

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6263-A OR NO. 6950-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. 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 SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 48721, NO. 48722 OR NO. 190693, JIB ASSEMBLY NO. 43730 AND LOAD LINE SPECIFICATION CHART NO. 5345. 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 26' 6" EXTENDIBLE CRAWLERS, 48" TREADS, 17' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 1ST CWT. = 41,900 LBS., 2ND CWT. = 41,500 LBS., 3RD CWT. = 39,000 LBS.

MAXIMUM CAPACITY ON 1-1/8" - 6 X 31 IPS, IWRC IS 28,300 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BM. LGTH.	JIB NO. 123	BM. LGTH.	JIB NO. 123
260'	---	230'	---
250'	---	220'	30'
240'	40'	210'	60'
230'	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	30	79.9	148.1	40,000*							30
	35	77.9	147.1	40,000*	79.9	146.6	40,000*				35
	40	75.8	145.9	40,000*	77.8	145.4	40,000*	79.8	144.1	40,000*	40
	45	73.8	144.5	40,000*	75.8	144.0	40,000*	77.7	142.7	40,000*	45
	50	71.7	142.9	40,000*	73.7	142.4	40,000*	75.6	141.1	40,000*	50
	55	69.5	141.1	40,000*	71.5	140.6	40,000*	73.4	139.3	40,000*	55
	60	67.4	139.1	40,000*	69.4	138.6	40,000*	71.2	137.3	40,000*	60
	65	65.2	136.9	40,000*	67.2	136.3	40,000*	69.0	135.0	40,000*	65
	70	63.0	134.4	40,000*	64.9	133.9	40,000*	66.8	132.5	40,000*	70
	75	60.7	131.7	40,000*	62.6	131.1	40,000*	64.5	129.7	40,000*	75
	80	58.4	128.7	40,000*	60.3	128.1	40,000*	62.1	126.7	39,200*	80
	90	53.5	121.9	35,900	55.4	121.3	36,400	57.2	119.7	36,500*	90
	100	48.4	113.6	31,000	50.2	113.0	31,300	51.9	111.3	31,700	100
	110	42.7	103.7	27,000	44.6	103.0	27,300				110
	120	36.4	91.4	23,700							120

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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	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
120	30	80.6	158.3	40,000*	80.6	156.8	40,000*				30
	35	78.7	157.3	40,000*							35
	40	76.8	156.2	40,000*	78.7	155.7	40,000*	80.5	154.4	40,000*	40
	45	74.8	154.9	40,000*	76.7	154.4	40,000*	78.5	153.1	40,000*	45
	50	72.9	153.4	40,000*	74.8	152.9	40,000*	76.6	151.6	40,000*	50
	55	70.9	151.8	40,000*	72.8	151.3	40,000*	74.6	149.9	40,000*	55
	60	68.9	149.9	40,000*	70.8	149.4	40,000*	72.6	148.0	40,000*	60
	65	66.9	147.8	40,000*	68.8	147.3	40,000*	70.5	146.0	40,000*	65
	70	64.9	145.6	40,000*	66.7	145.0	40,000*	68.4	143.7	40,000*	70
	75	62.8	143.1	40,000*	64.6	142.5	40,000*	66.3	141.1	40,000*	75
	80	60.7	140.3	40,000*	62.5	139.8	40,000*	64.2	138.4	40,000*	80
	90	56.3	134.1	35,300	58.1	133.5	35,800	59.7	132.0	36,300	90
	100	51.6	126.8	30,300	53.4	126.1	30,700	55.0	124.5	31,100	100
130	110	46.7	118.0	26,300	48.4	117.3	26,700				110
	120	41.2	107.5	23,100	43.0	106.8	23,300				120
	130	35.2	94.6	20,300							130
140	30	81.2	168.4	40,000*	81.2	167.0	40,000*				30
	35	79.4	167.5	40,000*							35
	40	77.6	166.5	40,000*	79.4	166.0	40,000*	81.1	164.7	40,000*	40
	45	75.8	165.3	40,000*	77.6	164.8	40,000*	79.3	163.5	40,000*	45
	50	74.0	163.9	40,000*	75.7	163.4	40,000*	77.4	162.1	40,000*	50
	55	72.1	162.3	40,000*	73.9	161.8	40,000*	75.6	160.5	40,000*	55
	60	70.3	160.6	40,000*	72.0	160.1	40,000*	73.7	158.7	40,000*	60
	65	68.4	158.7	40,000*	70.1	158.1	40,000*	71.8	156.8	40,000*	65
	70	66.5	156.6	40,000*	68.2	156.0	40,000*	69.9	154.7	40,000*	70
	75	64.6	154.3	40,000*	66.3	153.7	40,000*	67.9	152.3	40,000*	75
	80	62.6	151.7	40,000*	64.3	151.2	40,000*	65.9	149.8	40,000*	80
	90	58.6	146.0	35,000	60.3	145.5	35,600	61.8	144.0	36,000	90
	100	54.4	139.3	30,000	56.0	138.7	30,500	57.5	137.2	30,900	100
150	110	49.9	131.5	26,100	51.6	130.8	26,400	53.0	129.2	26,800	110
	120	45.1	122.2	22,800	46.7	121.5	23,100				120
	130	39.9	111.2	20,000	41.5	110.4	20,300				130
	140	34.0	97.7	17,700							140
160	35	80.0	177.7	40,000*	80.0	176.2	40,000*				35
	40	78.3	176.7	40,000*							40
	45	76.6	175.6	40,000*	78.3	175.1	40,000*	79.9	173.7	40,000*	45
	50	74.9	174.3	40,000*	76.6	173.8	40,000*	78.2	172.4	40,000*	50
	55	73.2	172.8	40,000*	74.9	172.3	40,000*	76.4	171.0	40,000*	55
	60	71.5	171.2	40,000*	73.1	170.7	40,000*	74.7	169.3	40,000*	60
	65	69.7	169.4	40,000*	71.3	168.9	40,000*	72.9	167.5	40,000*	65
	70	67.9	167.4	40,000*	69.6	166.9	40,000*	71.1	165.5	40,000*	70
	75	66.1	165.3	40,000*	67.8	164.7	40,000*	69.3	163.3	40,000*	75
	80	64.3	163.0	40,000*	65.9	162.4	40,000*	67.4	161.0	40,000*	80
	90	60.6	157.7	34,300	62.2	157.1	34,900	63.7	155.6	35,500	90
	100	56.7	151.5	29,400	58.3	150.9	29,900	59.7	149.4	30,300	100
	110	52.6	144.3	25,400	54.2	143.7	25,800	55.6	142.1	26,100	110
	120	48.3	136.0	22,100	49.9	135.3	22,400	51.2	133.6	22,700	120
170	130	43.7	126.2	19,300	45.2	125.5	19,600				130
	140	38.7	114.7	17,000							140
	150	33.0	100.7	15,000							150

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		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	35	80.6	187.8	40,000*							35
	40	79.0	186.9	40,000*	80.5	186.4	40,000*				40
	45	77.4	185.8	40,000*	78.9	185.3	40,000*	80.5	184.0	40,000*	45
	50	75.8	184.6	40,000*	77.3	184.1	40,000*	78.8	182.8	40,000*	50
	55	74.1	183.3	40,000*	75.7	182.7	40,000*	77.2	181.4	40,000*	55
	60	72.5	181.7	40,000*	74.1	181.2	40,000*	75.6	179.8	40,000*	60
	65	70.9	180.0	40,000*	72.4	179.5	40,000*	73.9	178.1	40,000*	65
	70	69.2	178.2	40,000*	70.7	177.7	40,000*	72.2	176.3	40,000*	70
	75	67.5	176.2	40,000*	69.1	175.6	40,000*	70.5	174.2	40,000*	75
	80	65.8	174.0	40,000*	67.3	173.5	40,000*	68.8	172.0	40,000*	80
	90	62.3	169.1	33,900	63.9	168.5	34,500	65.3	167.0	35,000	90
	100	58.7	163.4	28,900	60.2	162.8	29,400	61.6	161.3	29,900	100
	110	55.0	156.8	24,900	56.5	156.2	25,300	57.8	154.6	25,700	110
	120	51.1	149.2	21,600	52.5	148.5	22,000	53.8	146.8	22,300	120
	130	46.9	140.4	18,800	48.4	139.7	19,200				130
	140	42.4	130.2	16,500	43.9	129.4	16,800				140
160	35	81.0	198.0	40,000*							35
	40	79.5	197.1	40,000*	81.0	196.6	40,000*				40
	45	78.0	196.1	40,000*	79.5	195.6	40,000*	81.0	194.2	40,000*	45
	50	76.5	194.9	40,000*	78.0	194.4	40,000*	79.4	193.1	40,000*	50
	55	75.0	193.6	40,000*	76.5	193.1	40,000*	77.9	191.8	40,000*	55
	60	73.4	192.2	40,000*	74.9	191.7	40,000*	76.3	190.3	40,000*	60
	65	71.9	190.6	40,000*	73.4	190.1	40,000*	74.8	188.7	40,000*	65
	70	70.3	188.9	40,000*	71.8	188.3	40,000*	73.2	187.0	40,000*	70
	75	68.7	187.0	40,000*	70.2	186.4	40,000*	71.6	185.0	40,000*	75
	80	67.1	184.9	39,600	68.6	184.4	40,000*	70.0	183.0	40,000*	80
	90	63.9	180.3	33,200	65.3	179.8	33,900	66.7	178.3	34,500	90
	100	60.5	175.0	28,300	62.0	174.4	28,800	63.3	172.9	29,300	100
	110	57.0	168.9	24,200	58.5	168.3	24,700	59.8	166.7	25,200	110
	120	53.4	161.9	21,000	54.8	161.2	21,400	56.1	159.6	21,800	120
	130	49.6	153.8	18,200	51.0	153.2	18,600	52.2	151.4	18,900	130
	140	45.6	144.6	15,900	47.0	143.9	16,200				140
170	35	80.1	207.3	40,000*							35
	40	78.6	206.3	40,000*	80.0	205.8	40,000*				40
	45	77.2	205.2	40,000*	78.6	204.7	40,000*	80.0	203.3	40,000*	45
	50	75.7	204.0	40,000*	77.2	203.5	40,000*	78.5	202.1	40,000*	50
	55	74.3	202.6	40,000*	75.7	202.1	40,000*	77.0	200.7	40,000*	55
	60	72.8	201.1	40,000*	74.2	200.6	40,000*	75.6	199.2	40,000*	60
	65	71.3	199.5	40,000*	72.7	198.9	40,000*	74.1	197.6	40,000*	65
	70	69.8	197.7	40,000*	71.2	197.1	40,000*	72.6	195.7	40,000*	70
	75	68.3	195.8	39,300	69.7	195.2	40,000*	71.0	193.8	40,000*	75
	80	66.2	191.4	32,900	66.6	190.9	33,600	67.9	189.4	34,300	80
	90	62.1	186.4	27,900	63.5	185.8	28,500	64.7	184.3	29,100	90
	100	58.9	180.7	23,900	60.2	180.1	24,400	61.5	178.5	24,900	100
	110	55.5	174.2	20,600	56.8	173.6	21,100	58.1	172.0	21,500	110
	120	52.0	166.8	17,900	53.3	166.1	18,300	54.5	164.4	18,600	120
	130	48.3	158.4	15,600	49.6	157.7	15,900	50.8	155.9	16,200	130
	140	44.4	148.7	13,600	45.7	148.0	13,900				140
	150	40.2	137.6	11,800	41.5	136.8	12,100				150
	160	35.6	124.7	10,300							160
	170	30.4	109.1	9,000							170
	180										180

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		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	40	80.5	217.4	40,000*	80.5	216.0	40,000*				40
	45	79.2	216.5	40,000*							45
	50	77.8	215.5	40,000*	79.1	214.9	40,000*	80.5	213.6	40,000*	50
	55	76.4	214.3	40,000*	77.8	213.8	40,000*	79.1	212.4	40,000*	55
	60	75.0	213.0	40,000*	76.4	212.5	40,000*	77.7	211.1	40,000*	60
	65	73.6	211.6	40,000*	75.0	211.0	40,000*	76.3	209.7	40,000*	65
	70	72.2	210.0	40,000*	73.6	209.5	40,000*	74.8	208.1	40,000*	70
	75	70.8	208.3	40,000*	72.1	207.8	40,000*	73.4	206.4	40,000*	75
	80	69.4	206.5	38,700	70.7	205.9	39,600	72.0	204.5	40,000*	80
	90	66.5	202.4	32,300	67.8	201.8	33,100	69.0	200.4	33,800	90
	100	63.5	197.7	27,300	64.8	197.1	28,000	66.0	195.6	28,600	100
	110	60.5	192.3	23,300	61.8	191.7	23,900	63.0	190.2	24,400	110
	120	57.3	186.2	20,000	58.6	185.6	20,500	59.8	184.0	21,000	120
	130	54.1	179.3	17,300	55.3	178.7	17,700	56.5	177.0	18,100	130
	140	50.7	171.6	15,000	51.9	170.9	15,300	53.0	169.2	15,700	140
	150	47.1	162.8	13,000	48.3	162.0	13,300				150
	160	43.3	152.7	11,200	44.5	152.0	11,500				160
	170	39.2	141.2	9,700	40.4	140.4	10,000				170
	180	34.7	127.8	8,400							180
190	40	81.0	227.6	40,000*							40
	45	79.7	226.7	40,000*	81.0	226.2	40,000*				45
	50	78.3	225.7	40,000*	79.6	225.2	40,000*	80.9	223.8	40,000*	50
	55	77.0	224.6	40,000*	78.3	224.1	40,000*	79.6	222.7	40,000*	55
	60	75.7	223.4	40,000*	77.0	222.8	40,000*	78.2	221.4	40,000*	60
	65	74.4	222.0	40,000*	75.7	221.5	40,000*	76.9	220.1	40,000*	65
	70	73.1	220.5	40,000*	74.3	220.0	40,000*	75.6	218.6	40,000*	70
	75	71.7	218.9	40,000*	73.0	218.4	40,000*	74.2	216.9	40,000*	75
	80	70.3	217.2	38,300	71.6	216.6	39,200	72.8	215.2	40,000*	80
	90	67.6	213.3	31,900	68.9	212.7	32,600	70.0	211.3	33,300	90
	100	64.8	208.8	26,900	66.0	208.2	27,500	67.2	206.8	28,100	100
	110	61.9	203.7	22,800	63.2	203.2	23,400	64.3	201.6	24,000	110
	120	59.0	198.0	19,600	60.2	197.4	20,100	61.3	195.8	20,500	120
	130	55.9	191.6	16,800	57.1	190.9	17,300	58.2	189.3	17,700	130
	140	52.7	184.3	14,500	54.0	183.7	14,900	55.0	182.0	15,200	140
	150	49.4	176.2	12,500	50.6	175.5	12,800	51.7	173.7	13,100	150
	160	46.0	167.0	10,700	47.1	166.3	11,100				160
	170	42.3	156.6	9,200	43.4	155.8	9,500				170
	180	38.3	144.7	7,900							180
	190	33.9	130.9	6,700							190
200	45	80.1	236.9	40,000*							45
	50	78.9	235.9	40,000*	80.1	235.4	40,000*				50
	55	77.6	234.8	40,000*	78.8	234.3	40,000*	80.0	232.9	40,000*	55
	60	76.3	233.7	40,000*	77.6	233.1	40,000*	78.8	231.7	40,000*	60
	65	75.1	232.4	40,000*	76.3	231.8	40,000*	77.5	230.4	40,000*	65
	70	73.8	231.0	40,000*	75.0	230.4	40,000*	76.2	229.0	40,000*	70
	75	72.5	229.4	40,000*	73.7	228.9	40,000*	74.9	227.5	40,000*	75
	80	71.2	227.8	37,700	72.4	227.2	38,600	73.6	225.8	39,500	80
	90	68.6	224.1	31,300	69.8	223.5	32,100	71.0	222.1	32,900	90
	100	65.9	219.8	26,300	67.1	219.3	27,000	68.3	217.8	27,600	100
	110	63.2	215.0	22,300	64.4	214.4	22,900	65.5	212.9	23,400	110
	120	60.4	209.6	19,000	61.6	209.0	19,500	62.7	207.5	20,000	120
	130	57.6	203.6	16,200	58.7	202.9	16,700	59.8	201.3	17,100	130
	140	54.6	196.8	13,900	55.8	196.1	14,300	56.8	194.5	14,700	140
	150	51.5	189.2	11,900	52.7	188.5	12,300	53.7	186.8	12,600	150
	160	48.3	180.7	10,100	49.4	180.0	10,500	50.4	178.2	10,800	160
	170	44.9	171.2	8,600	46.0	170.4	8,900				170
	180	41.3	160.4	7,300	42.4	159.6	7,500				180
	190	37.4	148.1	6,100							190
	200	33.1	133.9	5,000							200

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
210	45	80.5	247.0	40,000*							45
	50	79.3	246.1	40,000*	80.5	245.6	40,000*				50
	55	78.1	245.1	40,000*	79.3	244.5	40,000*	80.5	243.2	40,000*	55
	60	76.9	244.0	40,000*	78.1	243.4	40,000*	79.2	242.0	40,000*	60
	65	75.7	242.7	40,000*	76.9	242.2	40,000*	78.0	240.8	40,000*	65
	70	74.5	241.4	40,000*	75.7	240.8	40,000*	76.8	239.4	40,000*	70
	75	73.3	239.9	40,000*	74.4	239.4	40,000*	75.6	237.9	40,000*	75
	80	72.0	238.3	37,300	73.2	237.8	38,300	74.3	236.3	39,200	80
	90	69.5	234.8	30,900	70.7	234.2	31,800	71.8	232.8	32,500	90
	100	67.0	230.8	25,900	68.1	230.2	26,700	69.2	228.7	27,300	100
	110	64.4	226.2	21,900	65.6	225.6	22,500	66.6	224.1	23,100	110
	120	61.8	221.1	18,600	62.9	220.5	19,200	63.9	218.9	19,700	120
	130	59.0	215.3	15,900	60.2	214.7	16,400	61.2	213.1	16,800	130
	140	56.3	209.0	13,500	57.4	208.3	14,000	58.4	206.7	14,400	140
	150	53.4	201.9	11,500	54.5	201.2	11,900	55.5	199.5	12,300	150
220	160	50.4	193.9	9,800	51.5	193.3	10,200	52.4	191.5	10,500	160
	170	47.2	185.1	8,300	48.3	184.4	8,600				170
	180	43.9	175.2	6,900	45.0	174.5	7,200				180
	190	40.4	164.1	5,700	41.5	163.3	6,000				190
	200	36.6	151.5	4,700							200
	45	80.9	257.1	40,000*							45
	50	79.7	256.3	40,000*	80.9	255.7	40,000*				50
	55	78.6	255.3	40,000*	79.7	254.8	40,000*	80.8	253.4	40,000*	55
	60	77.4	254.2	40,000*	78.6	253.7	40,000*	79.7	252.3	40,000*	60
	65	76.3	253.0	40,000*	77.4	252.5	40,000*	78.5	251.1	40,000*	65
	70	75.1	251.7	40,000*	76.2	251.2	40,000*	77.3	249.8	40,000*	70
	75	73.9	250.3	40,000*	75.1	249.8	40,000*	76.1	248.4	40,000*	75
	80	72.8	248.8	36,800	73.9	248.3	37,800	75.0	246.8	38,800	80
	90	70.4	245.4	30,400	71.5	244.9	31,300	72.5	243.4	32,100	90
	100	67.9	241.6	25,400	69.1	241.0	26,100	70.1	239.6	26,800	100
	110	65.5	237.3	21,300	66.6	236.7	22,000	67.6	235.2	22,600	110
230	120	63.0	232.4	18,000	64.1	231.8	18,600	65.1	230.3	19,200	120
	130	60.4	226.9	15,300	61.5	226.3	15,800	62.5	224.8	16,300	130
	140	57.8	220.9	13,000	58.8	220.3	13,400	59.8	218.7	13,900	140
	150	55.0	214.2	10,900	56.1	213.6	11,400	57.1	211.9	11,800	150
	160	52.2	206.8	9,200	53.3	206.1	9,600	54.2	204.4	9,900	160
	170	49.3	198.6	7,700	50.4	197.9	8,000	51.3	196.1	8,300	170
	180	46.2	189.4	6,300	47.3	188.7	6,700				180
	190	43.0	179.2	5,100	44.0	178.4	5,400				190
	200	39.6	167.7	4,100	40.6	166.9	4,300				200
	50	80.1	266.4	40,000*	80.1	265.0	40,000*				50
	55	79.0	265.5	40,000*	79.0	263.9	40,000*	80.1	262.5	40,000*	55
	60	77.9	264.5	40,000*	77.9	262.8	40,000*	79.0	261.4	40,000*	60
	65	76.8	263.3	40,000*	76.8	261.5	40,000*	77.8	260.1	40,000*	65
	70	75.7	262.1	40,000*	75.6	260.2	40,000*	76.7	258.8	40,000*	70
	75	74.6	260.7	40,000*	74.5	258.7	37,400	75.6	257.3	38,400	75
	80	73.4	259.3	36,300	72.2	255.5	30,800	73.2	254.0	31,700	80
	90	71.1	256.1	29,900	69.9	251.8	25,700	70.9	250.3	26,400	90
	100	68.8	252.4	24,900	67.5	247.6	21,600	68.5	246.1	22,200	100
	110	66.5	248.2	20,800	65.1	243.0	18,200	66.1	241.5	18,700	110
	120	64.1	243.6	17,500	62.7	237.8	15,400	63.6	236.2	15,900	120
	130	61.6	238.4	14,800	60.2	232.0	13,000	61.1	230.5	13,400	130
	140	59.1	232.7	12,500	57.6	225.7	10,900	58.5	224.1	11,300	140
	150	56.5	226.3	10,500	54.9	218.7	9,100	55.8	217.0	9,500	150
	160	53.9	219.3	8,700	52.2	210.9	7,600	53.1	209.2	7,900	160
	170	51.1	211.6	7,200	49.3	202.4	6,200	50.2	200.5	6,500	170
	180	48.3	203.1	5,800	46.3	192.9	4,900				180
	190	45.3	193.6	4,700							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
240	50	80.5	276.6	40,000*							50
	55	79.4	275.7	40,000*	80.5	275.1	40,000*				55
	60	78.4	274.7	40,000*	79.4	274.1	40,000*	80.5	272.7	40,000*	60
	65	77.3	273.6	40,000*	78.4	273.0	40,000*	79.4	271.6	40,000*	65
	70	76.2	272.4	40,000*	77.3	271.8	40,000*	78.3	270.4	40,000*	70
	75	75.1	271.1	39,700	76.2	270.6	40,000*	77.2	269.1	40,000*	75
	80	74.1	269.7	35,800	75.1	269.2	36,900	76.1	267.7	37,900	80
	90	71.9	266.6	29,300	72.9	266.0	30,300	73.9	264.6	31,200	90
	100	69.6	263.1	24,300	70.7	262.5	25,100	71.6	261.0	25,900	100
	110	67.4	259.1	20,300	68.4	258.5	21,000	69.4	257.0	21,700	110
	120	65.1	254.7	17,000	66.1	254.1	17,600	67.1	252.6	18,200	120
	130	62.8	249.7	14,200	63.8	249.1	14,800	64.7	247.6	15,300	130
	140	60.4	244.3	11,900	61.4	243.7	12,400	62.3	242.1	12,900	140
	150	57.9	238.2	9,900	58.9	237.6	10,400	59.8	236.0	10,800	150
	160	55.4	231.6	8,100	56.4	231.0	8,600	57.3	229.3	8,900	160
	170	52.8	224.3	6,600	53.8	223.7	7,000	54.7	221.9	7,300	170
	180	50.1	216.3	5,300	51.1	215.6	5,600	52.0	213.8	5,900	180
	190	47.3	207.5	4,100	48.3	206.8	4,400				190

REHEAT ONLY

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	30	80.8	158.3	30,000*							30
	35	78.9	157.3	30,000*	81.4	156.7	30,000*				35
	40	77.0	156.2	30,000*	79.5	155.5	30,000*				40
	45	75.1	154.9	30,000*	77.6	154.2	30,000*	80.0	152.6	30,000*	45
	50	73.1	153.4	30,000*	75.6	152.8	30,000*	78.0	151.1	30,000*	50
	55	71.2	151.8	30,000*	73.6	151.1	30,000*	76.0	149.4	30,000*	55
	60	69.2	149.9	30,000*	71.6	149.2	30,000*	74.0	147.5	30,000*	60
	65	67.2	147.8	30,000*	69.6	147.1	30,000*	72.0	145.4	30,000*	65
	70	65.1	145.6	30,000*	67.5	144.9	30,000*	69.9	143.1	30,000*	70
	75	63.0	143.1	30,000*	65.4	142.4	30,000*	67.7	140.6	30,000*	75
	80	60.9	140.3	30,000*	63.3	139.6	30,000*	65.6	137.8	30,000*	80
	90	56.5	134.1	30,000*	58.9	133.4	30,000*	61.1	131.5	28,500*	90
	100	51.9	126.7	30,000*	54.2	125.9	30,000*	56.3	123.9	26,700*	100
120	110	46.9	118.0	27,300	49.2	117.1	27,700	51.3	114.9	25,100*	110
	120	41.5	107.5	24,000	43.7	106.5	24,300				120
	130	35.4	94.6	21,300							130
130	30	81.4	168.4	30,000*							30
	35	79.6	167.5	30,000*							35
	40	77.8	166.5	30,000*	80.2	165.8	30,000*				40
	45	76.0	165.2	30,000*	78.3	164.6	30,000*	80.6	162.9	30,000*	45
	50	74.2	163.9	30,000*	76.5	163.2	30,000*	78.8	161.5	30,000*	50
	55	72.4	162.3	30,000*	74.7	161.6	30,000*	76.9	160.0	30,000*	55
	60	70.5	160.6	30,000*	72.8	159.9	30,000*	75.1	158.2	30,000*	60
	65	68.6	158.7	30,000*	70.9	158.0	30,000*	73.1	156.3	30,000*	65
	70	66.7	156.6	30,000*	69.0	155.9	30,000*	71.2	154.1	30,000*	70
	75	64.8	154.2	30,000*	67.1	153.5	30,000*	69.3	151.8	30,000*	75
	80	62.8	151.7	30,000*	65.1	151.0	30,000*	67.3	149.2	30,000*	80
	90	58.8	146.0	30,000*	61.0	145.3	30,000*	63.1	143.4	29,500*	90
	100	54.6	139.3	30,000*	56.8	138.5	30,000*	58.8	136.5	27,600*	100
140	110	50.1	131.4	26,600	52.3	130.6	27,100	54.3	128.5	26,000*	110
	120	45.3	122.2	23,400	47.5	121.3	23,700				120
	130	40.1	111.1	20,600	42.2	110.1	20,900				130
	140	34.2	97.7	18,300							140
150	35	80.2	177.7	30,000*							35
	40	78.5	176.7	30,000*	80.7	176.0	30,000*				40
	45	76.8	175.6	30,000*	79.0	174.9	30,000*	81.2	173.2	30,000*	45
	50	75.1	174.3	30,000*	77.3	173.6	30,000*	79.5	171.9	30,000*	50
	55	73.4	172.8	30,000*	75.6	172.1	30,000*	77.7	170.4	30,000*	55
	60	71.7	171.2	30,000*	73.9	170.5	30,000*	76.0	168.8	30,000*	60
	65	69.9	169.4	30,000*	72.1	168.7	30,000*	74.2	167.0	30,000*	65
	70	68.1	167.4	30,000*	70.3	166.7	30,000*	72.4	165.0	30,000*	70
	75	66.3	165.3	30,000*	68.5	164.6	30,000*	70.6	162.8	30,000*	75
	80	64.5	162.9	30,000*	66.7	162.2	30,000*	68.7	160.4	30,000*	80
	90	60.8	157.7	30,000*	62.9	156.9	30,000*	64.9	155.0	30,000*	90
	100	56.9	151.5	30,000*	59.0	150.7	30,000*	61.0	148.7	28,500*	100
	110	52.8	144.3	26,300	54.9	143.5	26,800	56.8	141.4	26,900*	110
160	120	48.5	136.0	23,100	50.6	135.1	23,500	52.4	132.9	23,900	120
	130	43.9	126.2	20,300	45.9	125.3	20,700				130
	140	38.9	114.7	18,000	40.9	113.6	18,300				140
	150	33.2	100.7	16,000							150

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
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4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
140	35	80.8	187.8	30,000*							35
	40	79.2	186.9	30,000*	81.2	186.2	30,000*				40
	45	77.6	185.8	30,000*	79.6	185.2	30,000*				45
	50	76.0	184.6	30,000*	78.0	183.9	30,000*	80.1	182.2	30,000*	50
	55	74.3	183.2	30,000*	76.4	182.6	30,000*	78.4	180.8	30,000*	55
	60	72.7	181.7	30,000*	74.8	181.0	30,000*	76.8	179.3	30,000*	60
	65	71.1	180.0	30,000*	73.1	179.3	30,000*	75.1	177.6	30,000*	65
	70	69.4	178.2	30,000*	71.4	177.5	30,000*	73.4	175.7	30,000*	70
	75	67.7	176.2	30,000*	69.8	175.5	30,000*	71.7	173.7	30,000*	75
	80	66.0	174.0	30,000*	68.0	173.3	30,000*	70.0	171.4	30,000*	80
	90	62.5	169.1	30,000*	64.5	168.3	30,000*	66.4	166.4	30,000*	90
	100	58.9	163.4	29,600	60.9	162.6	30,000*	62.8	160.6	29,300*	100
	110	55.2	156.8	25,600	57.2	155.9	26,200	59.0	153.9	26,700	110
	120	51.3	149.1	22,400	53.2	148.3	22,800	55.0	146.2	23,300	120
	130	47.1	140.4	19,600	49.0	139.4	20,000	50.7	137.2	20,400	130
	140	42.6	130.1	17,300	44.5	129.2	17,600				140
150	150	37.8	118.1	15,300							150
	160	32.2	103.6	13,600							160
	35	81.2	198.0	30,000*							35
	40	79.7	197.1	30,000*							40
	45	78.2	196.1	30,000*	80.2	195.4	30,000*				45
	50	76.7	194.9	30,000*	78.7	194.2	30,000*	80.6	192.5	30,000*	50
	55	75.2	193.6	30,000*	77.1	192.9	30,000*	79.1	191.2	30,000*	55
	60	73.6	192.2	30,000*	75.6	191.5	30,000*	77.5	189.7	30,000*	60
	65	72.1	190.6	30,000*	74.0	189.9	30,000*	75.9	188.1	30,000*	65
	70	70.5	188.9	30,000*	72.5	188.2	30,000*	74.3	186.4	30,000*	70
	75	68.9	187.0	30,000*	70.9	186.3	30,000*	72.7	184.5	30,000*	75
	80	67.3	184.9	30,000*	69.3	184.2	30,000*	71.1	182.4	30,000*	80
	90	64.1	180.3	30,000*	66.0	179.6	30,000*	67.8	177.7	30,000*	90
	100	60.7	175.0	29,200	62.6	174.2	29,800	64.4	172.3	30,000*	100
	110	57.2	168.8	25,100	59.1	168.0	25,700	60.9	166.0	26,300	110
	120	53.6	161.8	21,900	55.5	161.0	22,400	57.2	158.9	22,800	120
	130	49.8	153.8	19,100	51.7	152.9	19,600	53.3	150.7	20,000	130
	140	45.8	144.6	16,800	47.6	143.7	17,200				140
	150	41.5	133.9	14,800	43.2	132.9	15,100				150
	160	36.7	121.4	13,100							160
	170	31.4	106.4	11,500							170
160	40	80.2	207.3	30,000*							40
	45	78.8	206.3	30,000*	80.7	205.6	30,000*				45
	50	77.4	205.2	30,000*	79.2	204.5	30,000*	81.1	202.8	30,000*	50
	55	75.9	204.0	30,000*	77.8	203.3	30,000*	79.6	201.5	30,000*	55
	60	74.5	202.6	30,000*	76.3	201.9	30,000*	78.1	200.1	30,000*	60
	65	73.0	201.1	30,000*	74.8	200.4	30,000*	76.7	198.6	30,000*	65
	70	71.5	199.5	30,000*	73.4	198.8	30,000*	75.2	197.0	30,000*	70
	75	70.0	197.7	30,000*	71.9	197.0	30,000*	73.6	195.1	30,000*	75
	80	68.5	195.7	30,000*	70.3	195.0	30,000*	72.1	193.2	30,000*	80
	90	65.4	191.4	30,000*	67.3	190.7	30,000*	69.0	188.8	30,000*	90
	100	62.3	186.4	28,500	64.1	185.6	29,300	65.8	183.7	30,000*	100
	110	59.0	180.7	24,500	60.8	179.9	25,200	62.5	177.9	25,800	110
	120	55.7	174.2	21,200	57.5	173.3	21,800	59.1	171.3	22,300	120
	130	52.2	166.8	18,500	53.9	165.9	19,000	55.5	163.7	19,400	130
	140	48.5	158.3	16,200	50.2	157.4	16,600	51.8	155.1	17,000	140
	150	44.6	148.7	14,200	46.3	147.7	14,500				150
	160	40.4	137.6	12,400	42.1	136.6	12,800				160
	170	35.8	124.7	10,900							170
	180	30.5	109.1	9,600							180

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
170	40	80.7	217.4	30,000*							40
	45	79.3	216.5	30,000*	81.1	215.8	30,000*				45
	50	78.0	215.5	30,000*	79.8	214.8	30,000*				50
	55	76.6	214.3	30,000*	78.4	213.6	30,000*	80.1	211.8	30,000*	55
	60	75.2	213.0	30,000*	77.0	212.3	30,000*	78.7	210.5	30,000*	60
	65	73.8	211.6	30,000*	75.6	210.9	30,000*	77.3	209.1	30,000*	65
	70	72.4	210.0	30,000*	74.2	209.3	30,000*	75.9	207.5	30,000*	70
	75	71.0	208.3	30,000*	72.7	207.6	30,000*	74.4	205.8	30,000*	75
	80	69.6	206.5	30,000*	71.3	205.7	30,000*	73.0	203.9	30,000*	80
	90	66.7	202.4	30,000*	68.4	201.6	30,000*	70.1	199.8	30,000*	90
	100	63.7	197.7	28,200	65.4	196.9	29,000	67.1	195.0	29,700	100
	110	60.6	192.3	24,200	62.4	191.5	24,900	64.0	189.5	25,500	110
	120	57.5	186.2	20,900	59.2	185.4	21,500	60.8	183.3	22,000	120
	130	54.2	179.3	18,200	55.9	178.5	18,700	57.5	176.3	19,200	130
	140	50.8	171.5	15,800	52.5	170.6	16,300	54.0	168.4	16,700	140
	150	47.3	162.7	13,800	48.9	161.8	14,200	50.3	159.4	14,600	150
	160	43.5	152.7	12,100	45.1	151.7	12,500				160
	170	39.4	141.2	10,600	41.0	140.1	10,900				170
	180	34.9	127.8	9,200							180
180	40	81.1	227.6	30,000*							40
	45	79.8	226.7	30,000*							45
	50	78.5	225.7	30,000*	80.2	225.0	30,000*				50
	55	77.2	224.6	30,000*	78.9	223.9	30,000*	80.6	222.1	30,000*	55
	60	75.9	223.3	30,000*	77.6	222.6	30,000*	79.2	220.8	30,000*	60
	65	74.6	222.0	30,000*	76.2	221.3	30,000*	77.9	219.5	30,000*	65
	70	73.2	220.5	30,000*	74.9	219.8	30,000*	76.5	218.0	30,000*	70
	75	71.9	218.9	30,000*	73.6	218.2	30,000*	75.2	216.3	30,000*	75
	80	70.5	217.1	30,000*	72.2	216.4	30,000*	73.8	214.6	30,000*	80
	90	67.8	213.3	30,000*	69.4	212.5	30,000*	71.0	210.6	30,000*	90
	100	65.0	208.8	27,600	66.6	208.0	28,500	68.2	206.1	29,200	100
	110	62.1	203.7	23,600	63.7	202.9	24,300	65.3	201.0	25,000	110
	120	59.1	198.0	20,300	60.8	197.2	21,000	62.3	195.2	21,500	120
	130	56.1	191.6	17,600	57.7	190.7	18,100	59.2	188.6	18,600	130
	140	52.9	184.3	15,200	54.5	183.4	15,700	55.9	181.3	16,200	140
	150	49.6	176.2	13,200	51.2	175.3	13,700	52.6	173.0	14,100	150
	160	46.1	167.0	11,500	47.7	166.0	11,900				160
	170	42.4	156.6	10,000	44.0	155.6	10,300				170
	180	38.4	144.7	8,600							180
	190	34.1	130.9	7,500							190
190	45	80.3	236.8	30,000*							45
	50	79.0	235.9	30,000*	80.6	235.2	30,000*				50
	55	77.8	234.8	30,000*	79.4	234.1	30,000*	81.0	232.3	30,000*	55
	60	76.5	233.7	30,000*	78.1	232.9	30,000*	79.7	231.1	30,000*	60
	65	75.2	232.4	30,000*	76.9	231.6	30,000*	78.4	229.8	30,000*	65
	70	74.0	230.9	30,000*	75.6	230.2	30,000*	77.2	228.4	30,000*	70
	75	72.7	229.4	30,000*	74.3	228.7	30,000*	75.9	226.8	30,000*	75
	80	71.4	227.8	30,000*	73.0	227.0	30,000*	74.5	225.2	30,000*	80
	90	68.8	224.1	30,000*	70.4	223.3	30,000*	71.9	221.4	30,000*	90
	100	66.1	219.8	27,100	67.7	219.1	28,000	69.2	217.1	28,800	100
	110	63.4	215.0	23,100	65.0	214.2	23,900	66.4	212.3	24,600	110
	120	60.6	209.6	19,800	62.2	208.8	20,500	63.6	206.8	21,100	120
	130	57.7	203.6	17,100	59.3	202.7	17,700	60.7	200.6	18,200	130
	140	54.7	196.8	14,700	56.3	195.9	15,300	57.7	193.8	15,700	140
	150	51.7	189.2	12,700	53.2	188.3	13,200	54.6	186.0	13,600	150
	160	48.4	180.7	11,000	50.0	179.8	11,400	51.3	177.4	11,800	160
	170	45.1	171.2	9,500	46.6	170.2	9,900				170
	180	41.5	160.4	8,100	42.9	159.3	8,500				180
	190	37.6	148.1	6,900							190
	200	33.3	133.9	5,900							200

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
200	45	80.7	247.0	30,000*							45
	50	79.5	246.1	30,000*	81.0	245.4	30,000*				50
	55	78.3	245.1	30,000*	79.8	244.3	30,000*				55
	60	77.1	243.9	30,000*	78.6	243.2	30,000*	80.2	241.4	30,000*	60
	65	75.9	242.7	30,000*	77.4	242.0	30,000*	78.9	240.2	30,000*	65
	70	74.6	241.4	30,000*	76.2	240.6	30,000*	77.7	238.8	30,000*	70
	75	73.4	239.9	30,000*	75.0	239.1	30,000*	76.5	237.3	30,000*	75
	80	72.2	238.3	30,000*	73.7	237.6	30,000*	75.2	235.7	30,000*	80
	90	69.7	234.8	30,000*	71.2	234.0	30,000*	72.7	232.1	30,000*	90
	100	67.1	230.7	26,500	68.7	230.0	27,500	70.1	228.1	28,300	100
	110	64.6	226.2	22,500	66.1	225.4	23,300	67.5	223.4	24,100	110
	120	61.9	221.1	19,200	63.4	220.3	20,000	64.8	218.2	20,600	120
	130	59.2	215.3	16,500	60.7	214.5	17,100	62.1	212.4	17,700	130
	140	56.4	208.9	14,100	57.9	208.1	14,700	59.2	206.0	15,200	140
	150	53.5	201.8	12,100	55.0	201.0	12,700	56.3	198.7	13,100	150
	160	50.5	193.9	10,400	52.0	193.0	10,900	53.3	190.7	11,300	160
	170	47.4	185.1	8,900	48.8	184.1	9,300				170
	180	44.1	175.2	7,500	45.5	174.2	7,900				180
	190	40.5	164.1	6,300	41.9	163.0	6,700				190
	200	36.7	151.4	5,300							200
	210	32.6	136.8	4,300							210
210	45	81.0	257.1	30,000*							45
	50	79.9	256.3	30,000*							50
	55	78.7	255.3	30,000*	80.2	254.6	30,000*				55
	60	77.6	254.2	30,000*	79.1	253.5	30,000*	80.6	251.7	30,000*	60
	65	76.4	253.0	30,000*	77.9	252.3	30,000*	79.4	250.5	30,000*	65
	70	75.3	251.7	30,000*	76.7	251.0	30,000*	78.2	249.2	30,000*	70
	75	74.1	250.3	30,000*	75.6	249.6	30,000*	77.0	247.7	30,000*	75
	80	72.9	248.8	30,000*	74.4	248.1	30,000*	75.8	246.2	30,000*	80
	90	70.5	245.4	30,000*	72.0	244.7	30,000*	73.4	242.8	30,000*	90
	100	68.1	241.6	26,200	69.6	240.8	27,100	71.0	238.9	28,000	100
	110	65.6	237.2	22,200	67.1	236.5	23,000	68.5	234.5	23,800	110
	120	63.1	232.4	18,900	64.6	231.6	19,600	65.9	229.6	20,300	120
	130	60.5	226.9	16,100	62.0	226.1	16,800	63.3	224.1	17,400	130
	140	57.9	220.9	13,800	59.3	220.0	14,400	60.6	217.9	14,900	140
	150	55.2	214.2	11,800	56.6	213.3	12,300	57.9	211.1	12,800	150
	160	52.4	206.8	10,000	53.8	205.9	10,500	55.0	203.6	10,900	160
	170	49.4	198.5	8,500	50.8	197.6	8,900	52.0	195.2	9,300	170
	180	46.4	189.4	7,200	47.8	188.4	7,600				180
	190	43.1	179.2	6,000	44.5	178.1	6,300				190
	200	39.7	167.7	4,900	41.0	166.6	5,200				200
220	50	80.3	266.4	30,000*							50
	55	79.2	265.5	30,000*	80.6	264.8	30,000*				55
	60	78.1	264.4	30,000*	79.5	263.7	30,000*				60
	65	76.9	263.3	30,000*	78.4	262.6	30,000*	80.9	261.9	30,000*	65
	70	75.8	262.1	30,000*	77.3	261.3	30,000*	79.8	260.7	30,000*	70
	75	74.7	260.7	30,000*	76.1	260.0	30,000*	78.7	259.5	30,000*	75
	80	73.6	259.3	30,000*	75.0	258.5	30,000*	77.5	258.1	30,000*	80
	90	71.3	256.0	30,000*	72.7	255.3	30,000*	76.4	256.7	30,000*	90
	100	69.0	252.4	25,600	70.4	251.6	26,600	74.1	253.4	30,000*	100
	110	66.6	248.2	21,600	68.0	247.4	22,500	71.7	249.7	27,600	110
	120	64.2	243.6	18,300	65.6	242.8	19,100	69.4	245.5	23,300	120
	130	61.8	238.4	15,500	63.2	237.6	16,200	66.9	240.8	19,800	130
	140	59.3	232.7	13,200	60.6	231.8	13,800	64.4	235.5	16,900	140
	150	56.7	226.3	11,200	58.1	225.5	11,800	61.9	229.7	14,400	150
	160	54.0	219.3	9,500	55.4	218.4	10,000	59.3	223.3	12,300	160
	170	51.3	211.6	7,900	52.6	210.7	8,400	56.6	216.2	10,400	170
	180	48.4	203.1	6,600	49.8	202.1	7,000	53.8	208.4	8,800	180
	190	45.4	193.6	5,400	46.7	192.6	5,800	50.9	199.7	7,400	190
	200	42.3	183.1	4,300	43.6	182.0	4,700				200

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
230	50	80.6	276.6	30,000*							50
	55	79.6	275.7	30,000*	81.0	274.9	30,000*				55
	60	78.5	274.7	30,000*	79.9	273.9	30,000*	81.3	272.1	30,000*	60
	65	77.4	273.6	30,000*	78.8	272.8	30,000*	80.2	271.0	30,000*	65
	70	76.4	272.4	30,000*	77.7	271.6	30,000*	79.1	269.8	30,000*	70
	75	75.3	271.1	30,000*	76.7	270.3	30,000*	78.0	268.5	30,000*	75
	80	74.2	269.7	30,000*	75.6	268.9	30,000*	76.9	267.1	30,000*	80
	90	72.0	266.6	30,000*	73.4	265.8	30,000*	74.7	263.9	30,000*	90
	100	69.8	263.1	25,100	71.1	262.3	26,200	72.4	260.4	27,200	100
	110	67.5	259.1	21,100	68.9	258.3	22,000	70.2	256.4	22,900	110
	120	65.2	254.6	17,800	66.6	253.8	18,600	67.8	251.9	19,400	120
	130	62.9	249.7	15,000	64.2	248.9	15,800	65.5	246.9	16,500	130
	140	60.5	244.3	12,700	61.8	243.4	13,400	63.1	241.3	14,000	140
	150	58.1	238.2	10,700	59.4	237.4	11,300	60.6	235.3	11,800	150
	160	55.5	231.6	9,000	56.9	230.7	9,500	58.0	228.5	10,000	160
	170	52.9	224.3	7,400	54.3	223.4	7,900	55.4	221.1	8,400	170
	180	50.3	216.3	6,100	51.6	215.4	6,500	52.7	213.0	6,900	180
	190	47.5	207.5	4,900	48.8	206.5	5,300				190
	200				45.8	196.7	4,200				200
240	50	81.0	286.7	30,000*							50
	55	79.9	285.8	30,000*							55
	60	78.9	284.9	30,000*	80.3	284.1	30,000*				60
	65	77.9	283.8	30,000*	79.2	283.1	30,000*	80.5	281.2	30,000*	65
	70	76.8	282.7	30,000*	78.2	281.9	30,000*	79.5	280.1	30,000*	70
	75	75.8	281.4	30,000*	77.1	280.7	30,000*	78.4	278.8	30,000*	75
	80	74.8	280.1	30,000*	76.1	279.3	30,000*	77.4	277.5	30,000*	80
	90	72.6	277.1	29,600	74.0	276.3	30,000*	75.3	274.4	30,000*	90
	100	70.5	273.7	24,600	71.8	272.9	25,700	73.1	271.0	26,700	100
	110	68.4	269.9	20,500	69.7	269.1	21,500	70.9	267.2	22,400	110
	120	66.2	265.6	17,200	67.5	264.9	18,100	68.7	262.9	18,900	120
	130	63.9	260.9	14,500	65.2	260.1	15,200	66.4	258.1	16,000	130
	140	61.6	255.7	12,100	62.9	254.9	12,800	64.1	252.8	13,500	140
	150	59.3	250.0	10,100	60.6	249.1	10,800	61.8	247.0	11,300	150
	160	56.9	243.7	8,400	58.2	242.8	9,000	59.4	240.6	9,500	160
	170	54.5	236.8	6,900	55.7	235.9	7,400	56.9	233.6	7,800	170
	180	51.9	229.2	5,500	53.2	228.3	6,000	54.3	226.0	6,400	180
	190	49.3	220.9	4,300	50.5	219.9	4,700	51.6	217.5	5,100	190



LIFTCRANE JIB CAPACITIES

 MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	35	79.9	167.7	20,000*							35
	40	78.1	166.7	20,000*	81.0	166.0	20,000*				40
	45	76.3	165.5	20,000*	79.2	164.8	20,000*				45
	50	74.5	164.1	20,000*	77.4	163.4	20,000*	80.3	161.6	20,000*	50
	55	72.7	162.6	20,000*	75.6	161.9	20,000*	78.4	160.1	20,000*	55
	60	70.8	160.9	20,000*	73.7	160.2	20,000*	76.6	158.3	20,000*	60
	65	68.9	159.0	20,000*	71.8	158.3	20,000*	74.7	156.4	20,000*	65
	70	67.0	157.0	20,000*	69.9	156.2	20,000*	72.7	154.3	20,000*	70
	75	65.1	154.7	20,000*	68.0	154.0	20,000*	70.8	152.0	20,000*	75
	80	63.1	152.2	20,000*	66.0	151.5	20,000*	68.8	149.5	20,000*	80
	90	59.1	146.6	20,000*	62.0	145.8	20,000*	64.7	143.7	20,000*	90
	100	54.9	140.0	20,000*	57.7	139.2	20,000*	60.4	137.0	20,000*	100
	110	50.5	132.2	20,000*	53.3	131.4	20,000*	55.8	129.0	20,000*	110
	120	45.7	123.1	20,000*	48.5	122.2	20,000*	51.0	119.7	19,500*	120
	130	40.6	112.3	20,000*	43.3	111.2	20,000*				130
	140	34.8	99.1	19,200							140
120	35	80.5	177.9	20,000*							35
	40	78.8	176.9	20,000*							40
	45	77.1	175.8	20,000*	79.9	175.1	20,000*				45
	50	75.4	174.5	20,000*	78.2	173.8	20,000*	80.9	171.9	20,000*	50
	55	73.7	173.1	20,000*	76.4	172.4	20,000*	79.1	170.5	20,000*	55
	60	71.9	171.5	20,000*	74.7	170.8	20,000*	77.4	168.9	20,000*	60
	65	70.2	169.7	20,000*	72.9	169.0	20,000*	75.6	167.1	20,000*	65
	70	68.4	167.8	20,000*	71.2	167.1	20,000*	73.8	165.1	20,000*	70
	75	66.6	165.7	20,000*	69.4	164.9	20,000*	72.0	163.0	20,000*	75
	80	64.8	163.4	20,000*	67.5	162.6	20,000*	70.1	160.6	20,000*	80
	90	61.1	158.2	20,000*	63.8	157.4	20,000*	66.3	155.3	20,000*	90
	100	57.2	152.1	20,000*	59.9	151.3	20,000*	62.4	149.1	20,000*	100
	110	53.2	145.0	20,000*	55.8	144.2	20,000*	58.3	141.9	20,000*	110
	120	48.9	136.8	20,000*	51.5	135.9	20,000*	53.9	133.5	20,000*	120
	130	44.3	127.2	20,000*	46.9	126.2	20,000*				130
	140	39.3	115.9	18,600	41.9	114.7	18,900				140
	150	33.7	102.1	16,600							150
130	35	81.0	188.0	20,000*							35
	40	79.4	187.1	20,000*							40
	45	77.8	186.0	20,000*	80.4	185.3	20,000*				45
	50	76.2	184.9	20,000*	78.8	184.1	20,000*				50
	55	74.6	183.5	20,000*	77.2	182.8	20,000*	79.8	180.9	20,000*	55
	60	73.0	182.0	20,000*	75.6	181.3	20,000*	78.1	179.3	20,000*	60
	65	71.3	180.4	20,000*	73.9	179.6	20,000*	76.4	177.7	20,000*	65
	70	69.7	178.6	20,000*	72.2	177.8	20,000*	74.8	175.8	20,000*	70
	75	68.0	176.6	20,000*	70.6	175.8	20,000*	73.0	173.8	20,000*	75
	80	66.3	174.4	20,000*	68.8	173.6	20,000*	71.3	171.6	20,000*	80
	90	62.8	169.6	20,000*	65.4	168.8	20,000*	67.8	166.7	20,000*	90
	100	59.2	163.9	20,000*	61.8	163.1	20,000*	64.1	160.9	20,000*	100
	110	55.5	157.4	20,000*	58.0	156.5	20,000*	60.3	154.3	20,000*	110
	120	51.6	149.9	20,000*	54.1	149.0	20,000*	56.3	146.6	20,000*	120
	130	47.5	141.2	20,000*	49.9	140.3	20,000*	52.1	137.7	19,800*	130
	140	43.0	131.2	18,300	45.4	130.1	18,700				140
	150	38.2	119.3	16,300	40.6	118.2	16,600				150
	160	32.7	105.1	14,600							160

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
140	40	80.0	197.3	20,000*							40
	45	78.5	196.3	20,000*	80.9	195.5	20,000*				45
	50	76.9	195.2	20,000*	79.4	194.4	20,000*				50
	55	75.4	193.9	20,000*	77.9	193.1	20,000*	80.3	191.2	20,000*	55
	60	73.9	192.5	20,000*	76.3	191.7	20,000*	78.8	189.8	20,000*	60
	65	72.3	190.9	20,000*	74.8	190.2	20,000*	77.2	188.2	20,000*	65
	70	70.8	189.2	20,000*	73.2	188.4	20,000*	75.6	186.4	20,000*	70
	75	69.2	187.3	20,000*	71.6	186.6	20,000*	74.0	184.5	20,000*	75
	80	67.6	185.3	20,000*	70.0	184.5	20,000*	72.4	182.5	20,000*	80
	90	64.3	180.8	20,000*	66.7	180.0	20,000*	69.1	177.9	20,000*	90
	100	61.0	175.5	20,000*	63.4	174.7	20,000*	65.7	172.5	20,000*	100
	110	57.5	169.5	20,000*	59.9	168.6	20,000*	62.1	166.3	20,000*	110
	120	53.9	162.5	20,000*	56.3	161.6	20,000*	58.5	159.3	20,000*	120
	130	50.1	154.6	19,900	52.5	153.7	20,000*	54.6	151.2	20,000*	130
150	40	80.5	207.4	20,000*							40
	45	79.0	206.5	20,000*							45
	50	77.6	205.4	20,000*	79.9	204.7	20,000*				50
	55	76.1	204.2	20,000*	78.5	203.5	20,000*	80.8	201.5	20,000*	55
	60	74.7	202.9	20,000*	77.0	202.1	20,000*	79.3	200.1	20,000*	60
	65	73.2	201.4	20,000*	75.6	200.6	20,000*	77.9	198.6	20,000*	65
	70	71.7	199.8	20,000*	74.1	199.0	20,000*	76.4	197.0	20,000*	70
	75	70.2	198.0	20,000*	72.6	197.3	20,000*	74.8	195.2	20,000*	75
	80	68.7	196.1	20,000*	71.1	195.3	20,000*	73.3	193.3	20,000*	80
	90	65.7	191.8	20,000*	68.0	191.0	20,000*	70.2	188.9	20,000*	90
	100	62.5	186.9	20,000*	64.8	186.1	20,000*	67.0	183.9	20,000*	100
	110	59.3	181.2	20,000*	61.6	180.4	20,000*	63.7	178.1	20,000*	110
	120	56.0	174.8	20,000*	58.2	173.9	20,000*	60.3	171.6	20,000*	120
	130	52.5	167.5	19,400	54.7	166.6	20,000*	56.7	164.1	20,000*	130
160	40	80.9	217.6	20,000*							40
	45	79.6	216.7	20,000*							45
	50	78.2	215.7	20,000*	80.4	214.9	20,000*				50
	55	76.8	214.5	20,000*	79.0	213.8	20,000*	81.3	211.8	20,000*	55
	60	75.4	213.3	20,000*	77.7	212.5	20,000*	79.9	210.5	20,000*	60
	65	74.0	211.9	20,000*	76.3	211.1	20,000*	78.4	209.0	20,000*	65
	70	72.6	210.3	20,000*	74.8	209.5	20,000*	77.0	207.5	20,000*	70
	75	71.2	208.6	20,000*	73.4	207.9	20,000*	75.6	205.8	20,000*	75
	80	69.8	206.8	20,000*	72.0	206.0	20,000*	74.1	204.0	20,000*	80
	90	66.9	202.8	20,000*	69.1	202.0	20,000*	71.2	199.9	20,000*	90
	100	63.9	198.1	20,000*	66.1	197.3	20,000*	68.2	195.1	20,000*	100
	110	60.9	192.8	20,000*	63.1	192.0	20,000*	65.1	189.7	20,000*	110
	120	57.8	186.8	20,000*	59.9	185.9	20,000*	61.9	183.6	20,000*	120
	130	54.5	180.0	18,800	56.7	179.1	19,400	58.6	176.7	20,000*	130
180	40	81.1	172.3	16,500	53.2	171.3	17,000	55.2	168.8	17,500	140
	150	47.6	163.6	14,500	49.7	162.6	15,000	51.5	159.9	15,400	150
	160	43.8	153.7	12,700	45.9	152.6	13,200				160
	170	39.7	142.4	11,200	41.8	141.2	11,600				170
	180	35.3	129.1	9,900							180

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
170	40	81.3	227.7	20,000*							40
	45	80.0	226.9	20,000*							45
	50	78.7	225.9	20,000*	80.9	225.1	20,000*				50
	55	77.4	224.8	20,000*	79.5	224.0	20,000*				55
	60	76.1	223.6	20,000*	78.2	222.8	20,000*	80.3	220.8	20,000*	60
	65	74.8	222.3	20,000*	76.9	221.5	20,000*	79.0	219.4	20,000*	65
	70	73.4	220.8	20,000*	75.6	220.0	20,000*	77.6	217.9	20,000*	70
	75	72.1	219.2	20,000*	74.2	218.4	20,000*	76.3	216.3	20,000*	75
	80	70.7	217.5	20,000*	72.8	216.7	20,000*	74.9	214.6	20,000*	80
	90	68.0	213.7	20,000*	70.1	212.8	20,000*	72.1	210.7	20,000*	90
	100	65.2	209.2	20,000*	67.3	208.4	20,000*	69.3	206.2	20,000*	100
	110	62.3	204.2	20,000*	64.4	203.4	20,000*	66.4	201.1	20,000*	110
	120	59.4	198.6	20,000*	61.4	197.7	20,000*	63.4	195.4	20,000*	120
	130	56.3	192.2	18,500	58.4	191.3	19,100	60.3	188.9	19,700	130
	140	53.2	185.0	16,100	55.2	184.1	16,700	57.1	181.6	17,200	140
	150	49.9	177.0	14,100	51.9	176.0	14,600	53.7	173.4	15,100	150
	160	46.4	167.9	12,400	48.4	166.9	12,800				160
	170	42.7	157.6	10,900	44.7	156.5	11,300				170
	180	38.8	145.9	9,500	40.7	144.7	9,900				180
	190	34.4	132.3	8,300							190
180	45	80.5	237.0	20,000*							45
	50	79.2	236.1	20,000*	81.3	235.3	20,000*				50
	55	78.0	235.0	20,000*	80.0	234.3	20,000*				55
	60	76.7	233.9	20,000*	78.7	233.1	20,000*	80.8	231.0	20,000*	60
	65	75.4	232.6	20,000*	77.5	231.8	20,000*	79.5	229.8	20,000*	65
	70	74.2	231.2	20,000*	76.2	230.4	20,000*	78.2	228.4	20,000*	70
	75	72.9	229.7	20,000*	74.9	228.9	20,000*	76.9	226.8	20,000*	75
	80	71.6	228.1	20,000*	73.6	227.3	20,000*	75.6	225.2	20,000*	80
	90	69.0	224.4	20,000*	71.0	223.6	20,000*	72.9	221.5	20,000*	90
	100	66.3	220.2	20,000*	68.3	219.4	20,000*	70.2	217.2	20,000*	100
	110	63.6	215.5	20,000*	65.6	214.6	20,000*	67.5	212.4	20,000*	110
	120	60.8	210.1	20,000*	62.8	209.3	20,000*	64.7	207.0	20,000*	120
	130	57.9	204.1	17,900	59.9	203.2	18,600	61.7	200.9	19,200	130
	140	55.0	197.4	15,600	57.0	196.5	16,200	58.7	194.0	16,700	140
	150	51.9	189.9	13,500	53.9	189.0	14,100	55.6	186.4	14,600	150
	160	48.7	181.5	11,800	50.6	180.5	12,300	52.3	177.8	12,700	160
	170	45.3	172.1	10,300	47.3	171.0	10,700				170
	180	41.8	161.5	8,900	43.6	160.3	9,300				180
	190	37.9	149.3	7,700							190
	200	33.7	135.3	6,700							200
190	45	80.9	247.2	20,000*							45
	50	79.7	246.3	20,000*							50
	55	78.5	245.3	20,000*	80.4	244.5	20,000*				55
	60	77.3	244.2	20,000*	79.2	243.4	20,000*	81.2	241.3	20,000*	60
	65	76.0	243.0	20,000*	78.0	242.2	20,000*	79.9	240.1	20,000*	65
	70	74.8	241.6	20,000*	76.8	240.8	20,000*	78.7	238.7	20,000*	70
	75	73.6	240.2	20,000*	75.6	239.4	20,000*	77.5	237.3	20,000*	75
	80	72.4	238.6	20,000*	74.3	237.8	20,000*	76.2	235.7	20,000*	80
	90	69.9	235.1	20,000*	71.8	234.3	20,000*	73.7	232.1	20,000*	90
	100	67.3	231.1	20,000*	69.3	230.3	20,000*	71.1	228.1	20,000*	100
	110	64.8	226.6	20,000*	66.7	225.8	20,000*	68.5	223.5	20,000*	110
	120	62.1	221.6	20,000*	64.0	220.7	20,000*	65.8	218.4	20,000*	120
	130	59.4	215.9	17,400	61.3	215.0	18,100	63.1	212.6	18,800	130
	140	56.6	209.6	15,100	58.5	208.6	15,700	60.2	206.2	16,300	140
	150	53.8	202.5	13,000	55.6	201.6	13,600	57.3	199.0	14,200	150
	160	50.8	194.7	11,300	52.6	193.7	11,800	54.3	191.1	12,300	160
	170	47.6	186.0	9,800	49.5	184.9	10,300	51.1	182.2	10,700	170
	180	44.3	176.2	8,400	46.2	175.1	8,800				180
	190	40.9	165.2	7,200	42.6	164.0	7,600				190
	200	37.1	152.7	6,200							200
	210	32.9	138.2	5,200							210

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
200	45	81.2	257.3	20,000*							45
	50	80.1	256.4	20,000*							50
	55	78.9	255.5	20,000*	80.8	254.7	20,000*				55
	60	77.8	254.4	20,000*	79.7	253.6	20,000*				60
	65	76.6	253.3	20,000*	78.5	252.5	20,000*	80.3	250.4	20,000*	65
	70	75.4	252.0	20,000*	77.3	251.2	20,000*	79.2	249.1	20,000*	70
	75	74.3	250.6	20,000*	76.1	249.8	20,000*	78.0	247.7	20,000*	75
	80	73.1	249.1	20,000*	75.0	248.3	20,000*	76.8	246.2	20,000*	80
	90	70.7	245.8	20,000*	72.6	244.9	20,000*	74.4	242.8	20,000*	90
	100	68.3	242.0	20,000*	70.1	241.1	20,000*	71.9	238.9	20,000*	100
	110	65.8	237.7	20,000*	67.7	236.8	20,000*	69.4	234.6	20,000*	110
	120	63.3	232.9	19,600	65.2	232.0	20,000*	66.9	229.7	20,000*	120
	130	60.7	227.5	16,800	62.6	226.6	17,600	64.3	224.2	18,300	130
	140	58.1	221.5	14,500	59.9	220.6	15,200	61.6	218.1	15,800	140
	150	55.4	214.9	12,500	57.2	213.9	13,100	58.8	211.4	13,700	150
	160	52.6	207.5	10,700	54.4	206.5	11,300	56.0	203.9	11,800	160
	170	49.7	199.4	9,200	51.5	198.3	9,700	53.0	195.6	10,100	170
	180	46.6	190.3	7,800	48.4	189.2	8,300				180
	190	43.4	180.2	6,600	45.2	179.1	7,000				190
	200	40.0	168.8	5,600	41.7	167.6	5,900				200
	210	36.3	156.0	4,600							210
210	50	80.5	266.6	20,000*							50
	55	79.3	265.7	20,000*	81.2	264.9	20,000*				55
	60	78.2	264.7	20,000*	80.1	263.9	20,000*				60
	65	77.1	263.5	20,000*	78.9	262.7	20,000*	80.7	260.6	20,000*	65
	70	76.0	262.3	20,000*	77.8	261.5	20,000*	79.6	259.4	20,000*	70
	75	74.9	261.0	20,000*	76.7	260.2	20,000*	78.5	258.0	20,000*	75
	80	73.7	259.6	20,000*	75.5	258.7	20,000*	77.3	256.6	20,000*	80
	90	71.5	256.4	20,000*	73.3	255.5	20,000*	75.0	253.4	20,000*	90
	100	69.2	252.7	20,000*	70.9	251.9	20,000*	72.7	249.7	20,000*	100
	110	66.8	248.6	20,000*	68.6	247.8	20,000*	70.3	245.5	20,000*	110
	120	64.4	244.0	19,200	66.2	243.1	20,000*	67.8	240.9	20,000*	120
	130	62.0	238.9	16,400	63.7	238.0	17,300	65.4	235.7	18,000	130
	140	59.5	233.2	14,100	61.2	232.3	14,800	62.8	229.9	15,500	140
	150	56.9	226.9	12,100	58.6	226.0	12,800	60.2	223.5	13,400	150
	160	54.2	220.0	10,300	56.0	219.0	10,900	57.5	216.5	11,500	160
	170	51.5	212.4	8,800	53.2	211.3	9,400	54.7	208.7	9,800	170
	180	48.7	203.9	7,500	50.4	202.8	8,000	51.8	200.1	8,400	180
	190	45.7	194.5	6,300	47.4	193.4	6,700				190
	200	42.5	184.1	5,200	44.2	182.9	5,600				200
	210	39.2	172.4	4,200	40.8	171.2	4,600				210
220	50	80.8	276.7	20,000*							50
	55	79.7	275.9	20,000*							55
	60	78.7	274.9	20,000*	80.4	274.1	20,000*				60
	65	77.6	273.8	20,000*	79.3	273.0	20,000*	81.1	270.9	20,000*	65
	70	76.5	272.6	20,000*	78.3	271.8	20,000*	80.0	269.7	20,000*	70
	75	75.4	271.3	20,000*	77.2	270.5	20,000*	78.9	268.4	20,000*	75
	80	74.4	270.0	20,000*	76.1	269.1	20,000*	77.8	267.0	20,000*	80
	90	72.2	266.9	20,000*	73.9	266.1	20,000*	75.6	263.9	20,000*	90
	100	69.9	263.4	20,000*	71.7	262.6	20,000*	73.3	260.4	20,000*	100
	110	67.7	259.5	20,000*	69.4	258.6	20,000*	71.1	256.4	20,000*	110
	120	65.4	255.1	18,600	67.1	254.2	19,600	68.7	251.9	20,000*	120
	130	63.1	250.2	15,900	64.8	249.3	16,700	66.4	247.0	17,600	130
	140	60.7	244.8	13,500	62.4	243.9	14,300	64.0	241.5	15,000	140
	150	58.3	238.8	11,500	59.9	237.9	12,200	61.5	235.4	12,900	150
	160	55.7	232.3	9,800	57.4	231.3	10,400	58.9	228.8	11,000	160
	170	53.2	225.0	8,200	54.8	224.0	8,800	56.3	221.4	9,300	170
	180	50.5	217.1	6,900	52.1	216.1	7,400	53.6	213.3	7,900	180
	190	47.7	208.3	5,700	49.3	207.3	6,200	50.7	204.4	6,600	190
	200	44.8	198.7	4,600	46.4	197.5	5,000				200
	210				43.3	186.7	4,000				210



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
230	50	81.1	286.9	20,000*							50
	55	80.1	286.0	20,000*							55
	60	79.1	285.1	20,000*	80.8	284.3	20,000*				60
	65	78.0	284.0	20,000*	79.7	283.2	20,000*				65
	70	77.0	282.9	20,000*	78.7	282.1	20,000*	80.3	279.9	20,000*	70
	75	76.0	281.7	20,000*	77.6	280.9	20,000*	79.3	278.7	20,000*	75
	80	74.9	280.4	20,000*	76.6	279.5	20,000*	78.2	277.4	20,000*	80
	90	72.8	277.4	20,000*	74.5	276.6	20,000*	76.1	274.4	20,000*	90
	100	70.7	274.1	20,000*	72.3	273.2	20,000*	74.0	271.0	20,000*	100
	110	68.5	270.3	20,000*	70.2	269.4	20,000*	71.8	267.2	20,000*	110
	120	66.3	266.1	18,200	68.0	265.2	19,200	69.5	262.9	20,000*	120
	130	64.1	261.4	15,400	65.7	260.5	16,300	67.3	258.2	17,100	130
	140	61.8	256.2	13,000	63.5	255.3	13,900	65.0	252.9	14,600	140
	150	59.5	250.5	11,000	61.1	249.6	11,800	62.6	247.2	12,400	150
	160	57.1	244.3	9,300	58.7	243.3	9,900	60.2	240.8	10,600	160
	170	54.7	237.5	7,700	56.3	236.5	8,400	57.7	233.9	8,900	170
	180	52.1	230.0	6,400	53.7	228.9	6,900	55.2	226.3	7,400	180
	190	49.5	221.7	5,200	51.1	220.7	5,700	52.5	217.9	6,100	190
	200	46.8	212.7	4,100	48.4	211.6	4,600				200

REHEAT ONLY

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	35	80.2	177.9	10,000*							35
	40	78.5	176.9	10,000*							40
	45	76.8	175.8	10,000*	80.2	175.2	10,000*				45
	50	75.1	174.5	10,000*	78.4	173.9	10,000*				50
	55	73.4	173.1	10,000*	76.7	172.4	10,000*	80.1	170.5	10,000*	55
	60	71.7	171.5	10,000*	75.0	170.9	10,000*	78.3	168.9	10,000*	60
	65	69.9	169.8	10,000*	73.2	169.1	10,000*	76.5	167.1	10,000*	65
	70	68.1	167.8	10,000*	71.4	167.1	10,000*	74.7	165.1	10,000*	70
	75	66.3	165.7	10,000*	69.6	165.0	10,000*	72.9	162.9	10,000*	75
	80	64.5	163.4	10,000*	67.8	162.7	10,000*	71.0	160.6	10,000*	80
	90	60.8	158.2	10,000*	64.1	157.5	10,000*	67.2	155.3	10,000*	90
	100	56.9	152.1	10,000*	60.2	151.4	10,000*	63.3	149.1	10,000*	100
	110	52.9	145.1	10,000*	56.1	144.3	10,000*	59.2	141.9	10,000*	110
	120	48.6	136.8	10,000*	51.8	136.0	10,000*	54.8	133.4	10,000*	120
	130	44.0	127.2	10,000*	47.2	126.3	10,000*				130
	140	39.0	115.9	10,000*	42.2	114.9	10,000*				140
	150	33.4	102.1	10,000*							150
120	35	80.7	188.0	10,000*							35
	40	79.1	187.1	10,000*							40
	45	77.5	186.1	10,000*	80.7	185.4	10,000*				45
	50	75.9	184.9	10,000*	79.1	184.2	10,000*				50
	55	74.3	183.5	10,000*	77.5	182.9	10,000*	80.6	180.8	10,000*	55
	60	72.7	182.0	10,000*	75.8	181.3	10,000*	79.0	179.3	10,000*	60
	65	71.1	180.4	10,000*	74.2	179.7	10,000*	77.3	177.6	10,000*	65
	70	69.4	178.6	10,000*	72.5	177.9	10,000*	75.6	175.8	10,000*	70
	75	67.7	176.6	10,000*	70.8	175.9	10,000*	73.9	173.8	10,000*	75
	80	66.0	174.4	10,000*	69.1	173.7	10,000*	72.2	171.6	10,000*	80
	90	62.5	169.6	10,000*	65.6	168.8	10,000*	68.6	166.6	10,000*	90
	100	59.0	163.9	10,000*	62.0	163.2	10,000*	65.0	160.9	10,000*	100
	110	55.2	157.4	10,000*	58.3	156.6	10,000*	61.2	154.2	10,000*	110
	120	51.3	149.9	10,000*	54.4	149.1	10,000*	57.2	146.6	10,000*	120
	130	47.2	141.3	10,000*	50.2	140.4	10,000*	53.0	137.7	10,000*	130
	140	42.8	131.2	10,000*	45.7	130.2	10,000*				140
	150	37.9	119.3	10,000*	40.9	118.3	10,000*				150
	160	32.5	105.1	10,000*							160
130	40	79.7	197.3	10,000*							40
	45	78.2	196.3	10,000*							45
	50	76.7	195.2	10,000*	79.7	194.5	10,000*				50
	55	75.2	193.9	10,000*	78.1	193.2	10,000*	81.1	191.1	10,000*	55
	60	73.6	192.5	10,000*	76.6	191.8	10,000*	79.6	189.7	10,000*	60
	65	72.1	190.9	10,000*	75.0	190.2	10,000*	78.0	188.1	10,000*	65
	70	70.5	189.2	10,000*	73.5	188.5	10,000*	76.4	186.4	10,000*	70
	75	68.9	187.4	10,000*	71.9	186.6	10,000*	74.8	184.5	10,000*	75
	80	67.3	185.3	10,000*	70.3	184.6	10,000*	73.2	182.4	10,000*	80
	90	64.1	180.8	10,000*	67.0	180.0	10,000*	69.9	177.8	10,000*	90
	100	60.7	175.5	10,000*	63.6	174.8	10,000*	66.5	172.5	10,000*	100
	110	57.3	169.5	10,000*	60.2	168.7	10,000*	62.9	166.3	10,000*	110
	120	53.7	162.6	10,000*	56.5	161.7	10,000*	59.3	159.2	10,000*	120
	130	49.9	154.6	10,000*	52.7	153.8	10,000*	55.4	151.1	10,000*	130
	140	45.9	145.5	10,000*	48.7	144.6	10,000*	51.3	141.8	10,000*	140
	150	41.6	135.0	10,000*	44.4	134.0	10,000*				150
	160	36.9	122.7	10,000*							160
	170	31.6	107.9	10,000*							170

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

4100W SERIES 1

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	
140	40	80.2	207.4	10,000*							40
	45	78.8	206.5	10,000*							45
	50	77.3	205.4	10,000*	80.2	204.7	10,000*				50
	55	75.9	204.2	10,000*	78.7	203.5	10,000*				55
	60	74.4	202.9	10,000*	77.3	202.2	10,000*	80.1	200.1	10,000*	60
	65	73.0	201.4	10,000*	75.8	200.7	10,000*	78.6	198.6	10,000*	65
	70	71.5	199.8	10,000*	74.3	199.1	10,000*	77.1	196.9	10,000*	70
	75	70.0	198.0	10,000*	72.8	197.3	10,000*	75.6	195.1	10,000*	75
	80	68.5	196.1	10,000*	71.3	195.4	10,000*	74.1	193.2	10,000*	80
	90	65.4	191.9	10,000*	68.2	191.1	10,000*	71.0	188.9	10,000*	90
	100	62.3	186.9	10,000*	65.1	186.1	10,000*	67.8	183.8	10,000*	100
	110	59.1	181.3	10,000*	61.8	180.5	10,000*	64.5	178.1	10,000*	110
	120	55.7	174.8	10,000*	58.5	174.0	10,000*	61.1	171.5	10,000*	120
	130	52.2	167.5	10,000*	55.0	166.6	10,000*	57.5	164.0	10,000*	130
	140	48.6	159.2	10,000*	51.3	158.3	10,000*	53.8	155.5	10,000*	140
150	40	80.7	217.6	10,000*							40
	45	79.3	216.7	10,000*							45
	50	78.0	215.7	10,000*	80.7	215.0	10,000*				50
	55	76.6	214.5	10,000*	79.3	213.8	10,000*				55
	60	75.2	213.3	10,000*	77.9	212.5	10,000*	80.6	210.4	10,000*	60
	65	73.8	211.9	10,000*	76.5	211.1	10,000*	79.2	209.0	10,000*	65
	70	72.4	210.3	10,000*	75.1	209.6	10,000*	77.8	207.4	10,000*	70
	75	71.0	208.7	10,000*	73.7	207.9	10,000*	76.3	205.7	10,000*	75
	80	69.6	206.9	10,000*	72.2	206.1	10,000*	74.9	203.9	10,000*	80
	90	66.7	202.8	10,000*	69.3	202.1	10,000*	71.9	199.8	10,000*	90
	100	63.7	198.2	10,000*	66.4	197.4	10,000*	68.9	195.0	10,000*	100
	110	60.7	192.8	10,000*	63.3	192.0	10,000*	65.8	189.6	10,000*	110
	120	57.5	186.8	10,000*	60.2	186.0	10,000*	62.6	183.5	10,000*	120
	130	54.3	180.0	10,000*	56.9	179.2	10,000*	59.3	176.6	10,000*	130
	140	50.9	172.3	10,000*	53.5	171.4	10,000*	55.9	168.7	10,000*	140
160	40	81.1	227.7	10,000*							40
	45	79.8	226.9	10,000*							45
	50	78.5	225.9	10,000*							50
	55	77.2	224.8	10,000*	79.8	224.1	10,000*				55
	60	75.9	223.6	10,000*	78.4	222.9	10,000*	81.0	220.7	10,000*	60
	65	74.5	222.3	10,000*	77.1	221.5	10,000*	79.7	219.3	10,000*	65
	70	73.2	220.8	10,000*	75.8	220.1	10,000*	78.3	217.9	10,000*	70
	75	71.9	219.2	10,000*	74.4	218.5	10,000*	77.0	216.2	10,000*	75
	80	70.5	217.5	10,000*	73.1	216.8	10,000*	75.6	214.5	10,000*	80
	90	67.8	213.7	10,000*	70.3	212.9	10,000*	72.8	210.6	10,000*	90
	100	65.0	209.3	10,000*	67.5	208.5	10,000*	70.0	206.1	10,000*	100
	110	62.1	204.2	10,000*	64.6	203.4	10,000*	67.1	201.0	10,000*	110
	120	59.1	198.6	10,000*	61.7	197.8	10,000*	64.1	195.3	10,000*	120
	130	56.1	192.2	10,000*	58.6	191.4	10,000*	61.0	188.8	10,000*	130
	140	52.9	185.1	10,000*	55.4	184.2	10,000*	57.7	181.5	10,000*	140
180	150	49.7	177.0	10,000*	52.1	176.1	10,000*	54.4	173.3	10,000*	150
	160	46.2	167.9	10,000*	48.6	166.9	10,000*	50.8	164.0	10,000*	160
	170	42.5	157.7	10,000*	44.9	156.6	10,000*				170
	180	38.6	145.9	10,000*	41.0	144.8	10,000*				180
	190	34.2	132.3	8,900							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
170	45	80.2	237.0	10,000*							45
	50	79.0	236.1	10,000*							50
	55	77.7	235.1	10,000*	80.2	234.3	10,000*				55
	60	76.5	233.9	10,000*	79.0	233.2	10,000*				60
	65	75.2	232.6	10,000*	77.7	231.9	10,000*	80.2	229.7	10,000*	65
	70	73.9	231.2	10,000*	76.4	230.5	10,000*	78.9	228.3	10,000*	70
	75	72.7	229.7	10,000*	75.1	229.0	10,000*	77.6	226.7	10,000*	75
	80	71.4	228.1	10,000*	73.8	227.3	10,000*	76.3	225.1	10,000*	80
	90	68.8	224.4	10,000*	71.2	223.7	10,000*	73.6	221.4	10,000*	90
	100	66.1	220.3	10,000*	68.5	219.5	10,000*	70.9	217.1	10,000*	100
	110	63.4	215.5	10,000*	65.8	214.7	10,000*	68.1	212.3	10,000*	110
	120	60.6	210.2	10,000*	63.0	209.3	10,000*	65.3	206.9	10,000*	120
	130	57.7	204.2	10,000*	60.1	203.3	10,000*	62.4	200.8	10,000*	130
	140	54.8	197.5	10,000*	57.2	196.6	10,000*	59.4	193.9	10,000*	140
	150	51.7	190.0	10,000*	54.1	189.0	10,000*	56.3	186.3	10,000*	150
	160	48.5	181.6	10,000*	50.9	180.6	10,000*	53.0	177.7	10,000*	160
	170	45.1	172.1	10,000*	47.5	171.1	10,000*				170
	180	41.6	161.5	9,700	43.9	160.4	10,000*				180
	190	37.7	149.4	8,500							190
	200	33.5	135.3	7,400							200
180	45	80.6	247.2	10,000*							45
	50	79.5	246.3	10,000*							50
	55	78.3	245.3	10,000*	80.6	244.5	10,000*				55
	60	77.0	244.2	10,000*	79.4	243.4	10,000*				60
	65	75.8	243.0	10,000*	78.2	242.2	10,000*	80.6	240.0	10,000*	65
	70	74.6	241.6	10,000*	77.0	240.9	10,000*	79.3	238.6	10,000*	70
	75	73.4	240.2	10,000*	75.8	239.4	10,000*	78.1	237.2	10,000*	75
	80	72.2	238.6	10,000*	74.5	237.9	10,000*	76.8	235.6	10,000*	80
	90	69.7	235.1	10,000*	72.0	234.4	10,000*	74.3	232.0	10,000*	90
	100	67.1	231.2	10,000*	69.5	230.4	10,000*	71.8	228.0	10,000*	100
	110	64.6	226.7	10,000*	66.9	225.8	10,000*	69.1	223.4	10,000*	110
	120	61.9	221.6	10,000*	64.2	220.8	10,000*	66.5	218.3	10,000*	120
	130	59.2	215.9	10,000*	61.5	215.1	10,000*	63.7	212.5	10,000*	130
	140	56.4	209.6	10,000*	58.7	208.7	10,000*	60.9	206.1	10,000*	140
	150	53.6	202.6	10,000*	55.8	201.6	10,000*	57.9	198.9	10,000*	150
	160	50.6	194.7	10,000*	52.8	193.8	10,000*	54.9	190.9	10,000*	160
	170	47.4	186.0	10,000*	49.7	185.0	10,000*	51.7	182.0	10,000*	170
	180	44.1	176.2	9,100	46.4	175.2	9,600				180
	190	40.6	165.2	7,900	42.9	164.1	8,300				190
	200	36.9	152.7	6,800							200
	210	32.7	138.3	5,900							210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
190	45	81.0	257.3	10,000*							45
	50	79.9	256.5	10,000*							50
	55	78.7	255.5	10,000*	81.0	254.7	10,000*				55
	60	77.6	254.4	10,000*	79.8	253.7	10,000*				60
	65	76.4	253.3	10,000*	78.7	252.5	10,000*	81.0	250.2	10,000*	65
	70	75.2	252.0	10,000*	77.5	251.2	10,000*	79.8	248.9	10,000*	70
	75	74.1	250.6	10,000*	76.3	249.8	10,000*	78.6	247.5	10,000*	75
	80	72.9	249.1	10,000*	75.2	248.3	10,000*	77.4	246.0	10,000*	80
	90	70.5	245.8	10,000*	72.8	245.0	10,000*	75.0	242.7	10,000*	90
	100	68.1	242.0	10,000*	70.3	241.2	10,000*	72.5	238.8	10,000*	100
	110	65.6	237.7	10,000*	67.9	236.9	10,000*	70.0	234.4	10,000*	110
	120	63.1	232.9	10,000*	65.3	232.0	10,000*	67.5	229.6	10,000*	120
	130	60.6	227.5	10,000*	62.8	226.6	10,000*	64.9	224.1	10,000*	130
	140	57.9	221.5	10,000*	60.1	220.6	10,000*	62.2	218.0	10,000*	140
	150	55.2	214.9	10,000*	57.4	214.0	10,000*	59.4	211.3	10,000*	150
	160	52.4	207.5	10,000*	54.6	206.6	10,000*	56.6	203.8	10,000*	160
	170	49.5	199.4	10,000*	51.7	198.4	10,000*	53.6	195.5	10,000*	170
	180	46.4	190.3	8,600	48.6	189.3	9,100	50.5	186.2	9,600	180
	190	43.2	180.2	7,400	45.4	179.1	7,900				190
	200	39.8	168.9	6,300	41.9	167.7	6,700				200
200	210	36.1	156.0	5,400							210
	220	32.1	141.2	4,500							220
	50	80.3	266.6	10,000*							50
	55	79.2	265.7	10,000*							55
	60	78.0	264.7	10,000*	80.2	263.9	10,000*				60
	65	76.9	263.6	10,000*	79.1	262.8	10,000*				65
	70	75.8	262.3	10,000*	78.0	261.6	10,000*	80.2	259.3	10,000*	70
	75	74.7	261.0	10,000*	76.9	260.2	10,000*	79.0	257.9	10,000*	75
	80	73.6	259.6	10,000*	75.7	258.8	10,000*	77.9	256.5	10,000*	80
	90	71.3	256.4	10,000*	73.4	255.6	10,000*	75.6	253.2	10,000*	90
	100	69.0	252.7	10,000*	71.1	251.9	10,000*	73.2	249.5	10,000*	100
	110	66.6	248.6	10,000*	68.8	247.8	10,000*	70.9	245.4	10,000*	110
	120	64.2	244.0	10,000*	66.4	243.2	10,000*	68.4	240.7	10,000*	120
	130	61.8	238.9	10,000*	63.9	238.1	10,000*	66.0	235.5	10,000*	130
	140	59.3	233.2	10,000*	61.4	232.4	10,000*	63.4	229.8	10,000*	140
	150	56.7	227.0	10,000*	58.8	226.1	10,000*	60.8	223.4	10,000*	150
	160	54.1	220.0	10,000*	56.2	219.1	10,000*	58.1	216.3	10,000*	160
	170	51.3	212.4	9,400	53.4	211.4	10,000*	55.3	208.5	10,000*	170
	180	48.5	203.9	8,000	50.6	202.9	8,600	52.4	199.9	9,100	180
	190	45.5	194.5	6,800	47.6	193.5	7,300				190
	200	42.4	184.1	5,800	44.4	183.0	6,200				200
	210	39.0	172.4	4,800	41.0	171.2	5,200				210

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22A OR NO. 22C WITH OPEN THROAT TOP
122,400 LB. COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

4100W SERIES 1

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	
210	50	80.6	276.8	10,000*							50
	55	79.6	275.9	10,000*							55
	60	78.5	274.9	10,000*	80.6	274.1	10,000*				60
	65	77.4	273.8	10,000*	79.5	273.0	10,000*				65
	70	76.3	272.6	10,000*	78.4	271.9	10,000*	80.6	269.5	10,000*	70
	75	75.3	271.4	10,000*	77.4	270.6	10,000*	79.5	268.2	10,000*	75
	80	74.2	270.0	10,000*	76.3	269.2	10,000*	78.4	266.9	10,000*	80
	90	72.0	266.9	10,000*	74.1	266.1	10,000*	76.1	263.8	10,000*	90
	100	69.8	263.4	10,000*	71.9	262.6	10,000*	73.9	260.2	10,000*	100
	110	67.5	259.5	10,000*	69.6	258.7	10,000*	71.6	256.2	10,000*	110
	120	65.2	255.1	10,000*	67.3	254.3	10,000*	69.3	251.8	10,000*	120
	130	62.9	250.2	10,000*	65.0	249.4	10,000*	66.9	246.8	10,000*	130
	140	60.5	244.8	10,000*	62.6	243.9	10,000*	64.5	241.3	10,000*	140
	150	58.1	238.8	10,000*	60.1	238.0	10,000*	62.0	235.3	10,000*	150
	160	55.6	232.3	10,000*	57.6	231.4	10,000*	59.5	228.6	10,000*	160
	170	53.0	225.1	9,000	55.0	224.1	9,700	56.9	221.3	10,000*	170
	180	50.3	217.1	7,700	52.3	216.1	8,200	54.1	213.2	8,800	180
	190	47.5	208.4	6,500	49.5	207.3	7,000	51.3	204.2	7,400	190
	200	44.6	198.7	5,400	46.6	197.6	5,800				200
	210	41.5	187.9	4,400	43.5	186.8	4,800				210
220	50	81.0	286.9	10,000*							50
	55	79.9	286.0	10,000*							55
	60	78.9	285.1	10,000*	80.9	284.3	10,000*				60
	65	77.9	284.1	10,000*	79.9	283.3	10,000*				65
	70	76.8	282.9	10,000*	78.9	282.1	10,000*	80.9	279.8	10,000*	70
	75	75.8	281.7	10,000*	77.8	280.9	10,000*	79.8	278.6	10,000*	75
	80	74.7	280.4	10,000*	76.8	279.6	10,000*	78.8	277.2	10,000*	80
	90	72.6	277.4	10,000*	74.7	276.6	10,000*	76.7	274.2	10,000*	90
	100	70.5	274.1	10,000*	72.5	273.3	10,000*	74.5	270.8	10,000*	100
	110	68.3	270.3	10,000*	70.4	269.5	10,000*	72.3	267.0	10,000*	110
	120	66.2	266.1	10,000*	68.2	265.3	10,000*	70.1	262.8	10,000*	120
	130	63.9	261.4	10,000*	65.9	260.6	10,000*	67.8	258.0	10,000*	130
	140	61.6	256.2	10,000*	63.6	255.4	10,000*	65.5	252.8	10,000*	140
	150	59.3	250.6	10,000*	61.3	249.7	10,000*	63.2	247.0	10,000*	150
	160	56.9	244.3	10,000*	58.9	243.4	10,000*	60.7	240.7	10,000*	160
	170	54.5	237.5	8,400	56.5	236.5	9,100	58.3	233.7	9,700	170
	180	52.0	230.0	7,100	53.9	229.0	7,700	55.7	226.1	8,300	180
	190	49.3	221.7	5,900	51.3	220.7	6,400	53.0	217.7	6,900	190
	200	46.6	212.7	4,800	48.5	211.6	5,300	50.2	208.5	5,800	200
	210				45.7	201.6	4,300				210
230	55	80.3	296.2	10,000*							55
	60	79.3	295.3	10,000*							60
	65	78.3	294.3	10,000*	80.3	293.5	10,000*				65
	70	77.3	293.2	10,000*	79.3	292.4	10,000*				70
	75	76.3	292.0	10,000*	78.2	291.2	10,000*	80.2	288.8	10,000*	75
	80	75.3	290.7	10,000*	77.2	289.9	10,000*	79.2	287.6	10,000*	80
	90	73.3	287.9	10,000*	75.2	287.1	10,000*	77.1	284.7	10,000*	90
	100	71.2	284.7	10,000*	73.1	283.9	10,000*	75.1	281.4	10,000*	100
	110	69.1	281.0	10,000*	71.1	280.2	10,000*	73.0	277.8	10,000*	110
	120	67.0	277.0	10,000*	69.0	276.2	10,000*	70.8	273.7	10,000*	120
	130	64.9	272.5	10,000*	66.8	271.7	10,000*	68.7	269.1	10,000*	130
	140	62.7	267.6	10,000*	64.6	266.7	10,000*	66.5	264.1	10,000*	140
	150	60.5	262.1	10,000*	62.4	261.2	10,000*	64.2	258.6	10,000*	150
	160	58.2	256.2	9,500	60.1	255.3	10,000*	61.9	252.6	10,000*	160
	170	55.9	249.7	7,900	57.8	248.7	8,700	59.5	245.9	9,300	170
	180	53.5	242.6	6,600	55.4	241.6	7,200	57.1	238.7	7,800	180
	190	51.0	234.8	5,400	52.9	233.8	6,000	54.6	230.8	6,500	190
	200	48.4	226.3	4,300	50.3	225.2	4,800	52.0	222.2	5,300	200