

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

**JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6934-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. 190693, JIB ASSEMBLY NO. 43730 AND WIRE ROPE SPECIFICATION CHART NO. 6592-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 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., TWO 12,000 LB. SIDE CWTs. AND TWO 30,000 LB. CARBODY CWTs.

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 CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BM. LGTH.	JIB NO. 123	BM. LGTH.	JIB NO. 123
260'	---	260'	---
250'	---	250'	---
240'	40'	240'	40'
230'	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*	79.9	146.6	40,000*				30
	35	77.9	147.1	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	38,800*	75
	80	58.4	128.7	40,000*	60.3	128.1	40,000*	62.1	126.7	37,400*	80
	90	53.5	121.9	40,000*	55.4	121.3	40,000*	57.2	119.7	35,000*	90
120	100	48.4	113.6	40,000*	50.2	113.0	38,600*				100
	110	42.7	103.7	36,300	44.6	103.0	35,900*				110
	120	36.4	91.4	32,100							120
	35	78.7	157.3	40,000*	78.7	155.7	40,000*				35
	40	76.8	156.2	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	38,600*	80
	90	56.3	134.1	40,000*	58.1	133.5	40,000*	59.7	132.0	36,200*	90
	100	51.6	126.8	40,000*	53.4	126.1	40,000*	55.0	124.5	34,100*	100
	110	46.7	118.0	35,600	48.4	117.3	36,000				110
	120	41.2	107.5	31,400	43.0	106.8	31,700				120
	130	35.2	94.6	27,900							130

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	35	79.4	167.5	40,000*							35
	40	77.6	166.5	40,000*	79.4	166.0	40,000*	79.3	163.5	40,000*	40
	45	75.8	165.3	40,000*	77.6	164.8	40,000*	77.4	162.1	40,000*	45
	50	74.0	163.9	40,000*	75.7	163.4	40,000*	75.6	160.5	40,000*	50
	55	72.1	162.3	40,000*	73.9	161.8	40,000*	73.7	158.7	40,000*	55
	60	70.3	160.6	40,000*	72.0	160.1	40,000*	71.8	156.8	40,000*	60
	65	68.4	158.7	40,000*	70.1	158.1	40,000*	69.9	154.7	40,000*	65
	70	66.5	156.6	40,000*	68.2	156.0	40,000*	67.9	152.3	40,000*	70
	75	64.6	154.3	40,000*	66.3	153.7	40,000*	65.9	149.8	39,700*	75
	80	62.6	151.7	40,000*	64.3	151.2	40,000*	61.8	144.0	37,300*	80
	90	58.6	146.0	40,000*	60.3	145.5	40,000*	57.5	137.2	35,200*	90
	100	54.4	139.3	40,000*	56.0	138.7	40,000*	53.0	129.2	33,400*	100
	110	49.9	131.5	35,200	51.6	130.8	35,600				110
	120	45.1	122.2	31,000	46.7	121.5	31,300				120
140	130	39.9	111.2	27,400							130
	140	34.0	97.7	24,400							140
150	35	80.0	177.7	40,000*							35
	40	78.3	176.7	40,000*	80.0	176.2	40,000*	79.9	173.7	40,000*	40
	45	76.6	175.6	40,000*	78.3	175.1	40,000*	78.2	172.4	40,000*	45
	50	74.9	174.3	40,000*	76.6	173.8	40,000*	76.4	171.0	40,000*	50
	55	73.2	172.8	40,000*	74.9	172.3	40,000*	74.7	169.3	40,000*	55
	60	71.5	171.2	40,000*	73.1	170.7	40,000*	72.9	167.5	40,000*	60
	65	69.7	169.4	40,000*	71.3	168.9	40,000*	71.1	165.5	40,000*	65
	70	67.9	167.4	40,000*	69.6	166.9	40,000*	69.3	163.3	40,000*	70
	75	66.1	165.3	40,000*	67.8	164.7	40,000*	67.4	161.0	40,000*	75
	80	64.3	163.0	40,000*	65.9	162.4	40,000*	63.7	155.6	38,300*	80
	90	60.6	157.7	40,000*	62.2	157.1	40,000*	59.7	149.4	36,200*	90
	100	56.7	151.5	39,800	58.3	150.9	40,000*	55.6	142.1	34,300*	100
	110	52.6	144.3	34,600	54.2	143.7	35,000				110
	120	48.3	136.0	30,300	49.9	135.3	30,700				120
160	130	43.7	126.2	26,800	45.2	125.5	27,100				130
	140	38.7	114.7	23,800							140
	150	33.0	100.7	21,200							150
170	35	80.6	187.8	40,000*							35
	40	79.0	186.9	40,000*	80.5	186.4	40,000*	80.5	184.0	40,000*	40
	45	77.4	185.8	40,000*	78.9	185.3	40,000*	78.8	182.8	40,000*	45
	50	75.8	184.6	40,000*	77.3	184.1	40,000*	77.2	181.4	40,000*	50
	55	74.1	183.3	40,000*	75.7	182.7	40,000*	75.6	179.8	40,000*	55
	60	72.5	181.7	40,000*	74.1	181.2	40,000*	73.9	178.1	40,000*	60
	65	70.9	180.0	40,000*	72.4	179.5	40,000*	72.2	176.3	40,000*	65
	70	69.2	178.2	40,000*	70.7	177.7	40,000*	70.5	174.2	40,000*	70
	75	67.5	176.2	40,000*	69.1	175.6	40,000*	68.8	172.0	40,000*	75
	80	65.8	174.0	40,000*	67.3	173.5	40,000*	65.3	167.0	39,300*	80
	90	62.3	169.1	40,000*	63.9	168.5	40,000*	61.6	161.3	37,100*	90
	100	58.7	163.4	39,200	60.2	162.8	39,800	57.8	154.6	35,000	100
	110	55.0	156.8	34,000	56.5	156.2	34,500	53.8	146.8	30,600	110
	120	51.1	149.2	29,800	52.5	148.5	30,200				120
180	130	46.9	140.4	26,200	48.4	139.7	26,600				130
	140	42.4	130.2	23,200	43.9	129.4	23,500				140
	150	37.6	118.1	20,600							150
	160	32.0	103.6	18,400							160
190	40	79.5	197.1	40,000*	79.5	195.6	40,000*	79.4	193.1	40,000*	40
	45	78.0	196.1	40,000*	78.0	194.4	40,000*	77.9	191.8	40,000*	45
	50	76.5	194.9	40,000*	76.5	193.1	40,000*	76.3	190.3	40,000*	50
	55	75.0	193.6	40,000*	75.0	191.7	40,000*	74.8	188.7	40,000*	55
	60	73.4	192.2	40,000*	73.4	190.1	40,000*	73.2	187.0	40,000*	60
	65	71.9	190.6	40,000*	71.8	188.3	40,000*	71.6	185.0	40,000*	65
	70	70.3	188.9	40,000*	70.2	186.4	40,000*	70.0	183.0	40,000*	70
	75	68.7	187.0	40,000*	68.6	184.4	40,000*	66.7	178.3	40,000*	75
	80	67.1	184.9	40,000*	65.3	179.8	40,000*				80
	90	63.9	180.3	40,000*	62.0	174.4	39,200				90
	100	60.5	175.0	38,600	58.5	168.3	33,900				100
	110	57.0	168.9	33,400	54.8	161.2	29,600				110
	120	53.4	161.9	29,100	51.0	153.2	26,000				120
	130	49.6	153.8	25,600	47.0	143.9	22,900				130
200	140	45.6	144.6	22,600							140
	150	41.3	134.0	20,000							150
210	160	36.5	121.5	17,800							160

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	40	80.1	207.3	40,000*							40
	45	78.6	206.3	40,000*	80.0	205.8	40,000*				45
	50	77.2	205.2	40,000*	78.6	204.7	40,000*	80.0	203.3	40,000*	50
	55	75.7	204.0	40,000*	77.2	203.5	40,000*	78.5	202.1	40,000*	55
	60	74.3	202.6	40,000*	75.7	202.1	40,000*	77.0	200.7	40,000*	60
	65	72.8	201.1	40,000*	74.2	200.6	40,000*	75.6	199.2	40,000*	65
	70	71.3	199.5	40,000*	72.7	198.9	40,000*	74.1	197.6	40,000*	70
	75	69.8	197.7	40,000*	71.2	197.1	40,000*	72.6	195.7	40,000*	75
	80	68.3	195.8	40,000*	69.7	195.2	40,000*	71.0	193.8	40,000*	80
	90	65.2	191.4	40,000*	66.6	190.9	40,000*	67.9	189.4	40,000*	90
	100	62.1	186.4	38,200	63.5	185.8	38,900	64.7	184.3	38,900*	100
	110	58.9	180.7	33,000	60.2	180.1	33,600	61.5	178.5	34,100	110
	120	55.5	174.2	28,800	56.8	173.6	29,300	58.1	172.0	29,700	120
	130	52.0	166.8	25,200	53.3	166.1	25,600	54.5	164.4	26,000	130
	140	48.3	158.4	22,200	49.6	157.7	22,600				140
	150	44.4	148.7	19,600	45.7	148.0	19,900				150
	160	40.2	137.6	17,400							160
	170	35.6	124.7	15,400							170
180	40	80.5	217.4	40,000*							40
	45	79.2	216.5	40,000*	80.5	216.0	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	40,000*	70.7	205.9	40,000*	72.0	204.5	40,000*	80
	90	66.5	202.4	40,000*	67.8	201.8	40,000*	69.0	200.4	40,000*	90
	100	63.5	197.7	37,600	64.8	197.1	38,300	66.0	195.6	39,000	100
	110	60.5	192.3	32,400	61.8	191.7	33,000	63.0	190.2	33,600	110
	120	57.3	186.2	28,200	58.6	185.6	28,700	59.8	184.0	29,200	120
	130	54.1	179.3	24,600	55.3	178.7	25,100	56.5	177.0	25,500	130
	140	50.7	171.6	21,600	51.9	170.9	22,000	53.0	169.2	22,400	140
	150	47.1	162.8	19,000	48.3	162.0	19,400				150
	160	43.3	152.7	16,800	44.5	152.0	17,100				160
	170	39.2	141.2	14,800							170
	180	34.7	127.8	13,100							180
190	45	79.7	226.7	40,000*							45
	50	78.3	225.7	40,000*	79.6	225.2	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	40,000*	71.6	216.6	40,000*	72.8	215.2	40,000*	80
	90	67.6	213.3	40,000*	68.9	212.7	40,000*	70.0	211.3	40,000*	90
	100	64.8	208.8	37,100	66.0	208.2	37,800	67.2	206.8	38,500	100
	110	61.9	203.7	31,900	63.2	203.2	32,500	64.3	201.6	33,100	110
	120	59.0	198.0	27,600	60.2	197.4	28,200	61.3	195.8	28,700	120
	130	55.9	191.6	24,100	57.1	190.9	24,600	58.2	189.3	25,000	130
	140	52.7	184.3	21,000	54.0	183.7	21,500	55.0	182.0	21,900	140
	150	49.4	176.2	18,500	50.6	175.5	18,800				150
	160	46.0	167.0	16,200	47.1	166.3	16,500				160
	170	42.3	156.6	14,200	43.4	155.8	14,500				170
	180	38.3	144.7	12,500							180
	190	33.9	130.9	11,000							190

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	
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*		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*		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	40,000*			72.4	227.2	40,000*		80
	90	68.6	224.1	40,000*	69.8	223.5	40,000*	71.0	222.1	40,000*	90
	100	65.9	219.8	36,500	67.1	219.3	37,200	68.3	217.8	38,000	100
	110	63.2	215.0	31,300	64.4	214.4	32,000	65.5	212.9	32,600	110
	120	60.4	209.6	27,000	61.6	209.0	27,600	62.7	207.5	28,200	120
	130	57.6	203.6	23,500	58.7	202.9	24,000	59.8	201.3	24,500	130
	140	54.6	196.8	20,400	55.8	196.1	20,900	56.8	194.5	21,300	140
	150	51.5	189.2	17,800	52.7	188.5	18,300	53.7	186.8	18,600	150
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*		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	40,000*	73.2	237.8	40,000*	74.3	236.3	40,000*	80
	90	69.5	234.8	40,000*	70.7	234.2	40,000*	71.8	232.8	40,000*	90
	100	67.0	230.8	36,100	68.1	230.2	36,900	69.2	228.7	37,600	100
	110	64.4	226.2	30,900	65.6	225.6	31,600	66.6	224.1	32,200	110
	120	61.8	221.1	26,600	62.9	220.5	27,200	63.9	218.9	27,800	120
	130	59.0	215.3	23,100	60.2	214.7	23,600	61.2	213.1	24,100	130
	140	56.3	209.0	20,000	57.4	208.3	20,500	58.4	206.7	21,000	140
	150	53.4	201.9	17,400	54.5	201.2	17,900	55.5	199.5	18,300	150
220	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*		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	40,000*	73.2	237.8	40,000*	74.3	236.3	40,000*	80
	90	69.5	234.8	40,000*	70.7	234.2	40,000*	71.8	232.8	40,000*	90
	100	67.0	230.8	36,100	68.1	230.2	36,900	69.2	228.7	37,600	100
	110	64.4	226.2	30,900	65.6	225.6	31,600	66.6	224.1	32,200	110
	120	61.8	221.1	26,600	62.9	220.5	27,200	63.9	218.9	27,800	120
	130	59.0	215.3	23,100	60.2	214.7	23,600	61.2	213.1	24,100	130
	140	56.3	209.0	20,000	57.4	208.3	20,500	58.4	206.7	21,000	140
	150	53.4	201.9	17,400	54.5	201.2	17,900	55.5	199.5	18,300	150

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	
230	50	80.1	266.4	40,000*							50
	55	79.0	265.5	40,000*	80.1	265.0	40,000*				55
	60	77.9	264.5	40,000*	79.0	263.9	40,000*	80.1	262.5	40,000*	60
	65	76.8	263.3	40,000*	77.9	262.8	40,000*	79.0	261.4	40,000*	65
	70	75.7	262.1	40,000*	76.8	261.5	40,000*	77.8	260.1	40,000*	70
	75	74.6	260.7	40,000*	75.6	260.2	40,000*	76.7	258.8	40,000*	75
	80	73.4	259.3	40,000*	74.5	258.7	40,000*	75.6	257.3	40,000*	80
	90	71.1	256.1	40,000*	72.2	255.5	40,000*	73.2	254.0	40,000*	90
	100	68.8	252.4	35,000	69.9	251.8	35,800	70.9	250.3	36,700	100
	110	66.5	248.2	29,800	67.5	247.6	30,500	68.5	246.1	31,300	110
	120	64.1	243.6	25,500	65.1	243.0	26,200	66.1	241.5	26,800	120
	130	61.6	238.4	21,900	62.7	237.8	22,500	63.6	236.2	23,100	130
	140	59.1	232.7	18,900	60.2	232.0	19,500	61.1	230.5	20,000	140
	150	56.5	226.3	16,300	57.6	225.7	16,800	58.5	224.1	17,200	150
	160	53.9	219.3	14,100	54.9	218.7	14,500	55.8	217.0	14,900	160
	170	51.1	211.6	12,100	52.2	210.9	12,500	53.1	209.2	12,800	170
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	40,000*	76.2	270.6	40,000*	77.2	269.1	40,000*	75
	80	74.1	269.7	40,000*	75.1	269.2	40,000*	76.1	267.7	40,000*	80
	90	71.9	266.6	40,000*	72.9	266.0	40,000*	73.9	264.6	40,000*	90
	100	69.6	263.1	34,400	70.7	262.5	35,400	71.6	261.0	36,200	100
	110	67.4	259.1	29,200	68.4	258.5	30,000	69.4	257.0	30,800	110
	120	65.1	254.7	25,000	66.1	254.1	25,700	67.1	252.6	26,300	120
	130	62.8	249.7	21,400	63.8	249.1	22,000	64.7	247.6	22,600	130
	140	60.4	244.3	18,400	61.4	243.7	18,900	62.3	242.1	19,500	140
	150	57.9	238.2	15,800	58.9	237.6	16,300	59.8	236.0	16,700	150
	160	55.4	231.6	13,500	56.4	231.0	14,000	57.3	229.3	14,400	160
	170	52.8	224.3	11,500	53.8	223.7	11,900	54.7	221.9	12,300	170
	180	50.1	216.3	9,800	51.1	215.6	10,200				180
	190	47.3	207.5	8,200	48.3	206.8	8,600				190
	200	44.4	197.7	6,600*	45.4	197.0	7,000*				200
	210	41.3	186.9	5,100*	42.3	186.1	5,400*				210



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	35	78.9	157.3	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	29,200*	80
	90	56.5	134.1	30,000*	58.9	133.4	30,000*	61.1	131.5	27,200*	90
	100	51.9	126.7	30,000*	54.2	125.9	30,000*	56.3	123.9	25,600*	100
	110	46.9	118.0	30,000*	49.2	117.1	28,000*				110
	120	41.5	107.5	29,600*	43.7	106.5	26,200*				120
	130	35.4	94.6	27,300*							130
120	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*				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	28,000*	90
	100	54.6	139.3	30,000*	56.8	138.5	30,000*	58.8	136.5	26,400*	100
	110	50.1	131.4	30,000*	52.3	130.6	29,300*	54.3	128.5	24,900*	110
	120	45.3	122.2	30,000*	47.5	121.3	27,400*				120
	130	40.1	111.1	28,200	42.2	110.1	25,800*				130
	140	34.2	97.7	25,200							140
130	35	80.2	177.7	30,000*							35
	40	78.5	176.7	30,000*							40
	45	76.8	175.6	30,000*	79.0	174.9	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	28,800*	90
	100	56.9	151.5	30,000*	59.0	150.7	30,000*	61.0	148.7	27,100*	100
	110	52.8	144.3	30,000*	54.9	143.5	30,000*	56.8	141.4	25,700*	110
	120	48.5	136.0	30,000*	50.6	135.1	28,600*	52.4	132.9	24,400*	120
	130	43.9	126.2	27,800	45.9	125.3	26,900*				130
	140	38.9	114.7	24,800							140
	150	33.2	100.7	22,200							150
140	40	79.2	186.9	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	29,600*	90
	100	58.9	163.4	30,000*	60.9	162.6	30,000*	62.8	160.6	27,900*	100
	110	55.2	156.8	30,000*	57.2	155.9	30,000*	59.0	153.9	26,400*	110
	120	51.3	149.1	30,000*	53.2	148.3	29,700*	55.0	146.2	25,100*	120
	130	47.1	140.4	27,100	49.0	139.4	27,600				130
	140	42.6	130.1	24,100	44.5	129.2	24,500				140
	150	37.8	118.1	21,500							150
	160	32.2	103.6	19,300							160

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	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*				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	30,000*	62.6	174.2	30,000*	64.4	172.3	28,600*	100
	110	57.2	168.8	30,000*	59.1	168.0	30,000*	60.9	166.0	27,100*	110
	120	53.6	161.8	30,000*	55.5	161.0	30,000*	57.2	158.9	25,800*	120
	130	49.8	153.8	26,600	51.7	152.9	27,100	53.3	150.7	24,600*	130
	140	45.8	144.6	23,600	47.6	143.7	24,000				140
	150	41.5	133.9	21,000	43.2	132.9	21,300				150
	160	36.7	121.4	18,700							160
160	40	80.2	207.3	30,000*							40
	45	78.8	206.3	30,000*							45
	50	77.4	205.2	30,000*	79.2	204.5	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	30,000*	64.1	185.6	30,000*	65.8	183.7	29,200*	100
	110	59.0	180.7	30,000*	60.8	179.9	30,000*	62.5	177.9	27,700*	110
	120	55.7	174.2	29,500	57.5	173.3	30,000*	59.1	171.3	26,400*	120
	130	52.2	166.8	25,900	53.9	165.9	26,500	55.5	163.7	25,300*	130
	140	48.5	158.3	22,900	50.2	157.4	23,400				140
	150	44.6	148.7	20,300	46.3	147.7	20,700				150
	160	40.4	137.6	18,100	42.1	136.6	18,400				160
	170	35.8	124.7	16,100							170
170	45	79.3	216.5	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	30,000*	65.4	196.9	30,000*	67.1	195.0	29,900*	100
	110	60.6	192.3	30,000*	62.4	191.5	30,000*	64.0	189.5	28,400*	110
	120	57.5	186.2	29,100	59.2	185.4	29,800	60.8	183.3	27,000*	120
	130	54.2	179.3	25,600	55.9	178.5	26,100	57.5	176.3	25,900*	130
	140	50.8	171.5	22,500	52.5	170.6	23,000	54.0	168.4	23,500	140
	150	47.3	162.7	20,000	48.9	161.8	20,400				150
	160	43.5	152.7	17,700	45.1	151.7	18,100				160
	170	39.4	141.2	15,700							170
	180	34.9	127.8	14,000							180



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	
180	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	30,000*	66.6	208.0	30,000*	68.2	206.1	30,000*	100
	110	62.1	203.7	30,000*	63.7	202.9	30,000*	65.3	201.0	28,900*	110
	120	59.1	198.0	28,500	60.8	197.2	29,200	62.3	195.2	27,600*	120
	130	56.1	191.6	25,000	57.7	190.7	25,600	59.2	188.6	26,100	130
	140	52.9	184.3	21,900	54.5	183.4	22,500	55.9	181.3	23,000	140
	150	49.6	176.2	19,300	51.2	175.3	19,800	52.6	173.0	20,200	150
	160	46.1	167.0	17,100	47.7	166.0	17,500				160
	170	42.4	156.6	15,100	44.0	155.6	15,500				170
	180	38.4	144.7	13,400							180
	190	34.1	130.9	11,800							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*				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	30,000*	67.7	219.1	30,000*	69.2	217.1	30,000*	100
	110	63.4	215.0	30,000*	65.0	214.2	30,000*	66.4	212.3	29,500*	110
	120	60.6	209.6	28,000	62.2	208.8	28,700	63.6	206.8	28,200*	120
	130	57.7	203.6	24,400	59.3	202.7	25,100	60.7	200.6	25,700	130
	140	54.7	196.8	21,400	56.3	195.9	22,000	57.7	193.8	22,500	140
	150	51.7	189.2	18,800	53.2	188.3	19,300	54.6	186.0	19,800	150
	160	48.4	180.7	16,500	50.0	179.8	17,000				160
	170	45.1	171.2	14,600	46.6	170.2	15,000				170
	180	41.5	160.4	12,800	42.9	159.3	13,200				180
	190	37.6	148.1	11,300							190
	200	33.3	133.9	9,900							200
200	45	80.7	247.0	30,000*							45
	50	79.5	246.1	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	30,000*	68.7	230.0	30,000*	70.1	228.1	30,000*	100
	110	64.6	226.2	30,000*	66.1	225.4	30,000*	67.5	223.4	30,000*	110
	120	61.9	221.1	27,400	63.4	220.3	28,100	64.8	218.2	28,700*	120
	130	59.2	215.3	23,800	60.7	214.5	24,500	62.1	212.4	25,100	130
	140	56.4	208.9	20,800	57.9	208.1	21,400	59.2	206.0	22,000	140
	150	53.5	201.8	18,200	55.0	201.0	18,700	56.3	198.7	19,200	150
	160	50.5	193.9	15,900	52.0	193.0	16,400	53.3	190.7	16,800	160
	170	47.4	185.1	13,900	48.8	184.1	14,400				170
	180	44.1	175.2	12,200	45.5	174.2	12,600				180
	190	40.5	164.1	10,600							190
	200	36.7	151.4	9,300							200
	210	32.6	136.8	8,000							210

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	
210	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	30,000*	69.6	240.8	30,000*	71.0	238.9	30,000*	100
	110	65.6	237.2	30,000*	67.1	236.5	30,000*	68.5	234.5	30,000*	110
	120	63.1	232.4	27,000	64.6	231.6	27,800	65.9	229.6	28,500	120
	130	60.5	226.9	23,400	62.0	226.1	24,100	63.3	224.1	24,800	130
	140	57.9	220.9	20,400	59.3	220.0	21,000	60.6	217.9	21,600	140
	150	55.2	214.2	17,800	56.6	213.3	18,300	57.9	211.1	18,900	150
	160	52.4	206.8	15,500	53.8	205.9	16,000	55.0	203.6	16,500	160
	170	49.4	198.5	13,500	50.8	197.6	14,000				170
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*	79.8	260.7	30,000*	65
	70	75.8	262.1	30,000*	77.3	261.3	30,000*	78.7	259.5	30,000*	70
	75	74.7	260.7	30,000*	76.1	260.0	30,000*	77.5	258.1	30,000*	75
	80	73.6	259.3	30,000*	75.0	258.5	30,000*	76.4	256.7	30,000*	80
	90	71.3	256.0	30,000*	72.7	255.3	30,000*	74.1	253.4	30,000*	90
	100	69.0	252.4	30,000*	70.4	251.6	30,000*	71.7	249.7	30,000*	100
	110	66.6	248.2	30,000*	68.0	247.4	30,000*	69.4	245.5	30,000*	110
	120	64.2	243.6	26,400	65.6	242.8	27,200	66.9	240.8	28,000	120
	130	61.8	238.4	22,800	63.2	237.6	23,600	64.4	235.5	24,300	130
	140	59.3	232.7	19,800	60.6	231.8	20,500	61.9	229.7	21,100	140
	150	56.7	226.3	17,200	58.1	225.5	17,800	59.3	223.3	18,400	150
	160	54.0	219.3	14,900	55.4	218.4	15,500	56.6	216.2	16,000	160
	170	51.3	211.6	12,900	52.6	210.7	13,400	53.8	208.4	13,900	170
230	50	80.6	276.6	30,000*							50
	55	79.6	275.7	30,000*							55
	60	78.5	274.7	30,000*	79.9	273.9	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	30,000*	71.1	262.3	30,000*	72.4	260.4	30,000*	100
	110	67.5	259.1	30,000*	68.9	258.3	30,000*	70.2	256.4	30,000*	110
	120	65.2	254.6	25,800	66.6	253.8	26,700	67.8	251.9	27,600	120
	130	62.9	249.7	22,300	64.2	248.9	23,100	65.5	246.9	23,800	130
	140	60.5	244.3	19,200	61.8	243.4	20,000	63.1	241.3	20,600	140
	150	58.1	238.2	16,600	59.4	237.4	17,300	60.6	235.3	17,900	150
	160	55.5	231.6	14,400	56.9	230.7	15,000	58.0	228.5	15,500	160
	170	52.9	224.3	12,400	54.3	223.4	12,900	55.4	221.1	13,400	170
240	50	80.3	286.8	30,000*							50
	55	79.2	285.9	30,000*							55
	60	78.1	284.9	30,000*	79.9	284.1	30,000*				60
	65	77.0	283.8	30,000*	78.8	283.0	30,000*	80.2	281.2	30,000*	65
	70	75.9	282.7	30,000*	77.7	281.9	30,000*	79.1	280.0	30,000*	70
	75	74.8	281.6	30,000*	76.6	280.8	30,000*	78.0	278.9	30,000*	75
250	50	80.6	297.0	30,000*							50
	55	79.6	296.1	30,000*							55
	60	78.5	295.1	30,000*	79.9	294.3	30,000*				60
	65	77.4	294.0	30,000*	78.8	293.2	30,000*	80.2	291.4	30,000*	65
	70	76.4	292.9	30,000*	77.7	292.1	30,000*	79.1	290.2	30,000*	70
	75	75.3	291.8	30,000*	76.6	291.0	30,000*	78.0	289.3	30,000*	75
260	50	80.3	307.2	30,000*							50
	55	79.2	306.3	30,000*							55
	60	78.1	305.3	30,000*	79.9	304.5	30,000*				60
	65	77.0	304.2	30,000*	78.8	303.4	30,000*	80.2	301.6	30,000*	65
	70	75.9	303.1	30,000*	77.7	302.3	30,000*	79.1	300.4	30,000*	70
	75	74.8	302.0	30,000*	76.6	301.2	30,000*	78.0	299.5	30,000*	75

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	
240	55	79.9	285.8	30,000*	80.3	284.1	30,000*				55
	60	78.9	284.9	30,000*	79.2	283.1	30,000*	80.5	281.2	30,000*	60
	65	77.9	283.8	30,000*	78.2	281.9	30,000*	79.5	280.1	30,000*	65
	70	76.8	282.7	30,000*	77.1	280.7	30,000*	78.4	278.8	30,000*	70
	75	75.8	281.4	30,000*	76.1	279.3	30,000*	77.4	277.5	30,000*	75
	80	74.8	280.1	30,000*	74.0	276.3	30,000*	75.3	274.4	30,000*	80
	90	72.6	277.1	30,000*	71.8	272.9	30,000*	73.1	271.0	30,000*	90
	100	70.5	273.7	30,000*	69.7	269.1	30,000*	70.9	267.2	30,000*	100
	110	68.4	269.9	29,600	67.5	264.9	26,200	68.7	262.9	27,100	110
	120	66.2	265.6	25,300	65.2	260.1	22,600	66.4	258.1	23,300	120
	130	63.9	260.9	21,700	62.9	254.9	19,400	64.1	252.8	20,100	130
	140	61.6	255.7	18,700	60.6	249.1	16,800	61.8	247.0	17,400	140
	150	59.3	250.0	16,100	58.2	242.8	14,400	59.4	240.6	15,000	150
	160	56.9	243.7	13,800	55.7	235.9	12,400	56.9	233.6	12,900	160
	170	54.5	236.8	11,800	53.2	228.3	10,600	54.3	226.0	11,000	170
	180	51.9	229.2	10,100	50.5	219.9	9,000				180
	190	49.3	220.9	8,500	47.8	210.8	7,600*				190
	200	46.6	211.8	7,000*	44.9	200.7	5,900*				200
	210	43.7	201.7	5,400*							210
	220	40.7	190.6	4,000*							220

REHEAT ONLY

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED**

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*							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*				120
130	40.6	112.3	20,000*	43.3	111.2	20,000*				130	
140	34.8	99.1	20,000*							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	19,500*	120
130	44.3	127.2	20,000*	46.9	126.2	20,000*				130	
140	39.3	115.9	20,000*	41.9	114.7	20,000*				140	
150	33.7	102.1	20,000*							150	
130	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	19,100*	130
140	43.0	131.2	20,000*	45.4	130.1	20,000*				140	
150	38.2	119.3	20,000*							150	
160	32.7	105.1	20,000*							160	
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	20,000*	52.5	153.7	20,000*	54.6	151.2	19,700*	130
140	46.1	145.5	20,000*	48.5	144.5	20,000*				140	
150	41.8	135.0	20,000*	44.1	133.9	20,000*				150	
160	37.1	122.7	19,500							160	
170	31.8	107.9	17,600							170	



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	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	20,000*	54.7	166.6	20,000*	56.7	164.1	20,000*	130
	140	48.8	159.2	20,000*	51.0	158.2	20,000*	53.0	155.6	19,300*	140
	150	44.9	149.7	20,000*	47.1	148.6	20,000*				150
	160	40.7	138.7	19,000	42.9	137.6	19,400				160
	170	36.2	126.0	17,000							170
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*				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	20,000*	56.7	179.1	20,000*	58.6	176.7	20,000*	130
	140	51.1	172.3	20,000*	53.2	171.3	20,000*	55.2	168.8	19,800*	140
	150	47.6	163.6	20,000*	49.7	162.6	20,000*				150
	160	43.8	153.7	18,300	45.9	152.6	18,800				160
	170	39.7	142.4	16,400	41.8	141.2	16,700				170
	180	35.3	129.1	14,600							180
170	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	20,000*	58.4	191.3	20,000*	60.3	188.9	20,000*	130
	140	53.2	185.0	20,000*	55.2	184.1	20,000*	57.1	181.6	20,000*	140
	150	49.9	177.0	20,000*	51.9	176.0	20,000*	53.7	173.4	19,500*	150
	160	46.4	167.9	17,900	48.4	166.9	18,400				160
	170	42.7	157.6	16,000	44.7	156.5	16,400				170
	180	38.8	145.9	14,200							180
	190	34.4	132.3	12,700							190

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

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	45	80.5	237.0	20,000*							45
	50	79.2	236.1	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	20,000*	59.9	203.2	20,000*	61.7	200.9	20,000*	130
	140	55.0	197.4	20,000*	57.0	196.5	20,000*	58.7	194.0	20,000*	140
	150	51.9	189.9	19,600	53.9	189.0	20,000*	55.6	186.4	19,900*	150
	160	48.7	181.5	17,300	50.6	180.5	17,900	52.3	177.8	18,300	160
	170	45.3	172.1	15,300	47.3	171.0	15,800				170
	180	41.8	161.5	13,600	43.6	160.3	14,000				180
	190	37.9	149.3	12,100							190
	200	33.7	135.3	10,700							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*				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	20,000*	61.3	215.0	20,000*	63.1	212.6	20,000*	130
	140	56.6	209.6	20,000*	58.5	208.6	20,000*	60.2	206.2	20,000*	140
	150	53.8	202.5	19,000	55.6	201.6	19,700	57.3	199.0	20,000*	150
	160	50.8	194.7	16,800	52.6	193.7	17,300	54.3	191.1	17,900	160
	170	47.6	186.0	14,800	49.5	184.9	15,300				170
	180	44.3	176.2	13,000	46.2	175.1	13,500				180
	190	40.9	165.2	11,500	42.6	164.0	11,900				190
	200	37.1	152.7	10,100							200
	210	32.9	138.2	8,900							210
200	50	80.1	256.4	20,000*	80.8	254.7	20,000*				50
	55	78.9	255.5	20,000*	79.7	253.6	20,000*				55
	60	77.8	254.4	20,000*	78.5	252.5	20,000*	80.3	250.4	20,000*	60
	65	76.6	253.3	20,000*	77.3	251.2	20,000*	79.2	249.1	20,000*	65
	70	75.4	252.0	20,000*	76.1	249.8	20,000*	78.0	247.7	20,000*	70
	75	74.3	250.6	20,000*	75.0	248.3	20,000*	76.8	246.2	20,000*	75
	80	73.1	249.1	20,000*	72.6	244.9	20,000*	74.4	242.8	20,000*	80
	90	70.7	245.8	20,000*	70.1	241.1	20,000*	71.9	238.9	20,000*	90
	100	68.3	242.0	20,000*	67.7	236.8	20,000*	69.4	234.6	20,000*	100
	110	65.8	237.7	20,000*	65.2	232.0	20,000*	66.9	229.7	20,000*	110
	120	63.3	232.9	20,000*	62.6	226.6	20,000*	64.3	224.2	20,000*	120
	130	60.7	227.5	20,000*	59.9	220.6	20,000*	61.6	218.1	20,000*	130
	140	58.1	221.5	20,000*	57.2	213.9	19,100	58.8	211.4	19,700	140
	150	55.4	214.9	18,400	54.4	206.5	16,800	56.0	203.9	17,300	150
	160	52.6	207.5	16,100	51.5	198.3	14,700	53.0	195.6	15,200	160
	170	49.7	199.4	14,200	48.4	189.2	12,900				170
	180	46.6	190.3	12,400	45.2	179.1	11,300				180
	190	43.4	180.2	10,900	41.7	167.6	9,900				190
	200	40.0	168.8	9,500							200
	210	36.3	156.0	8,200							210
	220	32.3	141.1	7,100							220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

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	
210	50	80.5	266.6	20,000*							50
	55	79.3	265.7	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	20,000*	66.2	243.1	20,000*	67.8	240.9	20,000*	120
	130	62.0	238.9	20,000*	63.7	238.0	20,000*	65.4	235.7	20,000*	130
	140	59.5	233.2	20,000*	61.2	232.3	20,000*	62.8	229.9	20,000*	140
	150	56.9	226.9	18,000	58.6	226.0	18,700	60.2	223.5	19,400	150
	160	54.2	220.0	15,700	56.0	219.0	16,400	57.5	216.5	17,000	160
	170	51.5	212.4	13,800	53.2	211.3	14,300	54.7	208.7	14,900	170
	180	48.7	203.9	12,000	50.4	202.8	12,500	51.8	200.1	13,000	180
	190	45.7	194.5	10,500	47.4	193.4	10,900				190
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*				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	20,000*	67.1	254.2	20,000*	68.7	251.9	20,000*	120
	130	63.1	250.2	20,000*	64.8	249.3	20,000*	66.4	247.0	20,000*	130
	140	60.7	244.8	20,000*	62.4	243.9	20,000*	64.0	241.5	20,000*	140
	150	58.3	238.8	17,400	59.9	237.9	18,200	61.5	235.4	18,900	150
	160	55.7	232.3	15,100	57.4	231.3	15,800	58.9	228.8	16,500	160
	170	53.2	225.0	13,200	54.8	224.0	13,800	56.3	221.4	14,400	170
	180	50.5	217.1	11,400	52.1	216.1	12,000	53.6	213.3	12,500	180
	190	47.7	208.3	9,900	49.3	207.3	10,400				190
230	50	80.1	286.0	20,000*	80.8	284.3	20,000*				55
	55	79.1	285.1	20,000*	79.7	283.2	20,000*				60
	60	78.0	284.0	20,000*	78.7	282.1	20,000*	80.3	279.9	20,000*	65
	65	77.0	282.9	20,000*	77.6	280.9	20,000*	79.3	278.7	20,000*	70
	70	76.0	281.7	20,000*	76.6	279.5	20,000*	78.2	277.4	20,000*	75
	75	74.9	280.4	20,000*	75.5	278.2	20,000*	77.1	276.1	20,000*	80
	80	73.7	278.9	20,000*	74.4	276.9	20,000*	76.0	274.9	20,000*	85
	90	71.5	275.4	20,000*	72.2	273.2	20,000*	74.0	271.0	20,000*	90
	100	69.2	270.3	20,000*	70.0	269.0	20,000*	71.8	267.2	20,000*	100
	110	66.8	265.1	20,000*	67.7	265.2	20,000*	69.5	262.9	20,000*	110
	120	64.4	260.0	20,000*	65.3	260.5	20,000*	67.3	258.2	20,000*	120
	130	62.0	254.8	19,400	63.0	255.3	20,000*	65.0	252.9	20,000*	130
	140	59.5	250.5	16,800	60.5	249.6	17,600	62.6	247.2	18,400	140
	150	57.1	244.3	14,600	58.1	243.3	15,300	60.2	240.8	16,000	150
	160	54.7	237.5	12,600	55.7	236.5	13,300	57.7	233.9	13,900	160
	170	52.1	230.0	10,900	53.1	228.9	11,500	55.2	226.3	12,000	170
	180	49.5	221.7	9,300	50.5	220.7	9,800	52.5	217.9	10,300	180
	190	46.8	212.7	7,900	47.8	211.6	8,400				190
	200	43.9	202.7	6,500*	45.0	201.6	7,100*				200
	210	40.9	191.7	5,100*	42.5	190.4	5,600*				210
	220										220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY 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	
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
120	140	39.0	115.9	10,000*	42.2	114.9	10,000*				140
	150	33.4	102.1	10,000*							150
	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	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
	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*				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
140	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

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY 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	44.7	149.7	10,000*	47.4	148.7	10,000*				150
	160	40.5	138.8	10,000*	43.2	137.7	10,000*				160
	170	35.9	126.0	10,000*							170
	180	30.8	110.7	10,000*							180
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
	150	47.3	163.6	10,000*	49.9	162.7	10,000*	52.2	159.8	10,000*	150
	160	43.6	153.7	10,000*	46.1	152.7	10,000*				160
	170	39.5	142.4	10,000*	42.0	141.3	10,000*				170
	180	35.0	129.2	10,000*							180
160	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
	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	10,000*							190

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY 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	
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
180	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	10,000*	43.9	160.4	10,000*				180
	190	37.7	149.4	10,000*							190
	200	33.5	135.3	10,000*							200
	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
190	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	10,000*	46.4	175.2	10,000*				180
	190	40.6	165.2	10,000*	42.9	164.1	10,000*				190
	200	36.9	152.7	10,000*							200
	210	32.7	138.3	9,600							210
	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	10,000*	48.6	189.3	10,000*	50.5	186.2	10,000*	180
	190	43.2	180.2	10,000*	45.4	179.1	10,000*				190
	200	39.8	168.9	10,000*	41.9	167.7	10,000*				200
	210	36.1	156.0	9,000							210
	220	32.1	141.2	7,900							220

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY 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	
200	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	10,000*	53.4	211.4	10,000*	55.3	208.5	10,000*	170
	180	48.5	203.9	10,000*	50.6	202.9	10,000*	52.4	199.9	10,000*	180
	190	45.5	194.5	10,000*	47.6	193.5	10,000*				190
	200	42.4	184.1	9,600	44.4	183.0	10,000*				200
	210	39.0	172.4	8,400	41.0	171.2	8,800				210
	220	35.4	159.2	7,300							220
	230	31.4	144.0	6,200*							230
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	10,000*	55.0	224.1	10,000*	56.9	221.3	10,000*	170
	180	50.3	217.1	10,000*	52.3	216.1	10,000*	54.1	213.2	10,000*	180
	190	47.5	208.4	10,000*	49.5	207.3	10,000*	51.3	204.2	10,000*	190
	200	44.6	198.7	9,200	46.6	197.6	9,700				200
	210	41.5	187.9	8,000	43.5	186.8	8,400				210
	220	38.3	175.9	6,800	40.2	174.7	7,300				220
	230	34.7	162.4	5,600*							230
	240	30.8	146.8	4,500*							240
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	10,000*	56.5	236.5	10,000*	58.3	233.7	10,000*	170
	180	52.0	230.0	10,000*	53.9	229.0	10,000*	55.7	226.1	10,000*	180
	190	49.3	221.7	10,000*	51.3	220.7	10,000*	53.0	217.7	10,000*	190
	200	46.6	212.7	8,600	48.5	211.6	9,200				200
	210	43.8	202.7	7,400	45.7	201.6	7,900				210
	220	40.8	191.7	6,100*	42.6	190.5	6,700*				220
	230	37.5	179.4	4,800*							230

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY 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	
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	10,000*	60.1	255.3	10,000*	61.9	252.6	10,000*	160
	170	55.9	249.7	10,000*	57.8	248.7	10,000*	59.5	245.9	10,000*	170
	180	53.5	242.6	10,000*	55.4	241.6	10,000*	57.1	238.7	10,000*	180
	190	51.0	234.8	9,400	52.9	233.8	10,000*	54.6	230.8	10,000*	190
	200	48.4	226.3	8,000	50.3	225.2	8,700	52.0	222.2	9,200	200
	210	45.8	217.0	6,700*	47.6	215.9	7,300				210
	220	43.0	206.7	5,300*	44.8	205.6	6,000*				220
	230	40.0	195.4	4,000*	41.8	194.2	4,600*				230