80.1	225.2	40,000*				55
	60	77.5	224.8	40,000*		224.0		80.0	222.3	40,000*	60
	65	76.2	223.4	40,000*	77.4	222.6	40,000*	78.6	221.0	40,000*	65
	70	74.8	222.0	40,000*	76.1	221.2	40,000*	77.3	219.5	40,000*	70
	75	73.5	220.4	40,000*	74.7	219.6	40,000*	75.9	217.9	40,000*	75
	80	72.1	218.7	40,000*	73.4	217.9	40,000*	74.5	216.2	40,000*	80
	85	70.8	216.8	40,000*	72.0	216.0	40,000*	73.2	214.3	40,000*	85
	90	69.4	214.9	40,000*	70.6	214.0	40,000*	71.8	212.3	40,000*	90
	100	66.6	210.5	40,000*	67.8	209.6	40,000*	68.9	207.8	40,000*	100
	110	63.7	205.5	36,400	64.9	204.6	37,000	66.0	202.8	37,600	110
	120	60.8	199.8	31,700	62.0	198.9	32,200	63.0	197.0	32,700	120
	130	57.7	193.4	27,700	58.9	192.5	28,200	59.9	190.6	28,600	130
	140	54.6	186.3	24,400	55.7	185.3	24,800	56.7	183.3	25,100	140
	150	51.3	178.3	21,500	52.4	177.2	21,800	53.4	175.1	22,200	150
	160	47.8	169.2	19,000	49.0	168.1	19,300	49.9	165.9	19,600	160
	170	44.2	158.9	16,800	45.3	157.8	17,000	46.1	155.4	17,300	170
	180	40.2	147.2	14,800	41.3	146.0	15,100	42.1	143.4	15,200	180
	190	35.9	133.6	13,100	36.9	132.2	13,300				190
	200	31.0	117.4	11,500	32.0	115.8	11,700				200
	210	25.2	97.3	10,100							210
200	50	80.5	237.3	40,000*							50
	55	79.3	236.2	40,000*	80.5	235.4	40,000*				55
	60	78.0	235.1	40,000*		234.3		80.4	232.6	40,000*	60
	65	76.8	233.8	40,000*	78.0	233.0	40,000*	79.1	231.3	40,000*	65
	70	75.5	232.4	40,000*	76.7	231.6	40,000*	77.8	229.9	40,000*	70
	75	74.2	230.9	40,000*	75.4	230.1	40,000*	76.5	228.4	40,000*	75
	80	72.9	229.3	40,000*	74.1	228.4	40,000*	75.2	226.7	40,000*	80
	85	71.6	227.5	40,000*	72.8	226.7	40,000*	73.9	225.0	40,000*	85
	90	70.3	225.6	40,000*	71.5	224.8	40,000*	72.6	223.1	40,000*	90
	100	67.7	221.5	40,000*	68.8	220.6	40,000*	69.9	218.8	40,000*	100
	110	64.9	216.7	35,900	66.1	215.8	36,600	67.2	214.0	37,200	110
	120	62.2	211.4	31,200	63.3	210.5	31,800	64.3	208.6	32,300	120
	130	59.3	205.4	27,200	60.4	204.4	27,700	61.4	202.5	28,200	130
	140	56.3	198.7	23,900	57.5	197.7	24,300	58.4	195.7	24,700	140
	150	53.3	191.2	21,000	54.4	190.2	21,400	55.3	188.1	21,700	150
	160	50.1	182.8	18,500	51.2	181.7	18,800	52.1	179.6	19,100	160
	170	46.7	173.4	16,300	47.8	172.3	16,600	48.6	170.0	16,800	170
	180	43.1	162.8	14,300	44.2	161.6	14,600	45.0	159.1	14,800	180
	190	39.3	150.7	12,600	40.3	149.4	12,800				190
	200	35.1	136.6	11,000	36.0	135.2	11,200				200
	210	30.3	120.0	9,600	31.2	118.4	9,800				210
	220	24.7	99.3	8,300							220
210	50	80.9	247.4	40,000*							50
	55	79.7	246.5	40,000*	80.9	245.6	40,000*				55
	60	78.5	245.3	40,000*	79.7	244.5	40,000*	80.8	242.9	40,000*	60
	65	77.3	244.1	40,000*	78.5	243.3	40,000*	79.6	241.6	40,000*	65
	70	76.1	242.8	40,000*	77.3	242.0	40,000*	78.4	240.3	40,000*	70
	75	74.9	241.4	40,000*	76.0	240.5	40,000*	77.1	238.8	40,000*	75
	80	73.7	239.8	40,000*	74.8	239.0	40,000*	75.9	237.3	40,000*	80
	85	72.4	238.1	40,000*	73.6	237.3	40,000*	74.6	235.6	40,000*	85
	90	71.2	236.3	40,000*	72.3	235.5	40,000*	73.4	233.7	40,000*	90
	100	68.6	232.3	40,000*	69.8	231.5	40,000*	70.8	229.7	40,000*	100
	110	66.0	227.8	35,600	67.2	227.0	36,200	68.2	225.2	36,900	110
	120	63.4	222.8	30,800	64.5	221.9	31,400	65.5	220.0	32,000	120
	130	60.7	217.1	26,800	61.8	216.2	27,400	62.8	214.3	27,800	130
	140	57.9	210.8	23,500	59.0	209.8	24,000	60.0	207.9	24,400	140
	150	55.1	203.8	20,600	56.1	202.8	21,000	57.0	200.8	21,400	150
	160	52.1	196.0	18,100	53.1	194.9	18,500	54.0	192.8	18,800	160
	170	48.9	187.2	15,900	50.0	186.2	16,200	50.8	183.9	16,500	170
	180	45.7	177.5	14,000	46.7	176.3	14,200	47.5	174.0	14,500	180
	190	42.2	166.5	12,200	43.1	165.3	12,500	43.9	162.8	12,700	190
	200	38.4	154.0	10,700	39.4	152.7	10,900				200
	210	34.3	139.6	9,300	35.2	138.1	9,400				210
	220	29.6	122.5	8,000							220
	230	24.1	101.4	6,800							230

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44,000 LB. CARBODY COUNTERWEIGHT

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360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	55	80.2	256.7	40,000*							55
	60	79.0	255.6	40,000*	80.1	254.8	40,000*				60
	65	77.8	254.4	40,000*				80.0	251.9	40,000*	65
	70	76.7	253.2	40,000*	77.8	252.3	40,000*	78.8	250.6	40,000*	70
	75	75.5	251.8	40,000*				77.7	249.2	40,000*	75
	80	74.3	250.3	40,000*	75.4	249.4	40,000*	76.5	247.7	40,000*	80
	85	73.1	248.7	40,000*	74.2	247.8	40,000*	75.3	246.1	40,000*	85
	90	71.9	247.0	40,000*				74.1	244.4	40,000*	90
	100	69.5	243.2	40,000*	70.6	242.3	40,000*	71.6	240.5	40,000*	100
	110	67.1	238.9	35,100	68.1	238.0	35,800	69.1	236.2	36,400	110
	120	64.6	234.1	30,300	65.6	233.2	31,000	66.6	231.3	31,500	120
	130	62.0	228.7	26,400	63.0	227.8	26,900	64.0	225.9	27,400	130
	140	59.4	222.7	23,000	60.4	221.8	23,500	61.3	219.8	23,900	140
	150	56.6	216.1	20,100	57.7	215.1	20,600	58.6	213.1	20,900	150
	160	53.8	208.7	17,600	54.9	207.7	18,000	55.7	205.7	18,300	160
	170	50.9	200.6	15,400	51.9	199.5	15,800	52.8	197.4	16,100	170
	180	47.9	191.6	13,500	48.9	190.5	13,800	49.7	188.2	14,000	180
	190	44.7	181.5	11,700	45.6	180.3	12,000	46.4	177.9	12,200	190
	200	41.3	170.2	10,200	42.2	168.9	10,400	42.9	166.3	10,600	200
	210	37.6	157.3	8,800	38.5	155.9	9,000				210
	220	33.5	142.5	7,500	34.4	141.0	7,700				220
	230	29.0	125.0	6,300							230
	240	23.6	103.3	5,300							240
230	55	80.5	266.8	40,000*							55
	60	79.4	265.8	40,000*	80.5	265.0	40,000*				60
	65	78.3	264.7	40,000*	79.4	263.9	40,000*	80.4	262.2	40,000*	65
	70	77.2	263.5	40,000*				79.3	261.0	40,000*	70
	75	76.1	262.2	40,000*	77.1	261.3	40,000*	78.1	259.6	40,000*	75
	80	74.9	260.7	40,000*	76.0	259.9	40,000*	77.0	258.2	40,000*	80
	85	73.8	259.2	40,000*	74.9	258.3	40,000*	75.8	256.6	40,000*	85
	90	72.7	257.5	39,400	73.7	256.7	40,000*	74.7	255.0	40,000*	90
	100	70.3	253.9	32,400	71.4	253.0	33,500	72.4	251.3	34,500	100
	110	68.0	249.8	26,800	69.0	248.9	27,700	70.0	247.1	28,600	110
	120	65.6	245.2	22,200	66.6	244.3	23,000	67.6	242.5	23,800	120
	130	63.2	240.1	18,400	64.2	239.2	19,100	65.1	237.3	19,800	130
	140	60.7	234.4	15,100	61.7	233.5	15,800	62.6	231.6	16,400	140
	150	58.1	228.2	12,300	59.1	227.2	13,000	60.0	225.2	13,500	150
	160	55.4	221.2	9,900	56.4	220.2	10,500	57.3	218.2	11,000	160
	170	52.7	213.6	7,800	53.7	212.6	8,300	54.5	210.4	8,700	170
	180	49.9	205.1	5,900	50.8	204.1	6,400	51.6	201.9	6,700	180
	190	46.9	195.8	4,300	47.8	194.7	4,700	48.6	192.3	5,000	190
240	55	80.9	277.0	40,000*							55
	60	79.8	276.0	40,000*	80.8	275.2	40,000*				60
	65	78.7	275.0	40,000*	79.8	274.1	40,000*	80.8	272.4	40,000*	65
	70	77.7	273.8	40,000*				79.7	271.3	40,000*	70
	75	76.6	272.5	40,000*	77.6	271.7	40,000*	78.6	270.0	40,000*	75
	80	75.5	271.1	40,000*	76.5	270.3	40,000*	77.5	268.6	40,000*	80
	85	74.4	269.7	40,000*	75.4	268.8	40,000*	76.4	267.1	40,000*	85
	90	73.3	268.1	38,800	74.3	267.2	40,000*	75.3	265.5	40,000*	90
	100	71.1	264.6	31,800	72.1	263.7	32,900	73.0	262.0	34,000	100
	110	68.8	260.7	26,200	69.8	259.8	27,200	70.8	258.0	28,100	110
	120	66.6	256.3	21,600	67.5	255.4	22,500	68.5	253.6	23,300	120
	130	64.2	251.4	17,800	65.2	250.5	18,600	66.1	248.6	19,300	130
	140	61.8	246.0	14,500	62.8	245.1	15,200	63.7	243.2	15,900	140
	150	59.4	240.0	11,700	60.4	239.1	12,400	61.2	237.1	13,000	150
	160	56.9	233.5	9,300	57.9	232.5	9,900	58.7	230.5	10,400	160
	170	54.3	226.3	7,200	55.3	225.2	7,700	56.1	223.2	8,200	170
	180	51.6	218.3	5,300	52.6	217.3	5,800	53.3	215.1	6,200	180
	190				49.8	208.5	4,100	50.5	206.2	4,400	190

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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	
250	60	80.2	286.2	40,000*							60
	65	79.1	285.2	40,000*	80.1	284.4	40,000*				65
	70	78.1	284.1	40,000*	79.1	283.2	40,000*	80.1	281.5	40,000*	70
	75	77.1	282.8	40,000*	78.1	282.0	40,000*	79.0	280.3	40,000*	75
	80	76.0	281.5	40,000*	77.0	280.7	40,000*	77.9	279.0	40,000*	80
	85	75.0	280.1	40,000*	76.0	279.2	40,000*	76.9	277.5	40,000*	85
	90	73.9	278.6	38,200	74.9	277.7	39,600	75.8	276.0	40,000*	90
	100	71.8	275.2	31,200	72.8	274.4	32,400	73.7	272.6	33,500	100
	110	69.6	271.5	25,600	70.6	270.6	26,700	71.5	268.8	27,600	110
	120	67.4	267.3	21,000	68.4	266.4	22,000	69.3	264.5	22,800	120
	130	65.2	262.6	17,200	66.2	261.7	18,000	67.0	259.8	18,800	130
	140	62.9	257.4	14,000	63.9	256.5	14,700	64.7	254.6	15,400	140
	150	60.6	251.7	11,200	61.5	250.8	11,900	62.4	248.9	12,500	150
	160	58.2	245.5	8,800	59.2	244.5	9,400	60.0	242.5	9,900	160
	170	55.8	238.7	6,600	56.7	237.7	7,200	57.5	235.6	7,700	170
	180	53.3	231.2	4,800	54.2	230.1	5,300	54.9	228.0	5,700	180
260	60	80.5	296.4	40,000*							60
	65	79.5	295.4	40,000*	80.5	294.6	40,000*				65
	70	78.5	294.3	40,000*	79.5	293.5	40,000*	80.4	291.8	40,000*	70
	75	77.5	293.2	40,000*	78.5	292.3	40,000*	79.4	290.6	40,000*	75
	80	76.5	291.9	40,000*	77.5	291.0	40,000*	78.4	289.3	40,000*	80
	85	75.5	290.5	40,000*	76.5	289.7	40,000*	77.4	287.9	40,000*	85
	90	74.5	289.0	37,600	75.4	288.2	39,000	76.3	286.4	40,000*	90
	100	72.4	285.8	30,600	73.4	285.0	31,800	74.3	283.2	33,000	100
	110	70.4	282.2	25,000	71.3	281.3	26,100	72.2	279.5	27,100	110
	120	68.3	278.2	20,400	69.2	277.3	21,300	70.0	275.4	22,200	120
	130	66.1	273.7	16,500	67.0	272.8	17,400	67.9	270.9	18,200	130
	140	63.9	268.7	13,300	64.9	267.8	14,100	65.7	265.9	14,800	140
	150	61.7	263.3	10,500	62.6	262.4	11,200	63.4	260.4	11,900	150
	160	59.4	257.4	8,100	60.3	256.4	8,700	61.1	254.4	9,300	160
	170	57.1	250.9	6,000	58.0	249.9	6,600	58.8	247.8	7,100	170
	180	54.7	243.8	4,100	55.6	242.7	4,600	56.3	240.6	5,100	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

OFFSET 4-1/2 DEGREES

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	
90	35	80.5	138.3	30,000*							35
	40	78.3	137.0	30,000*							40
	45	76.0	135.6	30,000*	78.9	134.8	30,000*				45
	50	73.8	133.9	30,000*	76.6	133.1	30,000*	79.4	131.3	30,000*	50
	55	71.5	132.0	30,000*	74.3	131.2	30,000*	77.0	129.3	30,000*	55
	60	69.2	129.9	30,000*	72.0	129.0	30,000*	74.7	127.1	30,000*	60
	65	66.8	127.5	30,000*	69.6	126.6	30,000*	72.2	124.7	30,000*	65
	70	64.4	124.8	30,000*	67.1	123.9	30,000*	69.7	122.0	30,000*	70
	75	61.9	121.9	30,000*	64.6	121.0	30,000*	67.2	119.0	29,600*	75
	80	59.3	118.7	30,000*	62.0	117.7	30,000*	64.6	115.7	28,400*	80
	85	56.7	115.1	30,000*	59.4	114.1	30,000*	61.9	112.0	27,300*	85
	90	54.0	111.2	30,000*	56.6	110.2	30,000*	59.0	108.0	26,300*	90
	100	48.2	102.1	30,000*	50.8	100.9	28,500*	53.0	98.5	24,600*	100
	110	41.7	90.7	29,400*	44.2	89.5	26,300*	46.3	86.7	23,300*	110
100	120	34.1	76.1	26,800*	36.5	74.6	24,600*				120
	130	24.2	55.3	24,700*							130
	40	79.1	147.4	30,000*							40
	45	77.1	146.0	30,000*	79.7	145.1	30,000*				45
	50	75.0	144.5	30,000*	77.6	143.6	30,000*	80.2	141.7	30,000*	50
	55	72.8	142.7	30,000*	75.5	141.8	30,000*	78.0	139.9	30,000*	55
	60	70.7	140.7	30,000*	73.3	139.8	30,000*	75.8	137.9	30,000*	60
	65	68.5	138.6	30,000*	71.1	137.6	30,000*	73.6	135.7	30,000*	65
	70	66.3	136.1	30,000*	68.9	135.2	30,000*	71.3	133.2	30,000*	70
	75	64.1	133.5	30,000*	66.6	132.5	30,000*	69.0	130.5	30,000*	75
	80	61.7	130.5	30,000*	64.3	129.6	30,000*	66.7	127.5	29,400*	80
	85	59.4	127.3	30,000*	61.9	126.4	30,000*	64.2	124.2	28,300*	85
	90	56.9	123.8	30,000*	59.4	122.8	30,000*	61.7	120.6	27,300*	90
	100	51.8	115.8	30,000*	54.3	114.7	29,900*	56.4	112.3	25,500*	100
110	110	46.2	106.1	30,000*	48.6	104.8	27,700*	50.7	102.2	24,100*	110
	120	40.0	94.1	28,700*	42.3	92.7	25,900*	44.2	89.7	23,000*	120
	130	32.7	78.8	26,500*	34.9	77.1	24,400*				130
	140	23.2	57.1	24,600*							140
	40	79.8	157.6	30,000*							40
	45	77.9	156.4	30,000*	80.4	155.5	30,000*				45
	50	76.0	154.9	30,000*	78.4	154.0	30,000*	80.9	152.1	30,000*	50
	55	74.0	153.3	30,000*	76.5	152.4	30,000*	78.9	150.5	30,000*	55
	60	72.0	151.5	30,000*	74.5	150.6	30,000*	76.8	148.6	30,000*	60
	65	70.0	149.5	30,000*	72.4	148.5	30,000*	74.8	146.6	30,000*	65
	70	68.0	147.2	30,000*	70.4	146.3	30,000*	72.7	144.3	30,000*	70
	75	65.9	144.8	30,000*	68.3	143.8	30,000*	70.6	141.8	30,000*	75
	80	63.8	142.1	30,000*	66.2	141.1	30,000*	68.4	139.0	30,000*	80
	85	61.6	139.2	30,000*	64.0	138.2	30,000*	66.2	136.1	29,100*	85
120	90	59.4	136.0	30,000*	61.8	135.0	30,000*	63.9	132.8	28,100*	90
	100	54.8	128.8	30,000*	57.1	127.7	30,000*	59.2	125.4	26,400*	100
	110	49.9	120.2	30,000*	52.1	119.0	29,000*	54.1	116.5	24,900*	110
	120	44.5	109.9	30,000*	46.7	108.6	27,100*	48.6	105.8	23,700*	120
	130	38.5	97.3	28,200*	40.7	95.9	25,500*	42.3	92.7	22,700*	130
	140	31.5	81.3	26,200*	33.5	79.5	24,100*				140
	150	22.3	58.8	24,500*							150

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	
120	40	80.5	167.9	30,000*							40
	45	78.7	166.7	30,000*	81.0	165.8	30,000*				45
	50	76.9	165.3	30,000*	79.2	164.4	30,000*				50
	55	75.0	163.8	30,000*	77.3	162.9	30,000*	79.6	160.9	30,000*	55
	60	73.2	162.1	30,000*	75.5	161.2	30,000*	77.7	159.2	30,000*	60
	65	71.3	160.3	30,000*	73.6	159.3	30,000*	75.8	157.3	30,000*	65
	70	69.4	158.2	30,000*	71.7	157.2	30,000*	73.9	155.2	30,000*	70
	75	67.5	155.9	30,000*	69.8	154.9	30,000*	71.9	152.9	30,000*	75
	80	65.5	153.5	30,000*	67.8	152.5	30,000*	69.9	150.3	30,000*	80
	85	63.6	150.8	30,000*	65.8	149.7	30,000*	67.9	147.6	30,000*	85
	90	61.5	147.8	30,000*	63.7	146.8	30,000*	65.8	144.6	29,000*	90
	100	57.3	141.2	30,000*	59.5	140.2	30,000*	61.5	137.8	27,200*	100
	110	52.9	133.5	30,000*	55.0	132.4	30,000*	56.9	129.9	25,700*	110
	120	48.2	124.4	30,000*	50.3	123.2	28,300*	52.0	120.5	24,400*	120
	130	43.0	113.6	29,900*	45.0	112.2	26,600*	46.7	109.3	23,300*	130
130	140	37.2	100.5	27,800*	39.2	98.9	25,100*				140
	150	30.4	83.8	25,000	32.2	81.9	24,000*				150
140	45	79.3	177.0	30,000*							45
	50	77.6	175.7	30,000*	79.8	174.8	30,000*				50
	55	75.9	174.3	30,000*	78.1	173.3	30,000*	80.2	171.3	30,000*	55
	60	74.2	172.7	30,000*	76.4	171.7	30,000*	78.4	169.7	30,000*	60
	65	72.4	170.9	30,000*	74.6	170.0	30,000*	76.7	167.9	30,000*	65
	70	70.7	169.0	30,000*	72.8	168.0	30,000*	74.9	166.0	30,000*	70
	75	68.9	166.9	30,000*	71.0	165.9	30,000*	73.0	163.8	30,000*	75
	80	67.1	164.6	30,000*	69.2	163.6	30,000*	71.2	161.5	30,000*	80
	85	65.2	162.1	30,000*	67.3	161.1	30,000*	69.3	158.9	30,000*	85
	90	63.3	159.4	30,000*	65.4	158.4	30,000*	67.4	156.2	29,700*	90
	100	59.5	153.3	30,000*	61.5	152.2	30,000*	63.4	150.0	27,900*	100
	110	55.4	146.3	30,000*	57.5	145.1	30,000*	59.3	142.7	26,400*	110
	120	51.2	138.1	30,000*	53.2	136.9	29,400*	54.9	134.3	25,100*	120
	130	46.6	128.5	30,000*	48.5	127.2	27,700*	50.2	124.4	24,000*	130
	140	41.6	117.2	27,600	43.5	115.7	26,200*	45.0	112.6	23,100*	140
150	150	36.0	103.5	24,700	37.8	101.8	24,900*				150
	160	29.4	86.2	22,200							160
160	45	79.9	187.2	30,000*							45
	50	78.3	186.0	30,000*	80.4	185.1	30,000*				50
	55	76.7	184.7	30,000*	78.8	183.7	30,000*	80.8	181.7	30,000*	55
	60	75.1	183.2	30,000*	77.1	182.2	30,000*	79.1	180.2	30,000*	60
	65	73.4	181.6	30,000*	75.5	180.6	30,000*	77.4	178.5	30,000*	65
	70	71.8	179.7	30,000*	73.8	178.7	30,000*	75.8	176.6	30,000*	70
	75	70.1	177.8	30,000*	72.1	176.7	30,000*	74.0	174.6	30,000*	75
	80	68.4	175.6	30,000*	70.4	174.6	30,000*	72.3	172.4	30,000*	80
	85	66.7	173.3	30,000*	68.7	172.2	30,000*	70.6	170.1	30,000*	85
	90	64.9	170.8	30,000*	66.9	169.7	30,000*	68.8	167.5	30,000*	90
	100	61.4	165.1	30,000*	63.3	164.0	30,000*	65.1	161.8	28,700*	100
	110	57.6	158.6	30,000*	59.6	157.5	30,000*	61.3	155.1	27,100*	110
	120	53.7	151.2	30,000*	55.6	149.9	30,000*	57.3	147.4	25,800*	120
	130	49.6	142.5	30,000*	51.5	141.2	28,700*	53.1	138.5	24,600*	130
	140	45.2	132.5	27,200	47.0	131.1	27,200*	48.5	128.1	23,700*	140
170	150	40.3	120.6	24,300	42.1	119.1	24,600	43.5	115.9	22,900*	150
	160	34.9	106.4	21,800	36.6	104.6	22,000				160
	170	28.5	88.5	19,500							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	45	80.5	197.4	30,000*							45
	50	78.9	196.3	30,000*	80.9	195.3	30,000*				50
	55	77.4	195.1	30,000*	79.4	194.1	30,000*				55
	60	75.9	193.6	30,000*	77.8	192.6	30,000*	79.7	190.6	30,000*	60
	65	74.3	192.1	30,000*	76.3	191.1	30,000*	78.1	189.0	30,000*	65
	70	72.8	190.4	30,000*	74.7	189.4	30,000*	76.5	187.3	30,000*	70
	75	71.2	188.5	30,000*	73.1	187.5	30,000*	74.9	185.4	30,000*	75
	80	69.6	186.5	30,000*	71.5	185.5	30,000*	73.3	183.3	30,000*	80
	85	68.0	184.3	30,000*	69.9	183.3	30,000*	71.7	181.1	30,000*	85
	90	66.3	182.0	30,000*	68.2	180.9	30,000*	70.0	178.7	30,000*	90
	100	63.0	176.7	30,000*	64.9	175.6	30,000*	66.6	173.3	29,300*	100
	110	59.5	170.7	30,000*	61.4	169.5	30,000*	63.1	167.1	27,800*	110
	120	55.9	163.8	30,000*	57.8	162.6	30,000*	59.4	160.1	26,400*	120
	130	52.2	155.9	30,000*	54.0	154.6	29,800*	55.5	152.0	25,300*	130
	140	48.2	146.8	26,600	49.9	145.4	27,000	51.4	142.6	24,300*	140
	150	43.9	136.3	23,700	45.6	134.8	24,100	47.0	131.8	23,400*	150
	160	39.2	124.0	21,200	40.8	122.4	21,500	42.1	119.0	21,700	160
	170	33.9	109.3	19,000	35.5	107.4	19,200				170
	180	27.7	90.8	17,000							180
160	45	80.9	207.7	30,000*							45
	50	79.5	206.6	30,000*							50
	55	78.1	205.4	30,000*	79.9	204.4	30,000*				55
	60	76.6	204.0	30,000*	78.4	203.0	30,000*	80.2	200.9	30,000*	60
	65	75.1	202.6	30,000*	77.0	201.5	30,000*	78.8	199.4	30,000*	65
	70	73.7	201.0	30,000*	75.5	199.9	30,000*	77.2	197.8	30,000*	70
	75	72.2	199.2	30,000*	74.0	198.2	30,000*	75.7	196.0	30,000*	75
	80	70.7	197.3	30,000*	72.5	196.2	30,000*	74.2	194.1	30,000*	80
	85	69.1	195.2	30,000*	70.9	194.2	30,000*	72.6	192.0	30,000*	85
	90	67.6	193.0	30,000*	69.4	191.9	30,000*	71.1	189.7	30,000*	90
	100	64.5	188.1	30,000*	66.2	187.0	30,000*	67.9	184.7	30,000*	100
	110	61.2	182.4	30,000*	63.0	181.3	30,000*	64.6	178.9	28,400*	110
	120	57.9	176.0	30,000*	59.6	174.8	30,000*	61.2	172.4	27,100*	120
	130	54.4	168.7	29,500	56.1	167.5	30,000*	57.6	164.9	25,900*	130
	140	50.7	160.4	26,100	52.4	159.1	26,600	53.8	156.4	24,800*	140
	150	46.8	150.9	23,300	48.5	149.5	23,600	49.9	146.6	23,900*	150
	160	42.7	140.0	20,700	44.3	138.5	21,100	45.5	135.3	21,300	160
	170	38.1	127.3	18,500	39.7	125.6	18,800				170
	180	33.0	112.0	16,600	34.4	110.1	16,800				180
190	26.9	93.0	14,800							190	
170	50	80.0	216.8	30,000*							50
	55	78.6	215.7	30,000*	80.4	214.6	30,000*				55
	60	77.2	214.4	30,000*	79.0	213.4	30,000*	80.7	211.2	30,000*	60
	65	75.8	213.0	30,000*	77.6	212.0	30,000*	79.3	209.8	30,000*	65
	70	74.4	211.5	30,000*	76.2	210.4	30,000*	77.9	208.3	30,000*	70
	75	73.0	209.8	30,000*	74.8	208.8	30,000*	76.4	206.6	30,000*	75
	80	71.6	208.0	30,000*	73.3	206.9	30,000*	75.0	204.7	30,000*	80
	85	70.2	206.1	30,000*	71.9	205.0	30,000*	73.5	202.8	30,000*	85
	90	68.7	204.0	30,000*	70.4	202.9	30,000*	72.1	200.6	30,000*	90
	100	65.8	199.3	30,000*	67.5	198.2	30,000*	69.0	195.9	30,000*	100
	110	62.7	194.0	30,000*	64.4	192.9	30,000*	65.9	190.5	29,000*	110
	120	59.6	188.0	30,000*	61.2	186.8	30,000*	62.8	184.4	27,700*	120
	130	56.3	181.2	29,100	58.0	180.0	29,700	59.4	177.4	26,500*	130
	140	53.0	173.5	25,800	54.6	172.2	26,300	56.0	169.6	25,400*	140
	150	49.4	164.8	22,900	51.0	163.5	23,300	52.3	160.7	23,700	150
	160	45.6	155.0	20,400	47.2	153.5	20,800	48.4	150.5	21,100	160
	170	41.6	143.6	18,200	43.1	142.0	18,500	44.3	138.8	18,700	170
	180	37.1	130.4	16,200	38.6	128.7	16,500				180
	190	32.1	114.7	14,500	33.5	112.7	14,700				190
200	26.2	95.1	12,900							200	

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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	50	80.5	227.0	30,000*							50
	55	79.1	225.9	30,000*	80.8	224.9	30,000*				55
	60	77.8	224.7	30,000*	79.5	223.7	30,000*				60
	65	76.5	223.4	30,000*	78.2	222.3	30,000*	79.8	220.2	30,000*	65
	70	75.2	221.9	30,000*	76.8	220.9	30,000*	78.5	218.7	30,000*	70
	75	73.8	220.4	30,000*	75.5	219.3	30,000*	77.1	217.1	30,000*	75
	80	72.5	218.6	30,000*	74.1	217.6	30,000*	75.7	215.4	30,000*	80
	85	71.1	216.8	30,000*	72.8	215.7	30,000*	74.3	213.5	30,000*	85
	90	69.7	214.8	30,000*	71.4	213.7	30,000*	72.9	211.5	30,000*	90
	100	66.9	210.4	30,000*	68.6	209.3	30,000*	70.1	207.0	30,000*	100
	110	64.1	205.4	30,000*	65.7	204.3	30,000*	67.2	201.9	29,600*	110
	120	61.1	199.8	30,000*	62.7	198.6	30,000*	64.2	196.1	28,200*	120
	130	58.1	193.4	28,700	59.6	192.2	29,300	61.1	189.6	27,000*	130
	140	54.9	186.2	25,300	56.5	185.0	25,800	57.8	182.3	25,900*	140
	150	51.6	178.2	22,400	53.2	176.9	22,900	54.5	174.1	23,300	150
	160	48.2	169.1	19,900	49.7	167.7	20,300	50.9	164.8	20,700	160
	170	44.5	158.9	17,700	46.0	157.4	18,100	47.1	154.3	18,300	170
	180	40.5	147.1	15,800	42.0	145.5	16,100	43.1	142.1	16,300	180
	190	36.2	133.5	14,000	37.6	131.7	14,300				190
	200	31.3	117.4	12,400	32.6	115.3	12,600				200
	210	25.6	97.2	11,000							210
190	50	80.9	237.2	30,000*							50
	55	79.6	236.2	30,000*							55
	60	78.4	235.0	30,000*	80.0	234.0	30,000*				60
	65	77.1	233.8	30,000*	78.7	232.7	30,000*	80.3	230.5	30,000*	65
	70	75.8	232.4	30,000*	77.4	231.3	30,000*	79.0	229.1	30,000*	70
	75	74.5	230.9	30,000*	76.1	229.8	30,000*	77.7	227.6	30,000*	75
	80	73.2	229.2	30,000*	74.8	228.1	30,000*	76.4	225.9	30,000*	80
	85	71.9	227.5	30,000*	73.5	226.4	30,000*	75.0	224.1	30,000*	85
	90	70.6	225.6	30,000*	72.2	224.5	30,000*	73.7	222.2	30,000*	90
	100	68.0	221.4	30,000*	69.5	220.3	30,000*	71.0	218.0	30,000*	100
	110	65.3	216.7	30,000*	66.8	215.5	30,000*	68.2	213.1	30,000*	110
	120	62.5	211.3	30,000*	64.0	210.1	30,000*	65.4	207.7	28,800*	120
	130	59.6	205.3	28,100	61.1	204.1	28,800	62.5	201.6	27,600*	130
	140	56.7	198.6	24,800	58.2	197.4	25,300	59.5	194.8	25,800	140
	150	53.6	191.1	21,900	55.1	189.8	22,400	56.4	187.1	22,800	150
	160	50.4	182.7	19,400	51.8	181.4	19,800	53.1	178.5	20,200	160
	170	47.0	173.3	17,200	48.4	171.9	17,500	49.6	168.9	17,900	170
	180	43.4	162.7	15,200	44.8	161.1	15,500	45.9	157.9	15,800	180
	190	39.6	150.6	13,500	40.9	148.9	13,800	41.9	145.4	14,000	190
	200	35.4	136.6	11,900	36.7	134.7	12,100				200
	210	30.6	119.9	10,500	31.8	117.8	10,700				210
	220	25.0	99.2	9,200							220
200	55	80.1	246.4	30,000*							55
	60	78.8	245.3	30,000*	80.4	244.2	30,000*				60
	65	77.6	244.1	30,000*	79.2	243.0	30,000*	80.7	240.8	30,000*	65
	70	76.4	242.8	30,000*	78.0	241.7	30,000*	79.4	239.5	30,000*	70
	75	75.2	241.3	30,000*	76.7	240.2	30,000*	78.2	238.0	30,000*	75
	80	74.0	239.8	30,000*	75.5	238.7	30,000*	77.0	236.4	30,000*	80
	85	72.7	238.1	30,000*	74.2	237.0	30,000*	75.7	234.7	30,000*	85
	90	71.5	236.3	30,000*	73.0	235.2	30,000*	74.4	232.9	30,000*	90
	100	68.9	232.3	30,000*	70.4	231.2	30,000*	71.9	228.9	30,000*	100
	110	66.4	227.8	30,000*	67.8	226.6	30,000*	69.2	224.3	30,000*	110
	120	63.7	222.7	30,000*	65.2	221.5	30,000*	66.6	219.1	29,300*	120
	130	61.0	217.1	27,700	62.5	215.8	28,300	63.8	213.4	28,100*	130
	140	58.2	210.7	24,300	59.7	209.5	24,900	61.0	206.9	25,400	140
	150	55.4	203.7	21,400	56.8	202.4	21,900	58.0	199.8	22,400	150
	160	52.4	195.9	18,900	53.8	194.5	19,400	55.0	191.8	19,800	160
	170	49.2	187.2	16,700	50.6	185.8	17,100	51.8	182.8	17,400	170
	180	46.0	177.4	14,700	47.3	175.9	15,100	48.4	172.8	15,400	180
	190	42.5	166.4	13,000	43.8	164.8	13,300	44.8	161.5	13,600	190
	200	38.7	153.9	11,400	40.0	152.2	11,700				200
	210	34.6	139.5	10,000	35.8	137.6	10,200				210
	220	29.9	122.4	8,700							220
	230	24.4	101.2	7,500							230

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

OFFSET 4-1/2 DEGREES

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	
210	55	80.5	256.6	30,000*							55
	60	79.3	255.5	30,000*	80.8	254.5	30,000*				60
	65	78.1	254.4	30,000*	79.6	253.3	30,000*				65
	70	77.0	253.1	30,000*	78.4	252.0	30,000*	79.9	249.8	30,000*	70
	75	75.8	251.7	30,000*	77.3	250.6	30,000*	78.7	248.4	30,000*	75
	80	74.6	250.2	30,000*	76.1	249.1	30,000*	77.5	246.9	30,000*	80
	85	73.4	248.6	30,000*	74.9	247.5	30,000*	76.3	245.3	30,000*	85
	90	72.2	246.9	30,000*	73.7	245.8	30,000*	75.1	243.5	30,000*	90
	100	69.8	243.1	30,000*	71.3	242.0	30,000*	72.6	239.7	30,000*	100
	110	67.4	238.8	30,000*	68.8	237.7	30,000*	70.1	235.3	30,000*	110
	120	64.8	234.0	30,000*	66.3	232.8	30,000*	67.6	230.4	29,800*	120
	130	62.3	228.6	27,300	63.7	227.4	28,000	65.0	224.9	28,600*	130
	140	59.6	222.7	23,900	61.0	221.4	24,500	62.3	218.9	25,100	140
	150	56.9	216.0	21,000	58.3	214.7	21,600	59.5	212.1	22,100	150
	160	54.1	208.7	18,500	55.5	207.3	19,000	56.7	204.6	19,400	160
	170	51.2	200.5	16,300	52.6	199.1	16,700	53.7	196.3	17,100	170
	180	48.2	191.5	14,300	49.5	190.0	14,700	50.6	187.0	15,100	180
	190	45.0	181.4	12,600	46.2	179.9	12,900	47.3	176.7	13,200	190
	200	41.5	170.1	11,000	42.8	168.4	11,300	43.8	165.0	11,600	200
	210	37.9	157.2	9,600	39.1	155.4	9,900				210
	220	33.8	142.4	8,300	35.0	140.4	8,600				220
	230	29.3	124.9	7,200							230
	240	23.9	103.2	6,100							240
220	55	80.8	266.8	30,000*							55
	60	79.7	265.8	30,000*							60
	65	78.6	264.7	30,000*	80.0	263.6	30,000*				65
	70	77.5	263.4	30,000*	78.9	262.3	30,000*	80.3	260.1	30,000*	70
	75	76.4	262.1	30,000*	77.8	261.0	30,000*	79.1	258.8	30,000*	75
	80	75.2	260.7	30,000*	76.6	259.6	30,000*	78.0	257.3	30,000*	80
	85	74.1	259.1	30,000*	75.5	258.0	30,000*	76.8	255.8	30,000*	85
	90	72.9	257.5	30,000*	74.3	256.4	30,000*	75.7	254.1	30,000*	90
	100	70.6	253.9	30,000*	72.0	252.7	30,000*	73.3	250.4	30,000*	100
	110	68.3	249.8	28,100	69.7	248.6	29,300	71.0	246.2	30,000*	110
	120	65.9	245.2	23,500	67.3	244.0	24,600	68.5	241.6	25,600	120
	130	63.4	240.0	19,600	64.8	238.8	20,600	66.0	236.4	21,500	130
	140	60.9	234.4	16,400	62.3	233.1	17,200	63.5	230.6	18,000	140
	150	58.4	228.1	13,600	59.7	226.8	14,400	60.9	224.2	15,100	150
	160	55.7	221.2	11,200	57.0	219.9	11,900	58.2	217.2	12,500	160
	170	53.0	213.5	9,000	54.3	212.2	9,700	55.4	209.4	10,200	170
	180	50.1	205.1	7,200	51.4	203.6	7,700	52.5	200.7	8,200	180
	190	47.2	195.7	5,500	48.4	194.2	6,000	49.4	191.2	6,400	190
	200	44.0	185.3	4,000	45.3	183.7	4,400	46.2	180.5	4,800	200
230	60	80.1	276.0	30,000*							60
	65	79.0	274.9	30,000*	80.4	273.8	30,000*				65
	70	77.9	273.7	30,000*	79.3	272.6	30,000*	80.6	270.4	30,000*	70
	75	76.9	272.5	30,000*	78.2	271.4	30,000*	79.6	269.1	30,000*	75
	80	75.8	271.1	30,000*	77.1	270.0	30,000*	78.5	267.7	30,000*	80
	85	74.7	269.6	30,000*	76.0	268.5	30,000*	77.3	266.2	30,000*	85
	90	73.6	268.0	30,000*	74.9	266.9	30,000*	76.2	264.6	30,000*	90
	100	71.4	264.5	30,000*	72.7	263.4	30,000*	74.0	261.1	30,000*	100
	110	69.1	260.6	27,400	70.5	259.4	28,700	71.7	257.1	29,900	110
	120	66.8	256.2	22,800	68.2	255.0	23,900	69.4	252.6	25,000	120
	130	64.5	251.3	18,900	65.8	250.1	19,900	67.0	247.7	20,900	130
	140	62.1	245.9	15,700	63.4	244.7	16,600	64.6	242.2	17,400	140
	150	59.7	240.0	12,900	61.0	238.7	13,700	62.1	236.1	14,400	150
	160	57.2	233.4	10,400	58.4	232.1	11,200	59.6	229.4	11,800	160
	170	54.6	226.2	8,300	55.8	224.8	9,000	56.9	222.1	9,600	170
	180	51.9	218.3	6,400	53.2	216.9	7,000	54.2	214.0	7,500	180
	190	49.1	209.5	4,700	50.4	208.0	5,300	51.4	205.1	5,700	190
	200							48.4	195.2	4,100	200

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
240	60	80.4	286.2	30,000*							60
	65	79.4	285.2	30,000*	80.7	284.0	30,000*	81.0	280.6	30,000*	65
	70	78.4	284.0	30,000*	79.7	282.9	30,000*	79.9	279.4	30,000*	70
	75	77.3	282.8	30,000*	78.7	281.7	30,000*	78.9	278.1	30,000*	75
	80	76.3	281.5	30,000*	77.6	280.3	30,000*	77.8	276.6	30,000*	80
	85	75.2	280.1	30,000*	76.6	278.9	30,000*	76.7	275.1	30,000*	85
	90	74.2	278.5	30,000*	75.5	277.4	30,000*	74.6	271.7	30,000*	90
	100	72.1	275.2	30,000*	73.4	274.0	30,000*	72.4	267.9	29,400	100
	110	69.9	271.4	26,800	71.2	270.2	28,100	70.2	263.6	24,500	110
	120	67.7	267.2	22,200	69.0	266.0	23,400				120
	130	65.5	262.5	18,300	66.7	261.3	19,400	67.9	258.9	20,400	130
	140	63.2	257.4	15,100	64.5	256.1	16,000	65.6	253.6	16,900	140
	150	60.9	251.7	12,300	62.1	250.4	13,100	63.2	247.9	13,900	150
	160	58.5	245.5	9,800	59.7	244.1	10,600	60.8	241.5	11,300	160
	170	56.0	238.6	7,700	57.3	237.3	8,400	58.3	234.6	9,000	170
	180	53.5	231.1	5,800	54.7	229.7	6,400	55.8	226.9	7,000	180
	190	50.9	222.9	4,100	52.1	221.5	4,700	53.1	218.5	5,200	190
250	60	80.8	296.4	30,000*							60
	65	79.8	295.4	30,000*	80.1	293.2	30,000*	80.3	289.7	30,000*	65
	70	78.8	294.3	30,000*	79.1	292.0	30,000*	79.3	288.4	30,000*	70
	75	77.8	293.1	30,000*	78.0	290.7	30,000*	78.3	287.0	30,000*	75
	80	76.8	291.8	30,000*	77.0	289.3	30,000*	77.2	285.5	30,000*	80
	85	75.8	290.5	30,000*	76.0	287.8	30,000*	75.1	282.3	30,000*	85
	90	74.7	289.0	30,000*	73.9	284.6	30,000*	73.0	278.6	28,900	90
	100	72.7	285.8	30,000*	71.9	281.0	27,600	70.9	274.5	24,000	100
	110	70.6	282.1	26,200	69.7	276.9	22,800				110
	120	68.5	278.1	21,600	67.6	272.4	18,900	66.5	264.9	16,400	120
	130	66.4	273.6	17,800	65.4	267.4	15,500	64.3	259.4	13,400	130
	140	64.2	268.7	14,500	63.2	262.0	12,600	62.0	253.4	10,800	140
	150	62.0	263.3	11,700	60.9	256.0	10,100	59.6	246.8	8,500	150
	160	59.7	257.3	9,300	58.6	249.5	7,900	57.2	239.6	6,500	160
	170	57.4	250.8	7,100	56.1	242.3	5,900	54.6	231.6	4,700	170
	180	55.0	243.7	5,300	53.7	234.5	4,200				180
	190										190
260	65	80.1	305.6	30,000*	80.4	303.4	30,000*	80.6	300.0	30,000*	65
	70	79.2	304.5	30,000*	79.4	302.2	30,000*	79.6	298.7	30,000*	70
	75	78.2	303.4	30,000*	78.5	301.0	30,000*	78.7	297.4	30,000*	75
	80	77.2	302.2	30,000*	77.5	299.7	30,000*	77.7	295.9	30,000*	80
	85	76.2	300.8	30,000*	76.5	298.3	30,000*	75.7	292.8	30,000*	85
	90	75.3	299.4	30,000*	74.5	295.1	30,000*	73.6	289.3	28,400	90
	100	73.3	296.3	30,000*	72.5	291.6	27,000	71.6	285.3	23,400	100
	110	71.3	292.8	25,600	70.5	287.7	22,200	69.5	281.0	19,300	110
	120	69.3	288.9	21,000	68.4	283.4	18,300	67.4	276.2	15,800	120
	130	67.2	284.6	17,100	66.3	278.6	14,900	65.2	270.9	12,800	130
	140	65.1	279.9	13,800	64.2	273.4	12,000	63.0	265.1	10,200	140
	150	63.0	274.7	11,000	62.0	267.7	9,500	60.8	258.8	7,900	150
	160	60.8	269.0	8,600	59.7	261.5	7,200	58.4	251.9	5,900	160
	170	58.6	262.8	6,500	57.5	254.7	5,300	56.1	244.4	4,100	170
	180	56.3	256.0	4,600							180
	190										190

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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	
90	40	79.9	147.7	20,000*							40
	45	77.8	146.4	20,000*							45
	50	75.7	144.9	20,000*	79.0	144.0	20,000*				50
	55	73.6	143.2	20,000*	76.9	142.3	20,000*	80.2	140.2	20,000*	55
	60	71.5	141.2	20,000*	74.8	140.3	20,000*	78.0	138.3	20,000*	60
	65	69.3	139.1	20,000*	72.6	138.2	20,000*	75.8	136.1	20,000*	65
	70	67.1	136.7	20,000*	70.3	135.8	20,000*	73.5	133.7	20,000*	70
	75	64.9	134.1	20,000*	68.1	133.2	20,000*	71.2	131.0	20,000*	75
	80	62.6	131.3	20,000*	65.8	130.3	20,000*	68.8	128.1	20,000*	80
	85	60.2	128.1	20,000*	63.4	127.1	20,000*	66.4	124.8	20,000*	85
	90	57.8	124.7	20,000*	60.9	123.7	20,000*	63.9	121.3	20,000*	90
	100	52.7	116.8	20,000*	55.8	115.7	20,000*	58.7	113.2	20,000*	100
	110	47.2	107.3	20,000*	50.3	106.1	20,000*	53.0	103.3	19,500*	110
	120	41.1	95.7	20,000*	44.0	94.3	20,000*	46.5	91.1	18,400*	120
	130	33.9	80.9	20,000*	36.8	79.2	19,500*				130
	140	24.8	60.2	19,600*							140
100	40	80.5	157.9	20,000*							40
	45	78.6	156.7	20,000*							45
	50	76.7	155.3	20,000*	79.8	154.4	20,000*				50
	55	74.7	153.7	20,000*	77.8	152.8	20,000*	80.9	150.7	20,000*	55
	60	72.8	152.0	20,000*	75.8	151.0	20,000*	78.8	148.9	20,000*	60
	65	70.8	150.0	20,000*	73.8	149.0	20,000*	76.8	146.9	20,000*	65
	70	68.7	147.8	20,000*	71.7	146.8	20,000*	74.7	144.6	20,000*	70
	75	66.7	145.4	20,000*	69.7	144.4	20,000*	72.6	142.2	20,000*	75
	80	64.5	142.8	20,000*	67.5	141.8	20,000*	70.4	139.5	20,000*	80
	85	62.4	139.9	20,000*	65.4	138.9	20,000*	68.2	136.5	20,000*	85
	90	60.2	136.8	20,000*	63.2	135.7	20,000*	66.0	133.3	20,000*	90
	100	55.6	129.7	20,000*	58.5	128.6	20,000*	61.3	126.0	20,000*	100
	110	50.7	121.3	20,000*	53.6	120.1	20,000*	56.2	117.3	20,000*	110
	120	45.5	111.2	20,000*	48.3	109.9	20,000*	50.7	106.9	19,000*	120
	130	39.6	99.0	20,000*	42.3	97.5	20,000*	44.5	94.0	18,100*	130
	140	32.7	83.5	20,000*	35.3	81.7	19,200*				140
	150	23.8	62.0	19,400*							150
110	45	79.3	167.0	20,000*							45
	50	77.5	165.7	20,000*	80.4	164.7	20,000*				50
	55	75.7	164.2	20,000*	78.6	163.2	20,000*				55
	60	73.9	162.6	20,000*	76.7	161.6	20,000*	79.6	159.4	20,000*	60
	65	72.0	160.7	20,000*	74.9	159.7	20,000*	77.7	157.5	20,000*	65
	70	70.1	158.7	20,000*	72.9	157.7	20,000*	75.7	155.4	20,000*	70
	75	68.2	156.5	20,000*	71.0	155.5	20,000*	73.8	153.2	20,000*	75
	80	66.2	154.1	20,000*	69.1	153.0	20,000*	71.8	150.7	20,000*	80
	85	64.3	151.4	20,000*	67.1	150.4	20,000*	69.8	148.0	20,000*	85
	90	62.2	148.6	20,000*	65.0	147.5	20,000*	67.7	145.1	20,000*	90
	100	58.1	142.1	20,000*	60.8	140.9	20,000*	63.4	138.4	20,000*	100
	110	53.7	134.5	20,000*	56.4	133.3	20,000*	58.9	130.6	20,000*	110
	120	49.0	125.6	20,000*	51.6	124.3	20,000*	54.0	121.4	19,700*	120
	130	43.9	115.0	20,000*	46.5	113.6	20,000*	48.7	110.3	18,700*	130
	140	38.2	102.2	20,000*	40.7	100.5	20,000*	42.7	96.8	17,900*	140
	150	31.5	86.0	20,000*	33.9	84.1	19,100*				150
	160	23.0	63.8	19,300*							160

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

OFFSET 4-1/2 DEGREES

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	
1 2 0	45	80.0	177.3	20,000*							45
	50	78.3	176.0	20,000*	81.0	175.0	20,000*				50
	55	76.6	174.7	20,000*	79.3	173.6	20,000*				55
	60	74.8	173.1	20,000*	77.5	172.1	20,000*	80.2	169.8	20,000*	60
	65	73.1	171.4	20,000*	75.8	170.4	20,000*	78.4	168.1	20,000*	65
	70	71.3	169.5	20,000*	74.0	168.5	20,000*	76.6	166.1	20,000*	70
	75	69.5	167.4	20,000*	72.2	166.4	20,000*	74.8	164.0	20,000*	75
	80	67.7	165.2	20,000*	70.4	164.1	20,000*	73.0	161.7	20,000*	80
	85	65.9	162.7	20,000*	68.5	161.6	20,000*	71.1	159.2	20,000*	85
	90	64.0	160.1	20,000*	66.6	159.0	20,000*	69.2	156.5	20,000*	90
	100	60.2	154.1	20,000*	62.8	153.0	20,000*	65.2	150.4	20,000*	100
	110	56.2	147.2	20,000*	58.7	146.0	20,000*	61.1	143.3	20,000*	110
	120	51.9	139.1	20,000*	54.4	137.8	20,000*	56.7	135.0	20,000*	120
	130	47.4	129.7	20,000*	49.9	128.3	20,000*	52.0	125.2	19,300*	130
	140	42.5	118.6	20,000*	44.9	117.1	20,000*	46.9	113.7	18,400*	140
	150	36.9	105.3	20,000*	39.3	103.5	19,900*				150
	160	30.5	88.5	20,000*	32.7	86.4	18,900*				160
	170	22.2	65.5	19,200*							170
1 3 0	45	80.5	187.5	20,000*							45
	50	78.9	186.3	20,000*							50
	55	77.3	185.0	20,000*	79.9	184.0	20,000*				55
	60	75.7	183.6	20,000*	78.2	182.5	20,000*	80.8	180.2	20,000*	60
	65	74.0	182.0	20,000*	76.6	180.9	20,000*	79.1	178.6	20,000*	65
	70	72.4	180.2	20,000*	74.9	179.1	20,000*	77.4	176.8	20,000*	70
	75	70.7	178.3	20,000*	73.2	177.2	20,000*	75.7	174.8	20,000*	75
	80	69.0	176.2	20,000*	71.5	175.0	20,000*	74.0	172.6	20,000*	80
	85	67.3	173.9	20,000*	69.8	172.7	20,000*	72.2	170.3	20,000*	85
	90	65.6	171.4	20,000*	68.1	170.3	20,000*	70.4	167.8	20,000*	90
	100	62.0	165.9	20,000*	64.5	164.7	20,000*	66.8	162.1	20,000*	100
	110	58.3	159.5	20,000*	60.7	158.2	20,000*	63.0	155.6	20,000*	110
	120	54.4	152.1	20,000*	56.8	150.8	20,000*	59.0	148.0	20,000*	120
	130	50.3	143.6	20,000*	52.7	142.2	20,000*	54.8	139.2	19,800*	130
	140	45.9	133.7	20,000*	48.2	132.3	20,000*	50.2	129.0	18,900*	140
	150	41.2	122.2	20,000*	43.4	120.5	20,000*	45.3	116.9	18,200*	150
	160	35.8	108.3	20,000*	38.0	106.4	19,700*				160
	170	29.6	90.9	20,000*	31.6	88.6	18,800*				170
	180	21.5	67.1	18,400							180
1 4 0	45	81.0	197.7	20,000*							45
	50	79.5	196.6	20,000*							50
	55	78.0	195.4	20,000*	80.4	194.3	20,000*				55
	60	76.4	194.0	20,000*	78.9	192.9	20,000*				60
	65	74.9	192.5	20,000*	77.3	191.4	20,000*	79.7	189.0	20,000*	65
	70	73.3	190.8	20,000*	75.7	189.7	20,000*	78.1	187.3	20,000*	70
	75	71.8	189.0	20,000*	74.2	187.9	20,000*	76.5	185.5	20,000*	75
	80	70.2	187.0	20,000*	72.6	185.9	20,000*	74.9	183.4	20,000*	80
	85	68.6	184.9	20,000*	70.9	183.7	20,000*	73.2	181.3	20,000*	85
	90	66.9	182.5	20,000*	69.3	181.4	20,000*	71.6	178.9	20,000*	90
	100	63.6	177.4	20,000*	65.9	176.2	20,000*	68.2	173.6	20,000*	100
	110	60.2	171.4	20,000*	62.5	170.2	20,000*	64.6	167.5	20,000*	110
	120	56.6	164.6	20,000*	58.9	163.3	20,000*	61.0	160.5	20,000*	120
	130	52.8	156.9	20,000*	55.1	155.5	20,000*	57.1	152.5	20,000*	130
	140	48.9	147.9	20,000*	51.1	146.5	20,000*	53.0	143.3	19,500*	140
	150	44.6	137.6	20,000*	46.8	136.1	20,000*	48.6	132.6	18,700*	150
	160	40.0	125.6	20,000*	42.1	123.8	20,000*	43.8	120.1	18,000*	160
	170	34.8	111.2	20,000*	36.8	109.2	19,500*				170
	180	28.7	93.2	18,000							180

MANITOWOC ENGINEERING CO.

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NEW YORK CITY CODE

JIB NO. 123 WITH 12'6" STRUT ON

BOOM NO. 22E WITH OPEN THROAT TOP

OFFSET 4-1/2 DEGREES

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	50	80.0	206.9	20,000*							50
	55	78.6	205.7	20,000*	80.9	204.6	20,000*				55
	60	77.1	204.4	20,000*		79.4	203.3	20,000*			60
	65	75.7	202.9	20,000*		78.0	201.8	20,000*	80.2	199.4	65
	70	74.2	201.4	20,000*		76.5	200.2	20,000*	78.7	197.8	70
	75	72.7	199.6	20,000*		75.0	198.5	20,000*	77.2	196.1	75
	80	71.2	197.8	20,000*		73.5	196.6	20,000*	75.7	194.2	80
	85	69.7	195.7	20,000*		71.9	194.6	20,000*	74.1	192.1	85
	90	68.1	193.6	20,000*		70.4	192.4	20,000*	72.6	189.9	90
	100	65.0	188.7	20,000*		67.3	187.5	20,000*	69.4	184.9	100
	110	61.8	183.2	20,000*		64.0	181.9	20,000*	66.1	179.2	110
	120	58.5	176.8	20,000*		60.7	175.5	20,000*	62.7	172.7	120
	130	55.0	169.6	20,000*		57.2	168.3	20,000*	59.1	165.4	130
	140	51.4	161.5	20,000*		53.5	160.0	20,000*	55.4	157.0	140
	150	47.5	152.1	20,000*		49.6	150.6	20,000*	51.4	147.3	150
	160	43.4	141.4	20,000*		45.4	139.7	20,000*	47.1	136.2	160
	170	38.9	128.9	19,400		40.9	127.1	19,800	42.4	123.1	170
	180	33.8	114.0	17,500		35.7	111.9	17,700			180
	190	27.9	95.5	15,700							190
160	50	80.5	217.1	20,000*							50
	55	79.1	216.0	20,000*							55
	60	77.8	214.7	20,000*	80.0	213.6	20,000*				60
	65	76.4	213.4	20,000*		78.6	212.2	20,000*	80.7	209.8	65
	70	75.0	211.9	20,000*		77.1	210.7	20,000*	79.3	208.3	70
	75	73.5	210.2	20,000*		75.7	209.1	20,000*	77.9	206.6	75
	80	72.1	208.5	20,000*		74.3	207.3	20,000*	76.4	204.8	80
	85	70.7	206.5	20,000*		72.9	205.4	20,000*	74.9	202.8	85
	90	69.2	204.5	20,000*		71.4	203.3	20,000*	73.5	200.7	90
	100	66.3	199.9	20,000*		68.4	198.7	20,000*	70.5	196.1	100
	110	63.3	194.7	20,000*		65.4	193.4	20,000*	67.4	190.7	110
	120	60.1	188.8	20,000*		62.2	187.5	20,000*	64.2	184.7	120
	130	56.9	182.1	20,000*		59.0	180.7	20,000*	60.9	177.8	130
	140	53.5	174.5	20,000*		55.6	173.1	20,000*	57.4	170.0	140
	150	50.0	165.9	20,000*		52.0	164.4	20,000*	53.8	161.2	150
	160	46.3	156.2	20,000*		48.2	154.6	20,000*	49.9	151.2	160
	170	42.3	145.1	19,000		44.2	143.3	19,400	45.7	139.6	170
	180	37.9	132.1	17,000		39.7	130.2	17,300	41.2	126.1	180
	190	32.9	116.7	15,200		34.7	114.6	15,500			190
	200	27.2	97.7	13,700							200
170	50	80.9	227.3	20,000*							50
	55	79.6	226.2	20,000*							55
	60	78.3	225.0	20,000*	80.4	223.9	20,000*				60
	65	77.0	223.7	20,000*		79.1	222.6	20,000*			65
	70	75.7	222.3	20,000*		77.7	221.1	20,000*	79.8	218.7	70
	75	74.3	220.8	20,000*		76.4	219.6	20,000*	78.4	217.1	75
	80	73.0	219.1	20,000*		75.0	217.9	20,000*	77.1	215.4	80
	85	71.6	217.3	20,000*		73.7	216.1	20,000*	75.7	213.5	85
	90	70.2	215.3	20,000*		72.3	214.1	20,000*	74.3	211.5	90
	100	67.4	211.0	20,000*		69.5	209.7	20,000*	71.4	207.1	100
	110	64.6	206.0	20,000*		66.6	204.8	20,000*	68.5	202.1	110
	120	61.6	200.5	20,000*		63.6	199.2	20,000*	65.5	196.4	120
	130	58.6	194.2	20,000*		60.6	192.8	20,000*	62.4	190.0	130
	140	55.5	187.1	20,000*		57.4	185.7	20,000*	59.2	182.7	140
	150	52.2	179.2	20,000*		54.1	177.7	20,000*	55.8	174.6	150
	160	48.8	170.3	20,000*		50.7	168.7	20,000*	52.3	165.4	160
	170	45.1	160.2	18,600		47.0	158.5	19,000	48.5	155.0	170
	180	41.2	148.6	16,600		43.0	146.8	17,000	44.5	143.0	180
	190	36.9	135.3	14,900		38.7	133.3	15,200			190
	200	32.1	119.4	13,300		33.8	117.2	13,600			200
	210	26.5	99.9	11,900							210

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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	
180	55	80.1	236.4	20,000*							55
	60	78.8	235.3	20,000*	80.8	234.1	20,000*				60
	65	77.6	234.1	20,000*	79.6	232.9	20,000*				65
	70	76.3	232.7	20,000*	78.3	231.5	20,000*	80.3	229.0	20,000*	70
	75	75.0	231.2	20,000*	77.0	230.0	20,000*	79.0	227.5	20,000*	75
	80	73.7	229.6	20,000*	75.7	228.4	20,000*	77.7	225.9	20,000*	80
	85	72.4	227.9	20,000*	74.4	226.7	20,000*	76.3	224.1	20,000*	85
	90	71.1	226.0	20,000*	73.1	224.8	20,000*	75.0	222.2	20,000*	90
	100	68.5	221.9	20,000*	70.4	220.7	20,000*	72.3	218.0	20,000*	100
	110	65.8	217.3	20,000*	67.7	216.0	20,000*	69.5	213.3	20,000*	110
	120	63.0	212.0	20,000*	64.9	210.7	20,000*	66.7	207.9	20,000*	120
	130	60.1	206.1	20,000*	62.0	204.7	20,000*	63.8	201.9	20,000*	130
	140	57.2	199.5	20,000*	59.1	198.1	20,000*	60.8	195.1	20,000*	140
	150	54.1	192.1	20,000*	56.0	190.6	20,000*	57.7	187.5	20,000*	150
	160	51.0	183.8	20,000*	52.8	182.3	20,000*	54.4	179.0	19,700*	160
	170	47.6	174.5	18,100	49.4	172.9	18,600	50.9	169.5	19,000	170
	180	44.0	164.0	16,200	45.8	162.3	16,600	47.3	158.6	16,900	180
	190	40.2	152.1	14,400	42.0	150.2	14,800	43.3	146.3	15,100	190
	200	36.1	138.3	12,900	37.7	136.3	13,200				200
	210	31.4	122.1	11,400	32.9	119.7	11,700				210
	220	25.9	102.0	10,100							220
190	55	80.5	246.7	20,000*							55
	60	79.3	245.6	20,000*							60
	65	78.1	244.4	20,000*	80.0	243.2	20,000*				65
	70	76.9	243.1	20,000*	78.8	241.9	20,000*	80.7	239.3	20,000*	70
	75	75.6	241.7	20,000*	77.6	240.5	20,000*	79.4	237.9	20,000*	75
	80	74.4	240.1	20,000*	76.3	238.9	20,000*	78.2	236.3	20,000*	80
	85	73.2	238.5	20,000*	75.1	237.3	20,000*	76.9	234.7	20,000*	85
	90	71.9	236.7	20,000*	73.8	235.5	20,000*	75.7	232.9	20,000*	90
	100	69.4	232.8	20,000*	71.3	231.5	20,000*	73.1	228.9	20,000*	100
	110	66.8	228.4	20,000*	68.7	227.1	20,000*	70.5	224.4	20,000*	110
	120	64.2	223.4	20,000*	66.0	222.0	20,000*	67.8	219.3	20,000*	120
	130	61.5	217.8	20,000*	63.3	216.4	20,000*	65.0	213.6	20,000*	130
	140	58.7	211.5	20,000*	60.5	210.1	20,000*	62.2	207.2	20,000*	140
	150	55.9	204.6	20,000*	57.7	203.1	20,000*	59.3	200.1	20,000*	150
	160	52.9	196.9	19,800	54.7	195.4	20,000*	56.2	192.2	20,000*	160
	170	49.8	188.3	17,600	51.5	186.7	18,100	53.0	183.3	18,500	170
	180	46.5	178.6	15,600	48.2	177.0	16,100	49.7	173.4	16,400	180
	190	43.0	167.8	13,900	44.7	166.0	14,300	46.1	162.2	14,600	190
	200	39.3	155.5	12,300	41.0	153.6	12,600	42.2	149.5	12,900	200
	210	35.2	141.3	10,900	36.8	139.2	11,200				210
	220	30.7	124.6	9,600	32.1	122.2	9,800				220
	230	25.3	104.0	8,400							230
200	55	80.9	256.8	20,000*							55
	60	79.7	255.8	20,000*							60
	65	78.6	254.7	20,000*	80.4	253.5	20,000*				65
	70	77.4	253.4	20,000*	79.2	252.2	20,000*				70
	75	76.2	252.1	20,000*	78.1	250.8	20,000*	79.9	248.3	20,000*	75
	80	75.1	250.6	20,000*	76.9	249.4	20,000*	78.7	246.8	20,000*	80
	85	73.9	249.0	20,000*	75.7	247.8	20,000*	77.5	245.2	20,000*	85
	90	72.7	247.3	20,000*	74.5	246.1	20,000*	76.3	243.5	20,000*	90
	100	70.3	243.6	20,000*	72.1	242.3	20,000*	73.8	239.6	20,000*	100
	110	67.8	239.4	20,000*	69.6	238.1	20,000*	71.3	235.3	20,000*	110
	120	65.3	234.6	20,000*	67.1	233.3	20,000*	68.8	230.5	20,000*	120
	130	62.7	229.3	20,000*	64.5	227.9	20,000*	66.2	225.1	20,000*	130
	140	60.1	223.4	20,000*	61.9	222.0	20,000*	63.5	219.1	20,000*	140
	150	57.4	216.8	20,000*	59.1	215.4	20,000*	60.7	212.4	20,000*	150
	160	54.6	209.6	19,300	56.3	208.1	19,900	57.9	205.0	20,000*	160
	170	51.7	201.5	17,100	53.4	200.0	17,600	54.9	196.7	18,100	170
	180	48.7	192.6	15,100	50.4	191.0	15,600	51.8	187.6	16,000	180
	190	45.5	182.7	13,400	47.1	180.9	13,800	48.5	177.3	14,200	190
	200	42.1	171.5	11,800	43.7	169.6	12,200	45.0	165.7	12,500	200
	210	38.5	158.8	10,400	40.0	156.8	10,700	41.2	152.6	11,000	210
	220	34.5	144.3	9,100	36.0	142.1	9,400				220
	230	30.0	127.1	7,900	31.4	124.6	8,200				230
	240	24.7	106.0	6,800							240

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

OFFSET 4-1/2 DEGREES

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	
210	60	80.1	266.0	20,000*							60
	65	79.0	264.9	20,000*	80.8	263.7	20,000*				65
	70	77.9	263.7	20,000*	79.7	262.5	20,000*				70
	75	76.8	262.4	20,000*	78.5	261.2	20,000*	80.3	258.6	20,000*	75
	80	75.6	261.0	20,000*	77.4	259.8	20,000*	79.1	257.2	20,000*	80
	85	74.5	259.5	20,000*	76.3	258.3	20,000*	78.0	255.6	20,000*	85
	90	73.4	257.9	20,000*	75.1	256.6	20,000*	76.8	254.0	20,000*	90
	100	71.0	254.3	20,000*	72.8	253.0	20,000*	74.5	250.3	20,000*	100
	110	68.7	250.3	20,000*	70.4	249.0	20,000*	72.1	246.2	20,000*	110
	120	66.3	245.7	20,000*	68.0	244.4	20,000*	69.7	241.6	20,000*	120
	130	63.9	240.7	20,000*	65.6	239.3	20,000*	67.2	236.5	20,000*	130
	140	61.4	235.1	17,600	63.1	233.7	18,700	64.6	230.8	19,600	140
	150	58.8	228.9	14,800	60.5	227.4	15,700	62.0	224.4	16,600	150
	160	56.2	222.0	12,400	57.8	220.6	13,200	59.3	217.4	14,000	160
	170	53.5	214.5	10,200	55.1	212.9	11,000	56.5	209.7	11,700	170
	180	50.6	206.1	8,400	52.2	204.5	9,000	53.6	201.2	9,600	180
	190	47.7	196.9	6,700	49.3	195.2	7,300	50.6	191.7	7,800	190
	200	44.6	186.6	5,200	46.1	184.8	5,700	47.4	181.1	6,100	200
	210				42.8	173.2	4,200	44.0	169.2	4,600	210
220	60	80.5	276.2	20,000*							60
	65	79.4	275.2	20,000*							65
	70	78.3	274.0	20,000*	80.1	272.8	20,000*				70
	75	77.3	272.8	20,000*	79.0	271.5	20,000*	80.6	268.9	20,000*	75
	80	76.2	271.4	20,000*	77.9	270.2	20,000*	79.5	267.5	20,000*	80
	85	75.1	270.0	20,000*	76.8	268.7	20,000*	78.4	266.1	20,000*	85
	90	74.0	268.4	20,000*	75.7	267.1	20,000*	77.3	264.5	20,000*	90
	100	71.8	265.0	20,000*	73.5	263.7	20,000*	75.1	261.0	20,000*	100
	110	69.5	261.1	20,000*	71.2	259.8	20,000*	72.8	257.1	20,000*	110
	120	67.2	256.8	20,000*	68.9	255.4	20,000*	70.5	252.6	20,000*	120
	130	64.9	251.9	20,000*	66.6	250.6	20,000*	68.1	247.7	20,000*	130
	140	62.5	246.6	17,000	64.2	245.2	18,100	65.7	242.3	19,100	140
	150	60.1	240.7	14,200	61.7	239.3	15,100	63.2	236.3	16,000	150
	160	57.6	234.2	11,700	59.2	232.8	12,600	60.7	229.7	13,400	160
	170	55.0	227.1	9,600	56.6	225.6	10,400	58.0	222.4	11,100	170
	180	52.4	219.2	7,700	53.9	217.7	8,400	55.3	214.4	9,000	180
	190	49.6	210.6	6,000	51.1	209.0	6,700	52.5	205.5	7,200	190
	200	46.7	201.0	4,500	48.2	199.3	5,100	49.5	195.7	5,600	200
	210							46.4	184.8	4,100	210
230	60	80.8	286.4	20,000*							60
	65	79.8	285.4	20,000*							65
	70	78.8	284.3	20,000*	80.4	283.0	20,000*				70
	75	77.7	283.1	20,000*	79.4	281.8	20,000*	81.0	279.2	20,000*	75
	80	76.7	281.8	20,000*	78.3	280.5	20,000*	79.9	277.9	20,000*	80
	85	75.6	280.4	20,000*	77.3	279.1	20,000*	78.9	276.5	20,000*	85
	90	74.6	278.9	20,000*	76.2	277.6	20,000*	77.8	274.9	20,000*	90
	100	72.4	275.6	20,000*	74.1	274.3	20,000*	75.6	271.6	20,000*	100
	110	70.3	271.9	20,000*	71.9	270.6	20,000*	73.4	267.8	20,000*	110
	120	68.1	267.7	20,000*	69.7	266.4	20,000*	71.2	263.6	20,000*	120
	130	65.9	263.1	19,500	67.5	261.7	20,000*	69.0	258.9	20,000*	130
	140	63.6	258.0	16,300	65.2	256.6	17,400	66.7	253.7	18,500	140
	150	61.3	252.4	13,400	62.9	251.0	14,500	64.3	248.0	15,400	150
	160	58.9	246.2	11,000	60.5	244.8	11,900	61.9	241.7	12,800	160
	170	56.5	239.4	8,900	58.0	237.9	9,700	59.4	234.8	10,500	170
	180	54.0	232.0	7,000	55.5	230.5	7,700	56.8	227.2	8,400	180
	190	51.3	223.9	5,300	52.8	222.3	6,000	54.2	218.9	6,600	190
	200				50.1	213.3	4,400	51.4	209.8	4,900	200

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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	
240	65	80.1	295.6	20,000*							65
	70	79.2	294.5	20,000*	80.7	293.3	20,000*				70
	75	78.1	293.4	20,000*	79.7	292.1	20,000*				75
	80	77.1	292.1	20,000*	78.7	290.9	20,000*	80.3	288.2	20,000*	80
	85	76.1	290.8	20,000*	77.7	289.5	20,000*	79.3	286.8	20,000*	85
	90	75.1	289.3	20,000*	76.7	288.1	20,000*	78.2	285.4	20,000*	90
	100	73.1	286.2	20,000*	74.6	284.9	20,000*	76.2	282.1	20,000*	100
	110	71.0	282.6	20,000*	72.6	281.3	20,000*	74.1	278.5	20,000*	110
	120	68.9	278.6	20,000*	70.4	277.3	20,000*	71.9	274.5	20,000*	120
	130	66.8	274.2	19,000*	68.3	272.8	20,000*	69.8	270.0	20,000*	130
	140	64.6	269.3	15,700	66.1	267.9	16,900	67.5	265.0	18,000	140
	150	62.4	263.9	12,800	63.9	262.5	13,900	65.3	259.5	14,900	150
	160	60.1	258.0	10,400	61.6	256.6	11,400	63.0	253.5	12,300	160
	170	57.8	251.6	8,300	59.3	250.1	9,100	60.6	247.0	9,900	170
	180	55.4	244.6	6,400	56.9	243.0	7,200	58.2	239.8	7,900	180
	190	52.9	236.9	4,700	54.4	235.3	5,400	55.7	232.0	6,000	190
	200							53.1	223.4	4,400	200
250	65	80.5	305.8	20,000*							65
	70	79.5	304.8	20,000*							70
	75	78.5	303.7	20,000*	80.1	302.4	20,000*				75
	80	77.6	302.5	20,000*	79.1	301.2	20,000*	80.6	298.5	20,000*	80
	85	76.6	301.2	20,000*	78.1	299.9	20,000*	79.6	297.2	20,000*	85
	90	75.6	299.8	20,000*	77.2	298.5	20,000*	78.6	295.8	20,000*	90
	100	73.6	296.7	20,000*	75.2	295.4	20,000*	76.6	292.6	20,000*	100
	110	71.6	293.3	20,000*	73.2	291.9	20,000*	74.6	289.2	20,000*	110
	120	69.6	289.4	20,000*	71.1	288.1	20,000*	72.6	285.3	20,000*	120
	130	67.6	285.2	18,400	69.1	283.8	19,800	70.5	280.9	20,000*	130
	140	65.5	280.5	15,100	67.0	279.1	16,300	68.4	276.2	17,500	140
	150	63.4	275.3	12,300	64.8	273.9	13,400	66.2	270.9	14,400	150
	160	61.2	269.7	9,800	62.7	268.2	10,900	64.0	265.2	11,800	160
	170	59.0	263.6	7,700	60.4	262.1	8,600	61.7	259.0	9,500	170
	180	56.7	256.9	5,800	58.1	255.3	6,600	59.4	252.1	7,400	180
	190	54.4	249.6	4,100	55.8	248.0	4,900	57.0	244.7	5,500	190
260	65	80.8	316.0	20,000*							65
	70	79.9	315.0	20,000*							70
	75	78.9	313.9	20,000*	80.4	312.6	20,000*				75
	80	78.0	312.7	20,000*	79.5	311.4	20,000*	80.9	308.7	20,000*	80
	85	77.0	311.5	20,000*	78.5	310.2	20,000*	80.0	307.5	20,000*	85
	90	76.1	310.1	20,000*	77.6	308.8	20,000*	79.0	306.1	20,000*	90
	100	74.2	307.2	20,000*	75.7	305.9	20,000*	77.1	303.1	20,000*	100
	110	72.3	303.9	20,000*	73.7	302.5	20,000*	75.1	299.8	20,000*	110
	120	70.3	300.2	20,000*	71.8	298.8	20,000*	73.2	296.0	20,000*	120
	130	68.3	296.1	17,700	69.8	294.7	19,200	71.2	291.8	20,000*	130
	140	66.3	291.6	14,500	67.8	290.2	15,700	69.1	287.3	16,900	140
	150	64.3	286.6	11,600	65.7	285.2	12,800	67.1	282.2	13,900	150
	160	62.2	281.2	9,200	63.6	279.8	10,200	64.9	276.8	11,200	160
	170	60.1	275.3	7,000	61.5	273.9	8,000	62.8	270.8	8,900	170
	180	57.9	269.0	5,100	59.3	267.4	6,000	60.6	264.3	6,800	180
	190				57.1	260.5	4,200	58.3	257.2	5,000	190

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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	
90	40	80.5	158.0	10,000*							40
	45	78.6	156.8	10,000*							45
	50	76.7	155.4	10,000*	80.4	154.5	10,000*				50
	55	74.7	153.8	10,000*	78.4	152.9	10,000*				55
	60	72.7	152.0	10,000*	76.4	151.1	10,000*	80.1	149.0	10,000*	60
	65	70.7	150.0	10,000*	74.4	149.1	10,000*	78.1	147.0	10,000*	65
	70	68.7	147.9	10,000*	72.4	146.9	10,000*	76.0	144.7	10,000*	70
	75	66.6	145.5	10,000*	70.3	144.5	10,000*	73.9	142.3	10,000*	75
	80	64.5	142.8	10,000*	68.2	141.9	10,000*	71.7	139.6	10,000*	80
	85	62.4	140.0	10,000*	66.0	139.0	10,000*	69.5	136.7	10,000*	85
	90	60.2	136.9	10,000*	63.8	135.9	10,000*	67.3	133.5	10,000*	90
	100	55.6	129.8	10,000*	59.2	128.7	10,000*	62.6	126.2	10,000*	100
	110	50.7	121.4	10,000*	54.3	120.2	10,000*	57.5	117.5	10,000*	110
	120	45.4	111.3	10,000*	48.9	110.1	10,000*	52.0	107.0	10,000*	120
	130	39.5	99.1	10,000*	42.9	97.7	10,000*	45.9	94.2	10,000*	130
	140	32.7	83.6	10,000*	35.9	81.9	10,000*				140
	150	23.8	62.2	10,000*							150
100	45	79.3	167.1	10,000*	81.0	164.8	10,000*				45
	50	77.5	165.7	10,000*	79.2	163.3	10,000*				50
	55	75.7	164.3	10,000*	77.3	161.7	10,000*				55
	60	73.8	162.6	10,000*	75.4	159.8	10,000*	80.8	159.4	10,000*	60
	65	72.0	160.8	10,000*	73.5	157.8	10,000*	78.9	157.6	10,000*	65
	70	70.1	158.8	10,000*	71.6	155.6	10,000*	77.0	155.5	10,000*	70
	75	68.2	156.5	10,000*	69.6	153.1	10,000*	75.0	153.2	10,000*	75
	80	66.2	154.1	10,000*	67.7	150.5	10,000*	73.0	150.8	10,000*	80
	85	64.2	151.5	10,000*	65.6	147.6	10,000*	71.0	148.1	10,000*	85
	90	62.2	148.6	10,000*	61.4	141.1	10,000*	68.9	145.1	10,000*	90
	100	58.0	142.2	10,000*	57.0	133.4	10,000*	64.6	138.5	10,000*	100
	110	53.7	134.6	10,000*	52.2	124.4	10,000*	60.1	130.7	10,000*	110
	120	49.0	125.7	10,000*	47.1	113.7	10,000*	55.2	121.4	10,000*	120
	130	43.9	115.1	10,000*	41.3	100.7	10,000*	49.9	110.4	10,000*	130
	140	38.2	102.3	10,000*	34.5	84.3	10,000*	43.9	96.9	10,000*	140
	150	31.5	86.1	10,000*							150
	160	23.0	63.9	10,000*							160
110	45	79.9	177.3	10,000*	79.8	173.7	10,000*				45
	50	78.2	176.1	10,000*	78.1	172.2	10,000*				50
	55	76.5	174.7	10,000*	76.3	170.5	10,000*				55
	60	74.8	173.2	10,000*	74.5	168.6	10,000*	79.6	168.1	10,000*	60
	65	73.1	171.4	10,000*	72.7	166.5	10,000*	77.8	166.2	10,000*	65
	70	71.3	169.6	10,000*	70.9	164.2	10,000*	75.9	164.1	10,000*	70
	75	69.5	167.5	10,000*	69.1	161.7	10,000*	74.1	161.8	10,000*	75
	80	67.7	165.2	10,000*	67.2	159.1	10,000*	72.2	159.3	10,000*	80
	85	65.9	162.8	10,000*	63.3	153.1	10,000*	70.3	156.5	10,000*	85
	90	64.0	160.1	10,000*	59.3	146.1	10,000*	66.4	150.4	10,000*	90
	100	60.1	154.2	10,000*	55.0	138.0	10,000*	62.2	143.3	10,000*	100
	110	56.1	147.2	10,000*	50.4	128.5	10,000*	57.9	135.0	10,000*	110
	120	51.9	139.2	10,000*	45.4	117.2	10,000*	53.2	125.3	10,000*	120
	130	47.4	129.8	10,000*	39.8	103.7	10,000*	48.0	113.7	10,000*	130
	140	42.4	118.7	10,000*	33.3	86.6	10,000*	42.2	99.6	10,000*	140
	150	36.9	105.4	10,000*							150
	160	30.5	88.6	10,000*							160
	170	22.2	65.6	10,000*							170

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

OFFSET 4-1/2 DEGREES

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	
1 2 0	45	80.5	187.5	10,000*							45
	50	78.9	186.4	10,000*							50
	55	77.3	185.1	10,000*	80.4	184.1	10,000*				55
	60	75.7	183.6	10,000*	78.8	182.6	10,000*				60
	65	74.0	182.0	10,000*	77.1	181.0	10,000*	80.2	178.6	10,000*	65
	70	72.4	180.3	10,000*	75.4	179.2	10,000*	78.5	176.8	10,000*	70
	75	70.7	178.3	10,000*	73.8	177.3	10,000*	76.8	174.8	10,000*	75
	80	69.0	176.2	10,000*	72.1	175.1	10,000*	75.1	172.6	10,000*	80
	85	67.3	173.9	10,000*	70.3	172.8	10,000*	73.3	170.3	10,000*	85
	90	65.5	171.4	10,000*	68.6	170.3	10,000*	71.5	167.8	10,000*	90
	100	62.0	165.9	10,000*	65.0	164.8	10,000*	67.9	162.1	10,000*	100
	110	58.3	159.5	10,000*	61.3	158.3	10,000*	64.1	155.6	10,000*	110
	120	54.4	152.2	10,000*	57.3	150.9	10,000*	60.1	148.0	10,000*	120
	130	50.3	143.7	10,000*	53.2	142.3	10,000*	55.9	139.2	10,000*	130
	140	45.9	133.8	10,000*	48.8	132.4	10,000*	51.3	129.0	10,000*	140
	150	41.1	122.2	10,000*	43.9	120.7	10,000*	46.3	116.9	10,000*	150
	160	35.8	108.4	10,000*	38.5	106.5	10,000*	40.7	102.2	10,000*	160
	170	29.6	91.0	10,000*	32.1	88.8	10,000*				170
	180	21.5	67.3	10,000*							180
1 3 0	45	81.0	197.8	10,000*							45
	50	79.5	196.7	10,000*							50
	55	78.0	195.4	10,000*	80.9	194.4	10,000*				55
	60	76.4	194.1	10,000*	79.4	193.0	10,000*				60
	65	74.9	192.5	10,000*	77.8	191.5	10,000*	80.7	189.0	10,000*	65
	70	73.3	190.9	10,000*	76.2	189.8	10,000*	79.1	187.3	10,000*	70
	75	71.7	189.0	10,000*	74.7	188.0	10,000*	77.5	185.4	10,000*	75
	80	70.1	187.1	10,000*	73.0	186.0	10,000*	75.9	183.4	10,000*	80
	85	68.5	184.9	10,000*	71.4	183.8	10,000*	74.3	181.2	10,000*	85
	90	66.9	182.6	10,000*	69.8	181.5	10,000*	72.6	178.8	10,000*	90
	100	63.6	177.4	10,000*	66.4	176.3	10,000*	69.2	173.6	10,000*	100
	110	60.1	171.5	10,000*	63.0	170.3	10,000*	65.7	167.5	10,000*	110
	120	56.6	164.7	10,000*	59.4	163.4	10,000*	62.0	160.5	10,000*	120
	130	52.8	156.9	10,000*	55.6	155.6	10,000*	58.1	152.5	10,000*	130
	140	48.8	148.0	10,000*	51.6	146.6	10,000*	54.0	143.3	10,000*	140
	150	44.6	137.7	10,000*	47.3	136.2	10,000*	49.6	132.6	10,000*	150
	160	40.0	125.6	10,000*	42.6	124.0	10,000*	44.8	120.0	10,000*	160
	170	34.8	111.3	10,000*	37.3	109.3	10,000*				170
	180	28.7	93.3	10,000*	31.1	91.0	10,000*				180
	190	20.9	68.9	10,000*							190
1 4 0	50	80.0	206.9	10,000*							50
	55	78.6	205.7	10,000*							55
	60	77.1	204.4	10,000*	79.9	203.3	10,000*				60
	65	75.6	203.0	10,000*	78.4	201.9	10,000*				65
	70	74.2	201.4	10,000*	76.9	200.3	10,000*	79.7	197.8	10,000*	70
	75	72.7	199.7	10,000*	75.4	198.6	10,000*	78.2	196.0	10,000*	75
	80	71.2	197.8	10,000*	73.9	196.7	10,000*	76.7	194.1	10,000*	80
	85	69.7	195.8	10,000*	72.4	194.7	10,000*	75.1	192.0	10,000*	85
	90	68.1	193.6	10,000*	70.9	192.5	10,000*	73.5	189.8	10,000*	90
	100	65.0	188.8	10,000*	67.7	187.6	10,000*	70.3	184.8	10,000*	100
	110	61.8	183.2	10,000*	64.5	182.0	10,000*	67.0	179.2	10,000*	110
	120	58.4	176.9	10,000*	61.1	175.6	10,000*	63.6	172.7	10,000*	120
	130	55.0	169.7	10,000*	57.6	168.4	10,000*	60.1	165.3	10,000*	130
	140	51.3	161.5	10,000*	54.0	160.1	10,000*	56.3	156.9	10,000*	140
	150	47.5	152.2	10,000*	50.1	150.7	10,000*	52.4	147.2	10,000*	150
	160	43.4	141.5	10,000*	45.9	139.8	10,000*	48.1	136.1	10,000*	160
	170	38.9	129.0	10,000*	41.3	127.2	10,000*	43.4	123.0	10,000*	170
	180	33.8	114.1	10,000*	36.2	112.1	10,000*				180
	190	27.9	95.6	10,000*	30.1	93.1	10,000*				190
	200	20.3	70.4	10,000*							200

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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	50	80.5	217.1	10,000*							50
	55	79.1	216.0	10,000*							55
	60	77.7	214.8	10,000*	80.4	213.7	10,000*				60
	65	76.3	213.4	10,000*	79.0	212.3	10,000*				65
	70	74.9	211.9	10,000*	77.6	210.8	10,000*	80.2	208.2	10,000*	70
	75	73.5	210.3	10,000*	76.2	209.1	10,000*	78.8	206.5	10,000*	75
	80	72.1	208.5	10,000*	74.7	207.4	10,000*	77.3	204.7	10,000*	80
	85	70.7	206.6	10,000*	73.3	205.4	10,000*	75.9	202.7	10,000*	85
	90	69.2	204.5	10,000*	71.8	203.4	10,000*	74.4	200.6	10,000*	90
	100	66.3	200.0	10,000*	68.9	198.8	10,000*	71.4	196.0	10,000*	100
	110	63.2	194.7	10,000*	65.8	193.5	10,000*	68.3	190.6	10,000*	110
	120	60.1	188.8	10,000*	62.7	187.5	10,000*	65.1	184.6	10,000*	120
	130	56.9	182.1	10,000*	59.4	180.8	10,000*	61.8	177.7	10,000*	130
	140	53.5	174.5	10,000*	56.0	173.2	10,000*	58.3	169.9	10,000*	140
	150	50.0	166.0	10,000*	52.5	164.5	10,000*	54.7	161.1	10,000*	150
	160	46.3	156.3	10,000*	48.7	154.7	10,000*	50.8	151.1	10,000*	160
	170	42.2	145.1	10,000*	44.6	143.4	10,000*	46.6	139.5	10,000*	170
	180	37.9	132.2	10,000*	40.2	130.3	10,000*	42.1	126.0	10,000*	180
	190	32.9	116.8	10,000*	35.2	114.7	10,000*				190
	200	27.2	97.8	10,000*							200
160	50	80.9	227.3	10,000*							50
	55	79.6	226.3	10,000*							55
	60	78.3	225.1	10,000*	80.8	223.9	10,000*				60
	65	77.0	223.8	10,000*	79.5	222.6	10,000*				65
	70	75.6	222.4	10,000*	78.2	221.2	10,000*	80.7	218.5	10,000*	70
	75	74.3	220.8	10,000*	76.8	219.6	10,000*	79.3	217.0	10,000*	75
	80	72.9	219.1	10,000*	75.5	217.9	10,000*	77.9	215.2	10,000*	80
	85	71.6	217.3	10,000*	74.1	216.1	10,000*	76.5	213.4	10,000*	85
	90	70.2	215.4	10,000*	72.7	214.2	10,000*	75.1	211.4	10,000*	90
	100	67.4	211.0	10,000*	69.9	209.8	10,000*	72.3	207.0	10,000*	100
	110	64.5	206.1	10,000*	67.0	204.8	10,000*	69.4	202.0	10,000*	110
	120	61.6	200.5	10,000*	64.1	199.2	10,000*	66.4	196.3	10,000*	120
	130	58.6	194.2	10,000*	61.0	192.9	10,000*	63.3	189.8	10,000*	130
	140	55.5	187.2	10,000*	57.9	185.8	10,000*	60.1	182.6	10,000*	140
	150	52.2	179.3	10,000*	54.6	177.8	10,000*	56.7	174.5	10,000*	150
	160	48.7	170.3	10,000*	51.1	168.8	10,000*	53.2	165.3	10,000*	160
	170	45.1	160.2	10,000*	47.4	158.6	10,000*	49.4	154.8	10,000*	170
	180	41.2	148.7	10,000*	43.5	146.9	10,000*	45.3	142.8	10,000*	180
	190	36.9	135.4	10,000*	39.1	133.4	10,000*	40.8	128.8	10,000*	190
	200	32.1	119.5	10,000*	34.2	117.3	10,000*				200
	210	26.5	100.0	10,000*							210
170	55	80.1	236.5	10,000*							55
	60	78.8	235.4	10,000*							60
	65	77.5	234.1	10,000*	80.0	232.9	10,000*				65
	70	76.3	232.8	10,000*	78.7	231.6	10,000*				70
	75	75.0	231.3	10,000*	77.4	230.1	10,000*	79.8	227.4	10,000*	75
	80	73.7	229.7	10,000*	76.1	228.5	10,000*	78.5	225.7	10,000*	80
	85	72.4	228.0	10,000*	74.8	226.7	10,000*	77.2	224.0	10,000*	85
	90	71.1	226.1	10,000*	73.5	224.9	10,000*	75.8	222.1	10,000*	90
	100	68.4	222.0	10,000*	70.8	220.7	10,000*	73.1	217.9	10,000*	100
	110	65.7	217.3	10,000*	68.1	216.0	10,000*	70.4	213.1	10,000*	110
	120	63.0	212.0	10,000*	65.3	210.7	10,000*	67.5	207.8	10,000*	120
	130	60.1	206.1	10,000*	62.4	204.8	10,000*	64.6	201.7	10,000*	130
	140	57.2	199.5	10,000*	59.5	198.1	10,000*	61.6	195.0	10,000*	140
	150	54.1	192.1	10,000*	56.4	190.7	10,000*	58.5	187.4	10,000*	150
	160	50.9	183.9	10,000*	53.2	182.3	10,000*	55.2	178.9	10,000*	160
	170	47.6	174.6	10,000*	49.8	173.0	10,000*	51.8	169.3	10,000*	170
	180	44.0	164.1	10,000*	46.2	162.4	10,000*	48.1	158.5	10,000*	180
	190	40.2	152.2	10,000*	42.4	150.3	10,000*	44.1	146.1	10,000*	190
	200	36.0	138.4	10,000*	38.1	136.4	10,000*				200
	210	31.4	122.2	10,000*	33.4	119.8	10,000*				210
	220	25.9	102.1	10,000*							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	
180	55	80.5	246.7	10,000*							55
	60	79.3	245.6	10,000*							60
	65	78.1	244.4	10,000*	80.4	243.2	10,000*				65
	70	76.8	243.1	10,000*	79.2	241.9	10,000*				70
	75	75.6	241.7	10,000*	77.9	240.5	10,000*	80.2	237.8	10,000*	75
	80	74.4	240.2	10,000*	76.7	239.0	10,000*	79.0	236.2	10,000*	80
	85	73.2	238.5	10,000*	75.5	237.3	10,000*	77.7	234.5	10,000*	85
	90	71.9	236.8	10,000*	74.2	235.5	10,000*	76.5	232.7	10,000*	90
	100	69.4	232.9	10,000*	71.7	231.6	10,000*	73.9	228.7	10,000*	100
	110	66.8	228.4	10,000*	69.1	227.1	10,000*	71.3	224.2	10,000*	110
	120	64.2	223.4	10,000*	66.4	222.1	10,000*	68.6	219.1	10,000*	120
	130	61.5	217.8	10,000*	63.7	216.5	10,000*	65.8	213.4	10,000*	130
	140	58.7	211.6	10,000*	60.9	210.2	10,000*	63.0	207.0	10,000*	140
	150	55.8	204.7	10,000*	58.0	203.2	10,000*	60.1	199.9	10,000*	150
	160	52.9	196.9	10,000*	55.0	195.4	10,000*	57.0	192.0	10,000*	160
	170	49.8	188.3	10,000*	51.9	186.7	10,000*	53.8	183.2	10,000*	170
	180	46.5	178.7	10,000*	48.6	177.0	10,000*	50.5	173.2	10,000*	180
	190	43.0	167.9	10,000*	45.1	166.1	10,000*	46.9	162.0	10,000*	190
	200	39.3	155.6	10,000*	41.3	153.7	10,000*	43.0	149.2	10,000*	200
	210	35.2	141.4	10,000*	37.2	139.3	10,000*				210
	220	30.7	124.7	10,000*	32.5	122.3	10,000*				220
	230	25.3	104.1	9,200							230
190	55	80.9	256.9	10,000*							55
	60	79.7	255.9	10,000*							60
	65	78.5	254.7	10,000*	80.8	253.5	10,000*				65
	70	77.4	253.5	10,000*	79.6	252.3	10,000*				70
	75	76.2	252.1	10,000*	78.4	250.9	10,000*	80.6	248.1	10,000*	75
	80	75.0	250.7	10,000*	77.3	249.4	10,000*	79.4	246.6	10,000*	80
	85	73.8	249.1	10,000*	76.1	247.8	10,000*	78.2	245.0	10,000*	85
	90	72.7	247.4	10,000*	74.9	246.1	10,000*	77.0	243.3	10,000*	90
	100	70.2	243.6	10,000*	72.4	242.4	10,000*	74.6	239.5	10,000*	100
	110	67.8	239.4	10,000*	70.0	238.1	10,000*	72.1	235.2	10,000*	110
	120	65.3	234.7	10,000*	67.5	233.3	10,000*	69.5	230.3	10,000*	120
	130	62.7	229.4	10,000*	64.9	228.0	10,000*	66.9	224.9	10,000*	130
	140	60.1	223.5	10,000*	62.2	222.1	10,000*	64.2	218.9	10,000*	140
	150	57.4	216.9	10,000*	59.5	215.5	10,000*	61.5	212.2	10,000*	150
	160	54.6	209.7	10,000*	56.7	208.2	10,000*	58.6	204.8	10,000*	160
	170	51.7	201.6	10,000*	53.8	200.1	10,000*	55.6	196.5	10,000*	170
	180	48.7	192.7	10,000*	50.7	191.0	10,000*	52.5	187.3	10,000*	180
	190	45.5	182.7	10,000*	47.5	181.0	10,000*	49.2	177.1	10,000*	190
	200	42.1	171.6	10,000*	44.1	169.7	10,000*	45.7	165.5	10,000*	200
	210	38.5	158.9	10,000*	40.4	156.9	10,000*	41.9	152.3	10,000*	210
	220	34.5	144.4	9,900	36.4	142.1	10,000*				220
	230	30.0	127.2	8,700	31.8	124.7	8,900				230
	240	24.7	106.2	7,600							240
200	60	80.1	266.1	10,000*							60
	65	79.0	265.0	10,000*							65
	70	77.9	263.8	10,000*	80.0	262.5	10,000*				70
	75	76.7	262.5	10,000*	78.9	261.2	10,000*	81.0	258.4	10,000*	75
	80	75.6	261.1	10,000*	77.8	259.8	10,000*	79.9	257.0	10,000*	80
	85	74.5	259.6	10,000*	76.6	258.3	10,000*	78.7	255.5	10,000*	85
	90	73.3	258.0	10,000*	75.5	256.7	10,000*	77.6	253.8	10,000*	90
	100	71.0	254.4	10,000*	73.1	253.1	10,000*	75.2	250.2	10,000*	100
	110	68.7	250.3	10,000*	70.8	249.0	10,000*	72.8	246.1	10,000*	110
	120	66.3	245.8	10,000*	68.4	244.4	10,000*	70.4	241.4	10,000*	120
	130	63.9	240.7	10,000*	65.9	239.4	10,000*	67.9	236.3	10,000*	130
	140	61.4	235.1	10,000*	63.4	233.7	10,000*	65.4	230.6	10,000*	140
	150	58.8	228.9	10,000*	60.9	227.5	10,000*	62.8	224.2	10,000*	150
	160	56.2	222.1	10,000*	58.2	220.6	10,000*	60.1	217.2	10,000*	160
	170	53.5	214.5	10,000*	55.5	213.0	10,000*	57.3	209.5	10,000*	170
	180	50.6	206.2	9,200	52.6	204.6	10,000*	54.4	200.9	10,000*	180
	190	47.7	196.9	7,500	49.6	195.3	8,200	51.3	191.4	8,800	190
	200	44.5	186.7	6,000	46.5	184.9	6,600	48.1	180.8	7,100	200
	210	41.2	175.2	4,600	43.1	173.3	5,200	44.7	168.9	5,600	210
	220							40.9	155.4	4,200	220

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

OFFSET 4-1/2 DEGREES

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	
210	60	80.5	276.3	10,000*							60
	65	79.4	275.2	10,000*							65
	70	78.3	274.1	10,000*	80.4	272.8	10,000*				70
	75	77.2	272.8	10,000*	79.3	271.6	10,000*				75
	80	76.2	271.5	10,000*	78.2	270.2	10,000*	80.3	267.4	10,000*	80
	85	75.1	270.0	10,000*	77.1	268.7	10,000*	79.1	265.9	10,000*	85
	90	74.0	268.5	10,000*	76.0	267.2	10,000*	78.0	264.3	10,000*	90
	100	71.8	265.0	10,000*	73.8	263.7	10,000*	75.8	260.8	10,000*	100
	110	69.5	261.2	10,000*	71.5	259.8	10,000*	73.5	256.9	10,000*	110
	120	67.2	256.8	10,000*	69.2	255.5	10,000*	71.2	252.4	10,000*	120
	130	64.9	252.0	10,000*	66.9	250.6	10,000*	68.8	247.5	10,000*	130
	140	62.5	246.7	10,000*	64.5	245.3	10,000*	66.4	242.1	10,000*	140
	150	60.1	240.8	10,000*	62.1	239.3	10,000*	63.9	236.1	10,000*	150
	160	57.6	234.3	10,000*	59.6	232.8	10,000*	61.4	229.5	10,000*	160
	170	55.0	227.2	10,000*	57.0	225.6	10,000*	58.7	222.2	10,000*	170
	180	52.4	219.3	8,600	54.3	217.7	9,400	56.0	214.1	10,000*	180
220	60	80.8	286.5	10,000*							60
	65	79.8	285.5	10,000*							65
	70	78.7	284.4	10,000*	80.7	283.1	10,000*				70
	75	77.7	283.1	10,000*	79.7	281.9	10,000*				75
	80	76.7	281.8	10,000*	78.6	280.6	10,000*	80.6	277.7	10,000*	80
	85	75.6	280.5	10,000*	77.6	279.2	10,000*	79.6	276.3	10,000*	85
	90	74.6	279.0	10,000*	76.5	277.6	10,000*	78.5	274.7	10,000*	90
	100	72.4	275.7	10,000*	74.4	274.3	10,000*	76.3	271.4	10,000*	100
	110	70.3	271.9	10,000*	72.2	270.6	10,000*	74.1	267.6	10,000*	110
	120	68.1	267.8	10,000*	70.0	266.4	10,000*	71.9	263.4	10,000*	120
	130	65.9	263.2	10,000*	67.8	261.8	10,000*	69.6	258.7	10,000*	130
	140	63.6	258.1	10,000*	65.5	256.6	10,000*	67.3	253.5	10,000*	140
	150	61.3	252.4	10,000*	63.2	251.0	10,000*	65.0	247.8	10,000*	150
	160	58.9	246.3	10,000*	60.8	244.8	10,000*	62.5	241.5	10,000*	160
	170	56.5	239.5	9,800	58.3	238.0	10,000*	60.1	234.6	10,000*	170
	180	53.9	232.1	8,000	55.8	230.5	8,800	57.5	227.0	9,600	180
230	60	80.1	295.7	10,000*							60
	65	79.1	294.6	10,000*							65
	70	78.1	293.4	10,000*	80.1	292.1	10,000*				70
	75	77.1	292.2	10,000*	79.0	290.9	10,000*	81.0	288.0	10,000*	75
	80	76.1	290.8	10,000*	78.0	289.5	10,000*	79.9	286.6	10,000*	80
	85	75.1	289.4	10,000*	77.0	288.1	10,000*	78.9	285.1	10,000*	85
	90	73.0	286.2	10,000*	75.0	284.9	10,000*	76.8	281.9	10,000*	90
	100	71.0	282.6	10,000*	72.9	281.3	10,000*	74.7	278.3	10,000*	100
	110	68.9	278.7	10,000*	70.8	277.3	10,000*	72.6	274.2	10,000*	110
	120	66.7	274.2	10,000*	68.6	272.8	10,000*	70.4	269.7	10,000*	120
	130	64.6	269.3	10,000*	66.4	267.9	10,000*	68.2	264.8	10,000*	130
	140	62.4	264.0	10,000*	64.2	262.5	10,000*	65.9	259.3	10,000*	140
	150	60.1	258.1	10,000*	61.9	256.6	10,000*	63.6	253.3	10,000*	150
	160	57.8	251.7	9,100	59.6	250.1	10,000*	61.3	246.7	10,000*	160
	170	55.4	244.6	7,200	57.2	243.1	8,200	58.8	239.5	9,000	170
	180	52.9	236.9	5,500	54.7	235.3	6,400	56.3	231.7	7,200	180
	190	50.4	228.5	4,000	52.1	226.8	4,800	53.7	223.1	5,500	190
	200							51.0	213.6	4,000	200
	210										210

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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	
240	65	80.5	305.9	10,000*							65
	70	79.5	304.8	10,000*							70
	75	78.5	303.7	10,000*	80.4	302.4	10,000*				75
	80	77.6	302.5	10,000*	79.4	301.2	10,000*				80
	85	76.6	301.2	10,000*	78.4	299.9	10,000*	80.3	296.9	10,000*	85
	90	75.6	299.8	10,000*	77.5	298.5	10,000*	79.3	295.5	10,000*	90
	100	73.6	296.8	10,000*	75.5	295.4	10,000*	77.3	292.4	10,000*	100
	110	71.6	293.3	10,000*	73.5	291.9	10,000*	75.2	288.9	10,000*	110
	120	69.6	289.5	10,000*	71.4	288.1	10,000*	73.2	285.0	10,000*	120
	130	67.6	285.2	10,000*	69.4	283.8	10,000*	71.1	280.7	10,000*	130
	140	65.5	280.5	10,000*	67.3	279.1	10,000*	69.0	275.9	10,000*	140
	150	63.4	275.4	10,000*	65.1	273.9	10,000*	66.8	270.7	10,000*	150
	160	61.2	269.8	10,000*	63.0	268.3	10,000*	64.6	265.0	10,000*	160
	170	59.0	263.6	8,500	60.7	262.1	9,600	62.4	258.7	10,000*	170
	180	56.7	256.9	6,600	58.5	255.4	7,600	60.0	251.9	8,500	180
	190	54.4	249.6	4,900	56.1	248.0	5,800	57.7	244.4	6,600	190
	200				53.7	240.0	4,200	55.2	236.3	5,000	200
250	65	80.8	316.0	10,000*							65
	70	79.8	315.1	10,000*							70
	75	78.9	314.0	10,000*	80.7	312.6	10,000*				75
	80	78.0	312.8	10,000*	79.8	311.5	10,000*				80
	85	77.0	311.5	10,000*	78.8	310.2	10,000*	80.6	307.2	10,000*	85
	90	76.1	310.2	10,000*	77.9	308.9	10,000*	79.6	305.9	10,000*	90
	100	74.2	307.2	10,000*	76.0	305.9	10,000*	77.7	302.9	10,000*	100
	110	72.2	303.9	10,000*	74.0	302.6	10,000*	75.7	299.5	10,000*	110
	120	70.3	300.2	10,000*	72.1	298.8	10,000*	73.8	295.8	10,000*	120
	130	68.3	296.1	10,000*	70.1	294.7	10,000*	71.8	291.6	10,000*	130
	140	66.3	291.6	10,000*	68.1	290.2	10,000*	69.7	287.0	10,000*	140
	150	64.3	286.7	10,000*	66.0	285.2	10,000*	67.7	282.0	10,000*	150
	160	62.2	281.3	10,000*	63.9	279.8	10,000*	65.5	276.5	10,000*	160
	170	60.1	275.4	7,900	61.8	273.9	9,100	63.4	270.5	10,000*	170
	180	57.9	269.0	6,000	59.6	267.5	7,100	61.2	264.0	8,000	180
	190	55.7	262.1	4,300	57.4	260.5	5,300	58.9	256.9	6,100	190
	200							56.6	249.2	4,500	200