

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7251-B. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP. REFER TO BOOM RIGGING NO. 65234, JIB ASSEMBLY NO. 181869 AND WIRE ROPE SPECIFICATION CHART NO. 6645-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 30'5" CRAWLERS, 60" TREADS, 33' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 164,400 LB. CRANE COUNTERWEIGHT (161,400 LB. COUNTERWEIGHT ON SERIAL NO. 460001 THRU NO. 460045), AND 110,000 LB. CARBODY COUNTERWEIGHT. ROTATING BED MODIFICATION PER DRAWING NO. 420317 REQUIRED ON SERIAL NO. 460001 THRU NO. 460049.

MAXIMUM CAPACITY ON 1-1/4" - 6 X 31 EEIPS, IWRC IS 44,000 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER FRONT OF CRAWLERS		OVER SIDE OF CRAWLERS	
BOOM LGTH.	JIB NO. 125	BOOM LGTH.	JIB NO. 125
310'	---	310'	---
300'	---	300'	---
290'	---	290'	---
280'	40'	280'	40'
270'	60'	270'	60'
260'	80'	260'	80'

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. TO COMPLY WITH B30.5 REQUIREMENTS, INSERT NO. 49682 CANNOT BE USED ON 310' BOOM.

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	40	81.0	165.4	88,000*							40
	45	79.2	164.2	88,000*	80.8	163.6	88,000*				45
	50	77.3	162.9	88,000*	79.0	162.2	88,000*				50
	55	75.4	161.4	88,000*	77.1	160.7	87,000*	79.4	158.9	57,500*	55
	60	73.5	159.7	88,000*	75.2	159.0	81,800*	77.5	157.2	54,900*	60
	65	71.6	157.8	88,000*	73.3	157.2	77,100*	75.5	155.3	52,500*	65
	70	69.7	155.8	88,000*	71.3	155.1	73,000*	73.6	153.2	50,300*	70
	75	67.7	153.5	83,700*	69.4	152.8	69,300*	71.6	150.9	48,300*	75
	80	65.7	151.0	78,900*	67.4	150.3	65,900*	69.5	148.3	46,500*	80
	85	63.7	148.3	74,600*	65.3	147.6	62,900*	67.5	145.6	44,900*	85
	90	61.6	145.4	70,700*	63.2	144.7	60,200*	65.3	142.6	43,400*	90
	95	59.5	142.2	67,200*	61.1	141.4	57,700*	63.2	139.3	42,000*	95
	100	57.3	138.8	64,100*	58.9	138.0	55,500*	60.9	135.8	40,700*	100
	110	52.8	130.9	58,600*	54.3	130.1	51,500*	56.3	127.8	38,400*	110
	120	47.9	121.7	54,000*	49.4	120.8	48,100*				120
	130	42.6	110.6	50,100*							130

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	45	79.8	174.5	88,000*							45
	50	78.1	173.3	88,000*	79.6	172.6	88,000*				50
	55	76.3	171.8	88,000*	77.9	171.2	88,000*	80.1	169.3	58,500*	55
	60	74.6	170.3	88,000*	76.1	169.6	84,200*	78.3	167.7	55,900*	60
	65	72.8	168.5	88,000*	74.3	167.8	79,600*	76.5	165.9	53,600*	65
	70	71.0	166.6	88,000*	72.5	165.9	75,400*	74.6	164.0	51,400*	70
	75	69.1	164.5	87,600*	70.7	163.8	71,700*	72.8	161.8	49,500*	75
	80	67.3	162.2	82,600*	68.8	161.5	68,300*	70.9	159.5	47,700*	80
	85	65.4	159.7	78,100*	66.9	159.0	65,300*	69.0	156.9	46,100*	85
	90	63.5	157.0	74,200*	65.0	156.2	62,500*	67.0	154.2	44,600*	90
	95	61.5	154.1	70,500*	63.0	153.3	60,000*	65.0	151.2	43,200*	95
	100	59.5	150.9	67,300*	61.0	150.1	57,700*	63.0	147.9	41,900*	100
	110	55.4	143.8	61,600*	56.9	142.9	53,600*	58.7	140.7	39,600*	110
	120	51.0	135.5	56,800*	52.4	134.6	50,100*				120
140	45	80.4	184.7	88,000*							45
	50	78.8	183.6	88,000*	80.2	182.9	88,000*				50
	55	77.1	182.2	88,000*	78.6	181.5	88,000*	80.7	179.6	59,400*	55
	60	75.4	180.8	88,000*	76.9	180.1	86,600*	79.0	178.1	56,900*	60
	65	73.8	179.1	88,000*	75.2	178.4	81,900*	77.3	176.5	54,600*	65
	70	72.1	177.3	88,000*	73.5	176.6	77,700*	75.5	174.6	52,500*	70
	75	70.4	175.4	88,000*	71.8	174.6	74,000*	73.8	172.6	50,600*	75
	80	68.6	173.2	86,200*	70.1	172.5	70,600*	72.0	170.5	48,800*	80
	85	66.9	170.9	81,600*	68.3	170.1	67,500*	70.3	168.1	47,200*	85
	90	65.1	168.4	77,500*	66.5	167.6	64,700*	68.4	165.5	45,700*	90
	95	63.3	165.6	73,800*	64.7	164.9	62,100*	66.6	162.7	44,300*	95
	100	61.4	162.7	70,400*	62.8	161.9	59,800*	64.7	159.8	43,000*	100
	110	57.6	156.2	64,500*	59.0	155.3	55,600*	60.8	153.1	40,700*	110
	120	53.6	148.6	59,600*	55.0	147.7	52,000*	56.8	145.3	38,700*	120
150	45	80.9	194.9	88,000*							45
	50	79.4	193.8	88,000*	80.8	193.1	88,000*				50
	55	77.8	192.6	88,000*	79.2	191.9	88,000*				55
	60	76.2	191.2	88,000*	77.6	190.5	88,000*	79.6	188.5	57,800*	60
	65	74.7	189.7	88,000*	76.1	188.9	84,100*	78.0	187.0	55,500*	65
	70	73.1	188.0	88,000*	74.5	187.2	79,900*	76.4	185.2	53,500*	70
	75	71.5	186.1	88,000*	72.8	185.4	76,200*	74.7	183.4	51,600*	75
	80	69.8	184.1	88,000*	71.2	183.3	72,800*	73.1	181.3	49,800*	80
	85	68.2	181.9	85,000*	69.6	181.1	69,600*	71.4	179.1	48,200*	85
	90	66.5	179.6	80,800*	67.9	178.8	66,800*	69.7	176.7	46,700*	90
	95	64.8	177.0	76,900*	66.2	176.2	64,200*	68.0	174.1	45,300*	95
	100	63.1	174.3	73,500*	64.5	173.5	61,800*	66.2	171.3	44,000*	100
	110	59.6	168.2	67,400*	60.9	167.4	57,600*	62.6	165.2	41,700*	110
	120	55.9	161.2	62,200*	57.2	160.4	53,900*	58.9	158.0	39,700*	120
160	130	52.0	153.3	55,600*	53.3	152.3	50,800*	54.9	149.9	37,900*	130
	140	47.9	144.1	49,700*	49.2	143.1	48,000*				140
	150	43.5	133.4	44,700*	44.7	132.3	45,000*				150
	160	38.7	120.8	40,300*							160

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
160	50	79.9	204.1	88,000*	79.8	202.2	88,000*				50
	55	78.4	202.9	88,000*	78.3	200.9	88,000*	80.1	198.9	58,600*	55
	60	76.9	201.6	88,000*	76.8	199.4	86,200*	78.6	197.4	56,400*	60
	65	75.5	200.1	88,000*	75.3	197.8	82,000*	77.1	195.8	54,400*	65
	70	73.9	198.5	88,000*	73.7	196.0	78,200*	75.5	194.0	52,500*	70
	75	72.4	196.8	88,000*	72.2	194.1	74,800*	74.0	192.1	50,800*	75
	80	70.9	194.9	88,000*	70.6	192.1	71,700*	72.4	190.0	49,200*	80
	85	69.3	192.8	88,000*	69.1	189.8	68,800*	70.8	187.7	47,700*	85
	90	67.8	190.6	84,000*	67.5	187.4	66,200*	69.2	185.3	46,300*	90
	95	66.2	188.2	80,000*	65.9	184.9	63,800*	67.6	182.7	45,000*	95
	100	64.6	185.7	76,400*	62.6	179.2	59,500*	64.2	177.0	42,700*	100
	110	61.3	180.0	70,200*	59.1	172.7	55,700*	60.7	170.4	40,600*	110
	120	57.9	173.5	62,300*	55.5	165.3	52,500*	57.1	162.9	38,800*	120
	130	54.3	166.2	55,400*	51.8	156.8	49,700*				130
	140	50.6	157.8	49,400*	47.8	147.1	44,800*				140
	150	46.6	148.2	44,400*							150
	160	42.3	137.1	40,000*							160
	170	37.6	124.0	36,200*							170
170	50	80.4	214.3	88,000*	80.3	212.4	88,000*				50
	55	79.0	213.2	88,000*	78.9	211.2	88,000*	80.6	209.2	59,400*	55
	60	77.6	211.9	88,000*	77.4	209.8	88,000*	79.2	207.8	57,200*	60
	65	76.2	210.6	88,000*	76.0	208.3	84,000*	77.7	206.3	55,200*	65
	70	74.7	209.0	88,000*	74.6	206.6	80,200*	76.3	204.6	53,400*	70
	75	73.3	207.4	88,000*	73.1	204.8	76,800*	74.8	202.8	51,700*	75
	80	71.9	205.6	88,000*	71.6	202.9	73,600*	73.3	200.8	50,100*	80
	85	70.4	203.6	88,000*	70.1	200.8	70,700*	71.8	198.7	48,600*	85
	90	68.9	201.5	87,100*	68.6	198.5	68,100*	70.3	196.4	47,200*	90
	95	67.4	199.3	83,000*	67.1	196.1	65,600*	68.8	193.9	45,900*	95
	100	65.9	196.9	79,400*	64.0	190.8	61,300*	65.6	188.5	43,600*	100
	110	62.8	191.6	69,900*	60.8	184.7	57,500*	62.4	182.4	41,500*	110
	120	59.6	185.5	61,500*	57.5	177.8	54,200*	59.0	175.4	39,700*	120
	130	56.3	178.7	54,500*	54.0	170.0	49,100*	55.5	167.5	38,100*	130
	140	52.9	171.0	48,600*	50.4	161.2	44,000*				140
	150	49.2	162.2	43,500*	46.5	151.1	39,500*				150
	160	45.4	152.1	39,100*							160
	170	41.2	140.6	35,300*							170
180	50	80.8	224.5	88,000*	80.7	222.7	88,000*				50
	55	79.5	223.4	88,000*	79.4	221.5	88,000*	81.1	219.5	60,100*	55
	60	78.2	222.3	88,000*	78.0	220.2	88,000*	79.7	218.2	58,000*	60
	65	76.8	220.9	88,000*	76.7	218.7	85,900*	78.3	216.7	56,000*	65
	70	75.5	219.5	88,000*	75.3	217.2	82,100*	76.9	215.1	54,200*	70
	75	74.1	217.9	88,000*	73.9	215.4	78,600*	75.5	213.4	52,500*	75
	80	72.7	216.2	88,000*	72.5	213.6	75,500*	74.1	211.5	50,900*	80
	85	71.3	214.4	88,000*	71.1	211.6	72,600*	72.7	209.5	49,500*	85
	90	69.9	212.4	88,000*	69.7	209.5	69,900*	71.3	207.3	48,100*	90
	95	68.5	210.3	85,500*	68.3	207.2	67,400*	69.8	205.0	46,800*	95
	100	67.1	208.0	79,500*	65.3	202.2	63,000*	66.9	199.9	44,500*	100
	110	64.2	203.0	69,200*	62.3	196.5	59,200*	63.8	194.2	42,400*	110
	120	61.2	197.3	60,800*	59.2	190.0	54,500*	60.7	187.7	40,600*	120
	130	58.1	190.9	53,800*	56.0	182.8	48,500*	57.4	180.3	39,000*	130
	140	54.9	183.7	47,900*	52.6	174.6	43,400*				140
	150	51.5	175.6	42,900*	49.1	165.4	38,900*				150
	160	48.0	166.4	38,500*	45.3	154.9	35,000*				160
	170	44.2	156.0	34,600*							170
	180	40.2	144.1	31,000*							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	
190	55	80.0	233.7	88,000*							55
	60	78.7	232.5	88,000*	79.8	231.8	88,000*				60
	65	77.4	231.3	88,000*	78.6	230.5	88,000*	80.2	228.5	58,700*	65
	70	76.1	229.9	88,000*	77.3	229.1	87,700*	78.9	227.1	56,800*	70
	75	74.8	228.4	88,000*	76.0	227.6	83,900*	77.5	225.6	55,000*	75
	80	73.5	226.8	88,000*	74.6	226.0	80,400*	76.2	223.9	53,300*	80
	85	72.2	225.0	88,000*	73.3	224.2	77,300*	74.9	222.1	51,800*	85
	90	70.8	223.2	88,000*	72.0	222.4	74,400*	73.5	220.2	50,300*	90
	95	69.5	221.1	84,700	70.6	220.3	71,700*	72.2	218.2	48,900*	95
	100	68.1	219.0	78,600	69.3	218.2	69,200*	70.8	216.0	47,700*	100
	110	65.4	214.2	68,400	66.5	213.4	64,700*	68.0	211.2	45,300*	110
	120	62.6	208.9	60,000	63.7	208.0	60,800	65.1	205.8	43,300*	120
	130	59.7	202.9	53,000	60.7	202.0	53,700	62.2	199.6	41,400*	130
	140	56.6	196.1	47,100	57.7	195.2	47,700	59.1	192.8	39,800*	140
	150	53.5	188.6	42,000	54.6	187.6	42,600	55.9	185.1	38,300*	150
200	160	50.3	180.1	37,600	51.3	179.1	38,100				160
	170	46.8	170.6	33,800*	47.8	169.5	34,200				170
	180	43.2	159.8	29,900*							180
	190	39.2	147.5	26,400*							190
200	55	80.4	243.9	88,000*							55
	60	79.2	242.8	88,000*	80.3	242.0	88,000*				60
	65	77.9	241.6	88,000*	79.1	240.8	88,000*	80.6	238.8	59,400*	65
	70	76.7	240.3	88,000*	77.8	239.5	88,000*	79.3	237.4	57,500*	70
	75	75.5	238.9	88,000*	76.6	238.1	85,600*	78.1	236.0	55,700*	75
	80	74.2	237.3	88,000*	75.3	236.5	82,200*	76.8	234.4	54,100*	80
	85	73.0	235.6	88,000*	74.0	234.8	79,000*	75.5	232.7	52,500*	85
	90	71.7	233.8	88,000*	72.8	233.0	76,100*	74.3	230.9	51,100*	90
	95	70.4	231.9	84,500*	71.5	231.1	73,400*	73.0	229.0	49,700*	95
	100	69.1	229.9	78,800	70.2	229.1	70,900*	71.7	226.9	48,500*	100
	110	66.5	225.4	68,500	67.6	224.5	66,400*	69.0	222.3	46,100*	110
	120	63.8	220.3	60,100	64.9	219.4	60,900	66.3	217.2	44,100*	120
	130	61.1	214.6	53,100	62.1	213.7	53,800	63.5	211.4	42,200*	130
	140	58.2	208.3	47,200	59.3	207.4	47,800	60.6	205.0	40,600*	140
	150	55.3	201.2	42,100	56.3	200.3	42,700	57.6	197.8	39,100*	150
210	160	52.3	193.3	37,800	53.3	192.3	38,200				160
	170	49.1	184.5	33,900	50.1	183.5	34,300				170
	180	45.7	174.6	30,100*	46.7	173.5	30,600*				180
	190	42.2	163.5	26,600*							190
	200	38.3	150.8	23,600*							200
	55	80.8	254.1	88,000*							55
	60	79.6	253.0	88,000*	80.7	252.3	88,000*				60
	65	78.4	251.9	88,000*	79.5	251.1	88,000*	81.0	249.0	60,000*	65
	70	77.3	250.6	88,000*	78.3	249.9	88,000*	79.8	247.8	58,200*	70
	75	76.1	249.3	88,000*	77.1	248.5	87,300*	78.6	246.4	56,400*	75
	80	74.9	247.8	88,000*	75.9	247.0	83,800*	77.4	244.9	54,800*	80
210	85	73.7	246.2	88,000*	74.7	245.4	80,600*	76.2	243.3	53,300*	85
	90	72.5	244.5	86,600*	73.5	243.7	77,700*	74.9	241.5	51,800*	90
	95	71.2	242.6	81,400*	72.3	241.8	75,000*	73.7	239.7	50,500*	95
	100	70.0	240.7	76,700*	71.0	239.9	72,500*	72.4	237.7	49,200*	100
	110	67.5	236.4	67,700	68.5	235.6	67,900*	69.9	233.4	46,900*	110
	120	65.0	231.6	59,300	66.0	230.7	60,100	67.3	228.5	44,800*	120
	130	62.4	226.2	52,300	63.4	225.3	53,100	64.7	223.0	43,000*	130
	140	59.7	220.2	46,400	60.7	219.3	47,100	62.0	216.9	41,300*	140
	150	56.9	213.5	41,300	57.9	212.6	41,900	59.2	210.1	39,800*	150
	160	54.1	206.1	36,900	55.0	205.2	37,500	56.3	202.6	38,100	160
	170	51.1	197.9	32,900*	52.1	196.9	33,600*				170
	180	48.0	188.8	29,000*	48.9	187.7	29,600*				180
	190	44.7	178.6	25,500*	45.6	177.5	26,000*				190
	200	41.2	167.1	22,400*							200

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
220	60	80.0	263.3	88,000*	81.0	262.5	88,000*				60
	65	78.9	262.2	88,000*	79.9	261.4	88,000*				65
	70	77.8	261.0	88,000*	78.8	260.2	88,000*	80.2	258.1	58,800*	70
	75	76.6	259.6	88,000*	77.6	258.8	88,000*	79.0	256.7	57,100*	75
	80	75.5	258.2	88,000*	76.5	257.4	85,400*	77.9	255.3	55,500*	80
	85	74.3	256.7	88,000*	75.3	255.9	82,200*	76.7	253.8	54,000*	85
	90	73.2	255.1	83,800*	74.2	254.2	79,300*	75.5	252.1	52,500*	90
	95	72.0	253.3	78,700*	73.0	252.5	76,600*	74.4	250.3	51,200*	95
	100	70.8	251.4	74,100*	71.8	250.6	74,000*	73.2	248.4	50,000*	100
	110	68.4	247.3	66,100*	69.4	246.5	66,300*	70.8	244.3	47,600*	110
	120	66.0	242.7	58,700*	67.0	241.9	59,600*	68.3	239.6	45,600*	120
	130	63.5	237.6	51,700*	64.5	236.7	52,500*	65.8	234.4	43,700*	130
	140	61.0	231.9	45,800*	62.0	231.0	46,500*	63.2	228.7	42,000*	140
	150	58.4	225.6	40,700*	59.3	224.7	41,300*	60.6	222.3	40,500*	150
	160	55.7	218.7	36,300*	56.6	217.7	36,800*	57.8	215.2	37,500*	160
230	170	52.9	211.0	32,100*	53.8	210.0	32,800*	55.0	207.4	33,600*	170
	180	50.0	202.4	28,200*	50.9	201.4	28,800*				180
	190	47.0	193.0	24,700*	47.9	191.9	25,300*				190
	200	43.8	182.4	21,600*	44.7	181.3	22,100*				200
	210	40.4	170.6	18,800*							210
	60	80.4	273.5	88,000*	80.3	271.6	88,000*				60
	65	79.3	272.4	88,000*	79.2	270.5	88,000*	80.6	268.3	59,400*	65
	70	78.2	271.3	88,000*	78.1	269.4	88,000*	79.5	267.1	57,700*	70
	75	77.1	270.0	88,000*	77.0	267.8	86,900*	78.3	265.7	56,100*	75
	80	76.0	268.6	88,000*	75.9	266.3	83,800*	77.2	264.2	54,600*	80
	85	74.9	267.2	86,500*	74.8	264.8	80,800*	76.1	262.6	53,200*	85
	90	73.8	265.6	80,900*	73.7	263.1	76,000*	75.0	260.9	51,900*	90
	95	72.7	263.9	75,800*	72.5	261.3	71,500*	73.8	259.1	50,600*	95
	100	71.6	262.1	71,300*	70.2	257.4	63,800*	71.5	255.1	48,300*	100
	110	69.3	258.2	63,500*	67.9	252.9	57,200*	69.2	250.7	46,300*	110
240	120	67.0	253.8	56,900*	65.5	248.0	51,600*	66.8	245.7	44,400*	120
	130	64.6	248.9	50,900*	63.1	242.6	45,700*	64.3	240.2	42,700*	130
	140	62.2	243.5	44,900*	60.6	236.6	40,500*	61.8	234.2	41,200*	140
	150	59.7	237.5	39,900*	58.1	230.0	36,100*	59.2	227.5	36,800*	150
	160	57.2	230.9	35,500*	55.4	222.7	31,800*	56.6	220.1	32,800*	160
	170	54.5	223.7	31,100*	52.7	214.7	27,800*				170
	180	51.8	215.7	27,100*	49.9	205.8	24,200*				180
	190	49.0	206.9	23,600*	46.9	196.0	21,000*				190
	200	46.0	197.1	20,500*							200
	210	42.9	186.2	17,700*							210
	220	39.5	174.0	15,200*							220
	60	80.7	283.7	88,000*	80.7	281.8	88,000*				60
	65	79.7	282.6	88,000*	79.6	280.7	88,000*	80.9	278.6	59,900*	65
	70	78.6	281.5	88,000*	78.5	279.5	88,000*	79.9	277.4	58,300*	70
	75	77.6	280.3	88,000*	77.5	278.2	88,000*	78.8	276.1	56,700*	75
	80	76.5	279.0	88,000*	76.4	276.8	84,400*	77.7	274.6	55,300*	80
	85	75.5	277.6	84,200*	75.3	275.3	78,900*	76.6	273.1	53,900*	85
	90	74.4	276.1	78,700*	74.3	273.6	73,900*	75.5	271.5	52,600*	90
	95	73.3	274.5	73,700*	73.2	271.9	69,500*	74.4	269.7	51,300*	95
	100	72.2	272.7	69,200*	71.0	268.1	61,800*	72.2	265.9	49,000*	100
	110	70.1	269.0	61,500*	68.8	263.9	55,400*	70.0	261.7	47,000*	110
	120	67.8	264.8	55,100*	66.5	259.2	49,900*	67.7	256.9	45,100*	120
	130	65.6	260.1	49,500*	64.2	254.0	45,100*	65.4	251.7	43,400*	130
	140	63.3	254.9	44,600*	61.8	248.3	40,200*	63.0	245.9	41,000*	140
	150	60.9	249.2	39,500*	59.4	242.0	35,700*	60.5	239.6	36,500*	150
	160	58.5	243.0	35,100*	56.9	235.1	31,400*	58.0	232.6	32,400*	160
	170	56.0	236.1	30,600*	54.3	227.6	27,400*	55.4	224.9	28,200*	170
	180	53.5	228.6	26,700*	51.6	219.2	23,800*				180
	190	50.8	220.3	23,200*	48.9	210.1	20,600*				190
	200	48.0	211.2	20,000*	45.9	200.0	17,700*				200
	210	45.1	201.1	17,200*							210
	220	42.0	189.9	14,700*							220
	230	38.8	177.4	12,400*							230

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT

110,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
250	60	81.1	293.8	88,000*	81.0	292.0	88,000*				60
	65	80.1	292.9	88,000*							65
	70	79.0	291.8	88,000*	80.0	291.0	88,000*				70
	75	78.0	290.6	88,000*	78.9	289.8	88,000*	80.2	287.7	58,800*	75
	80	77.0	289.3	87,700*	77.9	288.5	87,900*	79.2	286.4	57,300*	80
	85	76.0	288.0	81,500*	76.9	287.2	81,800*	78.1	285.0	55,800*	85
	90	75.0	286.5	76,000*	75.9	285.7	76,300*	77.1	283.5	54,500*	90
	95	73.9	285.0	71,100*	74.8	284.2	71,400*	76.1	282.0	53,200*	95
	100	72.9	283.3	66,700*	73.8	282.5	67,000*	75.0	280.3	51,900*	100
	110	70.8	279.7	59,100*	71.7	278.9	59,500*	72.9	276.6	49,700*	110
	120	68.7	275.7	52,800*	69.5	274.8	53,100*	70.7	272.6	47,600*	120
	130	66.5	271.2	47,300*	67.4	270.3	47,700*	68.5	268.0	45,800*	130
	140	64.3	266.3	42,600*	65.2	265.4	43,000*	66.3	263.0	43,500*	140
	150	62.0	260.8	38,400*	62.9	259.9	38,800*	64.0	257.5	39,300*	150
	160	59.7	254.8	34,100*	60.6	253.9	34,900*	61.7	251.5	35,600*	160
	170	57.4	248.3	29,600*	58.2	247.4	30,400*	59.3	244.8	31,500*	170
	180	54.9	241.2	25,600*	55.8	240.2	26,400*	56.8	237.6	27,300*	180
	190	52.4	233.3	22,100*	53.3	232.3	22,800*				190
	200	49.8	224.8	19,000*	50.6	223.7	19,600*				200
	210	47.1	215.4	16,200*	47.9	214.3	16,700*				210
	220	44.3	205.0	13,600*	45.0	203.9	14,100*				220
260	230	41.3	193.5	11,300*							230
	240	38.0	180.7	9,200*							240
	65	80.4	303.1	88,000*	80.3	301.2	88,000*				65
	70	79.4	302.0	88,000*							70
	75	78.4	300.9	88,000*	79.3	300.1	88,000*	80.6	297.9	59,400*	75
	80	77.5	299.7	85,200*	78.3	298.8	85,600*	79.6	296.7	57,900*	80
	85	76.5	298.4	79,100*	77.3	297.5	79,400*	78.6	295.4	56,400*	85
	90	75.5	297.0	73,600*	76.4	296.1	74,000*	77.6	294.0	55,100*	90
	95	74.5	295.5	68,800*	75.4	294.6	69,200*	76.5	292.4	53,800*	95
	100	73.5	293.9	64,500*	74.3	293.0	64,900*	75.5	290.8	52,600*	100
	110	71.5	290.4	57,000*	72.3	289.5	57,400*	73.5	287.3	50,300*	110
	120	69.4	286.5	50,700*	70.3	285.6	51,100*	71.4	283.4	48,300*	120
	130	67.3	282.2	45,400*	68.2	281.3	45,800*	69.3	279.0	46,300*	130
	140	65.2	277.5	40,700*	66.1	276.6	41,200*	67.2	274.2	41,700*	140
	150	63.1	272.3	36,700*	63.9	271.3	37,100*	65.0	269.0	37,600*	150
	160	60.9	266.6	33,000*	61.7	265.6	33,500*	62.8	263.2	34,000*	160
	170	58.6	260.3	28,800*	59.4	259.4	29,700*	60.5	256.9	30,700*	170
	180	56.3	253.5	24,800*	57.1	252.6	25,600*	58.1	250.0	26,600*	180
	190	53.9	246.1	21,300*	54.7	245.1	22,000*	55.7	242.5	22,900*	190
	200	51.5	238.0	18,100*	52.3	237.0	18,800*				200
	210	48.9	229.2	15,300*	49.7	228.1	15,900*				210
	220	46.2	219.5	12,800*	47.0	218.4	13,300*				220
270	230	43.5	208.9	10,500*							230
	240	40.5	197.1	8,400*							240
	65	80.7	313.2	88,000*	80.6	311.4	88,000*				65
	70	79.8	312.2	88,000*							70
	75	78.8	311.1	88,000*	79.7	310.3	88,000*	80.9	308.2	59,900*	75
	80	77.9	310.0	82,600*	78.7	309.1	83,100*	79.9	307.0	58,400*	80
	85	76.9	308.7	76,500*	77.8	307.9	77,000*	78.9	305.7	57,000*	85
	90	76.0	307.3	71,200*	76.8	306.5	71,700*	78.0	304.3	55,600*	90
	95	75.0	305.9	66,400*	75.8	305.1	66,900*	77.0	302.9	54,400*	95
	100	74.0	304.4	62,100*	74.9	303.5	62,600*	76.0	301.3	53,100*	100
	110	72.1	301.0	54,700*	72.9	300.2	55,200*	74.1	297.9	50,900*	110
	120	70.1	297.3	48,500*	70.9	296.4	49,000*	72.1	294.2	48,900*	120
	130	68.1	293.1	43,300*	68.9	292.3	43,700*	70.0	290.0	44,300*	130
	140	66.1	288.6	38,700*	66.9	287.7	39,200*	68.0	285.4	39,800*	140
	150	64.0	283.6	34,700*	64.8	282.7	35,200*	65.9	280.3	35,700*	150
	160	61.9	278.1	31,100*	62.7	277.2	31,600*	63.8	274.8	32,100*	160
	170	59.7	272.2	27,800*	60.5	271.2	28,400*	61.6	268.7	28,900*	170
	180	57.5	265.7	23,800*	58.3	264.7	24,600*	59.3	262.2	25,600*	180
	190	55.3	258.6	20,300*	56.1	257.6	21,000*	57.0	255.0	21,900*	190
	200	52.9	251.0	17,100*	53.7	249.9	17,800*	54.7	247.2	18,600*	200
	210	50.5	242.6	14,300*	51.3	241.6	14,900*				210
	220	48.0	233.5	11,700*	48.8	232.4	12,200*				220
	230	45.4	223.6	9,400*	46.2	222.4	9,900*				230
	240	42.7	212.7	7,300*							240
	250	39.8	200.6	5,300*							250

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
280	65	81.0	323.4	88,000*	80.9	321.6	88,000*				65
	70	80.1	322.4	88,000*	80.0	320.6	88,000*				70
	75	79.2	321.4	87,600*	79.1	319.4	81,200*	80.2	317.2	58,900*	75
	80	78.3	320.2	80,700*	78.2	318.2	75,200*	79.3	316.0	57,500*	80
	85	77.3	319.0	74,600*							85
	90	76.4	317.7	69,300*	77.2	316.9	69,900*	78.4	314.7	56,200*	90
	95	75.5	316.3	64,600*	76.3	315.5	65,100*	77.4	313.3	54,900*	95
	100	74.5	314.8	60,300*	75.4	314.0	60,800*	76.5	311.8	53,700*	100
	110	72.7	311.6	53,000*	73.5	310.7	53,500*	74.6	308.5	51,500*	110
	120	70.8	308.0	46,900*	71.6	307.1	47,400*	72.7	304.9	48,100*	120
	130	68.8	304.0	41,700*	69.6	303.1	42,200*	70.7	300.8	42,800*	130
	140	66.9	299.6	37,200*	67.7	298.7	37,700*	68.7	296.4	38,300*	140
	150	64.9	294.8	33,300*	65.7	293.9	33,800*	66.7	291.5	34,400*	150
	160	62.9	289.6	29,800*	63.6	288.6	30,200*	64.7	286.2	30,800*	160
	170	60.8	283.9	26,600*	61.6	282.9	27,100*	62.6	280.5	27,700*	170
	180	58.7	277.7	23,300*	59.5	276.7	24,100*	60.5	274.2	24,800*	180
	190	56.5	270.9	19,700*	57.3	270.0	20,500*	58.3	267.4	21,500*	190
	200	54.3	263.6	16,600*	55.1	262.6	17,300*	56.0	260.0	18,100*	200
	210	52.0	255.7	13,700*	52.8	254.7	14,400*				210
	220	49.7	247.1	11,200*	50.4	246.0	11,700*				220
	230	47.2	237.8	8,800*	47.9	236.6	9,400*				230
	240	44.7	227.6	6,700*	45.4	226.4	7,200*				240
	250	42.0	216.4	4,800*							250

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	45	80.5	174.4	88,000*							45
	50	78.8	173.2	88,000*	80.7	172.3	76,600*				50
	55	77.0	171.8	88,000*	79.0	170.9	71,700*				55
	60	75.3	170.2	84,700*	77.2	169.3	67,400*	79.9	167.1	49,100*	60
	65	73.5	168.4	78,800*	75.4	167.6	63,600*	78.1	165.3	46,900*	65
	70	71.7	166.5	73,600*	73.6	165.7	60,100*	76.2	163.4	44,900*	70
	75	69.8	164.4	69,100*	71.7	163.5	57,100*	74.4	161.2	43,100*	75
	80	68.0	162.1	65,200*	69.9	161.2	54,300*	72.5	158.9	41,500*	80
	85	66.1	159.6	61,600*	68.0	158.7	51,900*	70.6	156.3	40,000*	85
	90	64.2	156.9	58,400*	66.0	156.0	49,600*	68.6	153.8	38,600*	90
	95	62.2	154.0	55,500*	64.1	153.0	47,500*	66.6	150.8	37,300*	95
	100	60.2	150.8	52,900*	62.1	149.8	45,700*	64.5	147.3	36,200*	100
	110	56.1	143.7	48,400*	57.9	142.7	42,300*	60.3	139.9	34,100*	110
	120	51.7	135.4	44,600*	53.5	134.3	39,500*	55.8	131.4	32,300*	120
130	45	81.0	184.6	88,000*							45
	50	79.4	183.5	88,000*							50
	55	77.8	182.1	88,000*	79.6	181.3	73,400*				55
	60	76.1	180.7	87,900*	77.9	179.8	69,100*	80.5	177.5	49,800*	60
	65	74.4	179.0	81,900*	76.2	178.2	65,300*	78.8	175.8	47,700*	65
	70	72.7	177.2	76,600*	74.5	176.3	61,900*	77.1	174.0	45,800*	70
	75	71.0	175.3	72,000*	72.8	174.4	58,900*	75.3	172.0	44,000*	75
	80	69.3	173.1	67,900*	71.1	172.2	56,100*	73.6	169.8	42,400*	80
	85	67.5	170.8	64,300*	69.3	169.9	53,600*	71.8	167.4	40,900*	85
	90	65.7	168.3	61,000*	67.5	167.3	51,300*	69.9	164.8	39,600*	90
	95	63.9	165.5	58,100*	65.7	164.6	49,200*	68.1	162.1	38,300*	95
	100	62.1	162.6	55,400*	63.8	161.6	47,300*	66.2	159.1	37,100*	100
	110	58.3	156.1	50,700*	60.0	155.0	43,900*	62.3	152.3	35,000*	110
	120	54.3	148.5	46,800*	56.0	147.4	41,000*	58.2	144.6	33,200*	120
140	45	80.0	193.7	88,000*							45
	50	78.4	192.5	88,000*							50
	55	76.9	191.1	88,000*	80.2	191.6	75,100*				55
	60	75.3	189.6	84,800*	78.6	190.2	70,800*	81.0	187.9	50,600*	60
	65	73.7	187.9	79,500*	77.0	188.7	67,000*	79.4	186.3	48,500*	65
	70	72.1	186.0	74,800*	75.4	187.0	63,600*	77.8	184.6	46,600*	70
	75	70.4	184.0	70,700*	73.8	185.1	60,600*	76.2	182.7	44,900*	75
	80	68.8	181.8	66,900*	72.1	183.1	57,800*	74.5	180.6	43,300*	80
	85	67.1	179.4	63,600*	70.5	180.9	55,300*	72.8	178.4	41,800*	85
	90	65.4	176.9	60,500*	68.8	178.5	53,000*	71.1	176.0	40,400*	90
	95	63.7	174.2	57,800*	67.1	175.9	50,900*	69.4	173.4	39,200*	95
	100	62.0	171.4	55,400*	65.4	173.2	48,900*	67.6	170.6	38,000*	100
	110	58.3	164.1	52,900*	61.8	167.1	45,500*	64.0	164.4	35,900*	110
	120	54.3	156.1	48,900*	58.1	160.1	42,500*	60.3	157.3	34,100*	120
150	45	80.5	204.0	88,000*							45
	50	79.0	202.8	88,000*							50
	55	77.5	201.5	88,000*	80.7	201.9	76,600*				55
	60	76.0	200.0	87,700*	79.2	200.6	72,400*				60
	65	74.5	198.4	82,300*	77.7	199.1	68,600*	80.0	196.7	49,200*	65
	70	73.0	196.7	77,500*	76.2	197.5	65,200*	78.5	195.1	47,400*	70
	75	71.5	194.8	73,300*	74.6	195.7	62,200*	76.9	193.3	45,600*	75
	80	69.9	192.7	69,500*	73.1	193.8	59,400*	75.3	191.4	44,100*	80
	85	68.4	190.5	66,000*	71.5	191.8	56,800*	73.8	189.3	42,600*	85
	90	66.8	188.1	62,900*	70.0	189.5	54,500*	72.2	187.0	41,300*	90
	95	65.2	185.6	60,100*	68.4	187.1	52,400*	70.5	184.6	40,000*	95
	100	63.6	183.1	57,500*	66.7	184.6	50,400*	68.9	182.0	38,800*	100
	110	61.9	179.9	55,100*	63.4	178.9	47,000*	65.5	176.2	36,700*	110
	120	58.5	173.4	50,900*	60.0	172.4	43,900*	62.0	169.6	34,900*	120
160	45	81.0	214.6	88,000*							45
	50	79.4	213.5	88,000*							50
	55	77.8	212.1	88,000*	80.7	212.3	76,600*				55
	60	76.1	210.7	87,900*	79.0	210.9	71,700*				60
	65	74.4	209.0	81,900*	77.2	209.3	67,400*	79.9	207.1	49,100*	65
	70	72.7	207.2	76,600*	75.4	207.6	63,600*	78.1	205.3	46,900*	70
	75	71.0	205.3	72,000*	73.6	205.7	60,100*	76.2	203.4	44,900*	75
	80	69.3	203.1	67,900*	71.7	203.5	57,100*	74.4	201.2	43,100*	80
	85	67.5	200.8	64,300*	69.9	201.2	54,300*	72.5	198.9	41,500*	85
	90	65.7	198.3	61,000*	68.0	198.7	51,900*	70.6	196.3	40,000*	90
	95	63.9	195.5	58,100*	66.0	196.0	49,600*	68.6	193.8	38,600*	95
	100	62.2	192.0	55,500*	64.1	193.0	47,500*	66.6	190.8	37,300*	100
	110	58.3	184.7	48,400*	60.2	186.8	45,700*	64.5	187.3	36,200*	110
	120	54.3	176.5	44,600*	56.3	178.5	42,300*	60.3	179.9	34,100*	120

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON

BOOM NO. 27B WITH OPEN THROAT TOP

OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT

110,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	55	80.9	243.8	88,000*	81.0	241.7	77,800*				55
	60	79.7	242.7	88,000*							60
	65	78.4	241.5	88,000*	79.8	240.5	74,100*				65
	70	77.2	240.2	88,000*	78.6	239.2	70,800*	80.5	236.7	49,900*	70
	75	76.0	238.7	87,500*	77.3	237.8	67,800*	79.2	235.2	48,300*	75
	80	74.7	237.2	83,000*	76.1	236.2	65,000*	77.9	233.6	46,800*	80
	85	73.4	235.5	78,900*	74.8	234.5	62,500*	76.7	231.9	45,400*	85
	90	72.2	233.7	75,200*	73.5	232.7	60,100*	75.4	230.1	44,100*	90
	95	70.9	231.8	71,800*	72.2	230.8	58,000*	74.1	228.2	42,900*	95
	100	69.6	229.8	68,800*	70.9	228.7	56,000*	72.8	226.1	41,800*	100
	110	67.0	225.2	63,300*	68.3	224.2	52,300*	70.1	221.5	39,700*	110
	120	64.3	220.2	58,700*	65.6	219.1	49,200*	67.4	216.3	37,900*	120
	130	61.6	214.5	53,700*	62.8	213.4	46,400*	64.6	210.5	36,200*	130
	140	58.7	208.1	47,700*	60.0	207.0	44,000*	61.7	204.0	34,700*	140
	150	55.8	201.1	42,600*	57.1	199.9	41,800*	58.7	196.8	33,400*	150
200	160	52.8	193.2	38,200*	54.0	191.9	38,800*	55.6	188.7	32,200*	160
	170	49.6	184.3	34,400*	50.8	183.1	34,900*				170
	180	46.2	174.5	30,700*	47.4	173.1	31,300*				180
	190	42.6	163.3	27,200*							190
	200	38.8	150.6	24,100*							200
200	60	80.1	252.9	88,000*	80.2	250.8	75,300*				60
	65	78.9	251.8	88,000*							65
	70	77.7	250.5	88,000*	79.0	249.5	72,100*	80.9	247.0	50,400*	70
	75	76.5	249.1	88,000*	77.8	248.2	69,000*	79.7	245.6	48,900*	75
	80	75.3	247.7	85,200*	76.6	246.7	66,300*	78.5	244.1	47,400*	80
	85	74.1	246.1	81,100*	75.4	245.1	63,800*	77.2	242.5	46,000*	85
	90	72.9	244.4	77,300*	74.2	243.3	61,400*	76.0	240.7	44,800*	90
	95	71.7	242.5	73,900*	73.0	241.5	59,200*	74.8	238.8	43,600*	95
	100	70.5	240.6	70,800*	71.7	239.5	57,200*	73.5	236.9	42,400*	100
	110	68.0	236.3	65,300*	69.2	235.2	53,600*	71.0	232.5	40,400*	110
	120	65.4	231.4	60,600*	66.7	230.4	50,400*	68.4	227.6	38,500*	120
	130	62.8	226.1	53,800*	64.1	225.0	47,600*	65.7	222.1	36,900*	130
	140	60.1	220.1	47,800*	61.4	218.9	45,100*	63.0	216.0	35,400*	140
	150	57.4	213.4	42,700*	58.6	212.2	42,900*	60.2	209.2	34,100*	150
	160	54.5	206.0	38,300*	55.7	204.8	38,900*	57.3	201.6	32,900*	160
210	170	51.6	197.8	34,500*	52.7	196.5	35,000*				170
	180	48.5	188.6	30,900*	49.6	187.3	31,500*				180
	190	45.2	178.4	27,400*	46.3	177.0	27,900*				190
	200	41.7	166.9	24,300*							200
	60	80.5	263.1	88,000*	80.6	261.1	76,500*				60
	65	79.3	262.0	88,000*							65
	70	78.2	260.8	88,000*	79.5	259.8	73,200*				70
	75	77.1	259.5	88,000*	78.3	258.5	70,200*	80.1	255.9	49,400*	75
	80	75.9	258.1	87,400*	77.2	257.1	67,500*	78.9	254.5	48,000*	80
	85	74.8	256.6	83,200*	76.0	255.6	65,000*	77.8	252.9	46,600*	85
	90	73.6	254.9	79,400*	74.8	253.9	62,600*	76.6	251.3	45,300*	90
	95	72.4	253.2	76,000*	73.7	252.1	60,400*	75.4	249.5	44,200*	95
	100	71.3	251.3	72,800*	72.5	250.3	58,400*	74.2	247.6	43,000*	100
	110	68.9	247.2	67,200*	70.1	246.2	54,800*	71.8	243.4	41,000*	110
	120	66.4	242.6	60,000*	67.7	241.5	51,600*	69.3	238.7	39,200*	120
	130	64.0	237.5	53,000*	65.2	236.4	48,700*	66.8	233.5	37,500*	130
	140	61.4	231.8	47,000*	62.6	230.7	46,200*	64.2	227.7	36,000*	140
	150	58.8	225.5	41,900*	60.0	224.3	42,700*	61.5	221.3	34,700*	150
	160	56.1	218.5	37,500*	57.3	217.3	38,200*	58.8	214.2	33,500*	160
	170	53.4	210.8	33,700*	54.5	209.6	34,200*	56.0	206.3	32,400*	170
	180	50.5	202.3	29,800*	51.6	201.0	30,500*				180
	190	47.4	192.8	26,300*	48.5	191.5	26,900*				190
	200	44.2	182.3	23,200*	45.3	180.8	23,700*				200
	210	40.8	170.4	20,400*							210

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
160	50	81.0	214.2	88,000*							50
	55	79.6	213.1	88,000*	81.1	212.2	78,000*				55
	60	78.1	211.8	88,000*	79.7	210.9	73,800*				60
	65	76.7	210.4	88,000*	78.3	209.5	70,100*	80.5	207.1	49,900*	65
	70	75.3	208.9	85,000*	76.9	208.0	66,700*	79.0	205.5	48,000*	70
	75	73.9	207.3	80,100*	75.4	206.3	63,700*	77.6	203.9	46,400*	75
	80	72.4	205.5	75,800*	74.0	204.5	60,900*	76.1	202.0	44,800*	80
	85	70.9	203.5	71,900*	72.5	202.6	58,400*	74.6	200.0	43,400*	85
	90	69.5	201.4	68,400*	71.0	200.5	56,000*	73.1	197.9	42,100*	90
	95	68.0	199.2	65,200*	69.5	198.2	53,900*	71.6	195.6	40,800*	95
	100	66.5	196.8	62,300*	68.0	195.8	51,900*	70.0	193.2	39,600*	100
	110	63.4	191.5	57,300*	64.9	190.4	48,400*	66.9	187.7	37,500*	110
	120	60.2	185.4	52,900*	61.6	184.4	45,300*	63.6	181.6	35,700*	120
	130	56.9	178.6	49,200*	58.3	177.5	42,700*	60.2	174.6	34,100*	130
	140	53.4	170.8	46,000*	54.8	169.7	40,300*	56.7	166.6	32,600*	140
170	150	49.8	162.0	43,200*	51.2	160.8	38,300*				150
	160	45.9	152.0	40,600*	47.3	150.7	36,500*				160
	170	41.7	140.5	36,700*							170
180	55	80.0	223.3	88,000*							55
	60	78.7	222.1	88,000*	80.2	221.2	75,200*				60
	65	77.4	220.8	88,000*	78.8	219.9	71,500*	80.9	217.4	50,500*	65
	70	76.0	219.4	87,600*	77.5	218.4	68,200*	79.6	215.9	48,700*	70
	75	74.6	217.8	82,700*	76.1	216.9	65,100*	78.2	214.3	47,100*	75
	80	73.3	216.1	78,300*	74.7	215.1	62,300*	76.8	212.6	45,500*	80
	85	71.9	214.3	74,300*	73.3	213.3	59,800*	75.4	210.7	44,100*	85
	90	70.5	212.3	70,700*	71.9	211.3	57,500*	73.9	208.7	42,800*	90
	95	69.0	210.2	67,500*	70.5	209.2	55,300*	72.5	206.6	41,600*	95
	100	67.6	207.9	64,500*	69.1	206.9	53,300*	71.0	204.2	40,400*	100
	110	64.7	202.9	59,300*	66.1	201.8	49,700*	68.1	199.1	38,300*	110
	120	61.7	197.2	54,900*	63.1	196.1	46,700*	65.0	193.3	36,400*	120
	130	58.6	190.8	51,100*	60.0	189.7	44,000*	61.8	186.8	34,800*	130
	140	55.4	183.6	47,800*	56.8	182.4	41,600*	58.6	179.4	33,400*	140
	150	52.0	175.5	44,100*	53.4	174.3	39,500*				150
190	160	48.5	166.3	39,700*	49.8	165.0	37,600*				160
	170	44.7	155.9	35,900*	46.0	154.5	35,900*				170
	180	40.7	143.9	32,500*							180
	55	80.5	233.6	88,000*							55
	60	79.2	232.4	88,000*	80.6	231.5	76,500*				60
	65	77.9	231.2	88,000*	79.3	230.2	72,800*				65
	70	76.6	229.8	88,000*	78.0	228.8	69,500*	80.0	226.3	49,300*	70
	75	75.3	228.3	85,100*	76.7	227.3	66,500*	78.7	224.8	47,700*	75
	80	74.0	226.7	80,600*	75.4	225.7	63,700*	77.4	223.1	46,200*	80
	85	72.7	224.9	76,600*	74.1	223.9	61,200*	76.0	221.4	44,800*	85
	90	71.4	223.0	73,000*	72.8	222.0	58,800*	74.7	219.4	43,500*	90
	95	70.0	221.0	69,700*	71.4	220.0	56,700*	73.3	217.4	42,300*	95
	100	68.7	218.9	66,700*	70.0	217.8	54,700*	71.9	215.2	41,100*	100
	110	65.9	214.1	61,400*	67.3	213.1	51,100*	69.1	210.4	39,000*	110
	120	63.1	208.8	56,800*	64.4	207.7	47,900*	66.2	204.9	37,200*	120
	130	60.2	202.7	52,900*	61.5	201.6	45,200*	63.3	198.8	35,500*	130
	140	57.1	196.0	48,600*	58.5	194.9	42,800*	60.2	191.9	34,100*	140
	150	54.0	188.4	43,500*	55.3	187.2	40,600*	57.0	184.1	32,800*	150
	160	50.8	180.0	39,100*	52.0	178.7	38,700*				160
	170	47.3	170.4	35,200*	48.6	169.1	35,700*				170
	180	43.6	159.6	31,800*							180
	190	39.7	147.3	28,300*							190

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4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON

BOOM NO. 27B WITH OPEN THROAT TOP

OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT

110,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	
250	65	80.8	302.9	88,000*	80.9	300.9	77,400*				65
	70	79.8	301.9	88,000*							70
	75	78.8	300.8	88,000*	79.9	299.7	74,500*				75
	80	77.8	299.5	87,200*	78.9	298.5	71,800*	80.5	295.8	49,900*	80
	85	76.9	298.2	81,000*	77.9	297.2	69,300*	79.5	294.5	48,600*	85
	90	75.9	296.8	75,600*	76.9	295.8	67,000*	78.5	293.1	47,400*	90
	95	74.9	295.3	70,700*	75.9	294.3	64,900*	77.4	291.5	46,300*	95
	100	73.9	293.7	66,400*	74.9	292.7	62,800*	76.4	289.9	45,200*	100
	110	71.8	290.2	58,800*	72.9	289.2	59,100*	74.4	286.4	43,200*	110
	120	69.8	286.4	52,500*	70.8	285.3	53,000*	72.3	282.5	41,400*	120
	130	67.7	282.1	47,200*	68.8	281.0	47,600*	70.2	278.1	39,800*	130
	140	65.6	277.3	42,500*	66.6	276.2	43,000*	68.0	273.3	38,300*	140
	150	63.4	272.1	38,400*	64.5	271.0	38,900*	65.8	268.0	37,000*	150
	160	61.2	266.4	34,700*	62.3	265.2	35,200*	63.6	262.2	35,700*	160
	170	59.0	260.2	30,400*	60.0	259.0	31,500*	61.3	255.9	32,500*	170
260	180	56.7	253.4	26,400*	57.7	252.1	27,400*	59.0	248.9	28,500*	180
	190	54.3	246.0	22,900*	55.3	244.7	23,700*	56.5	241.4	24,800*	190
	200	51.8	237.9	19,700*	52.8	236.5	20,500*				200
	210	49.3	229.0	16,900*	50.2	227.6	17,500*				210
	220	46.6	219.3	14,300*	47.6	217.9	14,900*				220
	230	43.8	208.7	12,000*							230
	240	40.9	196.9	9,900*							240
	65	81.1	313.1	88,000*							65
	70	80.1	312.1	88,000*							70
	75	79.2	311.0	88,000*	80.3	310.0	75,500*				75
	80	78.2	309.8	84,800*	79.3	308.8	72,800*	80.8	306.1	50,300*	80
	85	77.3	308.6	78,700*	78.3	307.5	70,300*	79.8	304.8	49,100*	85
	90	76.3	307.2	73,300*	77.4	306.2	68,000*	78.8	303.4	47,900*	90
	95	75.4	305.8	68,500*	76.4	304.7	65,900*	77.9	302.0	46,800*	95
	100	74.4	304.2	64,200*	75.4	303.2	63,800*	76.9	300.4	45,700*	100
	110	72.5	300.9	56,700*	73.5	299.8	57,200*	74.9	297.0	43,700*	110
	120	70.5	297.1	50,500*	71.5	296.0	51,000*	72.9	293.2	41,900*	120
	130	68.5	293.0	45,200*	69.5	291.9	45,700*	70.9	289.0	40,300*	130
	140	66.4	288.4	40,700*	67.5	287.3	41,200*	68.8	284.4	38,800*	140
	150	64.4	283.4	36,600*	65.4	282.3	37,100*	66.7	279.3	37,500*	150
	160	62.3	278.0	33,000*	63.3	276.8	33,500*	64.6	273.8	34,100*	160
	170	60.1	272.0	29,600*	61.1	270.8	30,300*	62.4	267.7	30,900*	170
270	180	57.9	265.5	25,600*	58.9	264.3	26,600*	60.1	261.1	27,800*	180
	190	55.6	258.5	22,100*	56.6	257.2	22,900*	57.8	253.9	24,000*	190
	200	53.3	250.8	18,900*	54.3	249.5	19,700*	55.5	246.1	20,700*	200
	210	50.9	242.4	16,000*	51.8	241.1	16,700*				210
	220	48.4	233.3	13,500*	49.3	231.9	14,100*				220
	230	45.8	223.4	11,100*	46.7	221.9	11,700*				230
	240	43.1	212.4	9,000*							240
	250	40.2	200.4	7,100*							250
	70	80.5	322.3	88,000*	80.6	320.2	76,400*				70
	75	79.5	321.2	88,000*							75
	80	78.6	320.1	82,300*	79.6	319.1	73,800*	81.1	316.3	50,700*	80
	85	77.7	318.9	76,300*	78.7	317.8	71,300*	80.1	315.1	49,500*	85
	90	76.8	317.6	70,900*	77.8	316.5	69,000*	79.2	313.8	48,300*	90
	95	75.8	316.2	66,200*	76.9	315.1	66,700*	78.3	312.4	47,200*	95
	100	74.9	314.7	61,900*	75.9	313.6	62,500*	77.3	310.9	46,200*	100
	110	73.0	311.5	54,500*	74.0	310.4	55,100*	75.4	307.6	44,200*	110
	120	71.1	307.8	48,400*	72.1	306.8	48,900*	73.5	303.9	42,400*	120
	130	69.2	303.9	43,200*	70.2	302.7	43,700*	71.5	299.9	40,800*	130
	140	67.2	299.5	38,600*	68.2	298.3	39,200*	69.5	295.4	39,300*	140
	150	65.2	294.7	34,700*	66.2	293.5	35,200*	67.5	290.6	35,900*	150
	160	63.2	289.4	31,200*	64.2	288.2	31,700*	65.5	285.2	32,400*	160
	170	61.2	283.7	28,000*	62.1	282.5	28,500*	63.4	279.4	29,200*	170
	180	59.1	277.5	24,600*	60.0	276.3	25,600*	61.2	273.1	26,300*	180
	190	56.9	270.8	21,000*	57.8	269.5	22,000*	59.0	266.3	23,100*	190
	200	54.7	263.5	17,800*	55.6	262.2	18,700*	56.8	258.9	19,700*	200
	210	52.4	255.6	15,000*	53.3	254.2	15,700*				210
	220	50.0	246.9	12,400*	50.9	245.6	13,100*				220
	230	47.6	237.6	10,100*	48.5	236.1	10,700*				230
	240	45.0	227.4	7,900*	45.9	225.9	8,500*				240
	250	42.3	216.2	6,000*							250
	260	39.5	203.8	4,200*							260

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
220	60	80.8	273.3	88,000*	81.0	271.3	77,600*				60
	65	79.7	272.3	88,000*	79.9	270.1	74,400*				65
	70	78.7	271.1	88,000*	78.8	268.9	71,400*	80.5	266.2	49,900*	70
	75	77.6	269.9	88,000*	77.7	267.5	68,700*	79.4	264.9	48,500*	75
	80	76.5	268.5	88,000*	76.6	266.0	66,100*	78.2	263.4	47,200*	80
	85	75.4	267.0	85,300*	75.4	264.4	63,800*	77.1	261.8	45,900*	85
	90	74.2	265.5	81,500*	74.3	262.7	61,600*	76.0	260.1	44,700*	90
	95	73.1	263.8	78,000*	73.2	260.9	59,600*	74.8	258.2	43,600*	95
	100	72.0	262.0	73,600*	70.9	257.0	55,900*	72.5	254.3	41,600*	100
	110	69.7	258.1	65,700*	68.6	252.6	52,700*	70.1	249.8	39,800*	110
	120	67.4	253.7	59,000*	66.2	247.7	49,800*	67.7	244.8	38,100*	120
	130	65.0	248.8	52,300*	63.8	242.2	47,200*	65.3	239.3	36,600*	130
	140	62.6	243.4	46,400*	61.3	236.2	42,100*	62.8	233.2	35,300*	140
	150	60.1	237.4	41,300*	58.7	229.6	37,600*	60.2	226.5	34,100*	150
	160	57.6	230.8	36,900*	56.1	222.3	33,600*	57.5	219.1	32,900*	160
	170	55.0	223.5	33,000*	53.3	214.2	29,800*				170
	180	52.2	215.5	29,000*	50.5	205.3	26,200*				180
	190	49.4	206.7	25,500*	47.5	195.5	22,900*				190
	200	46.4	196.9	22,300*							200
	210	43.3	186.0	19,500*							210
	220	40.0	173.8	17,000*							220
230	65	80.1	282.5	88,000*	80.2	280.4	75,400*	80.8	276.5	50,400*	65
	70	79.1	281.4	88,000*	79.2	279.2	72,500*	79.8	275.2	49,000*	70
	75	78.0	280.2	88,000*	78.1	277.8	69,800*	78.7	273.8	47,700*	75
	80	77.0	278.9	88,000*	77.1	276.4	67,200*	77.6	272.2	46,400*	80
	85	75.9	277.5	85,900*	76.0	274.9	64,900*	76.5	270.6	45,300*	85
	90	74.8	275.9	80,300*	74.9	273.3	62,700*	75.4	268.8	44,200*	90
	95	73.7	274.3	75,400*	73.8	271.6	60,700*	73.2	265.0	42,200*	95
	100	72.7	272.6	70,900*	71.6	267.8	57,000*	70.9	260.8	40,300*	100
	110	70.5	268.8	63,100*	69.4	263.6	53,800*	68.6	256.0	38,700*	110
	120	68.3	264.6	56,600*	67.1	258.9	50,900*	66.3	250.8	37,200*	120
	130	66.0	260.0	51,000*	64.8	253.7	46,500*	63.9	245.0	35,900*	130
	140	63.7	254.8	45,600*	62.4	247.9	41,300*	61.4	238.6	34,600*	140
	150	61.3	249.1	40,500*	60.0	241.6	36,800*	58.9	231.6	33,500*	150
	160	58.9	242.8	36,100*	57.5	234.7	32,800*	56.3	223.9	29,800*	160
	170	56.4	235.9	31,900*	54.9	227.1	28,800*				170
	180	53.9	228.4	27,900*	52.2	218.8	25,100*				180
	190	51.2	220.1	24,400*	49.5	209.6	21,900*				190
	200	48.4	211.0	21,200*	46.5	199.5	19,000*				200
	210	45.5	200.9	18,400*							210
	220	42.4	189.7	15,900*							220
	230	39.2	177.2	13,600*							230
240	65	80.5	292.7	88,000*	80.6	290.6	76,500*	80.1	285.5	49,500*	65
	70	79.5	291.6	88,000*	79.6	289.5	73,500*	79.1	284.1	48,200*	70
	75	78.4	290.5	88,000*	78.5	288.2	70,800*	78.0	282.7	46,900*	75
	80	77.4	289.2	88,000*	77.5	286.8	68,300*	77.0	281.1	45,800*	80
	85	76.4	287.9	83,700*	76.5	285.4	66,000*	75.9	279.4	44,700*	85
	90	75.4	286.4	78,200*	75.4	283.8	63,800*	75.4	278.2	43,600*	90
	95	74.3	284.8	73,300*	74.4	282.1	61,800*	74.8	276.7	42,700*	95
	100	73.3	283.2	68,800*	72.3	278.5	58,100*	73.8	275.7	42,700*	100
	110	71.2	279.6	61,200*	70.1	274.5	54,800*	71.6	271.6	40,900*	110
	120	69.1	275.5	54,800*	68.0	270.0	49,700*	69.4	267.1	39,300*	120
	130	66.9	271.1	49,300*	65.8	265.0	45,000*	67.2	262.1	37,800*	130
	140	64.7	266.1	44,600*	63.5	259.5	40,800*	64.9	256.5	36,400*	140
	150	62.4	260.7	40,100*	61.2	253.5	36,400*	62.6	250.5	35,200*	150
	160	60.1	254.7	35,700*	58.8	246.9	32,400*	60.2	243.8	33,300*	160
	170	57.8	248.2	31,500*	56.4	239.8	28,300*	57.7	236.5	29,400*	170
	180	55.3	241.0	27,500*	53.8	231.9	24,700*				180
	190	52.8	233.2	23,900*	51.2	223.3	21,500*				190
	200	50.2	224.6	20,800*	48.5	213.8	18,500*				200
	210	47.5	215.2	17,900*	45.6	203.4	15,900*				210
	220	44.7	204.8	15,400*							220
	230	41.6	193.3	13,000*							230
	240	38.4	180.5	10,900*							240

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LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	65	81.1	302.9	88,000*							65
	70	80.1	301.8	88,000*							70
	75	79.1	300.7	83,900*	80.4	299.5	62,800*				75
	80	78.1	299.5	79,900*	79.4	298.3	60,400*				80
	85	77.1	298.2	76,200*	78.5	297.0	58,200*	80.5	294.2	41,300*	85
	90	76.1	296.8	72,800*	77.5	295.6	56,200*	79.5	292.8	40,200*	90
	95	75.1	295.3	69,700*	76.5	294.0	54,300*	78.5	291.3	39,200*	95
	100	74.1	293.7	66,800*	75.4	292.4	52,500*	77.5	289.7	38,300*	100
	110	72.1	290.2	60,800*	73.4	289.0	49,300*	75.4	286.3	36,500*	110
	120	70.1	286.3	54,500*	71.4	285.0	46,500*	73.4	282.4	34,900*	120
	130	68.0	282.0	49,100*	69.3	280.7	44,000*	71.2	278.0	33,500*	130
	140	65.9	277.3	44,400*	67.1	276.0	41,800*	69.1	273.3	32,200*	140
	150	63.7	272.0	40,200*	65.0	270.7	39,700*	66.9	268.0	31,000*	150
	160	61.5	266.3	36,100*	62.8	265.0	37,000*	64.7	262.3	29,900*	160
	170	59.3	260.1	32,100*	60.5	258.7	33,100*	62.4	256.0	28,900*	170
	180	56.9	253.3	28,100*	58.2	251.9	29,200*	60.0	249.1	27,900*	180
250	190	54.6	245.9	24,600*	55.8	244.4	25,500*	57.6	241.6	26,700*	190
	200	52.1	237.8	21,400*	53.3	236.3	22,200*				200
	210	49.5	229.0	18,500*	50.7	227.4	19,300*				210
	220	46.9	219.3	15,900*	48.0	217.6	16,600*				220
	230	44.1	208.6	13,600*	45.2	206.8	14,200*				230
	240	41.1	196.8	11,500*							240
	70	80.4	312.0	88,000*							70
	75	79.5	311.0	85,500*	80.8	309.7	63,600*				75
	80	78.5	309.8	81,400*	79.8	308.6	61,200*				80
	85	77.6	308.5	77,700*	78.8	307.3	59,100*	80.8	304.5	41,700*	85
	90	76.6	307.2	74,300*	77.9	305.9	57,000*	79.9	303.2	40,600*	90
	95	75.6	305.7	70,300*	76.9	304.5	55,200*	78.9	301.7	39,600*	95
	100	74.7	304.2	66,000*	75.9	302.9	53,400*	77.9	300.2	38,700*	100
	110	72.7	300.8	58,500*	74.0	299.6	50,200*	75.9	296.8	36,900*	110
	120	70.7	297.1	52,200*	72.0	295.8	47,400*	73.9	293.1	35,300*	120
	130	68.7	292.9	46,900*	70.0	291.6	44,800*	71.9	288.9	33,900*	130
260	140	66.7	288.4	42,300*	67.9	287.1	42,600*	69.8	284.4	32,600*	140
	150	64.6	283.4	38,200*	65.9	282.0	38,800*	67.7	279.3	31,400*	150
	160	62.5	277.9	34,600*	63.7	276.5	35,200*	65.6	273.8	30,300*	160
	170	60.4	272.0	31,100*	61.6	270.6	31,900*	63.4	267.8	29,300*	170
	180	58.2	265.5	27,100*	59.4	264.0	28,200*	61.2	261.3	28,400*	180
	190	55.9	258.4	23,500*	57.1	256.9	24,500*	58.9	254.2	25,800*	190
	200	53.6	250.7	20,300*	54.7	249.2	21,200*	56.5	246.4	22,400*	200
	210	51.2	242.4	17,500*	52.3	240.8	18,300*				210
	220	48.7	233.3	14,900*	49.8	231.6	15,600*				220
	230	46.0	223.3	12,500*	47.2	221.6	13,200*				230
	240	43.3	212.4	10,400*							240
	250	40.4	200.3	8,500*							250
	70	80.7	322.3	88,000*							70
	75	79.8	321.2	87,100*	81.0	320.0	64,300*				75
	80	78.9	320.1	83,000*	80.1	318.8	62,000*				80
	85	78.0	318.8	78,300*	79.2	317.6	59,900*	81.1	314.8	42,000*	85
	90	77.0	317.5	72,900*	78.3	316.3	57,900*	80.2	313.5	41,000*	90
	95	76.1	316.1	68,100*	77.3	314.9	56,000*	79.3	312.1	40,000*	95
	100	75.2	314.6	63,900*	76.4	313.4	54,200*	78.3	310.6	39,100*	100
	110	73.3	311.4	56,500*	74.5	310.1	51,000*	76.4	307.4	37,300*	110
	120	71.4	307.8	50,300*	72.6	306.5	48,200*	74.5	303.8	35,800*	120
	130	69.4	303.8	45,000*	70.7	302.5	45,600*	72.5	299.8	34,300*	130
	140	67.5	299.4	40,500*	68.7	298.1	41,000*	70.5	295.4	33,000*	140
	150	65.5	294.6	36,500*	66.7	293.3	37,100*	68.5	290.5	31,800*	150
	160	63.5	289.4	32,900*	64.7	288.0	33,500*	66.5	285.3	30,700*	160
	170	61.4	283.6	29,800*	62.6	282.3	30,300*	64.4	279.5	29,700*	170
	180	59.3	277.4	26,300*	60.5	276.0	27,400*	62.2	273.2	28,100*	180
	190	57.1	270.7	22,700*	58.3	269.3	23,800*	60.0	266.5	25,100*	190
	200	54.9	263.4	19,500*	56.1	261.9	20,500*	57.8	259.1	21,700*	200
	210	52.6	255.5	16,600*	53.8	253.9	17,500*				210
	220	50.3	246.9	14,000*	51.4	245.3	14,800*				220
	230	47.8	237.5	11,700*	48.9	235.8	12,400*				230
	240	45.3	227.3	9,600*	46.3	225.5	10,200*				240
	250	42.6	216.1	7,600*							250
	260	39.7	203.7	5,800*							260

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
270	70	81.0	332.4	88,000*							70
	75	80.1	331.4	88,000*							75
	80	79.2	330.3	82,000*	80.4	329.1	62,800*				80
	85	78.3	329.1	75,900*	79.5	327.9	60,600*				85
	90	77.4	327.9	70,600*	78.6	326.6	58,600*	80.5	323.8	41,300*	90
	95	76.5	326.5	65,900*	77.7	325.3	56,800*	79.6	322.5	40,400*	95
	100	75.6	325.1	61,600*	76.8	323.8	55,000*	78.7	321.0	39,400*	100
	110	73.8	321.9	54,300*	75.0	320.7	51,800*	76.8	317.9	37,700*	110
	120	72.0	318.5	48,200*	73.1	317.2	48,800*	75.0	314.4	36,200*	120
	130	70.1	314.6	43,000*	71.3	313.3	43,600*	73.1	310.5	34,700*	130
	140	68.2	310.4	38,500*	69.4	309.1	39,100*	71.2	306.3	33,400*	140
	150	66.3	305.7	34,600*	67.5	304.4	35,200*	69.2	301.6	32,300*	150
	160	64.4	300.7	31,100*	65.5	299.3	31,700*	67.3	296.6	31,200*	160
	170	62.4	295.2	28,000*	63.5	293.8	28,600*	65.3	291.1	29,300*	170
	180	60.4	289.3	25,100*	61.5	287.9	25,700*	63.2	285.1	26,500*	180
	190	58.3	282.8	21,700*	59.4	281.4	22,800*	61.1	278.6	23,800*	190
	200	56.2	275.9	18,500*	57.3	274.4	19,500*	58.9	271.5	20,800*	200
	210	54.0	268.3	15,600*	55.1	266.8	16,500*	56.7	263.9	17,700*	210
	220	51.7	260.1	13,000*	52.8	258.6	13,800*				220
	230	49.4	251.3	10,600*	50.5	249.7	11,400*				230
	240	47.0	241.7	8,500*	48.1	240.0	9,200*				240
	250	44.5	231.2	6,500*	45.5	229.4	7,100*				250
	260	41.8	219.7	4,700*							260

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	60	80.0	242.7	87,900*	80.4	240.3	62,700*				60
	65	78.8	241.5	82,400*	79.2	239.0	59,800*				65
	70	77.5	240.1	77,500*	78.0	237.6	57,100*	80.6	235.1	41,200*	70
	75	76.3	238.7	73,200*	76.7	236.0	54,700*	79.3	233.5	39,900*	75
	80	75.0	237.2	69,300*	75.4	234.3	52,500*	78.0	231.9	38,700*	80
	85	73.8	235.5	65,800*	74.2	232.5	50,400*	76.7	230.1	37,500*	85
	90	72.5	233.7	62,700*	72.9	230.6	48,500*	75.4	228.2	36,400*	90
	95	71.2	231.8	59,800*	71.6	228.5	46,800*	74.1	226.1	35,400*	95
	100	69.9	229.7	57,200*	68.9	224.0	43,600*	71.4	221.6	33,500*	100
	110	67.3	225.2	52,500*	66.2	218.9	40,900*	68.7	216.5	31,900*	110
	120	64.6	220.1	48,600*	63.5	213.2	38,500*	65.9	210.7	30,400*	120
	130	61.9	214.4	45,200*	60.6	206.8	36,300*	63.0	204.3	29,100*	130
	140	59.1	208.1	42,200*	57.7	199.7	34,500*	60.0	197.2	27,900*	140
	150	56.1	201.0	39,700*	54.6	191.7	32,800*	56.9	189.2	26,900*	150
	160	53.1	193.1	37,400*	51.4	182.8	31,300*				160
	170	49.9	184.3	35,300*	48.0	172.9	29,900*				170
190	60	80.4	252.9	88,000*	80.8	250.6	63,700*				60
	65	79.2	251.7	84,400*	79.6	249.3	60,800*				65
	70	78.0	250.5	79,500*	78.5	248.0	58,200*	81.0	245.4	41,700*	70
	75	76.9	249.1	75,100*	77.3	246.5	55,700*	79.7	244.0	40,400*	75
	80	75.7	247.6	71,200*	76.0	244.9	53,500*	78.5	242.4	39,200*	80
	85	74.5	246.0	67,700*	74.8	243.2	51,500*	77.3	240.6	38,000*	85
	90	73.2	244.3	64,500*	73.6	241.3	49,600*	76.0	238.8	36,900*	90
	95	72.0	242.5	61,500*	72.4	239.3	47,800*	74.8	236.8	35,900*	95
	100	70.8	240.5	58,900*	69.8	235.0	44,600*	72.3	232.5	34,100*	100
	110	68.3	236.2	54,200*	67.3	230.2	41,900*	69.7	227.7	32,400*	110
	120	65.7	231.4	50,100*	64.7	224.8	39,500*	67.0	222.3	31,000*	120
	130	63.1	226.0	46,700*	62.0	218.7	37,300*	64.3	216.2	29,600*	130
	140	60.5	220.0	43,700*	59.2	212.0	35,400*	61.5	209.5	28,500*	140
	150	57.7	213.3	41,000*	56.3	204.6	33,700*	58.6	202.0	27,400*	150
	160	54.9	205.9	38,700*	53.3	196.3	32,100*				160
	170	51.9	197.7	34,900*	50.2	187.1	30,800*				170
200	60	80.8	263.1	88,000*	80.1	259.6	61,800*				60
	65	79.7	262.0	86,300*	78.9	258.3	59,200*	81.3	255.7	42,100*	65
	70	78.5	260.8	81,400*	77.8	256.9	56,800*	80.2	254.3	40,800*	70
	75	77.4	259.5	77,000*	76.6	255.4	54,500*	79.0	252.8	39,600*	75
	80	76.2	258.1	73,000*	75.4	253.7	52,500*	77.8	251.2	38,500*	80
	85	75.1	256.5	69,500*	74.3	252.0	50,600*	76.6	249.4	37,400*	85
	90	73.9	254.9	66,200*	73.1	250.1	48,800*	75.4	247.5	36,400*	90
	95	72.8	253.1	63,300*	70.7	246.0	45,700*	73.0	243.4	34,600*	95
	100	71.6	251.3	60,500*	68.2	241.3	42,900*	70.5	238.8	33,000*	100
	110	69.2	247.2	55,800*	65.7	236.2	40,400*	68.0	233.6	31,500*	110
	120	66.8	242.6	51,700*	63.2	230.4	38,300*	65.4	227.9	30,200*	120
	130	64.3	237.4	48,100*	60.6	224.1	36,300*	62.8	221.5	29,000*	130
	140	61.7	231.7	45,000*	57.9	217.1	34,600*	60.0	214.5	27,900*	140
	150	59.1	225.4	42,300*	55.1	209.3	33,000*	57.2	206.7	26,900*	150
	160	56.4	218.5	38,800*	52.1	200.7	31,600*				160
	170	53.7	210.8	34,900*	49.1	191.2	28,700*				170
	180	50.8	202.2	31,500*	45.8	180.5	25,500*				180
	190	47.7	192.8	28,000*							190
	200	44.5	182.2	24,900*							200
	210	41.1	170.3	22,000*							210

MANITOWOC ENGINEERING CO.

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OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT

110,000 LB. CARBODY COUNTERWEIGHT

360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	65	80.0	272.2	88,000*							65
	70	79.0	271.1	83,200*	80.4	269.9	62,700*				70
	75	77.9	269.8	78,800*	79.3	268.7	60,100*				75
	80	76.8	268.5	74,800*	78.2	267.3	57,700*	80.5	264.7	41,300*	80
	85	75.7	267.0	71,200*	77.1	265.8	55,500*	79.4	263.2	40,100*	85
	90	74.5	265.4	67,900*	76.0	264.2	53,500*	78.3	261.6	39,000*	90
	95	73.4	263.7	64,900*	74.9	262.5	51,600*	77.2	259.9	37,900*	95
	100	72.3	261.9	62,200*	73.7	260.7	49,800*	76.0	258.2	36,900*	100
	110	70.0	258.0	57,300*	71.4	256.8	46,600*	73.7	254.2	35,100*	110
	120	67.7	253.6	53,200*	69.1	252.4	43,800*	71.3	249.8	33,500*	120
	130	65.3	248.7	49,600*	66.7	247.5	41,400*	68.9	244.9	32,000*	130
	140	62.9	243.3	46,400*	64.3	242.0	39,200*	66.5	239.4	30,700*	140
	150	60.4	237.3	42,400*	61.8	236.0	37,200*	64.0	233.4	29,500*	150
	160	57.9	230.7	38,000*	59.3	229.4	35,400*	61.4	226.7	28,400*	160
	170	55.3	223.5	34,100*	56.6	222.0	33,900*	58.7	219.4	27,400*	170
220	180	52.5	215.5	30,500*	53.9	214.0	31,300*	55.9	211.3	26,600*	180
	190	49.7	206.6	26,900*	51.0	205.1	27,700*				190
	200	46.7	196.8	23,800*	48.0	195.2	24,500*				200
	210	43.6	186.0	20,900*							210
	220	40.2	173.8	18,400*							220
230	65	80.4	282.5	88,000*							65
	70	79.4	281.4	85,000*	80.8	280.2	63,600*				70
	75	78.3	280.1	80,600*	79.7	279.0	61,000*				75
	80	77.2	278.8	76,500*	78.7	277.6	58,700*	80.9	275.0	41,700*	80
	85	76.2	277.4	72,900*	77.6	276.2	56,500*	79.8	273.6	40,500*	85
	90	75.1	275.9	69,600*	76.5	274.7	54,400*	78.7	272.1	39,400*	90
	95	74.0	274.3	66,500*	75.4	273.1	52,500*	77.6	270.4	38,400*	95
	100	73.0	272.6	63,800*	74.4	271.4	50,800*	76.5	268.7	37,400*	100
	110	70.8	268.8	58,800*	72.2	267.6	47,600*	74.3	265.0	35,600*	110
	120	68.5	264.6	54,600*	69.9	263.3	44,800*	72.1	260.7	34,000*	120
	130	66.3	259.9	50,900*	67.6	258.6	42,300*	69.8	256.0	32,500*	130
	140	64.0	254.7	46,900*	65.3	253.4	40,100*	67.4	250.8	31,200*	140
	150	61.6	249.0	41,800*	63.0	247.7	38,100*	65.0	245.1	30,000*	150
	160	59.2	242.8	37,400*	60.5	241.4	36,300*	62.6	238.8	28,900*	160
	170	56.7	235.9	33,500*	58.0	234.5	34,200*	60.0	231.8	27,900*	170
240	180	54.1	228.3	29,600*	55.4	226.9	30,600*	57.4	224.2	27,000*	180
	190	51.5	220.1	26,100*	52.8	218.5	26,900*				190
	200	48.7	210.9	22,900*	50.0	209.3	23,700*				200
	210	45.8	200.8	20,100*	47.0	199.2	20,800*				210
	220	42.7	189.7	17,500*							220
	230	39.4	177.1	15,200*							230
250	65	80.7	292.7	88,000*							65
	70	79.7	291.6	86,800*	81.1	290.4	64,500*				70
	75	78.7	290.4	82,300*	80.1	289.2	61,900*				75
	80	77.7	289.2	78,200*	79.1	288.0	59,500*	81.2	285.3	42,100*	80
	85	76.7	287.8	74,500*	78.0	286.6	57,400*	80.2	283.9	40,900*	85
	90	75.6	286.4	71,200*	77.0	285.1	55,300*	79.1	282.5	39,800*	90
	95	74.6	284.8	68,100*	76.0	283.6	53,400*	78.1	280.9	38,800*	95
	100	73.6	283.1	65,300*	74.9	281.9	51,700*	77.0	279.3	37,800*	100
	110	71.5	279.5	60,300*	72.8	278.3	48,500*	74.9	275.6	36,100*	110
	120	69.3	275.5	56,000*	70.7	274.2	45,700*	72.7	271.6	34,500*	120
	130	67.2	271.0	50,700*	68.5	269.7	43,200*	70.5	267.1	33,000*	130
	140	65.0	266.1	45,900*	66.3	264.7	40,900*	68.3	262.1	31,700*	140
	150	62.7	260.6	41,000*	64.0	259.3	38,900*	66.0	256.6	30,500*	150
	160	60.4	254.6	36,600*	61.7	253.3	37,100*	63.7	250.6	29,400*	160
	170	58.0	248.1	32,600*	59.3	246.7	33,500*	61.3	244.0	28,400*	170
260	180	55.6	240.9	28,600*	56.9	239.5	29,600*	58.8	236.8	27,500*	180
	190	53.1	233.1	25,000*	54.3	231.6	25,900*	56.2	228.9	26,700*	190
	200	50.5	224.5	21,900*	51.7	223.0	22,700*				200
	210	47.8	215.1	19,000*	49.0	213.5	19,700*				210
	220	44.9	204.8	16,500*	46.1	203.1	17,100*				220
	230	41.9	193.3	14,100*							230
	240	38.7	180.4	12,000*							240

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60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	50	79.9	183.5	87,000*	80.5	181.2	62,600*				50
	55	78.2	182.1	79,900*							55
	60	76.6	180.7	73,900*	78.8	179.7	58,700*				60
	65	74.9	179.0	68,700*	77.1	178.1	55,300*	80.6	176.0	41,100*	65
	70	73.2	177.2	64,200*	75.4	176.2	52,300*	78.9	174.2	39,300*	70
	75	71.5	175.2	60,200*	73.7	174.3	49,600*	77.1	172.2	37,700*	75
	80	69.7	173.1	56,700*	71.9	172.1	47,200*	75.4	170.0	36,200*	80
	85	68.0	170.8	53,500*	70.2	169.7	44,900*	73.6	167.7	34,900*	85
	90	66.2	168.2	50,700*	68.4	167.2	42,900*	71.8	165.2	33,600*	90
	95	64.4	165.5	48,200*	66.5	164.5	41,100*	69.9	162.4	32,500*	95
	100	62.5	162.6	45,900*	64.7	161.5	39,400*	68.0	159.5	31,400*	100
	110	58.7	156.0	41,900*	60.8	154.9	36,500*	64.1	152.9	29,500*	110
	120	54.7	148.5	38,500*	56.8	147.3	33,900*	60.1	145.2	27,800*	120
	130	50.5	139.7	35,700*	52.5	138.4	31,700*				130
	140	45.9	129.5	33,200*	47.9	128.1	29,900*				140
	150	40.9	117.4	31,100*							150
130	50	80.4	193.7	88,000*							50
	55	78.9	192.5	82,600*	81.0	191.5	63,900*				55
	60	77.3	191.1	76,500*	79.4	190.1	60,100*				60
	65	75.7	189.5	71,200*	77.8	188.5	56,700*	81.1	186.4	41,700*	65
	70	74.1	187.8	66,600*	76.2	186.8	53,700*	79.5	184.7	40,000*	70
	75	72.5	186.0	62,500*	74.6	185.0	51,000*	77.9	182.8	38,400*	75
	80	70.9	184.0	59,000*	73.0	182.9	48,600*	76.2	180.8	37,000*	80
	85	69.2	181.8	55,700*	71.3	180.7	46,400*	74.5	178.6	35,600*	85
	90	67.6	179.4	52,900*	69.6	178.4	44,300*	72.8	176.2	34,400*	90
	95	65.9	176.9	50,300*	67.9	175.8	42,500*	71.1	173.7	33,200*	95
	100	64.2	174.2	47,900*	66.2	173.1	40,800*	69.4	170.9	32,200*	100
	110	60.6	168.1	43,800*	62.6	167.0	37,800*	65.8	164.8	30,300*	110
	120	56.9	161.1	40,300*	58.9	159.9	35,200*	62.0	157.8	28,600*	120
	130	53.1	153.1	37,300*	55.0	151.9	33,000*	58.1	149.7	27,200*	130
	140	49.0	143.9	34,800*	50.9	142.6	31,000*				140
	150	44.6	133.2	32,500*	46.4	131.8	29,300*				150
	160	39.7	120.6	30,600*							160
140	50	80.9	204.0	88,000*							50
	55	79.4	202.8	85,100*							55
	60	77.9	201.5	78,900*	80.0	200.4	61,400*				60
	65	76.5	200.0	73,600*	78.5	199.0	58,100*				65
	70	74.9	198.4	68,900*	76.9	197.4	55,100*	80.1	195.1	40,600*	70
	75	73.4	196.7	64,800*	75.4	195.6	52,400*	78.5	193.4	39,100*	75
	80	71.9	194.8	61,200*	73.9	193.7	49,900*	77.0	191.5	37,600*	80
	85	70.3	192.7	57,900*	72.3	191.6	47,700*	75.4	189.4	36,300*	85
	90	68.8	190.5	54,900*	70.7	189.4	45,700*	73.8	187.2	35,100*	90
	95	67.2	188.1	52,300*	69.1	187.0	43,800*	72.2	184.8	33,900*	95
	100	65.6	185.5	49,800*	67.5	184.4	42,100*	70.5	182.2	32,900*	100
	110	62.3	179.9	45,600*	64.2	178.7	39,000*	67.2	176.5	31,000*	110
	120	58.9	173.4	42,000*	60.8	172.2	36,400*	63.7	170.0	29,300*	120
	130	55.3	166.0	39,000*	57.2	164.8	34,100*	60.1	162.5	27,900*	130
	140	51.6	157.6	36,300*	53.4	156.3	32,200*	56.2	154.0	26,600*	140
	150	47.6	148.0	34,000*	49.4	146.6	30,400*				150
	160	43.3	136.9	32,000*							160
	170	38.6	123.8	30,200*							170

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	55	79.9	213.1	87,500*							55
	60	78.5	211.8	81,300*	80.4	210.8	62,600*				60
	65	77.1	210.4	75,900*	79.0	209.4	59,300*				65
	70	75.7	208.9	71,200*	77.6	207.8	56,300*	80.6	205.5	41,200*	70
	75	74.3	207.2	67,000*	76.1	206.2	53,600*	79.1	203.9	39,700*	75
	80	72.8	205.4	63,300*	74.7	204.4	51,200*	77.6	202.1	38,300*	80
	85	71.3	203.5	60,000*	73.2	202.4	49,000*	76.2	200.1	36,900*	85
	90	69.9	201.4	56,900*	71.7	200.3	46,900*	74.6	198.0	35,700*	90
	95	68.4	199.2	54,200*	70.2	198.1	45,000*	73.1	195.8	34,600*	95
	100	66.8	196.8	51,700*	68.7	195.6	43,300*	71.6	193.4	33,600*	100
	110	63.7	191.4	47,400*	65.6	190.3	40,200*	68.4	188.0	31,700*	110
	120	60.6	185.4	43,700*	62.4	184.2	37,600*	65.2	181.9	30,000*	120
	130	57.2	178.5	40,600*	59.0	177.3	35,300*	61.8	175.0	28,500*	130
	140	53.8	170.8	37,800*	55.6	169.5	33,200*	58.3	167.2	27,300*	140
	150	50.2	162.0	35,500*	51.9	160.6	31,500*				150
160	160	46.3	152.0	33,400*	48.0	150.5	29,900*				160
	170	42.1	140.4	31,500*							170
	55	80.4	223.3	88,000*							55
	60	79.1	222.1	83,600*	80.9	221.1	63,800*				60
	65	77.7	220.8	78,200*	79.5	219.7	60,500*				65
	70	76.4	219.4	73,400*	78.2	218.3	57,500*	81.0	215.9	41,700*	70
	75	75.0	217.8	69,100*	76.8	216.7	54,900*	79.6	214.3	40,200*	75
	80	73.6	216.1	65,400*	75.4	215.0	52,400*	78.2	212.6	38,800*	80
	85	72.2	214.2	62,000*	74.0	213.1	50,200*	76.8	210.8	37,600*	85
	90	70.8	212.2	58,900*	72.6	211.1	48,100*	75.4	208.8	36,400*	90
	95	69.4	210.1	56,100*	71.2	209.0	46,300*	74.0	206.7	35,200*	95
	100	68.0	207.8	53,600*	69.7	206.7	44,500*	72.5	204.4	34,200*	100
	110	65.1	202.8	49,200*	66.8	201.7	41,400*	69.5	199.3	32,300*	110
	120	62.1	197.2	45,400*	63.8	195.9	38,700*	66.5	193.6	30,700*	120
	130	59.0	190.7	42,100*	60.7	189.5	36,400*	63.3	187.2	29,200*	130
170	140	55.8	183.5	39,300*	57.4	182.2	34,300*	60.0	179.9	27,900*	140
	150	52.4	175.4	36,900*	54.1	174.1	32,500*	56.6	171.6	26,700*	150
	160	48.9	166.2	34,700*	50.5	164.8	30,900*				160
	170	45.1	155.8	32,800*	46.7	154.3	29,400*				170
	180	41.0	143.9	31,100*							180
	55	80.8	233.5	88,000*							55
	60	79.6	232.4	85,800*							60
	65	78.3	231.1	80,300*	80.0	230.1	61,600*				65
	70	77.0	229.8	75,500*	78.7	228.7	58,700*	81.4	226.2	42,200*	70
	75	75.7	228.3	71,200*	77.4	227.2	56,000*	80.1	224.7	40,700*	75
	80	74.4	226.6	67,400*	76.1	225.5	53,600*	78.8	223.1	39,400*	80
	85	73.0	224.9	63,900*	74.8	223.8	51,300*	77.5	221.4	38,100*	85
	90	71.7	223.0	60,800*	73.4	221.9	49,300*	76.1	219.5	36,900*	90
	95	70.4	221.0	58,000*	72.1	219.8	47,400*	74.7	217.4	35,800*	95
	100	69.0	218.8	55,400*	70.7	217.7	45,700*	73.3	215.3	34,800*	100
	110	66.2	214.1	50,900*	67.9	212.9	42,500*	70.5	210.5	32,900*	110
	120	63.4	208.7	47,000*	65.1	207.5	39,800*	67.7	205.1	31,300*	120
	130	60.5	202.7	43,700*	62.2	201.5	37,400*	64.7	199.1	29,800*	130
	140	57.5	196.0	40,800*	59.1	194.7	35,300*	61.6	192.2	28,500*	140
	150	54.4	188.4	38,300*	56.0	187.0	33,500*	58.4	184.6	27,300*	150
	160	51.1	179.9	36,100*	52.7	178.5	31,800*				160
	170	47.7	170.4	34,100*	49.2	168.9	30,400*				170
	180	44.0	159.6	32,300*	45.5	158.0	29,000*				180
	190	40.0	147.2	29,800*							190

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

70 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	50	80.7	193.8	79,400*							50
	55	79.1	192.5	72,800*							55
	60	77.6	191.1	67,100*	80.0	190.1	53,000*				60
	65	76.0	189.6	62,300*	78.4	188.6	49,900*				65
	70	74.4	187.9	58,100*	76.8	186.9	47,100*	80.7	184.6	35,000*	70
	75	72.8	186.0	54,400*	75.2	185.0	44,500*	79.1	182.7	33,500*	75
	80	71.2	184.0	51,100*	73.6	183.0	42,300*	77.4	180.7	32,100*	80
	85	69.5	181.8	48,200*	71.9	180.8	40,200*	75.7	178.5	30,900*	85
	90	67.8	179.5	45,600*	70.2	178.4	38,400*	74.0	176.1	29,700*	90
	95	66.1	176.9	43,200*	68.5	175.9	36,700*	72.3	173.6	28,600*	95
	100	64.4	174.2	41,100*	66.8	173.1	35,100*	70.5	170.8	27,600*	100
	110	60.9	168.1	37,400*	63.2	167.0	32,400*	66.9	164.7	25,900*	110
	120	57.2	161.2	34,300*	59.5	160.0	30,000*	63.2	157.7	24,300*	120
	130	53.4	153.2	31,700*	55.6	151.9	28,000*	59.2	149.6	23,000*	130
	140	49.3	144.0	29,400*	51.5	142.6	26,200*				140
	150	44.8	133.3	27,400*	47.0	131.8	24,700*				150
	160	40.0	120.7	25,700*							160
130	50	81.2	204.0	81,800*							50
	55	79.7	202.8	75,100*							55
	60	78.2	201.5	69,400*	80.5	200.5	54,200*				60
	65	76.7	200.0	64,500*	79.0	199.0	51,000*				65
	70	75.2	198.4	60,200*	77.5	197.4	48,200*	81.2	195.0	35,500*	70
	75	73.7	196.7	56,400*	76.0	195.6	45,700*	79.7	193.2	34,000*	75
	80	72.2	194.8	53,100*	74.4	193.7	43,500*	78.1	191.3	32,700*	80
	85	70.6	192.7	50,100*	72.9	191.7	41,400*	76.5	189.3	31,500*	85
	90	69.0	190.5	47,400*	71.3	189.4	39,500*	74.9	187.1	30,300*	90
	95	67.4	188.1	45,000*	69.7	187.0	37,800*	73.3	184.7	29,300*	95
	100	65.8	185.6	42,900*	68.1	184.5	36,300*	71.7	182.1	28,300*	100
	110	62.5	179.9	39,100*	64.8	178.8	33,500*	68.3	176.4	26,500*	110
	120	59.1	173.4	35,900*	61.3	172.2	31,100*	64.8	169.8	25,000*	120
	130	55.6	166.1	33,100*	57.7	164.8	29,000*	61.2	162.4	23,600*	130
	140	51.8	157.7	30,800*	54.0	156.3	27,200*	57.3	153.9	22,400*	140
	150	47.8	148.0	28,700*	50.0	146.6	25,700*				150
	160	43.6	136.9	26,900*	45.6	135.4	24,300*				160
	170	38.8	123.9	25,300*							170
140	55	80.2	213.1	77,300*							55
	60	78.8	211.8	71,500*	81.0	210.8	55,300*				60
	65	77.4	210.5	66,600*	79.6	209.4	52,200*				65
	70	75.9	208.9	62,200*	78.1	207.9	49,400*				70
	75	74.5	207.3	58,400*	76.7	206.2	46,900*	80.2	203.7	34,600*	75
	80	73.1	205.5	55,000*	75.2	204.4	44,600*	78.7	201.9	33,200*	80
	85	71.6	203.5	52,000*	73.8	202.4	42,600*	77.2	200.0	32,000*	85
	90	70.1	201.4	49,300*	72.3	200.3	40,700*	75.7	197.9	30,900*	90
	95	68.6	199.2	46,800*	70.8	198.1	39,000*	74.2	195.6	29,800*	95
	100	67.1	196.8	44,600*	69.2	195.7	37,400*	72.6	193.2	28,900*	100
	110	64.0	191.5	40,700*	66.1	190.3	34,600*	69.5	187.8	27,100*	110
	120	60.8	185.4	37,400*	62.9	184.2	32,100*	66.2	181.7	25,600*	120
	130	57.5	178.6	34,500*	59.6	177.3	30,100*	62.8	174.8	24,200*	130
	140	54.0	170.8	32,100*	56.1	169.5	28,200*	59.3	167.0	23,000*	140
	150	50.4	162.0	30,000*	52.4	160.6	26,600*	55.6	158.0	22,000*	150
	160	46.5	152.0	28,100*	48.5	150.5	25,200*				160
	170	42.4	140.5	26,500*							170
	180	37.8	127.0	25,000*							180

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

70 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	55	80.6	223.3	79,400*							55
	60	79.3	222.1	73,600*							60
	65	78.0	220.8	68,600*	80.1	219.7	53,200*				65
	70	76.6	219.4	64,200*	78.7	218.3	50,400*				70
	75	75.2	217.8	60,300*	77.3	216.7	48,000*	80.7	214.1	35,000*	75
	80	73.9	216.1	56,900*	75.9	215.0	45,700*	79.3	212.4	33,700*	80
	85	72.5	214.3	53,800*	74.6	213.1	43,600*	77.8	210.6	32,500*	85
	90	71.1	212.3	51,000*	73.1	211.1	41,800*	76.4	208.6	31,400*	90
	95	69.7	210.2	48,500*	71.7	209.0	40,000*	75.0	206.5	30,400*	95
	100	68.2	207.9	46,200*	70.3	206.7	38,400*	73.5	204.2	29,400*	100
	110	65.3	202.9	42,200*	67.3	201.7	35,600*	70.5	199.1	27,700*	110
	120	62.3	197.2	38,800*	64.3	196.0	33,200*	67.5	193.4	26,200*	120
	130	59.2	190.8	35,900*	61.2	189.5	31,000*	64.3	186.9	24,800*	130
	140	56.0	183.6	33,400*	58.0	182.2	29,200*	61.0	179.6	23,600*	140
	150	52.6	175.5	31,300*	54.6	174.1	27,500*	57.6	171.4	22,500*	150
	160	49.1	166.3	29,300*	51.0	164.8	26,100*				160
	170	45.3	155.9	27,600*	47.2	154.3	24,800*				170
	180	41.3	143.9	26,100*							180
160	55	81.1	233.6	81,400*							55
	60	79.8	232.4	75,600*							60
	65	78.5	231.2	70,500*	80.5	230.1	54,200*				65
	70	77.2	229.8	66,100*	79.2	228.7	51,500*				70
	75	75.9	228.3	62,200*	77.9	227.2	49,000*	81.1	224.5	35,500*	75
	80	74.6	226.7	58,700*	76.6	225.5	46,700*	79.8	222.9	34,200*	80
	85	73.3	224.9	55,500*	75.3	223.8	44,700*	78.4	221.1	33,000*	85
	90	71.9	223.0	52,700*	73.9	221.9	42,800*	77.1	219.2	31,900*	90
	95	70.6	221.0	50,100*	72.6	219.8	41,100*	75.7	217.2	30,900*	95
	100	69.2	218.9	47,800*	71.2	217.7	39,500*	74.3	215.1	30,000*	100
	110	66.5	214.1	43,700*	68.4	212.9	36,600*	71.5	210.3	28,200*	110
	120	63.6	208.8	40,300*	65.6	207.5	34,100*	68.6	204.9	26,700*	120
	130	60.7	202.7	37,300*	62.7	201.4	32,000*	65.6	198.8	25,300*	130
	140	57.7	196.0	34,700*	59.6	194.7	30,100*	62.6	192.0	24,100*	140
	150	54.6	188.4	32,500*	56.5	187.0	28,400*	59.4	184.3	23,100*	150
	160	51.3	179.9	30,500*	53.2	178.5	26,900*	56.0	175.7	22,100*	160
	170	47.9	170.4	28,700*	49.7	168.9	25,600*				170
	180	44.2	159.6	27,200*	46.0	158.0	24,400*				180
	190	40.3	147.3	25,800*							190
170	60	80.2	242.7	77,500*							60
	65	79.0	241.5	72,400*	80.9	240.3	55,100*				65
	70	77.8	240.2	67,900*	79.7	239.0	52,400*				70
	75	76.5	238.7	64,000*	78.4	237.6	50,000*	81.5	234.9	35,900*	75
	80	75.3	237.2	60,400*	77.2	236.0	47,700*	80.2	233.3	34,700*	80
	85	74.0	235.5	57,200*	75.9	234.3	45,700*	78.9	231.6	33,500*	85
	90	72.7	233.7	54,400*	74.6	232.5	43,800*	77.6	229.8	32,400*	90
	95	71.5	231.8	51,800*	73.3	230.6	42,000*	76.3	227.9	31,400*	95
	100	70.2	229.7	49,400*	72.0	228.5	40,400*	75.0	225.9	30,500*	100
	110	67.5	225.2	45,200*	69.4	224.0	37,600*	72.4	221.3	28,700*	110
	120	64.9	220.2	41,700*	66.7	218.9	35,100*	69.6	216.2	27,200*	120
	130	62.1	214.5	38,600*	64.0	213.2	32,900*	66.8	210.5	25,900*	130
	140	59.3	208.1	36,000*	61.1	206.8	31,000*	63.9	204.1	24,700*	140
	150	56.4	201.0	33,700*	58.2	199.7	29,300*	60.9	196.9	23,600*	150
	160	53.3	193.1	31,700*	55.1	191.7	27,800*	57.8	188.9	22,600*	160
	170	50.1	184.3	29,900*	51.9	182.8	26,400*				170
	180	46.8	174.4	28,200*	48.5	172.8	25,200*				180
	190	43.2	163.3	26,800*	44.9	161.6	24,100*				190
	200	39.3	150.5	25,500*							200

MANITOWOC ENGINEERING CO.

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ANSI B30.5
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4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

70 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	60	80.6	252.9	79,400*							60
	65	79.4	251.8	74,200*							65
	70	78.3	250.5	69,700*	80.1	249.3	53,300*				70
	75	77.1	249.1	65,700*	78.9	248.0	50,900*				75
	80	75.9	247.6	62,100*	77.7	246.5	48,700*	80.6	243.7	35,100*	80
	85	74.7	246.0	58,900*	76.5	244.9	46,600*	79.4	242.1	33,900*	85
	90	73.5	244.3	56,000*	75.3	243.1	44,700*	78.2	240.4	32,900*	90
	95	72.2	242.5	53,300*	74.1	241.3	43,000*	76.9	238.5	31,900*	95
	100	71.0	240.5	50,900*	72.8	239.3	41,400*	75.7	236.6	30,900*	100
	110	68.5	236.3	46,700*	70.3	235.0	38,500*	73.1	232.3	29,200*	110
	120	66.0	231.4	43,100*	67.7	230.2	36,000*	70.5	227.4	27,700*	120
	130	63.4	226.0	40,000*	65.1	224.7	33,800*	67.9	222.0	26,400*	130
	140	60.7	220.0	37,300*	62.4	218.7	31,800*	65.2	215.9	25,200*	140
	150	57.9	213.4	34,900*	59.7	212.0	30,100*	62.3	209.2	24,100*	150
	160	55.1	206.0	32,800*	56.8	204.5	28,600*	59.4	201.7	23,100*	160
	170	52.1	197.8	30,900*	53.8	196.3	27,200*	56.4	193.3	22,200*	170
190	60	81.0	263.1	81,100*							60
	65	79.9	262.0	76,000*							65
	70	78.7	260.8	71,400*	80.5	259.6	54,200*				70
	75	77.6	259.5	67,400*	79.4	258.3	51,800*				75
	80	76.4	258.1	63,800*	78.2	256.9	49,600*	81.0	254.0	35,500*	80
	85	75.3	256.5	60,500*	77.0	255.3	47,500*	79.8	252.5	34,300*	85
	90	74.1	254.9	57,600*	75.9	253.7	45,600*	78.7	250.9	33,300*	90
	95	73.0	253.2	54,900*	74.7	251.9	43,900*	77.5	249.1	32,300*	95
	100	71.8	251.3	52,400*	73.5	250.0	42,300*	76.3	247.2	31,400*	100
	110	69.4	247.2	48,100*	71.1	245.9	39,400*	73.8	243.1	29,700*	110
	120	67.0	242.6	44,400*	68.7	241.3	36,900*	71.4	238.5	28,200*	120
	130	64.5	237.5	41,300*	66.2	236.1	34,600*	68.9	233.3	26,900*	130
	140	61.9	231.8	38,500*	63.6	230.4	32,700*	66.3	227.6	25,600*	140
	150	59.3	225.5	36,100*	61.0	224.1	30,900*	63.6	221.2	24,600*	150
	160	56.6	218.5	33,900*	58.3	217.1	29,400*	60.9	214.2	23,600*	160
	170	53.9	210.8	32,000*	55.5	209.3	28,000*	58.0	206.4	22,700*	170
200	60	81.0	263.1	81,100*							60
	65	79.9	262.0	76,000*							65
	70	78.7	260.8	71,400*	80.5	259.6	54,200*				70
	75	77.6	259.5	67,400*	79.4	258.3	51,800*				75
	80	76.4	258.1	63,800*	78.2	256.9	49,600*	81.0	254.0	35,500*	80
	85	75.3	256.5	60,500*	77.0	255.3	47,500*	79.8	252.5	34,300*	85
	90	74.1	254.9	57,600*	75.9	253.7	45,600*	78.7	250.9	33,300*	90
	95	73.0	253.2	54,900*	74.7	251.9	43,900*	77.5	249.1	32,300*	95
	100	71.8	251.3	52,400*	73.5	250.0	42,300*	76.3	247.2	31,400*	100
	110	69.4	247.2	48,100*	71.1	245.9	39,400*	73.8	243.1	29,700*	110
	120	67.0	242.6	44,400*	68.7	241.3	36,900*	71.4	238.5	28,200*	120
	130	64.5	237.5	41,300*	66.2	236.1	34,600*	68.9	233.3	26,900*	130
	140	61.9	231.8	38,500*	63.6	230.4	32,700*	66.3	227.6	25,600*	140
	150	59.3	225.5	36,100*	61.0	224.1	30,900*	63.6	221.2	24,600*	150
	160	56.6	218.5	33,900*	58.3	217.1	29,400*	60.9	214.2	23,600*	160
	170	53.9	210.8	32,000*	55.5	209.3	28,000*	58.0	206.4	22,700*	170
220	60	81.0	263.1	81,100*							60
	65	79.9	262.0	76,000*							65
	70	78.7	260.8	71,400*	80.5	259.6	54,200*				70
	75	77.6	259.5	67,400*	79.4	258.3	51,800*				75
	80	76.4	258.1	63,800*	78.2	256.9	49,600*	81.0	254.0	35,500*	80
	85	75.3	256.5	60,500*	77.0	255.3	47,500*	79.8	252.5	34,300*	85
	90	74.1	254.9	57,600*	75.9	253.7	45,600*	78.7	250.9	33,300*	90
	95	73.0	253.2	54,900*	74.7	251.9	43,900*	77.5	249.1	32,300*	95
	100	71.8	251.3	52,400*	73.5	250.0	42,300*	76.3	247.2	31,400*	100
	110	69.4	247.2	48,100*	71.1	245.9	39,400*	73.8	243.1	29,700*	110
	120	67.0	242.6	44,400*	68.7	241.3	36,900*	71.4	238.5	28,200*	120
	130	64.5	237.5	41,300*	66.2	236.1	34,600*	68.9	233.3	26,900*	130
	140	61.9	231.8	38,500*	63.6	230.4	32,700*	66.3	227.6	25,600*	140
	150	59.3	225.5	36,100*	61.0	224.1	30,900*	63.6	221.2	24,600*	150
	160	56.6	218.5	33,900*	58.3	217.1	29,400*	60.9	214.2	23,600*	160
	170	53.9	210.8	32,000*	55.5	209.3	28,000*	58.0	206.4	22,700*	170

MANITOWOC ENGINEERING CO.

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



LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES

161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

70 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	65	80.6	282.5	79,300*							65
	70	79.5	281.4	74,700*							70
	75	78.5	280.2	70,600*	80.1	278.9	53,500*				75
	80	77.4	278.8	66,900*	79.1	277.6	51,300*				80
	85	76.4	277.4	63,600*	78.0	276.2	49,200*	80.6	273.3	35,100*	85
	90	75.3	275.9	60,600*	76.9	274.7	47,400*	79.5	271.7	34,100*	90
	95	74.2	274.3	57,800*	75.9	273.0	45,600*	78.4	270.1	33,100*	95
	100	73.1	272.6	55,300*	74.8	271.3	44,000*	77.3	268.4	32,200*	100
	110	71.0	268.8	50,900*	72.6	267.5	41,100*	75.1	264.6	30,600*	110
	120	68.7	264.6	47,100*	70.3	263.3	38,500*	72.8	260.4	29,100*	120
	130	66.5	259.9	43,800*	68.1	258.6	36,300*	70.5	255.7	27,800*	130
	140	64.2	254.8	40,900*	65.7	253.4	34,300*	68.2	250.5	26,500*	140
	150	61.8	249.1	38,400*	63.4	247.7	32,500*	65.8	244.7	25,500*	150
	160	59.4	242.8	36,100*	60.9	241.4	30,900*	63.3	238.4	24,500*	160
	170	56.9	235.9	34,100*	58.4	234.4	29,400*	60.8	231.4	23,600*	170
	180	54.3	228.4	31,000*	55.9	226.8	28,100*	58.2	223.8	22,700*	180
	190	51.7	220.1	27,400*	53.2	218.5	26,900*	55.5	215.4	22,000*	190
	200	48.9	210.9	24,300*	50.4	209.3	25,100*				200
	210	46.0	200.9	21,400*	47.4	199.1	22,200*				210
	220	42.9	189.7	18,900*							220
	230	39.6	177.2	16,500*							230
220	65	80.9	292.7	80,900*							65
	70	79.9	291.6	76,300*							70
	75	78.9	290.4	72,200*	80.5	289.2	54,200*				75
	80	77.9	289.2	68,500*	79.5	287.9	52,000*				80
	85	76.9	287.8	65,100*	78.4	286.6	50,000*	80.9	283.6	35,400*	85
	90	75.8	286.4	62,000*	77.4	285.1	48,200*	79.9	282.1	34,400*	90
	95	74.8	284.8	59,300*	76.4	283.5	46,400*	78.8	280.6	33,500*	95
	100	73.7	283.2	56,700*	75.3	281.9	44,800*	77.8	278.9	32,600*	100
	110	71.6	279.5	52,200*	73.2	278.2	41,900*	75.7	275.3	31,000*	110
	120	69.5	275.5	48,300*	71.1	274.2	39,300*	73.5	271.2	29,500*	120
	130	67.3	271.0	45,000*	68.9	269.7	37,100*	71.3	266.7	28,200*	130
	140	65.1	266.1	42,100*	66.7	264.7	35,100*	69.0	261.7	27,000*	140
	150	62.9	260.6	39,500*	64.4	259.2	33,200*	66.7	256.3	25,900*	150
	160	60.6	254.7	37,200*	62.1	253.2	31,600*	64.4	250.2	24,900*	160
230	170	58.2	248.1	33,800*	59.7	246.7	30,200*	62.0	243.6	24,000*	170
	180	55.8	241.0	30,200*	57.3	239.5	28,800*	59.5	236.4	23,200*	180
	190	53.3	233.1	26,600*	54.7	231.6	27,600*	57.0	228.5	22,400*	190
	200	50.7	224.6	23,400*	52.1	222.9	24,300*				200
	210	48.0	215.2	20,600*	49.4	213.5	21,400*				210
	220	45.1	204.8	18,000*	46.5	203.0	18,700*				220
	230	42.1	193.3	15,700*							230
	240	38.9	180.5	13,600*							240
240	70	80.3	301.8	77,800*							70
	75	79.3	300.7	73,700*	80.8	299.5	55,000*				75
	80	78.3	299.5	69,900*	79.8	298.2	52,800*				80
	85	77.3	298.2	66,600*	78.8	296.9	50,800*	81.3	293.9	35,800*	85
	90	76.3	296.8	63,500*	77.8	295.5	48,900*	80.3	292.5	34,800*	90
	95	75.3	295.3	60,700*	76.8	294.0	47,200*	79.2	291.0	33,900*	95
	100	74.3	293.7	58,100*	75.8	292.4	45,600*	78.2	289.4	33,000*	100
	110	72.3	290.2	53,500*	73.8	288.9	42,700*	76.2	285.9	31,400*	110
	120	70.2	286.3	49,600*	71.7	285.0	40,100*	74.1	282.0	29,900*	120
	130	68.2	282.0	46,200*	69.6	280.7	37,800*	72.0	277.7	28,600*	130
	140	66.0	277.3	43,200*	67.5	275.9	35,800*	69.8	272.9	27,400*	140
	150	63.9	272.1	40,600*	65.4	270.7	34,000*	67.6	267.7	26,300*	150
	160	61.7	266.4	36,900*	63.1	264.9	32,300*	65.4	261.9	25,300*	160
	170	59.4	260.1	33,000*	60.9	258.7	30,900*	63.1	255.6	24,400*	170
	180	57.1	253.3	29,100*	58.5	251.8	29,500*	60.7	248.7	23,600*	180
	190	54.7	245.9	25,600*	56.2	244.4	26,600*	58.3	241.2	22,800*	190
	200	52.3	237.8	22,400*	53.7	236.2	23,300*	55.8	233.0	22,100*	200
	210	49.7	229.0	19,500*	51.1	227.3	20,400*				210
	220	47.1	219.3	16,900*	48.4	217.5	17,700*				220
	230	44.3	208.6	14,600*	45.6	206.8	15,300*				230
	240	41.3	196.8	12,500*							240
	250	38.2	183.7	10,500*							250

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JIB NO. 125 WITH 18'9" STRUT ON
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OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
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360 DEGREE RATING

70 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	70	80.6	312.1	79,300*							70
	75	79.6	311.0	75,100*	81.1	309.7	55,700*				75
	80	78.7	309.8	71,400*	80.2	308.5	53,500*				80
	85	77.7	308.5	68,000*	79.2	307.2	51,500*				85
	90	76.8	307.2	64,900*	78.2	305.9	49,700*	80.6	302.8	35,100*	90
	95	75.8	305.7	62,000*	77.3	304.4	48,000*	79.6	301.4	34,200*	95
	100	74.8	304.2	59,400*	76.3	302.9	46,400*	78.6	299.8	33,300*	100
	110	72.9	300.8	54,800*	74.3	299.5	43,400*	76.6	296.5	31,700*	110
	120	70.9	297.1	50,800*	72.4	295.8	40,900*	74.6	292.7	30,300*	120
	130	68.9	293.0	47,400*	70.4	291.6	38,600*	72.6	288.6	29,000*	130
	140	66.9	288.4	44,100*	68.3	287.0	36,500*	70.5	284.0	27,800*	140
	150	64.8	283.4	40,000*	66.2	282.0	34,700*	68.4	278.9	26,700*	150
	160	62.7	277.9	36,300*	64.1	276.5	33,000*	66.3	273.4	25,700*	160
	170	60.5	272.0	32,600*	61.9	270.5	31,500*	64.1	267.4	24,800*	170
	180	58.3	265.5	28,600*	59.7	264.0	29,900*	61.9	260.9	23,900*	180
	190	56.1	258.4	25,100*	57.4	256.9	26,200*	59.6	253.7	23,200*	190
	200	53.7	250.8	21,900*	55.1	249.2	22,900*	57.2	246.0	22,500*	200
	210	51.3	242.4	19,000*	52.7	240.8	19,900*				210
	220	48.8	233.3	16,400*	50.2	231.6	17,200*				220
	230	46.2	223.3	14,100*	47.5	221.5	14,800*				230
	240	43.5	212.4	11,900*	44.8	210.5	12,600*				240
	250	40.6	200.3	10,000*							250
250	70	80.9	322.3	80,800*							70
	75	80.0	321.2	76,600*							75
	80	79.0	320.1	72,800*	80.5	318.8	54,200*				80
	85	78.1	318.8	69,300*	79.6	317.6	52,300*				85
	90	77.2	317.5	66,200*	78.6	316.2	50,400*	80.9	313.1	35,400*	90
	95	76.3	316.1	63,300*	77.7	314.8	48,700*	79.9	311.7	34,500*	95
	100	75.3	314.7	60,700*	76.8	313.3	47,100*	79.0	310.3	33,700*	100
	110	73.4	311.4	56,000*	74.9	310.1	44,200*	77.1	307.0	32,100*	110
	120	71.5	307.8	51,900*	72.9	306.5	41,600*	75.2	303.4	30,600*	120
	130	69.6	303.8	46,600*	71.0	302.5	39,300*	73.2	299.4	29,300*	130
	140	67.7	299.4	42,000*	69.0	298.0	37,200*	71.2	295.0	28,200*	140
	150	65.7	294.6	38,000*	67.0	293.2	35,400*	69.2	290.1	27,100*	150
	160	63.6	289.4	34,400*	65.0	287.9	33,700*	67.1	284.8	26,100*	160
	170	61.6	283.7	31,200*	62.9	282.2	31,800*	65.0	279.1	25,200*	170
	180	59.5	277.5	27,600*	60.8	276.0	28,900*	62.9	272.8	24,300*	180
	190	57.3	270.7	24,000*	58.6	269.2	25,200*	60.7	266.0	23,600*	190
	200	55.1	263.4	20,800*	56.4	261.8	21,900*	58.4	258.6	22,800*	200
	210	52.8	255.5	18,000*	54.1	253.9	18,900*	56.1	250.6	20,200*	210
	220	50.4	246.9	15,400*	51.7	245.2	16,200*				220
	230	48.0	237.5	13,000*	49.3	235.8	13,800*				230
	240	45.4	227.3	10,900*	46.7	225.5	11,600*				240
	250	42.7	216.1	8,900*							250
	260	39.9	203.7	7,100*							260
260	75	80.3	331.4	78,000*							75
	80	79.4	330.3	74,100*	80.8	329.0	54,900*				80
	85	78.5	329.1	70,700*	79.9	327.8	52,900*				85
	90	77.6	327.9	67,500*	79.0	326.6	51,100*	81.2	323.4	35,700*	90
	95	76.7	326.5	64,600*	78.1	325.2	49,400*	80.3	322.1	34,800*	95
	100	75.8	325.1	62,000*	77.2	323.8	47,800*	79.4	320.6	34,000*	100
	110	74.0	322.0	56,100*	75.3	320.6	44,900*	77.5	317.5	32,400*	110
	120	72.1	318.5	50,000*	73.5	317.1	42,300*	75.6	314.0	31,000*	120
	130	70.3	314.6	44,700*	71.6	313.3	40,000*	73.7	310.1	29,700*	130
	140	68.4	310.4	40,200*	69.7	309.0	37,900*	71.8	305.9	28,500*	140
	150	66.5	305.8	36,300*	67.8	304.3	36,100*	69.9	301.2	27,400*	150
	160	64.5	300.7	32,800*	65.8	299.3	33,400*	67.9	296.2	26,400*	160
	170	62.5	295.2	29,600*	63.9	293.8	30,200*	65.9	290.6	25,500*	170
	180	60.5	289.3	26,800*	61.8	287.8	27,400*	63.8	284.6	24,700*	180
	190	58.4	282.8	23,200*	59.7	281.3	24,500*	61.7	278.1	23,900*	190
	200	56.3	275.9	20,000*	57.6	274.3	21,100*	59.6	271.1	22,600*	200
	210	54.1	268.3	17,100*	55.4	266.7	18,100*	57.4	263.4	19,500*	210
	220	51.9	260.2	14,500*	53.2	258.5	15,500*				220
	230	49.6	251.3	12,200*	50.8	249.6	13,000*				230
	240	47.2	241.7	10,000*	48.4	239.9	10,800*				240
	250	44.7	231.2	8,000*	45.9	229.3	8,700*				250
	260	42.0	219.7	6,200*							260
	270	39.2	207.1	4,600*							270

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	55	79.8	202.9	68,200*							55
	60	78.3	201.6	62,700*	81.0	200.6	49,100*				60
	65	75.8	200.1	58,000*	79.5	199.1	46,100*				65
	70	75.3	198.5	54,000*	78.0	197.5	43,400*				70
	75	73.8	196.8	50,400*	76.4	195.8	41,000*	80.6	193.3	30,500*	75
	80	72.3	194.9	47,300*	74.9	193.8	38,800*	79.1	191.4	29,200*	80
	85	70.7	192.8	44,500*	73.3	191.8	36,900*	77.5	189.4	28,000*	85
	90	69.1	190.6	42,000*	71.8	189.5	35,100*	75.9	187.2	26,900*	90
	95	67.5	188.2	39,800*	70.2	187.2	33,500*	74.3	184.8	25,800*	95
	100	65.9	185.7	37,700*	68.5	184.6	32,000*	72.6	182.2	24,900*	100
	110	62.6	180.0	34,200*	65.2	178.9	29,400*	69.3	176.5	23,200*	110
	120	59.2	173.5	31,300*	61.8	172.4	27,100*	65.8	170.0	21,700*	120
	130	55.7	166.2	28,700*	58.2	165.0	25,200*	62.1	162.5	20,400*	130
	140	51.9	157.8	26,600*	54.4	156.5	23,600*	58.3	154.0	19,300*	140
	150	48.0	148.1	24,700*	50.4	146.8	22,100*				150
	160	43.7	137.0	23,100*	46.1	135.5	20,800*				160
	170	39.0	124.0	21,600*							170
130	55	80.3	213.2	70,300*							55
	60	78.9	211.9	64,800*							60
	65	77.5	210.5	60,000*	80.0	209.5	47,100*				65
	70	76.0	209.0	55,900*	78.6	208.0	44,500*				70
	75	74.6	207.3	52,300*	77.1	206.3	42,100*	81.1	203.8	30,900*	75
	80	73.1	205.6	49,100*	75.7	204.5	39,900*	79.6	202.0	29,700*	80
	85	71.7	203.6	46,200*	74.2	202.5	37,900*	78.1	200.0	28,500*	85
	90	70.2	201.5	43,700*	72.7	200.4	36,100*	76.6	197.9	27,400*	90
	95	68.7	199.3	41,400*	71.2	198.2	34,500*	75.1	195.7	26,400*	95
	100	67.2	196.9	39,300*	69.7	195.8	33,000*	73.6	193.3	25,400*	100
	110	64.1	191.5	35,700*	66.6	190.4	30,400*	70.4	187.9	23,800*	110
	120	60.9	185.5	32,600*	63.4	184.3	28,100*	67.2	181.8	22,300*	120
	130	57.6	178.7	30,100*	60.0	177.4	26,200*	63.8	174.9	21,000*	130
	140	54.1	170.9	27,800*	56.5	169.6	24,500*	60.2	167.0	19,900*	140
	150	50.5	162.1	25,900*	52.9	160.8	23,000*	56.5	158.1	18,900*	150
	160	46.6	152.1	24,200*	49.0	150.7	21,600*				160
	170	42.5	140.6	22,700*	44.8	139.0	20,500*				170
	180	37.9	127.1	21,400*							180
140	55	80.7	223.4	72,400*							55
	60	79.4	222.2	66,800*							60
	65	78.0	220.9	62,000*	80.5	219.8	48,100*				65
	70	76.7	219.5	57,800*	79.1	218.4	45,500*				70
	75	75.3	217.9	54,100*	77.7	216.8	43,100*	81.5	214.2	31,400*	75
	80	73.9	216.2	50,800*	76.4	215.1	40,900*	80.1	212.5	30,100*	80
	85	72.6	214.3	47,900*	75.0	213.2	38,900*	78.7	210.6	29,000*	85
	90	71.2	212.3	45,300*	73.5	211.2	37,100*	77.3	208.6	27,900*	90
	95	69.7	210.2	43,000*	72.1	209.1	35,500*	75.9	206.5	26,900*	95
	100	68.3	208.0	40,800*	70.7	206.8	34,000*	74.4	204.2	26,000*	100
	110	65.4	202.9	37,100*	67.8	201.8	31,300*	71.4	199.2	24,300*	110
	120	62.4	197.3	34,000*	64.7	196.1	29,000*	68.4	193.4	22,800*	120
	130	59.3	190.9	31,300*	61.6	189.6	27,100*	65.2	187.0	21,500*	130
	140	56.1	183.7	29,000*	58.4	182.4	25,300*	61.9	179.7	20,400*	140
	150	52.7	175.5	27,000*	55.0	174.2	23,800*	58.5	171.4	19,400*	150
	160	49.2	166.4	25,300*	51.4	164.9	22,400*	54.9	162.1	18,500*	160
	170	45.4	156.0	23,700*	47.6	154.4	21,200*				170
	180	41.4	144.0	22,300*							180

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	
150	55	81.1	233.6	74,300*							55
	60	79.9	232.5	68,700*							60
	65	78.6	231.2	63,800*	80.9	230.1	49,000*				65
	70	77.3	229.9	59,600*	79.6	228.8	46,400*				70
	75	76.0	228.4	55,800*	78.3	227.2	44,000*				75
	80	74.7	226.7	52,500*	77.0	225.6	41,900*	80.6	222.9	30,500*	80
	85	73.4	225.0	49,600*	75.7	223.9	39,900*	79.3	221.1	29,400*	85
	90	72.0	223.1	46,900*	74.3	222.0	38,100*	77.9	219.3	28,300*	90
	95	70.7	221.1	44,500*	73.0	219.9	36,500*	76.5	217.2	27,400*	95
	100	69.3	218.9	42,300*	71.6	217.8	34,900*	75.2	215.1	26,400*	100
	110	66.6	214.2	38,500*	68.8	213.0	32,300*	72.3	210.3	24,800*	110
	120	63.7	208.8	35,300*	66.0	207.6	29,900*	69.5	204.9	23,300*	120
	130	60.8	202.8	32,600*	63.0	201.6	27,900*	66.5	198.8	22,000*	130
	140	57.8	196.1	30,200*	60.0	194.8	26,200*	63.4	192.0	20,900*	140
	150	54.7	188.5	28,200*	56.9	187.2	24,600*	60.2	184.3	19,900*	150
160	160	51.4	180.0	26,300*	53.6	178.6	23,200*	56.9	175.7	19,000*	160
	170	48.0	170.5	24,700*	50.1	169.0	22,000*				170
	180	44.3	159.7	23,300*	46.4	158.1	20,900*				180
	190	40.4	147.4	22,000*							190
	60	80.3	242.7	70,500*							60
	65	79.1	241.5	65,600*							65
	70	77.8	240.2	61,300*	80.1	239.1	47,300*				70
	75	76.6	238.8	57,500*	78.8	237.7	44,900*				75
	80	75.3	237.2	54,200*	77.5	236.1	42,800*	81.0	233.3	30,900*	80
	85	74.1	235.6	51,200*	76.3	234.4	40,800*	79.7	231.6	29,800*	85
	90	72.8	233.8	48,500*	75.0	232.6	39,000*	78.4	229.8	28,800*	90
	95	71.5	231.9	46,000*	73.7	230.7	37,400*	77.1	227.9	27,800*	95
	100	70.2	229.8	43,800*	72.4	228.6	35,900*	75.8	225.8	26,900*	100
	110	67.6	225.3	39,900*	69.8	224.1	33,100*	73.2	221.3	25,300*	110
	120	64.9	220.2	36,600*	67.1	219.0	30,800*	70.4	216.2	23,800*	120
	130	62.2	214.5	33,800*	64.3	213.3	28,800*	67.6	210.5	22,500*	130
	140	59.4	208.2	31,400*	61.5	206.9	27,000*	64.7	204.1	21,400*	140
	150	56.4	201.1	29,300*	58.5	199.8	25,400*	61.7	196.9	20,400*	150
	160	53.4	193.2	27,400*	55.5	191.8	24,000*	58.6	188.9	19,400*	160
	170	50.2	184.4	25,800*	52.3	182.9	22,700*	55.4	179.9	18,600*	170
	180	46.9	174.5	24,300*	48.9	173.0	21,600*				180
	190	43.3	163.4	23,000*	45.3	161.7	20,600*				190
	200	39.4	150.7	21,800*							200
170	60	80.7	253.0	72,300*							60
	65	79.5	251.8	67,400*							65
	70	78.3	250.6	63,000*	80.5	249.4	48,200*				70
	75	77.1	249.2	59,200*	79.3	248.0	45,800*				75
	80	76.0	247.7	55,800*	78.1	246.5	43,700*	81.4	243.7	31,300*	80
	85	74.7	246.1	52,700*	76.9	244.9	41,700*	80.2	242.1	30,200*	85
	90	73.5	244.4	50,000*	75.6	243.2	39,900*	78.9	240.3	29,200*	90
	95	72.3	242.6	47,500*	74.4	241.4	38,300*	77.7	238.5	28,200*	95
	100	71.1	240.6	45,200*	73.2	239.4	36,700*	76.4	236.5	27,300*	100
	110	68.6	236.3	41,300*	70.7	235.1	34,000*	73.9	232.2	25,700*	110
	120	66.0	231.5	37,900*	68.1	230.2	31,700*	71.3	227.4	24,300*	120
	130	63.4	226.1	35,000*	65.5	224.8	29,600*	68.7	221.9	23,000*	130
	140	60.8	220.1	32,500*	62.8	218.8	27,800*	65.9	215.9	21,800*	140
	150	58.0	213.5	30,400*	60.0	212.1	26,200*	63.1	209.1	20,800*	150
	160	55.2	206.1	28,400*	57.1	204.6	24,700*	60.2	201.6	19,900*	160
	170	52.2	197.8	26,700*	54.2	196.4	23,500*	57.2	193.3	19,100*	170
	180	49.1	188.7	25,200*	51.0	187.1	22,300*				180
	190	45.8	178.5	23,900*	47.7	176.8	21,300*				190
	200	42.3	167.0	22,600*	44.2	165.2	20,300*				200
	210	38.5	153.9	21,500*							210

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	60	81.1	263.2	74,000*							60
	65	79.9	262.1	69,000*							65
	70	78.8	260.9	64,700*	80.8	259.7	49,000*				70
	75	77.7	259.6	60,800*	79.7	258.4	46,600*				75
	80	76.5	258.1	57,300*	78.5	256.9	44,500*				80
	85	75.4	256.6	54,200*	77.4	255.4	42,500*	80.6	252.5	30,600*	85
	90	74.2	255.0	51,500*	76.2	253.8	40,700*	79.4	250.8	29,600*	90
	95	73.0	253.2	48,900*	75.0	252.0	39,100*	78.2	249.1	28,600*	95
	100	71.8	251.4	46,600*	73.9	250.1	37,600*	77.0	247.2	27,700*	100
	110	69.5	247.3	42,600*	71.5	246.0	34,800*	74.6	243.1	26,100*	110
	120	67.0	242.7	39,200*	69.0	241.4	32,500*	72.1	238.4	24,700*	120
	130	64.6	237.5	36,200*	66.5	236.2	30,400*	69.6	233.3	23,400*	130
	140	62.0	231.8	33,700*	64.0	230.5	28,600*	67.0	227.5	22,300*	140
	150	59.4	225.5	31,400*	61.4	224.2	26,900*	64.3	221.2	21,300*	150
	160	56.7	218.6	29,500*	58.7	217.1	25,500*	61.6	214.1	20,300*	160
	170	53.9	210.9	27,700*	55.9	209.4	24,200*	58.8	206.3	19,500*	170
	180	51.0	202.3	26,200*	52.9	200.8	23,000*	55.8	197.6	18,700*	180
	190	48.0	192.9	24,800*	49.9	191.3	21,900*				190
	200	44.8	182.3	23,500*	46.6	180.6	21,000*				200
	210	41.4	170.5	22,300*							210
	220	37.7	157.0	21,300*							220
190	65	80.3	272.3	70,700*							65
	70	79.2	271.2	66,300*							70
	75	78.1	269.9	62,400*	80.1	268.7	47,400*				75
	80	77.0	268.5	58,900*	79.0	267.3	45,300*				80
	85	75.9	267.1	55,700*	77.9	265.8	43,400*	80.9	262.8	30,900*	85
	90	74.8	265.5	52,900*	76.8	264.3	41,600*	79.8	261.3	29,900*	90
	95	73.7	263.8	50,300*	75.6	262.6	39,900*	78.7	259.6	29,000*	95
	100	72.6	262.0	48,000*	74.5	260.8	38,400*	77.5	257.8	28,100*	100
	110	70.3	258.1	43,900*	72.2	256.8	35,600*	75.2	253.8	26,500*	110
	120	68.0	253.7	40,400*	69.9	252.4	33,300*	72.8	249.4	25,100*	120
	130	65.6	248.8	37,400*	67.5	247.5	31,200*	70.4	244.5	23,800*	130
	140	63.2	243.4	34,800*	65.1	242.1	29,300*	68.0	239.0	22,700*	140
	150	60.7	237.4	32,500*	62.6	236.0	27,700*	65.5	233.0	21,700*	150
	160	58.2	230.8	30,500*	60.0	229.4	26,200*	62.9	226.3	20,700*	160
	170	55.5	223.6	28,700*	57.4	222.1	24,900*	60.2	219.0	19,900*	170
	180	52.8	215.6	27,100*	54.6	214.0	23,700*	57.4	210.8	19,100*	180
	190	50.0	206.7	25,700*	51.8	205.1	22,600*	54.5	201.9	18,400*	190
	200	47.0	197.0	24,300*	48.8	195.3	21,600*				200
	210	43.9	186.1	22,800*	45.6	184.3	20,700*				210
	220	40.5	173.9	20,300*							220
200	65	80.7	282.6	72,300*							65
	70	79.6	281.4	67,800*							70
	75	78.6	280.2	63,900*	80.5	279.0	48,200*				75
	80	77.5	278.9	60,300*	79.4	277.7	46,100*				80
	85	76.4	277.5	57,200*	78.3	276.3	44,100*	81.3	273.2	31,300*	85
	90	75.4	276.0	54,300*	77.3	274.7	42,300*	80.2	271.7	30,300*	90
	95	74.3	274.4	51,700*	76.2	273.1	40,700*	79.1	270.0	29,400*	95
	100	73.2	272.6	49,300*	75.1	271.4	39,200*	78.0	268.3	28,500*	100
	110	71.0	268.9	45,200*	72.9	267.6	36,400*	75.8	264.5	26,900*	110
	120	68.8	264.7	41,600*	70.7	263.4	34,000*	73.5	260.3	25,500*	120
	130	66.5	260.0	38,500*	68.4	258.7	31,900*	71.2	255.6	24,300*	130
	140	64.2	254.8	35,900*	66.1	253.5	30,000*	68.9	250.4	23,100*	140
	150	61.9	249.1	33,600*	63.7	247.7	28,400*	66.5	244.6	22,100*	150
	160	59.5	242.9	31,500*	61.3	241.4	26,900*	64.0	238.3	21,200*	160
	170	57.0	236.0	29,700*	58.8	234.5	25,500*	61.5	231.3	20,300*	170
	180	54.4	228.4	28,000*	56.2	226.9	24,300*	58.9	223.7	19,500*	180
	190	51.7	220.2	26,500*	53.5	218.6	23,200*	56.1	215.3	18,800*	190
	200	49.0	211.0	25,200*	50.7	209.4	22,200*				200
	210	46.1	201.0	22,900*	47.8	199.2	21,300*				210
	220	43.0	189.8	20,300*	44.7	187.9	20,500*				220
	230	39.7	177.3	18,000*							230

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
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4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	POINT ELEV. FEET	CAPACITY POUNDS	
210	65	81.0	292.8	73,800*							65
	70	80.0	291.7	69,300*							70
	75	79.0	290.5	65,400*	80.8	289.3	48,900*				75
	80	77.9	289.2	61,800*	79.8	288.0	46,800*				80
	85	76.9	287.9	58,600*	78.7	286.6	44,900*				85
	90	75.9	286.4	55,700*	77.7	285.2	43,100*	80.6	282.0	30,600*	90
	95	74.9	284.9	53,000*	76.7	283.6	41,400*	79.5	280.5	29,700*	95
	100	73.8	283.2	50,600*	75.6	281.9	39,900*	78.4	278.8	28,900*	100
	110	71.7	279.6	46,400*	73.5	278.3	37,200*	76.3	275.2	27,300*	110
	120	69.6	275.6	42,800*	71.4	274.2	34,700*	74.1	271.1	25,900*	120
	130	67.4	271.1	39,700*	69.2	269.7	32,600*	71.9	266.6	24,600*	130
	140	65.2	266.1	37,000*	67.0	264.8	30,700*	69.7	261.6	23,500*	140
	150	63.0	260.7	34,600*	64.7	259.3	29,100*	67.4	256.1	22,500*	150
	160	60.7	254.7	32,500*	62.4	253.3	27,500*	65.1	250.1	21,500*	160
	170	58.3	248.2	30,600*	60.0	246.7	26,200*	62.6	243.5	20,700*	170
	180	55.9	241.0	28,900*	57.6	239.5	25,000*	60.2	236.3	19,900*	180
	190	53.3	233.2	27,400*	55.0	231.6	23,800*	57.6	228.3	19,200*	190
	200	50.7	224.7	24,600*	52.4	223.0	22,800*	54.9	219.6	18,600*	200
	210	48.0	215.2	21,800*	49.7	213.5	21,900*				210
	220	45.2	204.9	19,200*	46.8	203.1	20,000*				220
	230	42.2	193.4	16,900*							230
	240	39.0	180.6	14,800*							240
220	70	80.3	301.9	70,800*							70
	75	79.3	300.8	66,800*	81.1	299.5	49,600*				75
	80	78.4	299.6	63,200*	80.1	298.3	47,500*				80
	85	77.4	298.3	60,000*	79.1	297.0	45,600*				85
	90	76.4	296.8	57,000*	78.1	295.6	43,800*	80.9	292.4	30,900*	90
	95	75.4	295.4	54,400*	77.1	294.1	42,200*	79.9	290.9	30,000*	95
	100	74.4	293.8	51,900*	76.1	292.5	40,600*	78.9	289.3	29,200*	100
	110	72.4	290.3	47,600*	74.1	289.0	37,900*	76.8	285.8	27,600*	110
	120	70.3	286.4	44,000*	72.0	285.1	35,500*	74.7	281.9	26,300*	120
	130	68.2	282.1	40,800*	69.9	280.7	33,300*	72.6	277.6	25,000*	130
	140	66.1	277.3	38,000*	67.8	276.0	31,400*	70.5	272.8	23,900*	140
	150	63.9	272.1	35,600*	65.6	270.7	29,700*	68.3	267.5	22,900*	150
	160	61.7	266.4	33,400*	63.4	265.0	28,200*	66.0	261.8	21,900*	160
	170	59.5	260.2	31,500*	61.2	258.7	26,800*	63.7	255.5	21,100*	170
	180	57.2	253.4	29,800*	58.8	251.9	25,600*	61.4	248.6	20,300*	180
	190	54.8	246.0	27,000*	56.5	244.4	24,400*	58.9	241.1	19,600*	190
	200	52.3	237.9	23,800*	54.0	236.3	23,400*	56.4	232.9	18,900*	200
	210	49.8	229.1	21,000*	51.4	227.4	21,900*				210
	220	47.1	219.4	18,400*	48.7	217.6	19,200*				220
	230	44.3	208.7	16,000*	45.9	206.9	16,800*				230
	240	41.4	196.9	13,900*							240
	250	38.2	183.8	12,000*							250
230	70	80.6	312.1	72,200*							70
	75	79.7	311.0	68,200*							75
	80	78.7	309.9	64,600*	80.5	308.6	48,200*				80
	85	77.8	308.6	61,300*	79.5	307.3	46,300*				85
	90	76.8	307.2	58,300*	78.5	305.9	44,500*	81.2	302.7	31,200*	90
	95	75.9	305.8	55,600*	77.6	304.5	42,900*	80.2	301.3	30,300*	95
	100	74.9	304.3	53,200*	76.6	302.9	41,300*	79.2	299.7	29,500*	100
	110	72.9	300.9	48,800*	74.6	299.6	38,600*	77.3	296.4	28,000*	110
	120	71.0	297.2	45,100*	72.7	295.8	36,200*	75.3	292.6	26,600*	120
	130	69.0	293.0	41,900*	70.6	291.7	34,000*	73.2	288.4	25,400*	130
	140	66.9	288.5	39,100*	68.6	287.1	32,100*	71.2	283.8	24,200*	140
	150	64.9	283.5	36,600*	66.5	282.0	30,400*	69.0	278.8	23,200*	150
	160	62.8	278.0	34,400*	64.4	276.6	28,900*	66.9	273.3	22,300*	160
	170	60.6	272.0	32,400*	62.2	270.6	27,500*	64.7	267.3	21,400*	170
	180	58.4	265.6	29,500*	60.0	264.0	26,200*	62.5	260.7	20,600*	180
	190	56.1	258.5	25,900*	57.7	256.9	25,000*	60.2	253.6	19,900*	190
	200	53.8	250.8	22,800*	55.4	249.2	23,900*	57.8	245.8	19,300*	200
	210	51.4	242.5	19,900*	53.0	240.8	20,900*	55.3	237.3	18,700*	210
	220	48.9	233.4	17,300*	50.4	231.6	18,200*				220
	230	46.3	223.4	15,000*	47.8	221.6	15,800*				230
	240	43.5	212.5	12,800*	45.0	210.6	13,600*				240
	250	40.6	200.4	10,900*							250
	260	37.5	187.0	9,100*							260

MANITOWOC ENGINEERING CO.

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



LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
110,000 LB. CARBODY COUNTERWEIGHT
360 DEGREE RATING

80 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	70	80.9	322.3	73,600*							70
	75	80.0	321.3	69,600*							75
	80	79.1	320.1	65,900*	80.8	318.8	48,900*				80
	85	78.2	318.9	62,600*	79.8	317.6	47,000*				85
	90	77.3	317.6	59,600*	78.9	316.3	45,200*				90
	95	76.3	316.2	56,900*	78.0	314.9	43,600*	80.5	311.6	30,600*	95
	100	75.4	314.7	54,400*	77.0	313.4	42,000*	79.6	310.1	29,800*	100
	110	73.5	311.5	50,000*	75.1	310.1	39,300*	77.7	306.9	28,300*	110
	120	71.6	307.9	46,200*	73.2	306.5	36,800*	75.7	303.3	26,900*	120
	130	69.7	303.9	43,000*	71.3	302.5	34,700*	73.8	299.2	25,700*	130
	140	67.7	299.5	40,100*	69.3	298.1	32,800*	71.8	294.8	24,600*	140
	150	65.7	294.7	37,600*	67.3	293.3	31,000*	69.8	290.0	23,600*	150
	160	63.7	289.4	35,300*	65.3	288.0	29,500*	67.7	284.7	22,600*	160
	170	61.6	283.7	32,800*	63.2	282.3	28,100*	65.6	278.9	21,800*	170
	180	59.5	277.5	29,000*	61.1	276.0	26,800*	63.5	272.7	21,000*	180
	190	57.4	270.8	25,400*	58.9	269.2	25,600*	61.3	265.9	20,300*	190
	200	55.2	263.5	22,200*	56.7	261.9	23,400*	59.0	258.5	19,600*	200
	210	52.9	255.6	19,400*	54.4	253.9	20,400*	56.7	250.4	19,000*	210
	220	50.5	247.0	16,800*	52.0	245.3	17,700*				220
	230	48.0	237.6	14,400*	49.5	235.8	15,300*				230
250	240	45.5	227.4	12,300*	47.0	225.5	13,100*				240
	250	42.8	216.2	10,300*	44.2	214.2	11,000*				250
	260	39.9	203.8	8,500*							260
	75	80.3	331.5	70,900*							75
	80	79.4	330.4	67,200*	81.0	329.1	49,500*				80
	85	78.5	329.2	63,900*	80.2	327.9	47,600*				85
	90	77.6	327.9	60,900*	79.3	326.6	45,800*				90
	95	76.7	326.6	58,100*	78.3	325.2	44,200*	80.8	321.9	30,900*	95
	100	75.8	325.2	55,600*	77.4	323.8	42,700*	79.9	320.5	30,100*	100
	110	74.0	322.0	51,200*	75.6	320.7	39,900*	78.1	317.4	28,600*	110
	120	72.2	318.5	47,300*	73.8	317.2	37,500*	76.2	313.9	27,300*	120
	130	70.3	314.7	44,000*	71.9	313.3	35,300*	74.3	310.0	26,000*	130
	140	68.4	310.5	41,100*	70.0	309.0	33,400*	72.4	305.7	24,900*	140
	150	66.5	305.8	37,700*	68.1	304.4	31,700*	70.5	301.1	23,900*	150
	160	64.6	300.8	34,200*	66.1	299.3	30,100*	68.5	296.0	23,000*	160
	170	62.6	295.3	31,000*	64.1	293.8	28,700*	66.5	290.5	22,100*	170
	180	60.6	289.4	28,000*	62.1	287.8	27,400*	64.4	284.5	21,300*	180
	190	58.5	282.9	24,400*	60.0	281.4	25,800*	62.3	277.9	20,600*	190
	200	56.4	275.9	21,200*	57.9	274.3	22,400*	60.1	270.9	19,900*	200
	210	54.2	268.4	18,300*	55.7	266.8	19,500*	57.9	263.3	19,300*	210
	220	52.0	260.2	15,700*	53.4	258.5	16,800*	55.6	255.0	18,100*	220
	230	49.6	251.4	13,400*	51.1	249.6	14,300*				230
	240	47.2	241.8	11,200*	48.7	239.9	12,100*				240
	250	44.7	231.3	9,200*	46.1	229.4	10,000*				250
	260	42.1	219.8	7,400*							260
	270	39.3	207.2	5,800*							270

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 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	
260	75	80.6	341.7	72,200*							75
	80	79.8	340.6	68,500*							80
	85	78.9	339.5	65,200*	80.4	338.1	48,200*				85
	90	78.0	338.3	62,100*	79.6	336.9	46,500*				90
	95	77.1	336.9	59,300*	78.7	335.6	44,800*	81.1	332.2	31,200*	95
	100	76.3	335.6	56,800*	77.8	334.2	43,300*	80.2	330.8	30,400*	100
	110	74.5	332.5	52,300*	76.1	331.2	40,600*	78.5	327.8	28,900*	110
	120	72.7	329.2	48,400*	74.3	327.8	38,100*	76.6	324.4	27,600*	120
	130	70.9	325.4	44,400*	72.5	324.0	36,000*	74.8	320.7	26,400*	130
	140	69.1	321.3	39,900*	70.6	319.9	34,000*	73.0	316.6	25,200*	140
	150	67.3	316.9	36,000*	68.8	315.4	32,300*	71.1	312.1	24,200*	150
	160	65.4	312.0	32,500*	66.9	310.6	30,700*	69.2	307.2	23,300*	160
	170	63.5	306.7	29,400*	65.0	305.3	29,300*	67.2	301.9	22,400*	170
	180	61.5	301.0	26,600*	63.0	299.5	27,300*	65.3	296.1	21,600*	180
	190	59.6	294.9	23,600*	61.0	293.3	24,700*	63.3	289.9	20,900*	190
	200	57.5	288.2	20,400*	59.0	286.6	21,700*	61.2	283.1	20,200*	200
	210	55.5	281.0	17,500*	56.9	279.4	18,700*	59.1	275.8	19,600*	210
	220	53.3	273.2	14,900*	54.7	271.5	16,000*	56.9	268.0	17,400*	220
	230	51.1	264.8	12,500*	52.5	263.1	13,500*	54.6	259.4	14,800*	230
	240	48.8	255.7	10,400*	50.2	253.9	11,300*				240
	250	46.5	245.9	8,400*	47.8	244.0	9,200*				250
	260	44.0	235.1	6,600*	45.4	233.2	7,300*				260
	270	41.4	223.4	4,900*							270