

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' CRAWLERS EXTENDED
360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6274-C. 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. 48168, JIB ASSEMBLY NO. 43730 AND WIRE ROPE SPECIFICATION CHART NO. 6664-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.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE 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 24' EXTENDIBLE CRAWLERS, 48" TREADS, 15' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 1ST COUNTERWEIGHT = 40,100 LBS., (39,000 LBS. WITH COUNTERWEIGHT ASSEMBLY NO. 48998), 2ND COUNTERWEIGHT = 35,800 LBS., AND 3RD COUNTERWEIGHT = 28,500 LBS.

MAXIMUM CAPACITY ON 1-1/8" - 6 X 25 IPS, INRC IS 28,300 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BOOM LGTH.	JIB NO. 123	BOOM LGTH.	JIB NO. 123
220'	---	200'	---
210'	---	190'	---
200'	40'	180'	50'
190'	60'	170'	60'

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.

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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	35	80.1	147.3	40,000*							35
	40	78.0	146.1	40,000*	80.0	145.4	40,000*				40
	45	76.0	144.7	40,000*	77.9	144.0	40,000*	79.8	142.5	40,000*	45
	50	73.9	143.1	40,000*	75.8	142.4	40,000*	77.7	140.9	40,000*	50
	55	71.7	141.3	40,000*	73.7	140.5	40,000*	75.6	139.0	40,000*	55
	60	69.6	139.2	40,000*	71.5	138.5	40,000*	73.4	137.0	40,000*	60
	65	67.4	137.0	40,000*	69.3	136.3	40,000*	71.1	134.7	40,000*	65
	70	65.2	134.5	39,100	67.1	133.8	39,800	68.9	132.2	40,000*	70
	80	60.6	128.8	32,400	62.5	128.0	32,900	64.2	126.3	33,400	80
	90	55.7	121.9	27,300	57.6	121.1	27,700	59.2	119.3	28,100	90
120	100	50.6	113.6	23,300	52.4	112.8	23,600				100
	110	44.9	103.7	20,100	46.7	102.7	20,400				110
	120	38.6	91.4	17,500							120
130	35	80.7	157.5	40,000*							35
	40	78.8	156.4	40,000*	80.7	155.7	40,000*				40
	45	76.9	155.1	40,000*	78.8	154.4	40,000*	80.5	152.9	40,000*	45
	50	75.0	153.6	40,000*	76.8	152.9	40,000*	78.6	151.3	40,000*	50
	55	73.0	151.9	40,000*	74.8	151.2	40,000*	76.6	149.6	40,000*	55
	60	71.0	150.0	40,000*	72.8	149.3	40,000*	74.5	147.7	40,000*	60
	65	69.0	148.0	40,000*	70.8	147.2	40,000*	72.5	145.6	40,000*	65
	70	66.9	145.7	38,500	68.7	144.9	39,200	70.4	143.3	39,900	70
	80	62.7	140.4	31,700	64.5	139.6	32,300	66.1	138.0	32,800	80
	90	58.3	134.2	26,600	60.1	133.4	27,100	61.6	131.6	27,500	90
	100	53.7	126.8	22,600	55.4	125.9	23,000	56.9	124.0	23,400	100
	110	48.7	118.0	19,400	50.4	117.0	19,800				110
	120	43.3	107.4	16,800							120
	130	37.2	94.5	14,600							130

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	40	79.5	166.6	40,000*							40
	45	77.7	165.4	40,000*	79.5	164.7	40,000*				45
	50	75.9	164.0	40,000*	77.6	163.3	40,000*	79.3	161.8	40,000*	50
	55	74.1	162.5	40,000*	75.8	161.7	40,000*	77.4	160.2	40,000*	55
	60	72.2	160.7	40,000*	73.9	160.0	40,000*	75.5	158.4	40,000*	60
	65	70.3	158.8	40,000*	72.0	158.0	40,000*	73.6	156.4	40,000*	65
	70	68.4	156.7	38,200	70.1	155.9	38,900	71.7	154.3	39,600	70
	80	64.6	151.8	31,400	66.2	151.0	32,000	67.8	149.4	32,600	80
	90	60.5	146.1	26,300	62.2	145.3	26,800	63.6	143.5	27,300	90
	100	56.3	139.4	22,300	57.9	138.5	22,700	59.3	136.7	23,100	100
	110	51.8	131.5	19,100	53.4	130.5	19,500	54.8	128.6	19,800	110
	120	47.0	122.2	16,500	48.6	121.2	16,800				120
	130	41.8	111.1	14,300							130
140	40	80.1	176.9	40,000*							40
	45	78.5	175.7	40,000*	80.1	175.0	40,000*				45
	50	76.7	174.4	40,000*	78.4	173.7	40,000*	79.9	172.1	40,000*	50
	55	75.0	172.9	40,000*	76.6	172.2	40,000*	78.2	170.6	40,000*	55
	60	73.3	171.3	40,000*	74.9	170.6	40,000*	76.4	169.0	40,000*	60
	65	71.5	169.5	40,000*	73.1	168.8	40,000*	74.7	167.1	40,000*	65
	70	69.8	167.5	37,600	71.4	166.8	38,400	72.9	165.1	39,100	70
	80	66.1	163.0	30,800	67.7	162.2	31,500	69.2	160.6	32,100	80
	90	62.4	157.7	25,700	64.0	156.9	26,200	65.4	155.2	26,700	90
	100	58.5	151.5	21,700	60.1	150.7	22,200	61.4	148.9	22,600	100
	110	54.5	144.3	18,500	56.0	143.4	18,900	57.3	141.5	19,200	110
	120	50.1	136.0	15,800	51.6	135.0	16,200				120
	130	45.5	126.2	13,700	47.0	125.1	13,900				130
	140	40.5	114.6	11,800							140
150	40	80.7	187.1	40,000*							40
	45	79.1	186.0	40,000*	80.6	185.2	40,000*				45
	50	77.5	184.8	40,000*	79.0	184.0	40,000*	80.5	182.4	40,000*	50
	55	75.9	183.4	40,000*	77.4	182.6	40,000*	78.9	181.0	40,000*	55
	60	74.2	181.8	40,000*	75.8	181.1	40,000*	77.2	179.5	40,000*	60
	65	72.6	180.2	40,000*	74.1	179.4	40,000*	75.5	177.8	40,000*	65
	70	70.9	178.3	37,100	72.4	177.5	37,900	73.9	175.9	38,700	70
	80	67.5	174.1	30,300	69.0	173.3	31,000	70.4	171.6	31,600	80
	90	64.1	169.1	25,100	65.5	168.3	25,700	66.9	166.6	26,300	90
	100	60.5	163.4	21,200	61.9	162.5	21,700	63.2	160.8	22,100	100
	110	56.7	156.8	17,900	58.2	155.9	18,400	59.4	154.0	18,800	110
	120	52.8	149.1	15,300	54.2	148.2	15,700	55.4	146.2	16,000	120
	130	48.6	140.3	13,100	50.0	139.3	13,400				130
	140	44.2	130.1	11,300							140
	150	39.3	118.0	9,700							150
160	45	79.7	196.2	40,000*							45
	50	78.1	195.1	40,000*	79.6	194.3	40,000*	81.0	192.7	40,000*	50
	55	76.6	193.8	40,000*	78.1	193.0	40,000*	79.5	191.4	40,000*	55
	60	75.1	192.3	40,000*	76.5	191.5	40,000*	77.9	189.9	40,000*	60
	65	73.5	190.7	40,000*	75.0	189.9	40,000*	76.3	188.3	40,000*	65
	70	72.0	189.0	36,500	73.4	188.2	37,400	74.7	186.5	38,200	70
	80	68.8	185.0	29,700	70.2	184.2	30,400	71.5	182.5	31,100	80
	90	65.5	180.4	24,500	66.9	179.5	25,200	68.2	177.8	25,800	90
	100	62.2	175.0	20,500	63.5	174.2	21,100	64.8	172.4	21,600	100
	110	58.7	168.9	17,300	60.1	168.0	17,800	61.3	166.1	18,200	110
	120	55.1	161.8	14,700	56.4	160.9	15,100	57.6	159.0	15,500	120
	130	51.3	153.8	12,500	52.6	152.8	12,800				130
	140	47.2	144.6	10,600	48.5	143.5	10,900				140
	150	42.9	133.9	9,000							150
	160	38.1	121.3	7,600							160

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' CRAWLERS EXTENDED
360 DEGREE RATING

MEETS
ANSI B30.5
REQUIREMENTS

4000W

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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	45	80.2	206.5	40,000*	80.1	204.6	40,000*				45
	50	78.7	205.4	40,000*							50
	55	77.3	204.1	40,000*	78.7	203.3	40,000*	80.0	201.7	40,000*	55
	60	75.8	202.7	40,000*	77.2	202.0	40,000*	78.5	200.3	40,000*	60
	65	74.4	201.2	40,000*	75.7	200.4	40,000*	77.0	198.8	40,000*	65
	70	72.9	199.6	36,100	74.3	198.8	37,000	75.5	197.1	37,900	70
	80	69.9	195.8	29,300	71.2	195.0	30,100	72.5	193.3	30,800	80
	90	66.8	191.5	24,200	68.1	190.6	24,800	69.4	188.9	25,500	90
	100	63.7	186.5	20,200	65.0	185.6	20,800	66.2	183.8	21,300	100
	110	60.4	180.7	17,000	61.7	179.8	17,500	62.9	178.0	17,900	110
	120	57.0	174.2	14,300	58.3	173.3	14,800	59.5	171.4	15,200	120
	130	53.5	166.8	12,100	54.8	165.8	12,500				130
180	140	49.9	158.3	10,300	51.1	157.3	10,600				140
	150	45.9	148.6	8,700	47.2	147.6	9,000				150
	160	41.7	137.5	7,300							160
	170	37.1	124.5	6,100							170
	45	80.6	216.6	40,000*	80.6	214.8	40,000*				45
	50	79.3	215.6	40,000*							50
	55	77.9	214.4	40,000*	79.2	213.6	40,000*	80.5	212.0	40,000*	55
	60	76.5	213.1	40,000*	77.8	212.3	40,000*	79.1	210.7	40,000*	60
	65	75.1	211.7	39,900	76.4	210.9	40,000*	77.7	209.2	40,000*	65
	70	73.7	210.1	35,600	75.0	209.3	36,600	76.3	207.7	37,500	70
	80	70.9	206.6	28,800	72.2	205.8	29,600	73.4	204.1	30,400	80
	90	68.0	202.5	23,600	69.3	201.6	24,400	70.4	199.9	25,000	90
	100	65.0	197.7	19,600	66.3	196.9	20,200	67.4	195.1	20,800	100
	110	61.9	192.3	16,400	63.2	191.5	17,000	64.3	189.6	17,400	110
190	120	58.8	186.2	13,800	60.0	185.3	14,300	61.1	183.4	14,700	120
	130	55.5	179.3	11,600	56.8	178.4	12,000	57.8	176.4	12,400	130
	140	52.1	171.5	9,700	53.3	170.5	10,100				140
	150	48.6	162.7	8,100	49.7	161.6	8,400				150
	160	44.8	152.6	6,700	45.9	151.5	7,000				160
	170	40.7	141.1	5,500							170
	180	36.2	127.6	4,400							180
	50	79.8	225.8	40,000*	81.0	225.0	40,000*	80.9	222.3	40,000*	50
	55	78.5	224.7	40,000*	79.7	223.9	40,000*	79.6	221.0	40,000*	55
	60	77.1	223.5	40,000*	78.4	222.7	40,000*	78.3	219.6	40,000*	60
	65	75.8	222.1	39,400	77.1	221.3	40,000*	76.9	218.1	37,100	65
	70	74.5	220.6	35,100	75.7	219.8	36,100	74.2	214.7	30,000	70
	80	71.8	217.2	28,300	73.0	216.4	29,100	71.4	210.8	24,600	80
	90	69.0	213.3	23,100	70.2	212.5	23,900	68.5	206.2	20,400	90
	100	66.2	208.9	19,100	67.4	208.0	19,800	65.6	201.1	17,000	100
	110	63.3	203.8	15,900	64.5	202.9	16,500	62.6	195.3	14,200	110
	120	60.4	198.0	13,300	61.6	197.1	13,800	59.5	188.7	11,900	120
200	130	57.3	191.6	11,100	58.5	190.6	11,500	56.3	181.3	9,900	130
	140	54.2	184.3	9,200	55.3	183.3	9,600				140
	150	50.8	176.1	7,600	52.0	175.1	7,900				150
	160	47.4	166.9	6,200	48.5	165.8	6,500				160
	170	43.7	156.5	5,000							170
	50	80.2	236.0	40,000*	80.2	234.2	40,000*	80.1	231.3	40,000*	50
	55	79.0	235.0	40,000*							55
	60	77.7	233.8	40,000*	78.9	233.0	40,000*	78.8	230.0	40,000*	60
	65	76.4	232.5	38,800	77.6	231.7	40,000*	77.5	228.6	36,600	65
	70	75.2	231.1	34,500	76.4	230.2	35,600	74.9	225.3	29,500	70
	80	72.6	227.9	27,700	73.8	227.0	28,600	72.2	221.6	24,100	80
	90	70.0	224.1	22,500	71.1	223.3	23,300	69.5	217.3	19,800	90
	100	67.3	219.9	18,500	68.5	219.0	19,200	66.8	212.4	16,500	100
	110	64.6	215.1	15,300	65.7	214.2	15,900	64.0	206.9	13,700	110
	120	61.8	209.6	12,700	62.9	208.7	13,200	61.0	200.7	11,300	120
	130	58.9	203.6	10,400	60.0	202.6	10,900	58.0	193.8	9,400	130
	140	55.9	196.8	8,600	57.1	195.8	9,000				140
	150	52.9	189.2	7,000	54.0	188.1	7,300				150
	160	49.6	180.6	5,600	50.7	179.6	5,900				160
	170	46.2	171.1	4,400	47.3	170.0	4,700				170

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	40	79.3	156.3	30,000*							40
	45	77.4	155.0	30,000*	79.9	154.2	30,000*				45
	50	75.5	153.6	30,000*	77.9	152.7	30,000*	80.3	150.7	30,000*	50
	55	73.5	151.9	30,000*	75.9	151.0	30,000*	78.3	149.0	30,000*	55
	60	71.5	150.0	30,000*	73.9	149.1	30,000*	76.3	147.1	30,000*	60
	65	69.5	147.9	30,000*	71.9	147.0	30,000*	74.2	145.0	30,000*	65
	70	67.4	145.6	30,000*	69.8	144.7	30,000*	72.1	142.7	30,000*	70
	80	63.2	140.4	30,000*	65.6	139.4	30,000*	67.8	137.3	30,000*	80
	90	58.8	134.1	27,600	61.2	133.1	28,100	63.3	130.9	28,500*	90
	100	54.2	126.7	23,600	56.5	125.6	24,000	58.5	123.3	24,500	100
	110	49.2	118.0	20,400	51.5	116.8	20,800				110
	120	43.8	107.4	17,700							120
	130	37.7	94.5	15,600							130
120	40	80.0	166.6	30,000*							40
	45	78.2	165.4	30,000*	80.5	164.5	30,000*				45
	50	76.4	164.0	30,000*	78.7	163.1	30,000*	80.9	161.1	30,000*	50
	55	74.5	162.4	30,000*	76.8	161.5	30,000*	79.1	159.5	30,000*	55
	60	72.7	160.7	30,000*	75.0	159.7	30,000*	77.2	157.8	30,000*	60
	65	70.8	158.8	30,000*	73.1	157.8	30,000*	75.3	155.8	30,000*	65
	70	68.9	156.6	30,000*	71.2	155.7	30,000*	73.3	153.6	30,000*	70
	80	65.0	151.8	30,000*	67.3	150.8	30,000*	69.4	148.7	30,000*	80
	90	61.0	146.1	26,900	63.2	145.0	27,500	65.2	142.8	28,100	90
	100	56.8	139.3	22,900	58.9	138.2	23,400	60.9	135.9	23,900	100
	110	52.3	131.4	19,700	54.4	130.3	20,100				110
	120	47.5	122.1	17,100	49.6	120.9	17,400				120
	130	42.3	111.0	14,900							130
	140	36.4	97.5	13,000							140
130	40	80.5	176.8	30,000*							40
	45	78.9	175.7	30,000*							45
	50	77.2	174.4	30,000*	79.4	173.4	30,000*				50
	55	75.5	172.9	30,000*	77.6	172.0	30,000*	79.7	170.0	30,000*	55
	60	73.7	171.3	30,000*	75.9	170.3	30,000*	78.0	168.3	30,000*	60
	65	72.0	169.5	30,000*	74.1	168.5	30,000*	76.2	166.5	30,000*	65
	70	70.2	167.5	30,000*	72.3	166.5	30,000*	74.4	164.4	30,000*	70
	80	66.6	163.0	30,000*	68.7	162.0	30,000*	70.7	159.8	30,000*	80
	90	62.8	157.7	26,600	64.9	156.6	27,200	66.9	154.4	27,900	90
	100	59.0	151.5	22,600	61.0	150.4	23,100	62.9	148.1	23,700	100
	110	54.9	144.3	19,400	56.9	143.1	19,900	58.7	140.7	20,300	110
	120	50.6	135.9	16,700	52.6	134.7	17,200				120
	130	46.0	126.1	14,600	47.9	124.8	14,900				130
	140	40.9	114.5	12,700							140
140	45	79.5	186.0	30,000*							45
	50	77.9	184.7	30,000*	80.0	183.8	30,000*				50
	55	76.3	183.3	30,000*	78.3	182.4	30,000*	80.3	180.3	30,000*	55
	60	74.6	181.8	30,000*	76.7	180.8	30,000*	78.7	178.8	30,000*	60
	65	73.0	180.1	30,000*	75.0	179.1	30,000*	77.0	177.1	30,000*	65
	70	71.3	178.3	30,000*	73.4	177.3	30,000*	75.3	175.2	30,000*	70
	80	67.9	174.0	30,000*	70.0	173.0	30,000*	71.8	170.9	30,000*	80
	90	64.5	169.1	25,900	66.4	168.0	26,700	68.3	165.8	27,400	90
	100	60.9	163.4	22,000	62.8	162.3	22,600	64.6	160.0	23,100	100
	110	57.1	156.7	18,700	59.1	155.6	19,300	60.8	153.2	19,800	110
	120	53.2	149.1	16,100	55.1	147.9	16,600	56.8	145.3	17,000	120
	130	49.0	140.3	13,900	50.9	139.0	14,300				130
	140	44.6	130.0	12,100	46.4	128.6	12,400				140
	150	39.7	117.9	10,500							150

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' CRAWLERS EXTENDED
360 DEGREE RATING

MEETS
ANSI B30.5
REQUIREMENTS

4000W

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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	45	80.1	196.2	30,000*							45
	50	78.5	195.0	30,000*	80.5	194.0	30,000*				50
	55	77.0	193.7	30,000*	79.0	192.7	30,000*	80.9	190.7	30,000*	55
	60	75.5	192.3	30,000*	77.4	191.3	30,000*	79.3	189.2	30,000*	60
	65	73.9	190.7	30,000*	75.8	189.7	30,000*	77.7	187.6	30,000*	65
	70	72.3	188.9	30,000*	74.3	187.9	30,000*	76.1	185.8	30,000*	70
	80	69.2	185.0	30,000*	71.1	183.9	30,000*	72.9	181.8	30,000*	80
	90	65.9	180.3	25,400	67.8	179.3	26,200	69.6	177.0	26,900	90
	100	62.5	175.0	21,400	64.4	173.9	22,100	66.1	171.6	22,700	100
	110	59.1	168.8	18,200	60.9	167.7	18,800	62.6	165.3	19,300	110
	120	55.4	161.8	15,600	57.3	160.6	16,100	58.9	158.1	16,500	120
	130	51.6	153.7	13,400	53.4	152.5	13,800				130
	140	47.6	144.5	11,500	49.4	143.1	11,900				140
	150	43.3	133.8	9,900							150
	160	38.5	121.2	8,500							160
160	45	80.6	206.4	30,000*							45
	50	79.1	205.3	30,000*	81.0	204.3	30,000*				50
	55	77.7	204.1	30,000*	79.5	203.1	30,000*				55
	60	76.2	202.7	30,000*	78.1	201.7	30,000*	79.8	199.6	30,000*	60
	65	74.7	201.2	30,000*	76.6	200.2	30,000*	78.4	198.0	30,000*	65
	70	73.3	199.5	30,000*	75.1	198.5	30,000*	76.8	196.4	30,000*	70
	80	70.2	195.8	29,900	72.1	194.7	30,000*	73.8	192.6	30,000*	80
	90	67.2	191.4	24,800	69.0	190.4	25,700	70.7	188.1	26,400	90
	100	64.0	186.4	20,800	65.8	185.3	21,500	67.5	183.0	22,200	100
	110	60.8	180.7	17,600	62.5	179.5	18,200	64.1	177.1	18,800	110
	120	57.4	174.1	15,000	59.2	172.9	15,500	60.7	170.5	16,000	120
	130	53.9	166.7	12,800	55.6	165.5	13,200	57.1	162.9	13,700	130
	140	50.2	158.3	10,900	51.9	156.9	11,300				140
	150	46.3	148.6	9,300	47.9	147.2	9,600				150
	160	42.1	137.5	7,900							160
	170	37.5	124.4	6,700							170
170	45	81.0	216.6	30,000*							45
	50	79.6	215.6	30,000*							50
	55	78.3	214.4	30,000*	80.0	213.4	30,000*				55
	60	76.9	213.1	30,000*	78.6	212.0	30,000*	80.3	209.9	30,000*	60
	65	75.5	211.6	30,000*	77.2	210.6	30,000*	78.9	208.5	30,000*	65
	70	74.1	210.1	30,000*	75.8	209.0	30,000*	77.5	206.9	30,000*	70
	80	71.2	206.5	29,600	73.0	205.5	30,000*	74.6	203.3	30,000*	80
	90	68.3	202.4	24,400	70.0	201.3	25,300	71.7	199.1	26,100	90
	100	65.4	197.7	20,400	67.1	196.6	21,200	68.6	194.3	21,900	100
	110	62.3	192.3	17,200	64.0	191.1	17,900	65.5	188.8	18,500	110
	120	59.2	186.2	14,600	60.8	185.0	15,200	62.3	182.5	15,700	120
	130	55.9	179.3	12,400	57.5	178.0	12,900	59.0	175.5	13,300	130
	140	52.5	171.5	10,500	54.1	170.2	11,000				140
	150	48.9	162.6	8,900	50.5	161.2	9,300				150
	160	45.1	152.6	7,500	46.7	151.1	7,900				160
	170	41.0	141.0	6,300							170
	180	36.5	127.5	5,200							180
180	50	80.1	225.8	30,000*							50
	55	78.8	224.7	30,000*	80.5	223.6	30,000*				55
	60	77.5	223.4	30,000*	79.2	222.4	30,000*	80.8	220.2	30,000*	60
	65	76.1	222.1	30,000*	77.8	221.0	30,000*	79.4	218.8	30,000*	65
	70	74.8	220.6	30,000*	76.5	219.5	30,000*	78.1	217.3	30,000*	70
	80	72.1	217.2	29,000	73.8	216.1	30,000*	75.3	213.9	30,000*	80
	90	69.4	213.3	23,900	71.0	212.2	24,800	72.5	209.9	25,700	90
	100	66.5	208.8	19,900	68.2	207.7	20,700	69.7	205.4	21,400	100
	110	63.7	203.7	16,700	65.3	202.6	17,400	66.8	200.2	18,000	110
	120	60.7	198.0	14,000	62.3	196.8	14,700	63.8	194.4	15,200	120
	130	57.7	191.5	11,800	59.2	190.3	12,400	60.6	187.8	12,900	130
	140	54.5	184.3	10,000	56.0	183.0	10,400	57.4	180.3	10,900	140
	150	51.2	176.1	8,400	52.7	174.7	8,800				150
	160	47.7	166.9	7,000	49.2	165.5	7,300				160
	170	44.0	156.4	5,700							170
	180	40.0	144.5	4,700							180

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
190	50	80.5	236.0	30,000*							50
	55	79.3	234.9	30,000*	80.9	233.9	30,000*				55
	60	78.0	233.7	30,000*	79.6	232.7	30,000*				60
	65	76.8	232.4	30,000*	78.4	231.4	30,000*	79.9	229.2	30,000*	65
	70	75.5	231.0	30,000*	77.1	229.9	30,000*	78.6	227.7	30,000*	70
	80	72.9	227.8	28,500	74.5	226.7	29,700	76.0	224.5	30,000*	80
	90	70.3	224.1	23,400	71.9	223.0	24,400	73.4	220.7	25,300	90
	100	67.6	219.8	19,400	69.2	218.7	20,200	70.6	216.4	21,000	100
	110	64.9	215.0	16,100	66.4	213.9	16,900	67.9	211.5	17,600	110
	120	62.1	209.6	13,500	63.6	208.4	14,200	65.0	206.0	14,800	120
	130	59.2	203.5	11,300	60.7	202.3	11,900	62.1	199.8	12,400	130
	140	56.3	196.7	9,400	57.8	195.4	10,000	59.1	192.8	10,400	140
	150	53.2	189.1	7,800	54.7	187.8	8,300				150
	160	50.0	180.6	6,400	51.4	179.2	6,800				160
	170	46.6	171.0	5,200	48.0	169.5	5,600				170
	180	42.9	160.2	4,100							180
200	50	80.9	246.2	30,000*							50
	55	79.7	245.2	30,000*							55
	60	78.5	244.0	30,000*	80.1	242.9	30,000*				60
	65	77.3	242.8	30,000*	78.9	241.7	30,000*	80.4	239.5	30,000*	65
	70	76.1	241.4	30,000*	77.6	240.3	30,000*	79.1	238.1	30,000*	70
	80	73.6	238.4	27,900	75.2	237.3	29,200	76.6	235.0	30,000*	80
	90	71.1	234.8	22,800	72.7	233.7	23,800	74.1	231.4	24,800	90
	100	68.6	230.8	18,800	70.1	229.6	19,700	71.5	227.3	20,500	100
	110	66.0	226.2	15,600	67.5	225.0	16,300	68.9	222.7	17,100	110
	120	63.4	221.0	12,900	64.8	219.9	13,600	66.2	217.4	14,300	120
	130	60.6	215.3	10,700	62.1	214.1	11,300	63.4	211.6	11,900	130
	140	57.9	208.9	8,800	59.3	207.6	9,400	60.6	205.1	9,900	140
	150	55.0	201.8	7,200	56.4	200.4	7,700	57.6	197.8	8,200	150
	160	52.0	193.8	5,800	53.4	192.5	6,300				160
	170	48.8	185.0	4,600	50.2	183.5	5,000				170

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	40	80.6	166.8	20,000*							40
	45	78.8	165.6	20,000*							45
	50	77.0	164.3	20,000*	79.8	163.3	20,000*				50
	55	75.1	162.8	20,000*	78.0	161.8	20,000*	80.9	159.6	20,000*	55
	60	73.3	161.0	20,000*	76.1	160.0	20,000*	79.0	157.8	20,000*	60
	65	71.4	159.2	20,000*	74.3	158.1	20,000*	77.1	155.9	20,000*	65
	70	69.5	157.1	20,000*	72.3	156.0	20,000*	75.1	153.8	20,000*	70
	80	65.6	152.3	20,000*	68.4	151.2	20,000*	71.1	148.9	20,000*	80
	90	61.6	146.6	20,000*	64.4	145.5	20,000*	67.0	143.1	20,000*	90
	100	57.4	140.0	20,000*	60.1	138.9	20,000*	62.7	136.3	20,000*	100
	110	53.0	132.2	20,000*	55.7	131.0	20,000*	58.1	128.3	20,000*	110
	120	48.2	123.1	18,000	50.9	121.7	18,400				120
	130	43.0	112.2	15,800							130
	140	37.2	98.9	14,000							140
120	45	79.4	175.9	20,000*							45
	50	77.7	174.7	20,000*	80.5	173.6	20,000*				50
	55	76.0	173.2	20,000*	78.7	172.2	20,000*				55
	60	74.3	171.6	20,000*	77.0	170.6	20,000*	79.6	168.3	20,000*	60
	65	72.5	169.8	20,000*	75.2	168.8	20,000*	77.9	166.5	20,000*	65
	70	70.8	167.9	20,000*	73.4	166.8	20,000*	76.1	164.5	20,000*	70
	80	67.1	163.5	20,000*	69.8	162.4	20,000*	72.4	160.0	20,000*	80
	90	63.4	158.2	20,000*	66.0	157.1	20,000*	69.5	154.6	20,000*	90
	100	59.6	152.1	20,000*	62.1	151.0	20,000*	64.6	148.4	20,000*	100
	110	55.5	145.0	20,000*	58.1	143.8	20,000*	60.4	141.1	20,000*	110
	120	51.2	136.8	17,400	53.7	135.5	17,900	56.0	132.6	18,300	120
	130	46.6	127.1	15,200	49.1	125.7	15,600				130
	140	41.6	115.7	13,300							140
	150	36.0	101.9	11,700							150
130	45	80.0	186.2	20,000*							45
	50	78.4	185.0	20,000*	81.0	183.9	20,000*				50
	55	76.8	183.6	20,000*	79.4	182.6	20,000*				55
	60	75.2	182.1	20,000*	77.7	181.1	20,000*	80.2	178.8	20,000*	60
	65	73.5	180.5	20,000*	76.1	179.4	20,000*	78.6	177.1	20,000*	65
	70	71.9	178.6	20,000*	74.4	177.6	20,000*	76.9	175.2	20,000*	70
	80	68.5	174.5	20,000*	71.0	173.4	20,000*	73.4	171.0	20,000*	80
	90	65.0	169.6	20,000*	67.5	168.5	20,000*	69.9	166.0	20,000*	90
	100	61.4	163.9	20,000*	63.9	162.8	20,000*	66.2	160.2	20,000*	100
	110	57.7	157.4	19,700	60.1	156.2	20,000*	62.4	153.5	20,000*	110
	120	53.8	149.9	17,000	56.2	148.6	17,600	58.4	145.7	18,000	120
	130	49.6	141.2	14,800	52.0	139.8	15,300				130
	140	45.2	131.1	13,000	47.5	129.6	13,300				140
	150	40.4	119.2	11,400							150
140	45	80.5	196.4	20,000*							45
	50	79.0	195.3	20,000*							50
	55	77.5	194.0	20,000*	79.9	192.9	20,000*				55
	60	76.0	192.6	20,000*	78.4	191.5	20,000*	80.8	189.1	20,000*	60
	65	74.4	191.0	20,000*	76.8	189.9	20,000*	79.2	187.5	20,000*	65
	70	72.8	189.3	20,000*	75.3	188.2	20,000*	77.6	185.8	20,000*	70
	80	69.7	185.4	20,000*	72.1	184.2	20,000*	74.4	181.8	20,000*	80
	90	66.4	180.8	20,000*	68.8	179.7	20,000*	71.0	177.1	20,000*	90
	100	63.1	175.5	20,000*	65.4	174.3	20,000*	67.6	171.7	20,000*	100
	110	59.6	169.5	19,100	61.9	168.2	19,700	64.1	165.5	20,000*	110
	120	56.0	162.5	16,400	58.3	161.2	17,000	60.4	158.4	17,500	120
	130	52.2	154.6	14,200	54.5	153.2	14,700	56.5	150.2	15,200	130
	140	48.2	145.4	12,300	50.4	144.0	12,800				140
	150	43.9	134.9	10,700	46.1	133.3	11,100				150
	160	39.2	122.5	9,300							160

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	45	81.0	205.6	20,000*							45
	50	79.6	205.5	20,000*							50
	55	78.1	204.3	20,000*	80.4	203.2	20,000*				55
	60	76.7	203.0	20,000*	79.0	201.9	20,000*				60
	65	75.2	201.5	20,000*	77.5	200.4	20,000*	79.8	198.0	20,000*	65
	70	73.7	199.9	20,000*	76.0	198.7	20,000*	78.3	196.3	20,000*	70
	80	70.7	196.2	20,000*	73.0	195.0	20,000*	75.2	192.6	20,000*	80
	90	67.7	191.9	20,000*	69.9	190.7	20,000*	72.1	188.2	20,000*	90
	100	64.5	186.9	20,000*	66.7	185.7	20,000*	68.9	183.1	20,000*	100
	110	61.3	181.2	18,500	63.5	180.0	19,200	65.6	177.3	19,900	110
	120	57.9	174.8	15,900	60.1	173.5	16,500	62.1	170.7	17,100	120
	130	54.4	167.4	13,700	56.6	166.1	14,200	58.5	163.1	14,700	130
	140	50.8	159.1	11,800	52.9	157.7	12,300				140
	150	46.9	149.6	10,200	49.0	148.0	10,600				150
	160	42.7	138.6	8,800							160
	170	38.1	125.7	7,600							170
160	50	80.1	215.8	20,000*							50
	55	78.7	214.6	20,000*	80.9	213.5	20,000*				55
	60	77.3	213.3	20,000*	79.5	212.2	20,000*				60
	65	75.9	211.9	20,000*	78.1	210.8	20,000*	80.3	208.3	20,000*	65
	70	74.5	210.4	20,000*	76.7	209.2	20,000*	78.8	206.8	20,000*	70
	80	71.7	206.9	20,000*	73.8	205.7	20,000*	75.9	203.2	20,000*	80
	90	68.8	202.8	20,000*	70.9	201.6	20,000*	73.0	199.1	20,000*	90
	100	65.8	198.2	20,000*	67.9	196.9	20,000*	70.0	194.3	20,000*	100
	110	62.8	192.8	17,900	64.9	191.6	18,700	66.9	188.9	19,400	110
	120	59.6	186.8	15,300	61.7	185.5	16,000	63.7	182.7	16,600	120
	130	56.4	180.0	13,100	58.5	178.6	13,700	60.3	175.7	14,200	130
	140	53.0	172.2	11,200	55.0	170.8	11,700	56.9	167.8	12,200	140
	150	49.4	163.5	9,600	51.4	162.0	10,000				150
	160	45.7	153.6	8,200	47.6	152.0	8,600				160
	170	41.6	142.2	7,000							170
	180	37.1	128.9	5,900							180
170	50	80.5	226.0	20,000*							50
	55	79.2	224.9	20,000*							55
	60	77.9	223.7	20,000*	80.0	222.5	20,000*				60
	65	76.6	222.3	20,000*	78.7	221.2	20,000*	80.7	218.7	20,000*	65
	70	75.2	220.9	20,000*	77.3	219.7	20,000*	79.4	217.2	20,000*	70
	80	72.5	217.5	20,000*	74.6	216.4	20,000*	76.6	213.8	20,000*	80
	90	69.8	213.7	20,000*	71.8	212.5	20,000*	73.8	209.9	20,000*	90
	100	67.0	209.3	20,000*	69.0	208.0	20,000*	71.0	205.4	20,000*	100
	110	64.1	204.2	17,500	66.1	203.0	18,400	68.0	200.3	19,100	110
	120	61.2	198.6	14,900	63.2	197.2	15,600	65.0	194.5	16,300	120
	130	58.1	192.2	12,700	60.1	190.8	13,300	61.9	187.9	13,900	130
	140	55.0	185.0	10,800	56.9	183.6	11,400	58.7	180.6	11,900	140
	150	51.7	176.9	9,200	53.6	175.4	9,700				150
	160	48.2	167.8	7,800	50.1	166.2	8,200				160
	170	44.5	157.5	6,600	46.4	155.8	7,000				170
	180	40.6	145.7	5,500							180
	190	36.2	132.0	4,500							190

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	50	80.9	236.2	20,000*							50
	55	79.7	235.1	20,000*							55
	60	78.4	234.0	20,000*	80.4	232.8	20,000*				60
	65	77.2	232.7	20,000*	79.2	231.5	20,000*				65
	70	75.9	231.3	20,000*	77.9	230.1	20,000*	79.9	227.6	20,000*	70
	80	73.3	228.1	20,000*	75.3	226.9	20,000*	77.2	224.4	20,000*	80
	90	70.7	224.5	20,000*	72.7	223.2	20,000*	74.6	220.6	20,000*	90
	100	68.0	220.3	20,000*	70.0	219.0	20,000*	71.9	216.4	20,000*	100
	110	65.3	215.5	17,000	67.3	214.2	17,900	69.1	211.5	18,700	110
	120	62.5	210.1	14,400	64.5	208.8	15,100	66.3	206.0	15,800	120
	130	59.7	204.1	12,100	61.6	202.8	12,800	63.3	199.9	13,400	130
	140	56.7	197.4	10,300	58.6	196.0	10,900	60.3	193.0	11,400	140
	150	53.6	189.8	8,700	55.5	188.4	9,200	57.2	185.3	9,700	150
	160	50.4	181.4	7,300	52.3	179.9	7,700				160
	170	47.1	172.0	6,000	48.9	170.3	6,500				170
	180	43.5	161.3	4,900							180
	190	39.6	149.1	4,000							190
190	55	80.1	245.4	20,000*							55
	60	78.9	244.2	20,000*	80.8	243.1	20,000*				60
	65	77.7	243.0	20,000*	79.6	241.8	20,000*				65
	70	76.5	241.7	20,000*	78.4	240.5	20,000*	80.3	237.9	20,000*	70
	80	74.0	238.7	20,000*	75.9	237.4	20,000*	77.8	234.9	20,000*	80
	90	71.5	235.2	20,000*	73.4	233.9	20,000*	75.3	231.3	20,000*	90
	100	69.0	231.2	19,700	70.9	229.9	20,000*	72.7	227.2	20,000*	100
	110	66.4	226.6	16,500	68.3	225.4	17,400	70.0	222.6	18,300	110
	120	63.8	221.6	13,800	65.6	220.2	14,600	67.4	217.4	15,400	120
	130	61.1	215.9	11,600	62.9	214.5	12,300	64.6	211.6	13,000	130
	140	58.3	209.5	9,700	60.1	208.1	10,400	61.7	205.2	11,000	140
	150	55.4	202.5	8,100	57.2	201.0	8,700	58.8	197.9	9,200	150
	160	52.4	194.6	6,700	54.2	193.1	7,200				160
	170	49.3	185.8	5,500	51.0	184.3	6,000				170
	180	46.0	176.0	4,400	47.7	174.4	4,800				180

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	45	79.4	176.0	10,000*	81.0	173.7	10,000*				45
	50	77.7	174.7	10,000*	79.3	172.3	10,000*				50
	55	76.0	173.3	10,000*	77.5	170.7	10,000*	80.8	168.4	10,000*	55
	60	74.2	171.7	10,000*	75.8	168.9	10,000*	79.0	166.5	10,000*	60
	65	72.5	169.9	10,000*	74.0	166.9	10,000*	77.2	164.6	10,000*	65
	70	70.7	168.0	10,000*	70.3	162.5	10,000*	73.5	160.0	10,000*	70
	80	67.1	163.5	10,000*	66.6	157.2	10,000*	69.7	154.7	10,000*	80
	90	63.4	158.3	10,000*	62.7	151.1	10,000*	65.7	148.4	10,000*	90
	100	59.5	152.2	10,000*	58.6	143.9	10,000*	61.6	141.1	10,000*	100
	110	55.5	145.1	10,000*	54.3	135.6	10,000*	57.2	132.6	10,000*	110
	120	51.2	136.8	10,000*	49.7	125.9	10,000*				120
	130	46.6	127.2	10,000*	44.6	114.3	10,000*				130
	140	41.6	115.8	10,000*							140
	150	36.0	102.0	10,000*							150
120	45	80.0	186.2	10,000*	79.9	182.7	10,000*				45
	50	78.4	185.0	10,000*	78.2	181.2	10,000*				50
	55	76.8	183.7	10,000*	76.6	179.5	10,000*	79.6	177.1	10,000*	55
	60	75.1	182.2	10,000*	74.9	177.6	10,000*	78.0	175.2	10,000*	60
	65	73.5	180.5	10,000*	71.5	173.5	10,000*	74.5	170.9	10,000*	65
	70	71.8	178.7	10,000*	68.0	168.6	10,000*	71.0	166.0	10,000*	70
	80	68.5	174.5	10,000*	64.4	162.9	10,000*	67.3	160.2	10,000*	80
	90	65.0	169.7	10,000*	60.6	156.3	10,000*	63.5	153.5	10,000*	90
	100	61.4	164.0	10,000*	56.7	148.7	10,000*	59.4	145.7	10,000*	100
	110	57.7	157.5	10,000*	52.5	139.9	10,000*	55.2	136.7	10,000*	110
	120	53.8	149.9	10,000*	48.0	129.7	10,000*				120
	130	49.6	141.2	10,000*							130
	140	45.2	131.1	10,000*							140
	150	40.3	119.2	10,000*							150
	160	34.9	104.9	10,000*							160
130	45	80.5	196.5	10,000*	80.4	193.0	10,000*				45
	50	79.0	195.3	10,000*	78.9	191.6	10,000*				50
	55	77.5	194.0	10,000*	77.3	190.0	10,000*	80.2	187.5	10,000*	55
	60	75.9	192.6	10,000*	75.7	188.3	10,000*	78.6	185.7	10,000*	60
	65	74.4	191.1	10,000*	72.5	184.3	10,000*	75.4	181.8	10,000*	65
	70	72.8	189.3	10,000*	69.3	179.7	10,000*	72.1	177.1	10,000*	70
	80	69.6	185.4	10,000*	65.9	174.4	10,000*	68.6	171.7	10,000*	80
	90	66.4	180.9	10,000*	62.4	168.3	10,000*	65.1	165.5	10,000*	90
	100	63.0	175.6	10,000*	58.8	161.3	10,000*	61.4	158.3	10,000*	100
	110	59.6	169.5	10,000*	55.0	153.3	10,000*	57.5	150.2	10,000*	110
	120	56.0	162.6	10,000*	50.9	144.1	10,000*				120
	130	52.2	154.6	10,000*	46.6	133.4	10,000*				130
	140	48.2	145.5	10,000*							140
	150	43.9	135.0	10,000*							150
	160	39.2	122.6	10,000*							160
140	45	81.0	206.7	10,000*	80.9	203.3	10,000*				45
	50	79.6	205.6	10,000*	79.4	201.9	10,000*				50
	55	78.1	204.4	10,000*	78.0	200.4	10,000*	80.7	197.9	10,000*	55
	60	76.6	203.0	10,000*	76.5	198.8	10,000*	79.2	196.2	10,000*	60
	65	75.2	201.5	10,000*	73.5	195.1	10,000*	76.2	192.5	10,000*	65
	70	73.7	199.9	10,000*	70.4	190.8	10,000*	73.0	188.1	10,000*	70
	80	70.7	196.2	10,000*	67.2	185.8	10,000*	69.8	183.0	10,000*	80
	90	67.6	191.9	10,000*	64.0	180.1	10,000*	66.5	177.2	10,000*	90
	100	64.5	187.0	10,000*	60.6	173.6	10,000*	63.1	170.6	10,000*	100
	110	61.3	181.3	10,000*	57.1	166.2	10,000*	59.5	163.1	10,000*	110
	120	57.9	174.8	10,000*	53.4	157.7	10,000*	55.7	154.5	10,000*	120
	130	54.4	167.5	10,000*	49.4	148.1	10,000*				130
	140	50.8	159.2	10,000*	45.2	137.0	9,900				140
	150	46.9	149.6	9,500							150
	160	42.7	138.7	8,300							160
	170	38.1	125.8								170

MANITOWOC ENGINEERING CO.

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

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	50	80.0	215.8	10,000*							50
	55	78.7	214.7	10,000*							55
	60	77.3	213.4	10,000*	80.0	212.3	10,000*				60
	65	75.9	212.0	10,000*	78.5	210.9	10,000*				65
	70	74.5	210.4	10,000*	77.1	209.3	10,000*	79.8	206.7	10,000*	70
	80	71.6	207.0	10,000*	74.3	205.8	10,000*	76.9	203.1	10,000*	80
	90	68.8	202.9	10,000*	71.4	201.7	10,000*	73.9	199.0	10,000*	90
	100	65.8	198.2	10,000*	68.4	197.0	10,000*	70.9	194.2	10,000*	100
	110	62.8	192.9	10,000*	65.3	191.6	10,000*	67.8	188.8	10,000*	110
	120	59.6	186.8	10,000*	62.2	185.6	10,000*	64.6	182.6	10,000*	120
	130	56.4	180.0	10,000*	58.9	178.7	10,000*	61.2	175.6	10,000*	130
	140	53.0	172.3	10,000*	55.5	170.9	10,000*	57.8	167.7	10,000*	140
	150	49.4	163.6	10,000*	51.9	162.1	10,000*				150
	160	45.6	153.6	9,000	48.1	152.1	9,400				160
	170	41.6	142.3	7,800							170
	180	37.1	129.0	6,700							180
160	50	80.5	226.0	10,000*							50
	55	79.2	224.9	10,000*							55
	60	77.9	223.7	10,000*	80.4	222.6	10,000*				60
	65	76.5	222.4	10,000*	79.1	221.2	10,000*				65
	70	75.2	220.9	10,000*	77.7	219.8	10,000*	80.2	217.1	10,000*	70
	80	72.5	217.6	10,000*	75.0	216.4	10,000*	77.5	213.7	10,000*	80
	90	69.8	213.7	10,000*	72.3	212.5	10,000*	74.7	209.8	10,000*	90
	100	67.0	209.3	10,000*	69.4	208.1	10,000*	71.8	205.3	10,000*	100
	110	64.1	204.3	10,000*	66.6	203.0	10,000*	68.9	200.1	10,000*	110
	120	61.1	198.6	10,000*	63.6	197.3	10,000*	65.9	194.3	10,000*	120
	130	58.1	192.2	10,000*	60.5	190.9	10,000*	62.8	187.8	10,000*	130
	140	54.9	185.0	10,000*	57.3	183.6	10,000*	59.5	180.4	10,000*	140
	150	51.7	177.0	9,800	54.0	175.5	10,000*	56.2	172.1	10,000*	150
	160	48.2	167.9	8,400	50.5	166.3	8,900				160
	170	44.5	157.6	7,100	46.8	155.9	7,600				170
	180	40.5	145.8	6,100							180
	190	36.2	132.1	5,100							190
170	50	80.9	236.2	10,000*							50
	55	79.7	235.2	10,000*							55
	60	78.4	234.0	10,000*	80.8	232.9	10,000*				60
	65	77.1	232.7	10,000*	79.6	231.6	10,000*				65
	70	75.9	231.3	10,000*	78.3	230.2	10,000*	80.7	227.5	10,000*	70
	80	73.3	226.2	10,000*	75.7	227.0	10,000*	78.1	224.2	10,000*	80
	90	70.7	224.5	10,000*	73.1	223.3	10,000*	75.4	220.5	10,000*	90
	100	68.0	220.3	10,000*	70.4	219.1	10,000*	72.7	216.2	10,000*	100
	110	65.3	215.6	10,000*	67.7	214.3	10,000*	69.9	211.4	10,000*	110
	120	62.5	210.2	10,000*	64.9	208.9	10,000*	67.1	205.9	10,000*	120
	130	59.7	204.2	10,000*	62.0	202.8	10,000*	64.2	199.7	10,000*	130
	140	56.7	197.4	10,000*	59.0	196.0	10,000*	61.1	192.8	10,000*	140
	150	53.6	189.9	9,400	55.9	188.5	10,000*	58.0	185.1	10,000*	150
	160	50.4	181.5	8,000	52.7	180.0	8,500				160
	170	47.0	172.0	6,800	49.3	170.4	7,200				170
	180	43.5	161.4	5,700	45.6	159.6	6,100				180
	190	39.6	149.2	4,700							190

MANITOWOC ENGINEERING CO.

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

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4000W

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22 WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
104,400 LB. COUNTERWEIGHT
24' 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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	55	80.1	245.4	10,000*							55
	60	78.9	244.3	10,000*							60
	65	77.7	243.1	10,000*	80.0	241.9	10,000*				65
	70	76.5	241.7	10,000*	78.8	240.5	10,000*				70
	80	74.0	238.7	10,000*	76.3	237.5	10,000*	78.6	234.7	10,000*	80
	90	71.5	235.2	10,000*	73.8	234.0	10,000*	76.1	231.2	10,000*	90
	100	69.0	231.2	10,000*	71.3	230.0	10,000*	73.5	227.1	10,000*	100
	110	66.4	226.7	10,000*	68.7	225.4	10,000*	70.8	222.5	10,000*	110
	120	63.8	221.6	10,000*	66.0	220.3	10,000*	68.1	217.3	10,000*	120
	130	61.0	215.9	10,000*	63.3	214.6	10,000*	65.4	211.5	10,000*	130
	140	58.3	209.6	10,000*	60.5	208.2	10,000*	62.5	205.0	10,000*	140
	150	55.4	202.5	8,800	57.6	201.1	9,500	59.6	197.8	10,000*	150
	160	52.4	194.7	7,400	54.6	193.1	8,000	56.5	189.7	8,500	160
	170	49.3	185.9	6,200	51.4	184.3	6,700				170
	180	46.0	176.1	5,100	48.1	174.4	5,600				180
	190	42.5	165.1	4,200							190
190	55	80.5	255.6	10,000*							55
	60	79.3	254.6	10,000*							60
	65	78.2	253.4	10,000*	80.4	252.2	10,000*				65
	70	77.0	252.1	10,000*	79.2	250.9	10,000*				70
	80	74.7	249.2	10,000*	76.9	248.0	10,000*	79.1	245.2	10,000*	80
	90	72.3	245.9	10,000*	74.5	244.6	10,000*	76.6	241.8	10,000*	90
	100	69.9	242.0	10,000*	72.1	240.8	10,000*	74.2	237.9	10,000*	100
	110	67.4	237.7	10,000*	69.6	236.4	10,000*	71.7	233.5	10,000*	110
	120	64.9	232.9	10,000*	67.1	231.6	10,000*	69.1	228.5	10,000*	120
	130	62.3	227.5	10,000*	64.5	226.1	10,000*	66.5	223.0	10,000*	130
	140	59.7	221.5	9,900	61.8	220.1	10,000*	63.8	216.9	10,000*	140
	150	57.0	214.8	8,300	59.1	213.4	9,000	61.0	210.1	9,600	150
	160	54.2	207.5	6,900	56.3	206.0	7,500	58.2	202.6	8,100	160
	170	51.2	199.3	5,700	53.3	197.7	6,200	55.2	194.2	6,700	170
	180	48.2	190.2	4,600	50.2	188.6	5,100				180
	190				47.0	178.3	4,100				190