

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 1

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

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

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 RADIUS WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH 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.



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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*				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	42.9	87.2	35,600	45.0	86.3	35,900	46.6	84.2	32,500*	100	
110	35.0	73.4	30,900	36.9	72.2	31,200				110	
120	24.7	53.5	27,100							120	
100	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
100	47.6	102.1	35,200	49.5	101.2	35,600	51.1	99.2	33,700*	100	
110	41.1	90.8	30,600	43.0	89.7	30,800	44.4	87.5	31,100	110	
120	33.5	76.2	26,700	35.3	74.9	26,900				120	
130	23.6	55.4	23,400							130	
110	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
100	51.3	115.8	34,700	53.1	114.9	35,100	54.7	113.0	34,900*	100	
110	45.7	106.1	30,000	47.5	105.1	30,400	48.9	103.0	30,700	110	
120	39.5	94.1	26,200	41.2	93.0	26,400	42.5	90.6	26,700	120	
130	32.2	78.8	22,900	33.8	77.5	23,100				130	
140	22.7	57.1	20,200							140	
120	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	34,300	56.0	127.9	34,700	57.5	126.1	35,200*	100
110	49.4	120.2	29,600	51.1	119.3	30,000	52.5	117.3	30,300	110	
120	44.0	109.9	25,800	45.7	108.9	26,100	47.0	106.7	26,300	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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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	
<b>130</b>	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	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	36.8	100.5	19,600	38.2	99.3	19,800				140	
150	30.0	83.9	17,200	31.3	82.3	17,400				150	
<b>140</b>	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
140	41.2	117.2	19,100	42.6	116.1	19,400	43.7	113.7	19,600	140	
150	35.6	103.5	16,800	36.9	102.2	17,000				150	
160	29.0	86.3	14,700							160	
<b>150</b>	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	38,900	66.0	170.0	39,600	67.4	168.3	40,000*	90
	100	60.9	165.2	33,000	62.4	164.3	33,600	63.7	162.5	34,100	100
	110	57.2	158.7	28,400	58.7	157.8	28,900	59.9	155.9	29,300	110
	120	53.3	151.2	24,500	54.7	150.3	24,900	56.0	148.3	25,300	120
	130	49.2	142.5	21,300	50.6	141.5	21,700	51.7	139.5	22,000	130
	140	44.8	132.5	18,600	46.1	131.4	18,900	47.2	129.2	19,100	140
150	39.9	120.7	16,200	41.2	119.5	16,500	42.2	117.0	16,700	150	
160	34.5	106.5	14,200	35.8	105.1	14,400				160	
170	28.1	88.6	12,400							170	



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 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	
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*	78.5	194.3	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*	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	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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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

NEW YORK CITY CODE  
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*				60
	65	77.8	254.4	40,000*	78.9	253.6	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*	76.6	250.9	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	39,300	74.2	247.8	40,000*	75.3	246.1	40,000*	85
	90	71.9	247.0	35,800	73.0	246.1	36,700	74.1	244.4	37,600	90
	100	69.5	243.2	29,900	70.6	242.3	30,700	71.6	240.5	31,500	100
	110	67.1	238.9	25,200	68.1	238.0	25,900	69.1	236.2	26,600	110
	120	64.6	234.1	21,400	65.6	233.2	22,000	66.6	231.3	22,600	120
	130	62.0	228.7	18,100	63.0	227.8	18,700	64.0	225.9	19,200	130
	140	59.4	222.7	15,400	60.4	221.8	15,900	61.3	219.8	16,400	140
	150	56.6	216.1	13,100	57.7	215.1	13,500	58.6	213.1	13,900	150
	160	53.8	208.7	11,000	54.9	207.7	11,400	55.7	205.7	11,800	160
	170	50.9	200.6	9,300	51.9	199.5	9,600	52.8	197.4	9,900	170
180	47.9	191.6	7,700	48.9	190.5	8,000	49.7	188.2	8,200	180	
190	44.7	181.5	6,300	45.6	180.3	6,500	46.4	177.9	6,800	190	
200	41.3	170.2	5,000	42.2	168.9	5,200	42.9	166.3	5,400	200	
210				38.5	155.9	4,100				210	
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*	78.3	262.7	40,000*	79.3	261.0	40,000*	70
	75	76.1	262.2	39,400	77.1	261.3	40,000*	78.1	259.6	40,000*	75
	80	74.9	260.7	34,900	76.0	259.9	36,400	77.0	258.2	37,800	80
	85	73.8	259.2	31,000	74.9	258.3	32,400	75.8	256.6	33,700	85
	90	72.7	257.5	27,600	73.7	256.7	28,900	74.7	255.0	30,100	90
	100	70.3	253.9	21,900	71.4	253.0	23,000	72.4	251.3	24,100	100
	110	68.0	249.8	17,400	69.0	248.9	18,300	70.0	247.1	19,300	110
	120	65.6	245.2	13,600	66.6	244.3	14,500	67.6	242.5	15,300	120
	130	63.2	240.1	10,500	64.2	239.2	11,300	65.1	237.3	12,000	130
	140	60.7	234.4	7,900	61.7	233.5	8,600	62.6	231.6	9,200	140
	150	58.1	228.2	5,600	59.1	227.2	6,200	60.0	225.2	6,800	150
	160				56.4	220.2	4,200	57.3	218.2	4,700	160



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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*							45
	50	73.8	133.9	30,000*	78.9	134.8	30,000*	79.4	131.3	30,000*	50
	55	71.5	132.0	30,000*	76.6	133.1	30,000*	77.0	129.3	30,000*	55
	60	69.2	129.9	30,000*	74.3	131.2	30,000*	74.7	127.1	30,000*	60
	65	66.8	127.5	30,000*	72.0	129.0	30,000*	72.2	124.7	30,000*	65
	70	64.4	124.8	30,000*	69.6	126.6	30,000*	69.7	122.0	30,000*	70
	75	61.9	121.9	30,000*	67.1	123.9	30,000*	67.2	119.0	29,600*	75
	80	59.3	118.7	30,000*	64.6	121.0	30,000*	64.6	115.7	28,400*	80
	85	56.7	115.1	30,000*	62.0	117.7	30,000*	61.9	112.0	27,300*	85
	90	54.0	111.2	30,000*	59.4	114.1	30,000*	59.0	108.0	26,300*	90
	100	48.2	102.1	30,000*	56.6	110.2	30,000*	53.0	98.5	24,600*	100
	110	41.7	90.7	29,400*	50.8	100.9	28,500*	46.3	86.7	23,300*	110
120	34.1	76.1	26,800*	44.2	89.5	26,300*				120	
130	24.2	55.3	24,400	36.5	74.6	24,600*				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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>130</b>	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*				55
	60	74.2	172.7	30,000*	76.4	171.7	30,000*	80.2	171.3	30,000*	60
	65	72.4	170.9	30,000*	74.6	170.0	30,000*	78.4	169.7	30,000*	65
	70	70.7	169.0	30,000*	72.8	168.0	30,000*	76.7	167.9	30,000*	70
	75	68.9	166.9	30,000*	71.0	165.9	30,000*	74.9	166.0	30,000*	75
	80	67.1	164.6	30,000*	69.2	163.6	30,000*	73.0	163.8	30,000*	80
	85	65.2	162.1	30,000*	67.3	161.1	30,000*	71.2	161.5	30,000*	85
	90	63.3	159.4	30,000*	65.4	158.4	30,000*	69.3	158.9	30,000*	90
	100	59.5	153.3	30,000*	61.5	152.2	30,000*	67.4	156.2	29,700*	100
	110	55.4	146.3	29,800	57.5	145.1	30,000*	63.4	150.0	27,900*	110
	120	51.2	138.1	26,000	53.2	136.9	26,400	59.3	142.7	26,400*	120
	130	46.6	128.5	22,800	48.5	127.2	23,200	54.9	134.3	25,100*	130
	140	41.6	117.2	20,000	43.5	115.7	20,400	50.2	124.4	23,500	140
	150	36.0	103.5	17,700	37.8	101.8	17,900	45.0	112.6	20,600	150
160	29.4	86.2	15,600							160	
<b>140</b>	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	29,400	59.6	157.5	30,000*	61.3	155.1	27,100*	110
	120	53.7	151.2	25,500	55.6	149.9	26,000	57.3	147.4	25,800*	120
	130	49.6	142.5	22,300	51.5	141.2	22,800	53.1	138.5	23,100	130
	140	45.2	132.5	19,600	47.0	131.1	20,000	48.5	128.1	20,300	140
	150	40.3	120.6	17,200	42.1	119.1	17,500	43.5	115.9	17,800	150
160	34.9	106.4	15,200	36.6	104.6	15,400				160	
170	28.5	88.5	13,400							170	
<b>150</b>	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	28,800	61.4	169.5	29,500	63.1	167.1	27,800*	110
	120	55.9	163.8	25,000	57.8	162.6	25,500	59.4	160.1	26,100	120
	130	52.2	155.9	21,800	54.0	154.6	22,300	55.5	152.0	22,700	130
	140	48.2	146.8	19,000	49.9	145.4	19,400	51.4	142.6	19,800	140
	150	43.9	136.3	16,700	45.6	134.8	17,000	47.0	131.8	17,300	150
160	39.2	124.0	14,600	40.8	122.4	14,900	42.1	119.0	15,100	160	
170	33.9	109.3	12,800	35.5	107.4	13,000				170	
180	27.7	90.8	11,200							180	





# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>160</b>	45	80.9	207.7	30,000*							45
	50	79.5	206.6	30,000*							50
	55	78.1	205.4	30,000*							55
	60	76.6	204.0	30,000*	79.9	204.4	30,000*	80.2	200.9	30,000*	60
	65	75.1	202.6	30,000*	78.4	203.0	30,000*	78.8	199.4	30,000*	65
	70	73.7	201.0	30,000*	77.0	201.5	30,000*	77.2	197.8	30,000*	70
	75	72.2	199.2	30,000*	75.5	199.9	30,000*	75.7	196.0	30,000*	75
	80	70.7	197.3	30,000*	74.0	198.2	30,000*	74.2	194.1	30,000*	80
	85	69.1	195.2	30,000*	72.5	196.2	30,000*	72.6	192.0	30,000*	85
	90	67.6	193.0	30,000*	70.9	194.2	30,000*	71.1	189.7	30,000*	90
	100	64.5	188.1	30,000*	69.4	191.9	30,000*	67.9	184.7	30,000*	100
	110	61.2	182.4	28,400	66.2	187.0	30,000*	64.6	178.9	28,400*	110
	120	57.9	176.0	24,500	63.0	181.3	29,100	61.2	172.4	25,700	120
	130	54.4	168.7	21,300	59.6	174.8	25,100	57.6	164.9	22,300	130
	140	50.7	160.4	18,600	56.1	167.5	21,800	53.8	156.4	19,400	140
	150	46.8	150.9	16,200	52.4	159.1	19,000	49.9	146.6	16,900	150
	160	42.7	140.0	14,200	48.5	149.5	16,600	45.5	135.3	14,800	160
	170	38.1	127.3	12,400	44.3	138.5	14,500				170
	180	33.0	112.0	10,800	39.7	125.6	12,600				180
190	26.9	93.0	9,300	34.4	110.1	11,000				190	
<b>170</b>	50	80.0	216.8	30,000*							50
	55	78.6	215.7	30,000*							55
	60	77.2	214.4	30,000*	80.4	214.6	30,000*	80.7	211.2	30,000*	60
	65	75.8	213.0	30,000*	79.0	213.4	30,000*	79.3	209.8	30,000*	65
	70	74.4	211.5	30,000*	77.6	212.0	30,000*	77.9	208.3	30,000*	70
	75	73.0	209.8	30,000*	76.2	210.4	30,000*	76.4	206.6	30,000*	75
	80	71.6	208.0	30,000*	74.8	208.8	30,000*	75.0	204.7	30,000*	80
	85	70.2	206.1	30,000*	73.3	206.9	30,000*	73.5	202.8	30,000*	85
	90	68.7	204.0	30,000*	71.9	205.0	30,000*	72.1	200.6	30,000*	90
	100	65.8	199.3	30,000*	70.4	202.9	30,000*	69.0	195.9	30,000*	100
	110	62.7	194.0	28,000	67.5	198.2	30,000*	65.9	190.5	29,000*	110
	120	59.6	188.0	24,100	64.4	192.9	28,700	62.8	184.4	25,400	120
	130	56.3	181.2	20,900	61.2	186.8	24,800	59.4	177.4	22,000	130
	140	53.0	173.5	18,200	58.0	180.0	21,500	56.0	169.6	19,100	140
	150	49.4	164.8	15,900	54.6	172.2	18,700	52.3	160.7	16,600	150
	160	45.6	155.0	13,800	51.0	163.5	16,300	48.4	150.5	14,500	160
	170	41.6	143.6	12,000	47.2	153.5	14,200	44.3	138.8	12,600	170
	180	37.1	130.4	10,400	43.1	142.0	12,300				180
	190	32.1	114.7	9,000	38.6	128.7	10,700				190
200	26.2	95.1	7,700	33.5	112.7	9,200				200	
<b>180</b>	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	



# LIFTCRANE JIB CAPACITIES

MEETS  
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REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 OFFSET 4-1/2 DEGREES  
 144,100 LB. COUNTERWEIGHT  
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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	
190	50	80.9	237.2	30,000*							50
	55	79.6	236.2	30,000*							55
	60	78.4	235.0	30,000*							60
	65	77.1	233.8	30,000*	80.0	234.0	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

NEW YORK CITY CODE  
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*							65
	70	77.5	263.4	30,000*	80.0	263.6	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	28,900	74.3	256.4	30,000*	75.7	254.1	30,000*	90
	100	70.6	253.9	23,200	72.0	252.7	24,600	73.3	250.4	25,900	100
	110	68.3	249.8	18,700	69.7	248.6	19,900	71.0	246.2	21,000	110
	120	65.9	245.2	14,900	67.3	244.0	16,000	68.5	241.6	17,000	120
	130	63.4	240.0	11,800	64.8	238.8	12,800	66.0	236.4	13,700	130
	140	60.9	234.4	9,200	62.3	233.1	10,000	63.5	230.6	10,800	140
	150	58.4	228.1	6,900	59.7	226.8	7,700	60.9	224.2	8,400	150
160	55.7	221.2	4,900	57.0	219.9	5,600	58.2	217.2	6,200	160	
170							55.4	209.4	4,300	170	
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	28,300	74.9	266.9	29,900	76.2	264.6	30,000*	90
	100	71.4	264.5	22,600	72.7	263.4	24,000	74.0	261.1	25,400	100
	110	69.1	260.6	18,000	70.5	259.4	19,300	71.7	257.1	20,500	110
	120	66.8	256.2	14,200	68.2	255.0	15,400	69.4	252.6	16,400	120
	130	64.5	251.3	11,100	65.8	250.1	12,100	67.0	247.7	13,000	130
	140	62.1	245.9	8,400	63.4	244.7	9,400	64.6	242.2	10,200	140
	150	59.7	240.0	6,200	61.0	238.7	7,000	62.1	236.1	7,700	150
	160	57.2	233.4	4,200	58.4	232.1	4,900	59.6	229.4	5,600	160



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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*			20,000*				50
	55	73.6	143.2	20,000*	79.0	144.0	20,000*	80.2	140.2	20,000*	55
	60	71.5	141.2	20,000*	76.9	142.3	20,000*	78.0	138.3	20,000*	60
	65	69.3	139.1	20,000*	74.8	140.3	20,000*	75.8	136.1	20,000*	65
	70	67.1	136.7	20,000*	72.6	138.2	20,000*	73.5	133.7	20,000*	70
	75	64.9	134.1	20,000*	70.3	135.8	20,000*	71.2	131.0	20,000*	75
	80	62.6	131.3	20,000*	68.1	133.2	20,000*	68.8	128.1	20,000*	80
	85	60.2	128.1	20,000*	65.8	130.3	20,000*	66.4	124.8	20,000*	85
	90	57.8	124.7	20,000*	63.4	127.1	20,000*	63.9	121.3	20,000*	90
	100	52.7	116.8	20,000*	60.9	123.7	20,000*	58.7	113.2	20,000*	100
	110	47.2	107.3	20,000*	55.8	115.7	20,000*	53.0	103.3	19,500*	110
	120	41.1	95.7	20,000*	50.3	106.1	20,000*	46.5	91.1	18,400*	120
130	33.9	80.9	20,000*	44.0	94.3	20,000*				130	
140	24.8	60.2	19,600*	36.8	79.2	19,500*				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*	80.9	150.7	20,000*	50
	55	74.7	153.7	20,000*	77.8	152.8	20,000*	78.8	148.9	20,000*	55
	60	72.8	152.0	20,000*	75.8	151.0	20,000*	76.8	146.9	20,000*	60
	65	70.8	150.0	20,000*	73.8	149.0	20,000*	74.7	144.6	20,000*	65
	70	68.7	147.8	20,000*	71.7	146.8	20,000*	72.6	142.2	20,000*	70
	75	66.7	145.4	20,000*	69.7	144.4	20,000*	70.4	139.5	20,000*	75
	80	64.5	142.8	20,000*	67.5	141.8	20,000*	68.2	136.5	20,000*	80
	85	62.4	139.9	20,000*	65.4	138.9	20,000*	66.0	133.3	20,000*	85
	90	60.2	136.8	20,000*	63.2	135.7	20,000*	61.3	126.0	20,000*	90
	100	55.6	129.7	20,000*	58.5	128.6	20,000*	56.2	117.3	20,000*	100
	110	50.7	121.3	20,000*	53.6	120.1	20,000*	50.7	106.9	19,000*	110
	120	45.5	111.2	20,000*	48.3	109.9	20,000*	44.5	94.0	18,100*	120
130	39.6	99.0	20,000*	42.3	97.5	20,000*				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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>120</b>	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	
<b>130</b>	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	
<b>140</b>	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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

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 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	
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	
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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>180</b>	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	18,200	59.1	198.1	18,800	60.8	195.1	19,400	140
	150	54.1	192.1	15,800	56.0	190.6	16,400	57.7	187.5	16,900	150
	160	51.0	183.8	13,800	52.8	182.3	14,300	54.4	179.0	14,800	160
	170	47.6	174.5	12,000	49.4	172.9	12,400	50.9	169.5	12,800	170
180	44.0	164.0	10,400	45.8	162.3	10,800	47.3	158.6	11,100	180	
190	40.2	152.1	9,000	42.0	150.2	9,300	43.3	146.3	9,600	190	
200	36.1	138.3	7,700	37.7	136.3	8,000				200	
210	31.4	122.1	6,500	32.9	119.7	6,700				210	
220	25.9	102.0	5,400							220	
<b>190</b>	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	
<b>200</b>	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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>210</b>	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	16,200	68.0	244.4	17,500	69.7	241.6	18,700	120
	130	63.9	240.7	13,100	65.6	239.3	14,200	67.2	236.5	15,300	130
	140	61.4	235.1	10,400	63.1	233.7	11,400	64.6	230.8	12,400	140
150	58.8	228.9	8,100	60.5	227.4	9,000	62.0	224.4	9,900	150	
160	56.2	222.0	6,100	57.8	220.6	7,000	59.3	217.4	7,700	160	
170	53.5	214.5	4,400	55.1	212.9	5,100	56.5	209.7	5,800	170	
180							53.6	201.2	4,100	180	
<b>220</b>	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	19,300	71.2	259.8	20,000*	72.8	257.1	20,000*	110
	120	67.2	256.8	15,600	68.9	255.4	16,900	70.5	252.6	18,200	120
	130	64.9	251.9	12,400	66.6	250.6	13,600	68.1	247.7	14,800	130
	140	62.5	246.6	9,700	64.2	245.2	10,800	65.7	242.3	11,800	140
150	60.1	240.7	7,500	61.7	239.3	8,400	63.2	236.3	9,300	150	
160	57.6	234.2	5,500	59.2	232.8	6,300	60.7	229.7	7,100	160	
170				56.6	225.6	4,500	58.0	222.4	5,200	170	
<b>230</b>	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	18,700	71.9	270.6	20,000*	73.4	267.8	20,000*	110
	120	68.1	267.7	14,900	69.7	266.4	16,300	71.2	263.6	17,600	120
	130	65.9	263.1	11,700	67.5	261.7	13,000	69.0	258.9	14,200	130
	140	63.6	258.0	9,000	65.2	256.6	10,200	66.7	253.7	11,200	140
150	61.3	252.4	6,700	62.9	251.0	7,800	64.3	248.0	8,700	150	
160	58.9	246.2	4,700	60.5	244.8	5,700	61.9	241.7	6,500	160	
170							59.4	234.8	4,600	170	





# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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*			10,000*				50
	55	74.7	153.8	10,000*	80.4	154.5	10,000*				55
	60	72.7	152.0	10,000*	78.4	152.9	10,000*				60
	65	70.7	150.0	10,000*	76.4	151.1	10,000*	80.1	149.0	10,000*	65
	70	68.7	147.9	10,000*	74.4	149.1	10,000*	78.1	147.0	10,000*	70
	75	66.6	145.5	10,000*	72.4	146.9	10,000*	76.0	144.7	10,000*	75
	80	64.5	142.8	10,000*	70.3	144.5	10,000*	73.9	142.3	10,000*	80
	85	62.4	140.0	10,000*	68.2	141.9	10,000*	71.7	139.6	10,000*	85
	90	60.2	136.9	10,000*	66.0	139.0	10,000*	69.5	136.7	10,000*	90
	100	55.6	129.8	10,000*	63.8	135.9	10,000*	67.3	133.5	10,000*	100
	110	50.7	121.4	10,000*	59.2	128.7	10,000*	62.6	126.2	10,000*	110
	120	45.4	111.3	10,000*	54.3	120.2	10,000*	57.5	117.5	10,000*	120
	130	39.5	99.1	10,000*	48.9	110.1	10,000*	52.0	107.0	10,000*	130
140	32.7	83.6	10,000*	42.9	97.7	10,000*	45.9	94.2	10,000*	140	
150	23.8	62.2	10,000*	35.9	81.9	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	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>120</b>	45	80.5	187.5	10,000*							45
	50	78.9	186.4	10,000*							50
	55	77.3	185.1	10,000*			10,000*				55
	60	75.7	183.6	10,000*	80.4	184.1	10,000*				60
	65	74.0	182.0	10,000*	78.8	182.6	10,000*				65
	70	72.4	180.3	10,000*	77.1	181.0	10,000*	80.2	178.6	10,000*	70
	75	70.7	178.3	10,000*	75.4	179.2	10,000*	78.5	176.8	10,000*	75
	80	69.0	176.2	10,000*	73.8	177.3	10,000*	76.8	174.8	10,000*	80
	85	67.3	173.9	10,000*	72.1	175.1	10,000*	75.1	172.6	10,000*	85
	90	65.5	171.4	10,000*	70.3	172.8	10,000*	73.3	170.3	10,000*	90
	100	62.0	165.9	10,000*	68.6	170.3	10,000*	71.5	167.8	10,000*	100
	110	58.3	159.5	10,000*	65.0	164.8	10,000*	67.9	162.1	10,000*	110
	120	54.4	152.2	10,000*	61.3	158.3	10,000*	64.1	155.6	10,000*	120
	130	50.3	143.7	10,000*	57.3	150.9	10,000*	60.1	148.0	10,000*	130
140	45.9	133.8	10,000*	53.2	142.3	10,000*	55.9	139.2	10,000*	140	
150	41.1	122.2	10,000*	48.8	132.4	10,000*	51.3	129.0	10,000*	150	
160	35.8	108.4	10,000*	43.9	120.7	10,000*	46.3	116.9	10,000*	160	
170	29.6	91.0	10,000*	38.5	106.5	10,000*	40.7	102.2	10,000*	170	
180	21.5	67.3	10,000*	32.1	88.8	10,000*				180	
<b>130</b>	45	81.0	197.8	10,000*							45
	50	79.5	196.7	10,000*							50
	55	78.0	195.4	10,000*			10,000*				55
	60	76.4	194.1	10,000*	80.9	194.4	10,000*				60
	65	74.9	192.5	10,000*	79.4	193.0	10,000*				65
	70	73.3	190.9	10,000*	77.8	191.5	10,000*	80.7	189.0	10,000*	70
	75	71.7	189.0	10,000*	76.2	189.8	10,000*	79.1	187.3	10,000*	75
	80	70.1	187.1	10,000*	74.7	188.0	10,000*	77.5	185.4	10,000*	80
	85	68.5	184.9	10,000*	73.0	186.0	10,000*	75.9	183.4	10,000*	85
	90	66.9	182.6	10,000*	71.4	183.8	10,000*	74.3	181.2	10,000*	90
	100	63.6	177.4	10,000*	69.8	181.5	10,000*	72.6	178.8	10,000*	100
	110	60.1	171.5	10,000*	66.4	176.3	10,000*	69.2	173.6	10,000*	110
	120	56.6	164.7	10,000*	63.0	170.3	10,000*	65.7	167.5	10,000*	120
	130	52.8	156.9	10,000*	59.4	163.4	10,000*	62.0	160.5	10,000*	130
140	48.8	148.0	10,000*	55.6	155.6	10,000*	58.1	152.5	10,000*	140	
150	44.6	137.7	10,000*	51.6	146.6	10,000*	54.0	143.3	10,000*	150	
160	40.0	125.6	10,000*	47.3	136.2	10,000*	49.6	132.6	10,000*	160	
170	34.8	111.3	10,000*	42.6	124.0	10,000*	44.8	120.0	10,000*	170	
180	28.7	93.3	10,000*	37.3	109.3	10,000*				180	
190	20.9	68.9	10,000*	31.1	91.0	10,000*				190	
<b>140</b>	50	80.0	206.9	10,000*							50
	55	78.6	205.7	10,000*							55
	60	77.1	204.4	10,000*			10,000*				60
	65	75.6	203.0	10,000*	79.9	203.3	10,000*				65
	70	74.2	201.4	10,000*	78.4	201.9	10,000*				70
	75	72.7	199.7	10,000*	76.9	200.3	10,000*	79.7	197.8	10,000*	75
	80	71.2	197.8	10,000*	75.4	198.6	10,000*	78.2	196.0	10,000*	80
	85	69.7	195.8	10,000*	73.9	196.7	10,000*	76.7	194.1	10,000*	85
	90	68.1	193.6	10,000*	72.4	194.7	10,000*	75.1	192.0	10,000*	90
	100	65.0	188.8	10,000*	70.9	192.5	10,000*	73.5	189.8	10,000*	100
	110	61.8	183.2	10,000*	67.7	187.6	10,000*	70.3	184.8	10,000*	110
	120	58.4	176.9	10,000*	64.5	182.0	10,000*	67.0	179.2	10,000*	120
	130	55.0	169.7	10,000*	61.1	175.6	10,000*	63.6	172.7	10,000*	130
	140	51.3	161.5	10,000*	57.6	168.4	10,000*	60.1	165.3	10,000*	140
150	47.5	152.2	10,000*	54.0	160.1	10,000*	56.3	156.9	10,000*	150	
160	43.4	141.5	10,000*	50.1	150.7	10,000*	52.4	147.2	10,000*	160	
170	38.9	129.0	10,000*	45.9	139.8	10,000*	48.1	136.1	10,000*	170	
180	33.8	114.1	10,000*	41.3	127.2	10,000*	43.4	123.0	10,000*	180	
190	27.9	95.6	10,000*	36.2	112.1	10,000*				190	
200	20.3	70.4	9,700	30.1	93.1	10,000*				200	



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 1**

**NEW YORK CITY CODE  
 JIB NO. 123 WITH 12'6" STRUT ON  
 BOOM NO. 22E WITH OPEN THROAT TOP  
 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	
<b>150</b>	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
<b>160</b>	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	
<b>170</b>	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	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 1

NEW YORK CITY CODE  
JIB NO. 123 WITH 12'6" STRUT ON  
BOOM NO. 22E WITH OPEN THROAT TOP  
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	
180	55	80.5	246.7	10,000*							55
	60	79.3	245.6	10,000*							60
	65	78.1	244.4	10,000*							65
	70	76.8	243.1	10,000*	80.4	243.2	10,000*				70
	75	75.6	241.7	10,000*	79.2	241.9	10,000*				75
	80	74.4	240.2	10,000*	77.9	240.5	10,000*	80.2	237.8	10,000*	80
	85	73.2	238.5	10,000*	76.7	239.0	10,000*	79.0	236.2	10,000*	85
	90	71.9	236.8	10,000*	75.5	237.3	10,000*	77.7	234.5	10,000*	90
	100	69.4	232.9	10,000*	74.2	235.5	10,000*	76.5	232.7	10,000*	100
	110	66.8	228.4	10,000*	71.7	231.6	10,000*	73.9	228.7	10,000*	110
	120	64.2	223.4	10,000*	69.1	227.1	10,000*	71.3	224.2	10,000*	120
	130	61.5	217.8	10,000*	66.4	222.1	10,000*	68.6	219.1	10,000*	130
	140	58.7	211.6	10,000*	63.7	216.5	10,000*	65.8	213.4	10,000*	140
	150	55.8	204.7	10,000*	60.9	210.2	10,000*	63.0	207.0	10,000*	150
	160	52.9	196.9	10,000*	58.0	203.2	10,000*	60.1	199.9	10,000*	160
	170	49.8	188.3	10,000*	55.0	195.4	10,000*	57.0	192.0	10,000*	170
	180	46.5	178.7	10,000*	51.9	186.7	10,000*	53.8	183.2	10,000*	180
	190	43.0	167.9	9,200	48.6	177.0	10,000*	50.5	173.2	10,000*	190
	200	39.3	155.6	7,900	45.1	166.1	9,600	46.9	162.0	10,000*	200
	210	35.2	141.4	6,800	41.3	153.7	8,300	43.0	149.2	8,600	210
220	30.7	124.7	5,700	37.2	139.3	7,100				220	
230	25.3	104.1	4,700	32.5	122.3	6,000				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*							65
	70	77.4	253.5	10,000*	80.8	253.5	10,000*				70
	75	76.2	252.1	10,000*	79.6	252.3	10,000*				75
	80	75.0	250.7	10,000*	78.4	250.9	10,000*	80.6	248.1	10,000*	80
	85	73.8	249.1	10,000*	77.3	249.4	10,000*	79.4	246.6	10,000*	85
	90	72.7	247.4	10,000*	76.1	247.8	10,000*	78.2	245.0	10,000*	90
	100	70.2	243.6	10,000*	74.9	246.1	10,000*	77.0	243.3	10,000*	100
	110	67.8	239.4	10,000*	72.4	242.4	10,000*	74.6	239.5	10,000*	110
	120	65.3	234.7	10,000*	70.0	238.1	10,000*	72.1	235.2	10,000*	120
	130	62.7	229.4	10,000*	67.5	233.3	10,000*	69.5	230.3	10,000*	130
	140	60.1	223.5	10,000*	64.9	228.0	10,000*	66.9	224.9	10,000*	140
	150	57.4	216.9	10,000*	62.2	222.1	10,000*	64.2	218.9	10,000*	150
	160	54.6	209.7	10,000*	59.5	215.5	10,000*	61.5	212.2	10,000*	160
	170	51.7	201.6	10,000*	56.7	208.2	10,000*	58.6	204.8	10,000*	170
	180	48.7	192.7	10,000*	53.8	200.1	10,000*	55.6	196.5	10,000*	180
	190	45.5	182.7	8,600	50.7	191.0	10,000*	52.5	187.3	10,000*	190
	200	42.1	171.6	7,400	47.5	181.0	9,100	49.2	177.1	9,600	200
	210	38.5	158.9	6,200	44.1	169.7	7,800	45.7	165.5	8,200	210
220	34.5	144.4	5,200	40.4	156.9	6,600	41.9	152.3	6,900	220	
230	30.0	127.2	4,200	36.4	142.1	5,500				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*							70
	75	76.7	262.5	10,000*	80.0	262.5	10,000*				75
	80	75.6	261.1	10,000*	78.9	261.2	10,000*	81.0	258.4	10,000*	80
	85	74.5	259.6	10,000*	77.8	259.8	10,000*	79.9	257.0	10,000*	85
	90	73.3	258.0	10,000*	76.6	258.3	10,000*	78.7	255.5	10,000*	90
	100	71.0	254.4	10,000*	75.5	256.7	10,000*	77.6	253.8	10,000*	100
	110	68.7	250.3	10,000*	73.1	253.1	10,000*	75.2	250.2	10,000*	110
	120	66.3	245.8	10,000*	70.8	249.0	10,000*	72.8	246.1	10,000*	120
	130	63.9	240.7	10,000*	68.4	244.4	10,000*	70.4	241.4	10,000*	130
	140	61.4	235.1	10,000*	65.9	239.4	10,000*	67.9	236.3	10,000*	140
	150	58.8	228.9	8,900	63.4	233.7	10,000*	65.4	230.6	10,000*	150
	160	56.2	222.1	6,900	60.9	227.5	10,000*	62.8	224.2	10,000*	160
	170	53.5	214.5	5,200	58.2	220.6	7,900	60.1	217.2	8,800	170
	180				55.5	213.0	6,100	57.3	209.5	6,800	180
					52.6	204.6	4,400	54.4	200.9	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 1

NEW YORK CITY CODE  
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*			10,000*				70
	75	77.2	272.8	10,000*	80.4	272.8	10,000*				75
	80	76.2	271.5	10,000*	79.3	271.6	10,000*				80
	85	75.1	270.0	10,000*	78.2	270.2	10,000*	80.3	267.4	10,000*	85
	90	74.0	268.5	10,000*	77.1	268.7	10,000*	79.1	265.9	10,000*	90
	100	71.8	265.0	10,000*	76.0	267.2	10,000*	78.0	264.3	10,000*	100
	110	69.5	261.2	10,000*	73.8	263.7	10,000*	75.8	260.8	10,000*	110
	120	67.2	256.8	10,000*	71.5	259.8	10,000*	73.5	256.9	10,000*	120
	130	64.9	252.0	10,000*	69.2	255.5	10,000*	71.2	252.4	10,000*	130
	140	62.5	246.7	10,000*	66.9	250.6	10,000*	68.8	247.5	10,000*	140
150	60.1	240.8	8,400	64.5	245.3	10,000*	66.4	242.1	10,000*	150	
160	57.6	234.3	6,400	62.1	239.3	9,500	63.9	236.1	10,000*	160	
170	55.0	227.2	4,600	59.6	232.8	7,400	61.4	229.5	8,300	170	
180				57.0	225.6	5,600	58.7	222.2	6,400	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
	85	75.6	280.5	10,000*	77.6	279.2	10,000*	80.6	277.7	10,000*	85
	90	74.6	279.0	10,000*	76.5	277.6	10,000*	79.6	276.3	10,000*	90
	100	72.4	275.7	10,000*	74.4	274.3	10,000*	78.5	274.7	10,000*	100
	110	70.3	271.9	10,000*	72.2	270.6	10,000*	76.3	271.4	10,000*	110
	120	68.1	267.8	10,000*	70.0	266.4	10,000*	74.1	267.6	10,000*	120
	130	65.9	263.2	10,000*	67.8	261.8	10,000*	71.9	263.4	10,000*	130
	140	63.6	258.1	10,000*	65.5	256.6	10,000*	69.6	258.7	10,000*	140
150	61.3	252.4	7,700	63.2	251.0	8,900	67.3	253.5	10,000*	150	
160	58.9	246.3	5,700	60.8	244.8	6,800	65.0	247.8	10,000*	160	
170	56.5	239.5	4,000	58.3	238.0	4,900	62.5	241.5	7,800	170	
180							60.1	234.6	5,800	180	
							57.5	227.0	4,100		