

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7775-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. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 176519, JIB ASSEMBLY NO. 176953, AND WIRE ROPE SPECIFICATION CHART NO. 7773-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION. REFER TO OPERATORS MANUAL FOR OPERATING GUIDELINES.

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

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

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

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

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

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

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

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MEETS
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REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
90	35	79.1	128.0	40,000*							35
	40	76.7	126.7	40,000*	79.0	126.0	40,000*	78.7	123.0	40,000*	40
	45	74.3	125.1	40,000*	76.5	124.4	40,000*	76.2	121.2	40,000*	45
	50	71.8	123.3	40,000*	74.1	122.6	40,000*	73.7	119.1	40,000*	50
	55	69.3	121.2	40,000*	71.5	120.5	40,000*	71.1	116.7	40,000*	55
	60	66.7	118.8	40,000*	69.0	118.2	40,000*	68.4	114.0	40,000*	60
	65	64.1	116.2	40,000*	66.3	115.5	40,000*	65.7	111.0	40,000*	65
	70	61.4	113.3	40,000*	63.6	112.6	40,000*	62.8	107.7	38,700*	70
	75	58.6	110.0	40,000*	60.8	109.3	40,000*	59.9	104.0	37,200*	75
	80	55.8	106.4	40,000*	58.0	105.6	40,000*	56.8	99.8	35,800*	80
	85	52.8	102.4	40,000*	55.0	101.6	40,000*	53.6	95.2	34,600*	85
	90	49.7	97.9	40,000*	51.8	97.1	40,000*	46.6	84.2	32,500*	90
100	100	42.9	87.2	35,600	45.0	86.3	35,900				100
	110	35.0	73.4	30,900	36.9	72.2	31,200				110
	120	24.7	53.5	27,100							120
	35	79.9	138.3	40,000*							35
	40	77.7	137.1	40,000*	79.8	136.4	40,000*	79.6	133.5	40,000*	40
	45	75.5	135.6	40,000*	77.6	134.9	40,000*	77.3	131.8	40,000*	45
	50	73.2	133.9	40,000*	75.3	133.2	40,000*	75.0	129.8	40,000*	50
	55	70.9	132.0	40,000*	73.0	131.3	40,000*	72.6	127.7	40,000*	55
	60	68.6	129.9	40,000*	70.7	129.2	40,000*	70.2	125.2	40,000*	60
	65	66.2	127.5	40,000*	68.3	126.8	40,000*	67.7	122.5	40,000*	65
	70	63.8	124.8	40,000*	65.8	124.1	40,000*	65.2	119.6	40,000*	70
	75	61.3	121.9	40,000*	63.3	121.2	40,000*	62.6	116.3	38,600*	75
110	80	58.8	118.7	40,000*	60.8	117.9	40,000*	59.9	112.6	37,200*	80
	85	56.1	115.1	40,000*	58.1	114.3	40,000*	57.1	108.6	35,900*	85
	90	53.4	111.2	40,000*	55.4	110.4	40,000*	51.1	99.2	33,700*	90
	100	47.6	102.1	35,200	49.5	101.2	35,600	44.4	87.5	31,100	100
	110	41.1	90.8	30,600	43.0	89.7	30,800				110
	120	33.5	76.2	26,700	35.3	74.9	26,900				120
	130	23.6	55.4	23,400							130
	35	80.6	148.5	40,000*							35
	40	78.6	147.4	40,000*	80.6	146.7	40,000*	80.4	143.9	40,000*	40
	45	76.5	146.0	40,000*	78.5	145.3	40,000*	78.3	142.3	40,000*	45
	50	74.4	144.5	40,000*	76.4	143.8	40,000*	76.1	140.5	40,000*	50
	55	72.3	142.7	40,000*	74.3	142.0	40,000*	74.0	138.5	40,000*	55
120	60	70.2	140.8	40,000*	72.1	140.0	40,000*	71.7	136.3	40,000*	60
	65	68.0	138.6	40,000*	69.9	137.8	40,000*	69.5	133.8	40,000*	65
	70	65.8	136.2	40,000*	67.7	135.4	40,000*	67.2	131.1	40,000*	70
	75	63.5	133.5	40,000*	65.4	132.7	40,000*	64.8	128.1	39,900*	75
	80	61.2	130.6	40,000*	63.1	129.8	40,000*	62.4	124.9	38,500*	80
	85	58.8	127.4	40,000*	60.7	126.6	40,000*	59.9	121.3	37,200*	85
	90	56.4	123.9	40,000*	58.3	123.0	40,000*	54.7	113.0	34,900*	90
	100	51.3	115.8	34,700	53.1	114.9	35,100	48.9	103.0	30,700	100
	110	45.7	106.1	30,000	47.5	105.1	30,400	42.5	90.6	26,700	110
	120	39.5	94.1	26,200	41.2	93.0	26,400				120
	130	32.2	78.8	22,900	33.8	77.5	23,100				130
	140	22.7	57.1	20,200							140
130	40	79.3	157.7	40,000*							40
	45	77.4	156.4	40,000*	79.3	155.7	40,000*	79.1	152.7	40,000*	45
	50	75.5	155.0	40,000*	77.3	154.2	40,000*	77.1	151.1	40,000*	50
	55	73.5	153.3	40,000*	75.4	152.6	40,000*	75.1	149.2	40,000*	55
	60	71.5	151.5	40,000*	73.4	150.8	40,000*	73.0	147.2	40,000*	60
	65	69.5	149.5	40,000*	71.3	148.8	40,000*	71.0	144.9	40,000*	65
	70	67.5	147.3	40,000*	69.3	146.5	40,000*	68.8	142.4	40,000*	70
	75	65.4	144.8	40,000*	67.2	144.1	40,000*	66.7	139.7	40,000*	75
	80	63.3	142.1	40,000*	65.1	141.4	40,000*	64.5	136.7	39,700*	80
	85	61.1	139.2	40,000*	62.9	138.4	40,000*	62.2	133.5	38,400*	85
	90	58.9	136.0	40,000*	60.7	135.2	40,000*	57.5	126.1	35,200	90
	100	54.3	128.8	34,300	56.0	127.9	34,700	52.5	117.3	30,300	100
140	110	49.4	120.2	29,600	51.1	119.3	30,000	47.0	106.7	26,300	110
	120	44.0	109.9	25,800	45.7	108.9	26,100				120
	130	38.1	97.4	22,500	39.6	96.2	22,800				130
	140	31.0	81.4	19,800	32.5	80.0	20,000				140
	150	21.8	58.8	17,400							150

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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	
130	40	80.0	167.9	40,000*							40
	45	78.2	166.7	40,000*	79.9	166.0	40,000*	79.8	163.1	40,000*	45
	50	76.4	165.4	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	39,800	62.7	147.1	40,000*	64.2	145.3	39,500*	90
	100	56.9	141.3	34,000	58.5	140.4	34,500	59.9	138.6	35,000	100
	110	52.4	133.5	29,300	54.0	132.6	29,800	55.4	130.7	30,100	110
	120	47.7	124.5	25,500	49.3	123.5	25,900	50.5	121.4	26,100	120
	130	42.5	113.6	22,300	44.1	112.6	22,600	45.2	110.2	22,800	130
140	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	39,400	64.5	158.6	40,000*	65.9	156.9	40,000*	90
	100	59.0	153.4	33,600	60.6	152.5	34,100	62.0	150.7	34,600	100
	110	55.0	146.3	28,900	56.5	145.4	29,400	57.8	143.5	29,800	110
	120	50.7	138.1	25,100	52.2	137.2	25,500	53.5	135.2	25,800	120
	130	46.2	128.5	21,900	47.6	127.5	22,200	48.8	125.3	22,400	130
150	40	81.2	177.2	19,100	42.6	116.1	19,400	43.7	113.7	19,600	140
	45	79.5	176.1	18,800	41.2	114.9	19,100	42.2	112.5	19,300	145
	50	77.9	174.7	18,500	39.8	113.6	18,800	40.7	111.2	19,000	150
	55	76.3	173.2	18,200	38.4	112.2	18,500	39.3	110.0	18,700	155
	60	74.7	171.6	17,900	37.0	110.8	18,200	37.9	108.7	18,400	160
	65	73.0	169.9	17,600	35.6	109.4	17,900	36.5	106.6	18,100	165
	70	71.4	168.1	17,300	34.2	108.0	17,600	35.1	104.9	17,800	170
	75	69.7	166.2	17,000	32.8	106.6	17,300	33.7	103.7	17,500	175
	80	68.0	164.3	16,700	31.4	105.2	17,000	32.3	102.3	17,200	180
	85	66.3	162.4	16,400	30.0	103.8	16,700	30.9	100.9	16,900	185
	90	64.5	160.5	16,100	28.6	102.4	16,400	29.5	99.5	16,600	190
	100	60.9	155.2	15,500	26.4	100.0	15,800	27.3	97.0	16,000	200
	110	57.2	148.7	14,800	24.2	97.6	15,100	25.1	94.6	15,300	210
	120	53.3	141.2	14,100	22.0	95.2	14,400	22.9	92.1	14,600	220
	130	49.2	132.5	13,400	19.8	92.8	13,700	20.8	89.0	13,900	230
	140	44.8	122.5	12,700	17.6	90.4	13,000	18.7	85.1	13,200	240
	150	39.9	110.7	12,000	15.4	88.0	12,300	16.7	81.2	12,500	250
	160	34.5	106.5	11,300	13.2	85.6	11,600	14.9	77.3	11,800	260
	170	28.1	88.6	10,600	11.0	83.2	10,900	12.6	73.4	11,100	270

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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	
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*			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*	75.4	191.3	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	38,400	67.4	181.2	39,100	68.7	179.5	39,800	90
	100	62.6	176.8	32,600	64.0	175.9	33,200	65.3	174.1	33,700	100
	110	59.1	170.7	27,900	60.5	169.8	28,400	61.7	168.0	28,900	110
	120	55.6	163.8	24,100	56.9	162.9	24,500	58.1	161.0	24,900	120
	130	51.8	155.9	20,800	53.1	154.9	21,200	54.2	152.9	21,600	130
	140	47.8	146.8	18,100	49.1	145.8	18,500	50.2	143.6	18,700	140
	150	43.5	136.3	15,800	44.8	135.2	16,100	45.8	132.9	16,300	150
	160	38.8	124.1	13,700	40.0	122.8	14,000				160
	170	33.5	109.3	11,900	34.7	107.9	12,100				170
	180	27.3	90.9	10,300							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*			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	38,100	68.6	192.2	38,800	69.8	190.5	39,500	90
	100	64.1	188.1	32,200	65.4	187.3	32,900	66.6	185.5	33,500	100
	110	60.8	182.5	27,500	62.2	181.6	28,100	63.3	179.8	28,600	110
	120	57.5	176.1	23,700	58.8	175.1	24,200	59.9	173.3	24,600	120
	130	54.0	168.8	20,500	55.3	167.8	20,900	56.4	165.8	21,300	130
	140	50.4	160.5	17,800	51.6	159.4	18,100	52.7	157.4	18,400	140
	150	46.5	151.0	15,400	47.7	149.9	15,700	48.7	147.7	16,000	150
	160	42.3	140.1	13,400	43.5	138.9	13,700	44.4	136.5	13,900	160
	170	37.8	127.3	11,600	38.9	126.0	11,800				170
	180	32.6	112.1	10,000	33.7	110.6	10,200				180
	190	26.6	93.1	8,600							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	37,600	69.6	203.2	38,400	70.8	201.5	39,100	90
	100	65.4	199.4	31,800	66.7	198.5	32,400	67.8	196.7	33,100	100
	110	62.4	194.1	27,100	63.6	193.2	27,700	64.8	191.4	28,200	110
	120	59.2	188.0	23,200	60.5	187.1	23,800	61.6	185.3	24,200	120
	130	56.0	181.3	20,000	57.2	180.3	20,500	58.3	178.4	20,900	130
	140	52.6	173.6	17,300	53.8	172.6	17,700	54.8	170.5	18,000	140
	150	49.1	164.9	15,000	50.2	163.8	15,300	51.2	161.7	15,600	150
	160	45.3	155.0	12,900	46.4	153.9	13,200	47.4	151.6	13,500	160
	170	41.2	143.7	11,200	42.3	142.5	11,400	43.2	140.0	11,600	170
	180	36.8	130.5	9,600	37.9	129.2	9,800				180
	190	31.8	114.8	8,100	32.8	113.3	8,300				190
	200	25.9	95.2	6,900							200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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*	78.7	224.0	40,000*	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	37,100	70.6	214.0	38,000	71.8	212.3	38,700	90
	100	66.6	210.5	31,300	67.8	209.6	32,000	68.9	207.8	32,600	100
	110	63.7	205.5	26,600	64.9	204.6	27,200	66.0	202.8	27,800	110
	120	60.8	199.8	22,700	62.0	198.9	23,300	63.0	197.0	23,700	120
	130	57.7	193.4	19,500	58.9	192.5	20,000	59.9	190.6	20,400	130
	140	54.6	186.3	16,800	55.7	185.3	17,200	56.7	183.3	17,600	140
	150	51.3	178.3	14,400	52.4	177.2	14,800	53.4	175.1	15,100	150
	160	47.8	169.2	12,400	49.0	168.1	12,700	49.9	165.9	13,000	160
	170	44.2	158.9	10,600	45.3	157.8	10,900	46.1	155.4	11,100	170
	180	40.2	147.2	9,000	41.3	146.0	9,200	42.1	143.4	9,400	180
	190	35.9	133.6	7,600	36.9	132.2	7,800				190
	200	31.0	117.4	6,300	32.0	115.8	6,500				200
	210	25.2	97.3	5,100							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*	79.2	234.3	40,000*	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	36,700	71.5	224.8	37,500	72.6	223.1	38,300	90
	100	67.7	221.5	30,800	68.8	220.6	31,500	69.9	218.8	32,200	100
	110	64.9	216.7	26,100	66.1	215.8	26,700	67.2	214.0	27,300	110
	120	62.2	211.4	22,200	63.3	210.5	22,800	64.3	208.6	23,300	120
	130	59.3	205.4	19,000	60.4	204.4	19,500	61.4	202.5	20,000	130
	140	56.3	198.7	16,300	57.5	197.7	16,700	58.4	195.7	17,100	140
	150	53.3	191.2	13,900	54.4	190.2	14,300	55.3	188.1	14,700	150
	160	50.1	182.8	11,900	51.2	181.7	12,300	52.1	179.6	12,500	160
	170	46.7	173.4	10,100	47.8	172.3	10,400	48.6	170.0	10,700	170
	180	43.1	162.8	8,500	44.2	161.6	8,800	45.0	159.1	9,000	180
	190	39.3	150.7	7,100	40.3	149.4	7,300				190
	200	35.1	136.6	5,800	36.0	135.2	6,000				200
	210	30.3	120.0	4,700	31.2	118.4	4,800				210
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	39,800	73.6	237.3	40,000*	74.6	235.6	40,000*	85
	90	71.2	236.3	36,300	72.3	235.5	37,200	73.4	233.7	38,000	90
	100	68.6	232.3	30,400	69.8	231.5	31,200	70.8	229.7	31,900	100
	110	66.0	227.8	25,700	67.2	227.0	26,400	68.2	225.2	27,000	110
	120	63.4	222.8	21,800	64.5	221.9	22,400	65.5	220.0	23,000	120
	130	60.7	217.1	18,600	61.8	216.2	19,200	62.8	214.3	19,600	130
	140	57.9	210.8	15,900	59.0	209.8	16,400	60.0	207.9	16,800	140
	150	55.1	203.8	13,600	56.1	202.8	14,000	57.0	200.8	14,300	150
	160	52.1	196.0	11,500	53.1	194.9	11,900	54.0	192.8	12,200	160
	170	48.9	187.2	9,700	50.0	186.2	10,100	50.8	183.9	10,300	170
	180	45.7	177.5	8,200	46.7	176.3	8,400	47.5	174.0	8,700	180
	190	42.2	166.5	6,700	43.1	165.3	7,000	43.9	162.8	7,200	190
	200	38.4	154.0	5,500	39.4	152.7	5,700				200
	210	34.3	139.6	4,300	35.2	138.1	4,500				210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
220	55	80.2	256.7	40,000*							55
	60	79.0	255.6	40,000*	80.1	254.8	40,000*	80.0	251.9	40,000*	60
	65	77.8	254.4	40,000*	78.9	253.6	40,000*	78.8	250.6	40,000*	65
	70	76.7	253.2	40,000*	77.8	252.3	40,000*	77.7	249.2	40,000*	70
	75	75.5	251.8	40,000*	76.6	250.9	40,000*	76.5	247.7	40,000*	75
	80	74.3	250.3	40,000*	75.4	249.4	40,000*	75.3	246.1	40,000*	80
	85	73.1	248.7	39,300	74.2	247.8	40,000*	74.1	244.4	37,600	85
	90	71.9	247.0	35,800	73.0	246.1	36,700	71.6	240.5	31,500	90
	100	69.5	243.2	29,900	70.6	242.3	30,700	69.1	236.2	26,600	100
	110	67.1	238.9	25,200	68.1	238.0	25,900	66.6	231.3	22,600	110
	120	64.6	234.1	21,400	65.6	233.2	22,000	64.0	225.9	19,200	120
	130	62.0	228.7	18,100	63.0	227.8	18,700	61.3	219.8	16,400	130
	140	59.4	222.7	15,400	60.4	221.8	15,900	58.6	213.1	13,900	140
	150	56.6	216.1	13,100	57.7	215.1	13,500	55.7	205.7	11,800	150
	160	53.8	208.7	11,000	54.9	207.7	11,400	52.8	197.4	9,900	160
230	170	50.9	200.6	9,300	51.9	199.5	9,600	49.7	188.2	8,200	170
	180	47.9	191.6	7,700	48.9	190.5	8,000	46.4	177.9	6,800	180
	190	44.7	181.5	6,300	45.6	180.3	6,500	42.9	166.3	5,400	190
	200	41.3	170.2	5,000	42.2	168.9	5,200				200
	210				38.5	155.9	4,100				210
	55	80.5	266.8	40,000*	80.5	265.0	40,000*				55
	60	79.4	265.8	40,000*	79.4	263.9	40,000*	80.4	262.2	40,000*	60
	65	78.3	264.7	40,000*	78.3	262.7	40,000*	79.3	261.0	40,000*	65
	70	77.2	263.5	40,000*	77.2	261.3	40,000*	78.1	259.6	40,000*	70
	75	76.1	262.2	40,000*	76.1	259.9	40,000*	77.0	258.2	40,000*	75
	80	74.9	260.7	40,000*	74.9	258.3	39,900	75.8	256.6	40,000*	80
	85	73.8	259.2	38,900	73.7	256.7	36,300	74.7	255.0	37,200	85
	90	72.7	257.5	35,300	71.4	253.0	30,300	72.4	251.3	31,100	90
	100	70.3	253.9	29,400	69.0	248.9	25,500	70.0	247.1	26,100	100
	110	68.0	249.8	24,700	66.6	244.3	21,500	67.6	242.5	22,100	110
	120	65.6	245.2	20,800	64.2	239.2	18,200	65.1	237.3	18,700	120
	130	63.2	240.1	17,600	61.7	233.5	15,400	62.6	231.6	15,900	130
	140	60.7	234.4	14,900	59.1	227.2	13,000	60.0	225.2	13,400	140
	150	58.1	228.2	12,500	56.4	220.2	10,900	57.3	218.2	11,300	150
	160	55.4	221.2	10,500	53.7	212.6	9,100	54.5	210.4	9,400	160
	170	52.7	213.6	8,700	50.8	204.1	7,500	51.6	201.9	7,700	170
	180	49.9	205.1	7,100	47.8	194.7	6,000	48.6	192.3	6,300	180
	190	46.9	195.8	5,700	44.7	184.2	4,700	45.4	181.7	4,900	190
	200	43.7	185.4	4,400							200

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

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ANSI B30.5
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888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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
	120	34.1	76.1	26,800*	36.5	74.6	24,600*				120
	130	24.2	55.3	24,400							130
100	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	46.2	106.1	30,000*	48.6	104.8	27,700*	50.7	102.2	24,100*	110
	120	40.0	94.1	27,200	42.3	92.7	25,900*	44.2	89.7	23,000*	120
	130	32.7	78.8	24,000	34.9	77.1	24,200				130
	140	23.2	57.1	21,200							140
110	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
	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	26,700	46.7	108.6	27,100*	48.6	105.8	23,700*	120
	130	38.5	97.3	23,500	40.7	95.9	23,800	42.3	92.7	22,700*	130
	140	31.5	81.3	20,700	33.5	79.5	20,900				140
	150	22.3	58.8	18,300							150
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	26,300	50.3	123.2	26,700	52.0	120.5	24,400*	120
	130	43.0	113.6	23,000	45.0	112.2	23,400	46.7	109.3	23,300*	130
	140	37.2	100.5	20,300	39.2	98.9	20,600				140
	150	30.4	83.8	17,900	32.2	81.9	18,100				150

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	45	79.3	177.0	30,000*							45
	50	77.6	175.7	30,000*	79.8	174.8	30,000*	80.2	171.3	30,000*	50
	55	75.9	174.3	30,000*	78.1	173.3	30,000*	78.4	169.7	30,000*	55
	60	74.2	172.7	30,000*	76.4	171.7	30,000*	76.7	167.9	30,000*	60
	65	72.4	170.9	30,000*	74.6	170.0	30,000*	74.9	166.0	30,000*	65
	70	70.7	169.0	30,000*	72.8	168.0	30,000*	73.0	163.8	30,000*	70
	75	68.9	166.9	30,000*	71.0	165.9	30,000*	71.2	161.5	30,000*	75
	80	67.1	164.6	30,000*	69.2	163.6	30,000*	69.3	158.9	30,000*	80
	85	65.2	162.1	30,000*	67.3	161.1	30,000*	67.4	156.2	29,700*	85
	90	63.3	159.4	30,000*	65.4	158.4	30,000*	65.4	150.0	27,900*	90
	100	59.5	153.3	30,000*	61.5	152.2	30,000*	59.3	142.7	26,400*	100
	110	55.4	146.3	29,800	57.5	145.1	30,000*	54.9	134.3	25,100*	110
	120	51.2	138.1	26,000	53.2	136.9	26,400	50.2	124.4	23,500	120
	130	46.6	128.5	22,800	48.5	127.2	23,200	45.0	112.6	20,600	130
	140	41.6	117.2	20,000	43.5	115.7	20,400				140
	150	36.0	103.5	17,700	37.8	101.8	17,900				150
	160	29.4	86.2	15,600							160
140	45	79.9	187.2	30,000*							45
	50	78.3	186.0	30,000*	80.4	185.1	30,000*	80.8	181.7	30,000*	50
	55	76.7	184.7	30,000*	78.8	183.7	30,000*	79.1	180.2	30,000*	55
	60	75.1	183.2	30,000*	77.1	182.2	30,000*	77.4	178.5	30,000*	60
	65	73.4	181.6	30,000*	75.5	180.6	30,000*	75.8	176.6	30,000*	65
	70	71.8	179.7	30,000*	73.8	178.7	30,000*	74.0	174.6	30,000*	70
	75	70.1	177.8	30,000*	72.1	176.7	30,000*	72.3	172.4	30,000*	75
	80	68.4	175.6	30,000*	70.4	174.6	30,000*	70.6	170.1	30,000*	80
	85	66.7	173.3	30,000*	68.7	172.2	30,000*	68.8	167.5	30,000*	85
	90	64.9	170.8	30,000*	66.9	169.7	30,000*	65.1	161.8	28,700*	90
	100	61.4	165.1	30,000*	63.3	164.0	30,000*	61.3	155.1	27,100*	100
	110	57.6	158.6	29,400	59.6	157.5	30,000*	57.3	147.4	25,800*	110
	120	53.7	151.2	25,500	55.6	149.9	26,000	53.1	138.5	23,100	120
	130	49.6	142.5	22,300	51.5	141.2	22,800	48.5	128.1	20,300	130
	140	45.2	132.5	19,600	47.0	131.1	20,000	43.5	115.9	17,800	140
	150	40.3	120.6	17,200	42.1	119.1	17,500				150
	160	34.9	106.4	15,200	36.6	104.6	15,400				160
	170	28.5	88.5	13,400							170
150	45	80.5	197.4	30,000*							45
	50	78.9	196.3	30,000*	80.9	195.3	30,000*	79.7	190.6	30,000*	50
	55	77.4	195.1	30,000*	79.4	194.1	30,000*	78.1	189.0	30,000*	55
	60	75.9	193.6	30,000*	77.8	192.6	30,000*	76.5	187.3	30,000*	60
	65	74.3	192.1	30,000*	76.3	191.1	30,000*	74.9	185.4	30,000*	65
	70	72.8	190.4	30,000*	74.7	189.4	30,000*	73.3	183.3	30,000*	70
	75	71.2	188.5	30,000*	73.1	187.5	30,000*	71.7	181.1	30,000*	75
	80	69.6	186.5	30,000*	71.5	185.5	30,000*	70.0	178.7	30,000*	80
	85	68.0	184.3	30,000*	69.9	183.3	30,000*	66.6	173.3	29,300*	85
	90	66.3	182.0	30,000*	68.2	180.9	30,000*	63.1	167.1	27,800*	90
	100	63.0	176.7	30,000*	64.9	175.6	30,000*	59.4	160.1	26,100	100
	110	59.5	170.7	28,800	61.4	169.5	29,500	55.5	152.0	22,700	110
	120	55.9	163.8	25,000	57.8	162.6	25,500	51.4	142.6	19,800	120
	130	52.2	155.9	21,800	54.0	154.6	22,300	47.0	131.8	17,300	130
	140	48.2	146.8	19,000	49.9	145.4	19,400	42.1	119.0	15,100	140
	150	43.9	136.3	16,700	45.6	134.8	17,000				150
	160	39.2	124.0	14,600	40.8	122.4	14,900				160
	170	33.9	109.3	12,800	35.5	107.4	13,000				170
	180	27.7	90.8	11,200							180

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

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888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	28,400	63.0	181.3	29,100	64.6	178.9	28,400*	110
	120	57.9	176.0	24,500	59.6	174.8	25,100	61.2	172.4	25,700	120
	130	54.4	168.7	21,300	56.1	167.5	21,800	57.6	164.9	22,300	130
	140	50.7	160.4	18,600	52.4	159.1	19,000	53.8	156.4	19,400	140
	150	46.8	150.9	16,200	48.5	149.5	16,600	49.9	146.6	16,900	150
	160	42.7	140.0	14,200	44.3	138.5	14,500	45.5	135.3	14,800	160
	170	38.1	127.3	12,400	39.7	125.6	12,600				170
	180	33.0	112.0	10,800	34.4	110.1	11,000				180
	190	26.9	93.0	9,300							190
170	50	80.0	216.8	30,000*	80.4	214.6	30,000*				50
	55	78.6	215.7	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	28,000	64.4	192.9	28,700	65.9	190.5	29,000*	110
	120	59.6	188.0	24,100	61.2	186.8	24,800	62.8	184.4	25,400	120
	130	56.3	181.2	20,900	58.0	180.0	21,500	59.4	177.4	22,000	130
	140	53.0	173.5	18,200	54.6	172.2	18,700	56.0	169.6	19,100	140
	150	49.4	164.8	15,900	51.0	163.5	16,300	52.3	160.7	16,600	150
	160	45.6	155.0	13,800	47.2	153.5	14,200	48.4	150.5	14,500	160
	170	41.6	143.6	12,000	43.1	142.0	12,300	44.3	138.8	12,600	170
	180	37.1	130.4	10,400	38.6	128.7	10,700				180
	190	32.1	114.7	9,000	33.5	112.7	9,200				190
	200	26.2	95.1	7,700							200
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	27,500	65.7	204.3	28,300	67.2	201.9	29,000	110
	120	61.1	199.8	23,700	62.7	198.6	24,400	64.2	196.1	25,000	120
	130	58.1	193.4	20,500	59.6	192.2	21,100	61.1	189.6	21,600	130
	140	54.9	186.2	17,700	56.5	185.0	18,300	57.8	182.3	18,700	140
	150	51.6	178.2	15,400	53.2	176.9	15,800	54.5	174.1	16,200	150
	160	48.2	169.1	13,300	49.7	167.7	13,700	50.9	164.8	14,100	160
	170	44.5	158.9	11,500	46.0	157.4	11,900	47.1	154.3	12,200	170
	180	40.5	147.1	10,000	42.0	145.5	10,300	43.1	142.1	10,500	180
	190	36.2	133.5	8,500	37.6	131.7	8,800				190
	200	31.3	117.4	7,300	32.6	115.3	7,400				200
	210	25.6	97.2	6,100							210

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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	80.9	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	27,000	66.8	215.5	27,800	68.2	213.1	28,600	110
	120	62.5	211.3	23,200	64.0	210.1	23,900	65.4	207.7	24,500	120
	130	59.6	205.3	19,900	61.1	204.1	20,600	62.5	201.6	21,100	130
	140	56.7	198.6	17,200	58.2	197.4	17,800	59.5	194.8	18,300	140
	150	53.6	191.1	14,800	55.1	189.8	15,300	56.4	187.1	15,800	150
	160	50.4	182.7	12,800	51.8	181.4	13,200	53.1	178.5	13,600	160
	170	47.0	173.3	11,000	48.4	171.9	11,400	49.6	168.9	11,700	170
	180	43.4	162.7	9,400	44.8	161.1	9,700	45.9	157.9	10,000	180
	190	39.6	150.6	8,000	40.9	148.9	8,300	41.9	145.4	8,500	190
	200	35.4	136.6	6,700	36.7	134.7	6,900				200
	210	30.6	119.9	5,500	31.8	117.8	5,700				210
	220	25.0	99.2	4,500							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	26,500	67.8	226.6	27,400	69.2	224.3	28,200	110
	120	63.7	222.7	22,700	65.2	221.5	23,400	66.6	219.1	24,100	120
	130	61.0	217.1	19,400	62.5	215.8	20,100	63.8	213.4	20,700	130
	140	58.2	210.7	16,700	59.7	209.5	17,300	61.0	206.9	17,800	140
	150	55.4	203.7	14,300	56.8	202.4	14,900	58.0	199.8	15,300	150
	160	52.4	195.9	12,300	53.8	194.5	12,800	55.0	191.8	13,200	160
	170	49.2	187.2	10,500	50.6	185.8	10,900	51.8	182.8	11,300	170
	180	46.0	177.4	8,900	47.3	175.9	9,300	48.4	172.8	9,600	180
	190	42.5	166.4	7,500	43.8	164.8	7,800	44.8	161.5	8,100	190
	200	38.7	153.9	6,200	40.0	152.2	6,500				200
	210	34.6	139.5	5,100	35.8	137.6	5,300				210
	220	29.9	122.4	4,000							220
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	26,200	68.8	237.7	27,100	70.1	235.3	27,900	110
	120	64.8	234.0	22,300	66.3	232.8	23,100	67.6	230.4	23,800	120
	130	62.3	228.6	19,000	63.7	227.4	19,800	65.0	224.9	20,400	130
	140	59.6	222.7	16,300	61.0	221.4	16,900	62.3	218.9	17,500	140
	150	56.9	216.0	14,000	58.3	214.7	14,500	59.5	212.1	15,000	150
	160	54.1	208.7	11,900	55.5	207.3	12,400	56.7	204.6	12,800	160
	170	51.2	200.5	10,100	52.6	199.1	10,600	53.7	196.3	10,900	170
	180	48.2	191.5	8,500	49.5	190.0	8,900	50.6	187.0	9,300	180
	190	45.0	181.4	7,100	46.2	179.9	7,500	47.3	176.7	7,700	190
	200	41.5	170.1	5,800	42.8	168.4	6,100	43.8	165.0	6,400	200
	210	37.9	157.2	4,700	39.1	155.4	4,900				210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	25,700	69.7	248.6	26,600	71.0	246.2	27,500	110
	120	65.9	245.2	21,800	67.3	244.0	22,600	68.5	241.6	23,400	120
	130	63.4	240.0	18,600	64.8	238.8	19,300	66.0	236.4	20,000	130
	140	60.9	234.4	15,800	62.3	233.1	16,500	63.5	230.6	17,100	140
	150	58.4	228.1	13,500	59.7	226.8	14,100	60.9	224.2	14,600	150
	160	55.7	221.2	11,400	57.0	219.9	12,000	58.2	217.2	12,400	160
	170	53.0	213.5	9,600	54.3	212.2	10,100	55.4	209.4	10,500	170
230	180	50.1	205.1	8,100	51.4	203.6	8,500	52.5	200.7	8,800	180
	190	47.2	195.7	6,600	48.4	194.2	7,000	49.4	191.2	7,300	190
	200	44.0	185.3	5,400	45.3	183.7	5,700	46.2	180.5	6,000	200
	210	40.7	173.6	4,200	41.9	171.9	4,500	42.8	168.4	4,700	210
	60	80.1	276.0	30,000*	80.4	273.8	30,000*				60
	65	79.0	274.9	30,000*	79.3	272.6	30,000*	80.6	270.4	30,000*	65
	70	77.9	273.7	30,000*	78.2	271.4	30,000*	79.6	269.1	30,000*	70
	75	76.9	272.5	30,000*	77.1	270.0	30,000*	78.5	267.7	30,000*	75
	80	75.8	271.1	30,000*	76.0	268.5	30,000*	77.3	266.2	30,000*	80
	85	74.7	269.6	30,000*	74.9	266.9	30,000*	76.2	264.6	30,000*	85
	90	73.6	268.0	30,000*	72.7	263.4	30,000*	74.0	261.1	30,000*	90
	100	71.4	264.5	29,900	70.5	259.4	26,200	71.7	257.1	27,100	100
	110	69.1	260.6	25,200	68.2	255.0	22,200	69.4	252.6	23,000	110
	120	66.8	256.2	21,300	65.8	250.1	18,800	67.0	247.7	19,500	120
	130	64.5	251.3	18,100	63.4	244.7	16,000	64.6	242.2	16,600	130
	140	62.1	245.9	15,300	61.0	238.7	13,600	62.1	236.1	14,100	140
	150	59.7	240.0	12,900	58.4	232.1	11,500	59.6	229.4	12,000	150
	160	57.2	233.4	10,900	55.8	224.8	9,600	56.9	222.1	10,000	160
	170	54.6	226.2	9,100	53.2	216.9	8,000	54.2	214.0	8,300	170
	180	51.9	218.3	7,500	50.4	208.0	6,500	51.4	205.1	6,800	180
	190	49.1	209.5	6,100	47.4	198.3	5,200	48.4	195.2	5,500	190
	200	46.2	199.9	4,800	44.3	187.5	4,000	45.2	184.2	4,200	200
	210										210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
90	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	20,000*	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	18,800	33.9	84.1	19,100*				150
	160	23.0	63.8	16,700							160
120	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	18,400	39.3	103.5	18,700				150
	160	30.5	88.5	16,400	32.7	86.4	16,600				160
	170	22.2	65.5	14,500							170

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
130	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	18,100	43.4	120.5	18,500	45.3	116.9	18,200*	150
	160	35.8	108.3	16,100	38.0	106.4	16,400				160
	170	29.6	90.9	14,200	31.6	88.6	14,500				170
	180	21.5	67.1	12,600							180
140	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	17,700	46.8	136.1	18,100	48.6	132.6	18,500	150
	160	40.0	125.6	15,600	42.1	123.8	16,000	43.8	120.1	16,300	160
	170	34.8	111.2	13,800	36.8	109.2	14,100				170
	180	28.7	93.2	12,200							180
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	20,000*	65
	70	74.2	201.4	20,000*	76.5	200.2	20,000*	78.7	197.8	20,000*	70
	75	72.7	199.6	20,000*	75.0	198.5	20,000*	77.2	196.1	20,000*	75
	80	71.2	197.8	20,000*	73.5	196.6	20,000*	75.7	194.2	20,000*	80
	85	69.7	195.7	20,000*	71.9	194.6	20,000*	74.1	192.1	20,000*	85
	90	68.1	193.6	20,000*	70.4	192.4	20,000*	72.6	189.9	20,000*	90
	100	65.0	188.7	20,000*	67.3	187.5	20,000*	69.4	184.9	20,000*	100
	110	61.8	183.2	20,000*	64.0	181.9	20,000*	66.1	179.2	20,000*	110
	120	58.5	176.8	20,000*	60.7	175.5	20,000*	62.7	172.7	20,000*	120
	130	55.0	169.6	20,000*	57.2	168.3	20,000*	59.1	165.4	20,000*	130
	140	51.4	161.5	19,500	53.5	160.0	20,000*	55.4	157.0	20,000*	140
	150	47.5	152.1	17,100	49.6	150.6	17,600	51.4	147.3	18,000	150
	160	43.4	141.4	15,100	45.4	139.7	15,500	47.1	136.2	15,800	160
	170	38.9	128.9	13,300	40.9	127.1	13,600	42.4	123.1	13,900	170
	180	33.8	114.0	11,700	35.7	111.9	11,900				180
	190	27.9	95.5	10,200							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	20,000*	65
	70	75.0	211.9	20,000*	77.1	210.7	20,000*	79.3	208.3	20,000*	70
	75	73.5	210.2	20,000*	75.7	209.1	20,000*	77.9	206.6	20,000*	75
	80	72.1	208.5	20,000*	74.3	207.3	20,000*	76.4	204.8	20,000*	80
	85	70.7	206.5	20,000*	72.9	205.4	20,000*	74.9	202.8	20,000*	85
	90	69.2	204.5	20,000*	71.4	203.3	20,000*	73.5	200.7	20,000*	90
	100	66.3	199.9	20,000*	68.4	198.7	20,000*	70.5	196.1	20,000*	100
	110	63.3	194.7	20,000*	65.4	193.4	20,000*	67.4	190.7	20,000*	110
	120	60.1	188.8	20,000*	62.2	187.5	20,000*	64.2	184.7	20,000*	120
	130	56.9	182.1	20,000*	59.0	180.7	20,000*	60.9	177.8	20,000*	130
	140	53.5	174.5	19,000	55.6	173.1	19,600	57.4	170.0	20,000*	140
	150	50.0	165.9	16,700	52.0	164.4	17,200	53.8	161.2	17,600	150
	160	46.3	156.2	14,600	48.2	154.6	15,100	49.9	151.2	15,400	160
	170	42.3	145.1	12,800	44.2	143.3	13,200	45.7	139.6	13,500	170
	180	37.9	132.1	11,200	39.7	130.2	11,500	41.2	126.1	11,800	180
	190	32.9	116.7	9,800	34.7	114.6	10,000				190
	200	27.2	97.7	8,500							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	20,000*	70
	75	74.3	220.8	20,000*	76.4	219.6	20,000*	78.4	217.1	20,000*	75
	80	73.0	219.1	20,000*	75.0	217.9	20,000*	77.1	215.4	20,000*	80
	85	71.6	217.3	20,000*	73.7	216.1	20,000*	75.7	213.5	20,000*	85
	90	70.2	215.3	20,000*	72.3	214.1	20,000*	74.3	211.5	20,000*	90
	100	67.4	211.0	20,000*	69.5	209.7	20,000*	71.4	207.1	20,000*	100
	110	64.6	206.0	20,000*	66.6	204.8	20,000*	68.5	202.1	20,000*	110
	120	61.6	200.5	20,000*	63.6	199.2	20,000*	65.5	196.4	20,000*	120
	130	58.6	194.2	20,000*	60.6	192.8	20,000*	62.4	190.0	20,000*	130
	140	55.5	187.1	18,600	57.4	185.7	19,300	59.2	182.7	19,800	140
	150	52.2	179.2	16,300	54.1	177.7	16,800	55.8	174.6	17,300	150
	160	48.8	170.3	14,200	50.7	168.7	14,700	52.3	165.4	15,100	160
	170	45.1	160.2	12,400	47.0	158.5	12,900	48.5	155.0	13,200	170
	180	41.2	148.6	10,800	43.0	146.8	11,200	44.5	143.0	11,500	180
	190	36.9	135.3	9,400	38.7	133.3	9,700				190
	200	32.1	119.4	8,100	33.8	117.2	8,400				200
	210	26.5	99.9	7,000							210
180	55	80.1	236.4	20,000*	80.8	234.1	20,000*				55
	60	78.8	235.3	20,000*	79.6	232.9	20,000*				60
	65	77.6	234.1	20,000*	78.3	231.5	20,000*	80.3	229.0	20,000*	65
	70	76.3	232.7	20,000*	77.0	230.0	20,000*	79.0	227.5	20,000*	70
	75	75.0	231.2	20,000*	75.7	228.4	20,000*	77.7	225.9	20,000*	75
	80	73.7	229.6	20,000*	74.4	226.7	20,000*	76.3	224.1	20,000*	80
	85	72.4	227.9	20,000*	73.1	224.8	20,000*	75.0	222.2	20,000*	85
	90	71.1	226.0	20,000*	70.4	220.7	20,000*	72.3	218.0	20,000*	90
	100	68.5	221.9	20,000*	67.7	216.0	20,000*	69.5	213.3	20,000*	100
	110	65.8	217.3	20,000*	64.9	210.7	20,000*	66.7	207.9	20,000*	110
	120	63.0	212.0	20,000*	62.0	204.7	20,000*	63.8	201.9	20,000*	120
	130	60.1	206.1	20,000*	59.1	198.1	18,800	60.8	195.1	19,400	130
	140	57.2	199.5	18,200	56.0	190.6	16,400	57.7	187.5	16,900	140
	150	54.1	192.1	15,800	52.8	182.3	14,300	54.4	179.0	14,800	150
	160	51.0	183.8	13,800	49.4	172.9	12,400	50.9	169.5	12,800	160
	170	47.6	174.5	12,000	45.8	162.3	10,800	47.3	158.6	11,100	170
	180	44.0	164.0	10,400	42.0	150.2	9,300	43.3	146.3	9,600	180
	190	40.2	152.1	9,000	37.7	136.3	8,000				190
	200	36.1	138.3	7,700	32.9	119.7	6,700				200
	210	31.4	122.1	6,500							210
	220	25.9	102.0	5,400							220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	17,600	60.5	210.1	18,400	62.2	207.2	19,000	140
	150	55.9	204.6	15,300	57.7	203.1	15,900	59.3	200.1	16,500	150
	160	52.9	196.9	13,200	54.7	195.4	13,800	56.2	192.2	14,300	160
	170	49.8	188.3	11,400	51.5	186.7	11,900	53.0	183.3	12,400	170
	180	46.5	178.6	9,800	48.2	177.0	10,300	49.7	173.4	10,600	180
	190	43.0	167.8	8,400	44.7	166.0	8,800	46.1	162.2	9,100	190
	200	39.3	155.5	7,100	41.0	153.6	7,500	42.2	149.5	7,700	200
	210	35.2	141.3	6,000	36.8	139.2	6,200				210
	220	30.7	124.6	4,900	32.1	122.2	5,100				220
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	19,900	64.5	227.9	20,000*	66.2	225.1	20,000*	130
	140	60.1	223.4	17,200	61.9	222.0	17,900	63.5	219.1	18,600	140
	150	57.4	216.8	14,800	59.1	215.4	15,500	60.7	212.4	16,100	150
	160	54.6	209.6	12,700	56.3	208.1	13,300	57.9	205.0	13,900	160
	170	51.7	201.5	10,900	53.4	200.0	11,500	54.9	196.7	11,900	170
	180	48.7	192.6	9,300	50.4	191.0	9,800	51.8	187.6	10,200	180
	190	45.5	182.7	7,900	47.1	180.9	8,300	48.5	177.3	8,700	190
	200	42.1	171.5	6,600	43.7	169.6	7,000	45.0	165.7	7,300	200
	210	38.5	158.8	5,500	40.0	156.8	5,800	41.2	152.6	6,000	210
	220	34.5	144.3	4,400	36.0	142.1	4,700				220
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	19,500	65.6	239.3	20,000*	67.2	236.5	20,000*	130
	140	61.4	235.1	16,800	63.1	233.7	17,500	64.6	230.8	18,300	140
	150	58.8	228.9	14,400	60.5	227.4	15,100	62.0	224.4	15,700	150
	160	56.2	222.0	12,300	57.8	220.6	13,000	59.3	217.4	13,500	160
	170	53.5	214.5	10,500	55.1	212.9	11,100	56.5	209.7	11,600	170
	180	50.6	206.1	8,900	52.2	204.5	9,500	53.6	201.2	9,900	180
	190	47.7	196.9	7,500	49.3	195.2	8,000	50.6	191.7	8,400	190
	200	44.6	186.6	6,200	46.1	184.8	6,600	47.4	181.1	7,000	200
	210	41.2	175.1	5,100	42.8	173.2	5,400	44.0	169.2	5,700	210
	220	37.7	162.1	4,000	39.1	160.0	4,300				220

MANITOWOC ENGINEERING CO.

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	19,000	66.6	250.6	20,000*	68.1	247.7	20,000*	130
	140	62.5	246.6	16,300	64.2	245.2	17,100	65.7	242.3	17,900	140
	150	60.1	240.7	13,900	61.7	239.3	14,700	63.2	236.3	15,300	150
	160	57.6	234.2	11,900	59.2	232.8	12,500	60.7	229.7	13,100	160
	170	55.0	227.1	10,100	56.6	225.6	10,700	58.0	222.4	11,200	170
230	180	52.4	219.2	8,500	53.9	217.7	9,000	55.3	214.4	9,500	180
	190	49.6	210.6	7,000	51.1	209.0	7,500	52.5	205.5	8,000	190
	200	46.7	201.0	5,800	48.2	199.3	6,200	49.5	195.7	6,600	200
	210	43.7	190.4	4,600	45.1	188.6	5,000	46.4	184.8	5,300	210
	220							43.0	172.5	4,200	220
	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	18,500	67.5	261.7	19,500	69.0	258.9	20,000*	130
	140	63.6	258.0	15,800	65.2	256.6	16,600	66.7	253.7	17,400	140
	150	61.3	252.4	13,400	62.9	251.0	14,200	64.3	248.0	14,900	150
	160	58.9	246.2	11,300	60.5	244.8	12,000	61.9	241.7	12,700	160
	170	56.5	239.4	9,500	58.0	237.9	10,200	59.4	234.8	10,700	170
	180	54.0	232.0	7,900	55.5	230.5	8,500	56.8	227.2	9,000	180
	190	51.3	223.9	6,500	52.8	222.3	7,000	54.2	218.9	7,500	190
	200	48.6	215.0	5,200	50.1	213.3	5,700	51.4	209.8	6,100	200
	210	45.8	205.1	4,100	47.3	203.4	4,500	48.5	199.6	4,800	210

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ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
90	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*							45
	50	77.5	165.7	10,000*	81.0	164.8	10,000*				50
	55	75.7	164.3	10,000*	79.2	163.3	10,000*				55
	60	73.8	162.6	10,000*	77.3	161.7	10,000*	80.8	159.4	10,000*	60
	65	72.0	160.8	10,000*	75.4	159.8	10,000*	78.9	157.6	10,000*	65
	70	70.1	158.8	10,000*	73.5	157.8	10,000*	77.0	155.5	10,000*	70
	75	68.2	156.5	10,000*	71.6	155.6	10,000*	75.0	153.2	10,000*	75
	80	66.2	154.1	10,000*	69.6	153.1	10,000*	73.0	150.8	10,000*	80
	85	64.2	151.5	10,000*	67.7	150.5	10,000*	71.0	148.1	10,000*	85
	90	62.2	148.6	10,000*	65.6	147.6	10,000*	68.9	145.1	10,000*	90
	100	58.0	142.2	10,000*	61.4	141.1	10,000*	64.6	138.5	10,000*	100
	110	53.7	134.6	10,000*	57.0	133.4	10,000*	60.1	130.7	10,000*	110
	120	49.0	125.7	10,000*	52.2	124.4	10,000*	55.2	121.4	10,000*	120
	130	43.9	115.1	10,000*	47.1	113.7	10,000*	49.9	110.4	10,000*	130
	140	38.2	102.3	10,000*	41.3	100.7	10,000*	43.9	96.9	10,000*	140
	150	31.5	86.1	10,000*	34.5	84.3	10,000*				150
	160	23.0	63.9	10,000*							160
110	45	79.9	177.3	10,000*							45
	50	78.2	176.1	10,000*							50
	55	76.5	174.7	10,000*	79.8	173.7	10,000*				55
	60	74.8	173.2	10,000*	78.1	172.2	10,000*				60
	65	73.1	171.4	10,000*	76.3	170.5	10,000*	79.6	168.1	10,000*	65
	70	71.3	169.6	10,000*	74.5	168.6	10,000*	77.8	166.2	10,000*	70
	75	69.5	167.5	10,000*	72.7	166.5	10,000*	75.9	164.1	10,000*	75
	80	67.7	165.2	10,000*	70.9	164.2	10,000*	74.1	161.8	10,000*	80
	85	65.9	162.8	10,000*	69.1	161.7	10,000*	72.2	159.3	10,000*	85
	90	64.0	160.1	10,000*	67.2	159.1	10,000*	70.3	156.5	10,000*	90
	100	60.1	154.2	10,000*	63.3	153.1	10,000*	66.4	150.4	10,000*	100
	110	56.1	147.2	10,000*	59.3	146.1	10,000*	62.2	143.3	10,000*	110
	120	51.9	139.2	10,000*	55.0	138.0	10,000*	57.9	135.0	10,000*	120
	130	47.4	129.8	10,000*	50.4	128.5	10,000*	53.2	125.3	10,000*	130
	140	42.4	118.7	10,000*	45.4	117.2	10,000*	48.0	113.7	10,000*	140
	150	36.9	105.4	10,000*	39.8	103.7	10,000*	42.2	99.6	10,000*	150
	160	30.5	88.6	10,000*	33.3	86.6	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 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
120	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
130	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
140	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	9,700							200

MANITOWOC ENGINEERING CO.

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888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	9,200							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	8,800	34.2	117.3	9,000				200
	210	26.5	100.0	7,600							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	9,700	42.4	150.3	10,000*	44.1	146.1	10,000*	190
	200	36.0	138.4	8,400	38.1	136.4	8,700				200
	210	31.4	122.2	7,200	33.4	119.8	7,500				210
	220	25.9	102.1	6,200							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	9,200	45.1	166.1	9,600	46.9	162.0	10,000*	190
	200	39.3	155.6	7,900	41.3	153.7	8,300	43.0	149.2	8,600	200
	210	35.2	141.4	6,800	37.2	139.3	7,100				210
	220	30.7	124.7	5,700	32.5	122.3	6,000				220
	230	25.3	104.1	4,700							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	8,600	47.5	181.0	9,100	49.2	177.1	9,600	190
	200	42.1	171.6	7,400	44.1	169.7	7,800	45.7	165.5	8,200	200
	210	38.5	158.9	6,200	40.4	156.9	6,600	41.9	152.3	6,900	210
	220	34.5	144.4	5,200	36.4	142.1	5,500				220
	230	30.0	127.2	4,200	31.8	124.7	4,400				230
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*	81.0	258.4	10,000*	70
	75	76.7	262.5	10,000*	78.9	261.2	10,000*	79.9	257.0	10,000*	75
	80	75.6	261.1	10,000*	77.8	259.8	10,000*	78.7	255.5	10,000*	80
	85	74.5	259.6	10,000*	76.6	258.3	10,000*	77.6	253.8	10,000*	85
	90	73.3	258.0	10,000*	75.5	256.7	10,000*	76.5	250.2	10,000*	90
	100	71.0	254.4	10,000*	73.1	253.1	10,000*	75.2	246.1	10,000*	100
	110	68.7	250.3	10,000*	70.8	249.0	10,000*	72.8	241.4	10,000*	110
	120	66.3	245.8	10,000*	68.4	244.4	10,000*	70.4	236.3	10,000*	120
	130	63.9	240.7	10,000*	65.9	239.4	10,000*	67.9	230.6	10,000*	130
	140	61.4	235.1	10,000*	63.4	233.7	10,000*	65.4	224.2	10,000*	140
	150	58.8	228.9	10,000*	60.9	227.5	10,000*	62.8	217.2	10,000*	150
	160	56.2	222.1	10,000*	58.2	220.6	10,000*	60.1	209.5	10,000*	160
	170	53.5	214.5	10,000*	55.5	213.0	10,000*	57.3	200.9	10,000*	170
	180	50.6	206.2	9,600	52.6	204.6	10,000*	54.4	191.4	10,000*	180
	190	47.7	196.9	8,100	49.6	195.3	8,700	51.3	180.8	9,100	190
	200	44.5	186.7	6,900	46.5	184.9	7,300	48.1	168.9	7,700	200
	210	41.2	175.2	5,700	43.1	173.3	6,100	44.7	155.4	6,500	210
	220	37.7	162.2	4,700	39.5	160.1	5,000				220
	230				35.5	144.9	4,000				230

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

888 SERIES 1

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22E WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
144,100 LB. COUNTERWEIGHT
28'2" CRAWLERS EXTENDED
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	JIB CAPACITY POUNDS	
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	9,200	54.3	217.7	9,800	56.0	214.1	10,000*	180
	190	49.6	210.7	7,700	51.5	209.0	8,300	53.2	205.3	8,800	190
	200	46.7	201.1	6,500	48.6	199.4	7,000	50.2	195.4	7,400	200
220	210	43.6	190.5	5,300	45.5	188.7	5,800	47.0	184.5	6,200	210
	220	40.4	178.7	4,300	42.2	176.7	4,700	43.7	172.2	5,000	220
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	10,000*	58.3	238.0	10,000*	60.1	234.6	10,000*	170
	180	53.9	232.1	8,700	55.8	230.5	9,300	57.5	227.0	9,900	180
	190	51.3	224.0	7,200	53.2	222.3	7,900	54.8	218.7	8,400	190
	200	48.6	215.0	6,000	50.4	213.3	6,500	52.0	209.5	7,000	200
	210	45.8	205.2	4,800	47.6	203.4	5,300	49.1	199.4	5,700	210
	220				44.6	192.4	4,200	46.0	188.1	4,600	220