

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

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

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

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM 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 EEPs, 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	78.7	165.3	88,000*	80.4	164.9	88,000*	80.9	162.3	69,900*	40
	45	76.9	164.2	88,000*	78.6	163.7	88,000*	80.9	162.3	69,900*	45
	50	75.0	162.9	88,000*	76.7	162.4	88,000*	79.0	161.0	66,000*	50
	55	73.2	161.4	88,000*	74.8	160.9	88,000*	77.2	159.5	62,500*	55
	60	71.3	159.7	88,000*	72.9	159.2	88,000*	75.2	157.8	59,500*	60
	65	69.4	157.8	88,000*	71.0	157.3	82,600*	73.3	155.9	56,700*	65
	70	67.4	155.7	88,000*	69.1	155.3	77,800*	71.3	153.8	54,200*	70
	75	65.5	153.5	88,000*	67.1	153.0	73,600*	69.3	151.5	51,900*	75
	80	63.5	151.0	84,100*	65.1	150.5	69,800*	67.3	149.0	49,800*	80
	85	61.4	148.3	79,100*	63.1	147.8	66,400*	65.2	146.2	48,000*	85
	90	59.4	145.4	74,700*	61.0	144.9	63,300*	63.1	143.2	46,200*	90
	95	57.2	142.2	70,800*	58.8	141.7	60,500*	61.0	140.0	44,600*	95
	100	55.1	138.7	67,200*	56.7	138.2	58,000*	58.8	136.5	43,200*	100
	110	50.5	130.9	61,100*	52.1	130.3	53,600*	54.1	128.5	40,600*	110
	120	45.6	121.6	56,000*	47.2	121.0	49,800*				120
	130	40.3	110.6	51,700*	41.8	109.9	46,600*				130
	140	34.2	97.0	48,000*							140

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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	
130	40	79.4	175.6	88,000*							40
	45	77.7	174.5	88,000*	79.3	174.0	88,000*				45
	50	75.9	173.2	88,000*	77.5	172.8	88,000*	79.7	171.3	67,300*	50
	55	74.2	171.8	88,000*	75.8	171.4	88,000*	77.9	169.9	63,900*	55
	60	72.4	170.2	88,000*	74.0	169.8	88,000*	76.2	168.3	60,900*	60
	65	70.6	168.5	88,000*	72.2	168.0	85,800*	74.3	166.5	58,100*	65
	70	68.8	166.6	88,000*	70.4	166.1	81,000*	72.5	164.6	55,600*	70
	75	67.0	164.5	88,000*	68.6	164.0	76,600*	70.7	162.5	53,400*	75
	80	65.2	162.2	88,000*	66.7	161.7	72,800*	68.8	160.1	51,300*	80
	85	63.3	159.7	83,600*	64.8	159.2	69,300*	66.9	157.6	49,400*	85
	90	61.3	157.0	78,900*	62.9	156.5	66,100*	64.9	154.8	47,700*	90
	95	59.4	154.0	74,800*	60.9	153.5	63,200*	62.9	151.9	46,100*	95
	100	57.4	150.9	71,100*	58.9	150.3	60,600*	60.9	148.6	44,600*	100
	110	53.3	143.7	64,600*	54.8	143.2	56,000*	56.7	141.4	42,000*	110
	120	48.9	135.4	59,300*	50.4	134.8	52,100*	52.2	132.9	39,700*	120
	130	44.2	125.7	54,700*	45.6	125.1	48,800*				130
	140	39.0	114.1	50,800*	40.4	113.4	45,900*				140
140	40	80.0	185.7	88,000*							40
	45	78.4	184.7	88,000*	79.9	184.3	88,000*				45
	50	76.7	183.5	88,000*	78.2	183.1	88,000*	80.3	181.6	68,600*	50
	55	75.1	182.2	88,000*	76.6	181.8	88,000*	78.6	180.3	65,200*	55
	60	73.4	180.7	88,000*	74.9	180.3	88,000*	77.0	178.8	62,200*	60
	65	71.8	179.1	88,000*	73.2	178.6	88,000*	75.3	177.1	59,500*	65
	70	70.1	177.3	88,000*	71.5	176.8	84,000*	73.6	175.3	57,000*	70
	75	68.4	175.3	88,000*	69.8	174.9	79,600*	71.8	173.3	54,800*	75
	80	66.6	173.2	88,000*	68.1	172.7	75,600*	70.1	171.1	52,700*	80
	85	64.9	170.9	87,900*	66.3	170.4	72,000*	68.3	168.8	50,800*	85
	90	63.1	168.3	83,100*	64.5	167.8	68,800*	66.5	166.2	49,000*	90
	95	61.3	165.6	78,800*	62.7	165.1	65,900*	64.6	163.5	47,400*	95
	100	59.4	162.7	74,900*	60.9	162.2	63,200*	62.8	160.5	45,900*	100
	110	55.6	156.1	68,100*	57.1	155.6	58,400*	58.9	153.8	43,300*	110
	120	51.6	148.6	62,500*	53.0	148.0	54,400*	54.9	146.2	41,000*	120
	130	47.4	139.8	57,000*	48.8	139.2	50,900*	50.5	137.2	39,000*	130
	140	42.8	129.6	51,200*	44.2	128.9	47,900*				140
	150	37.8	117.5	46,100							150
150	40	80.5	195.9	88,000*							40
	45	79.0	194.9	88,000*	80.4	194.5	88,000*				45
	50	77.5	193.8	88,000*	78.9	193.4	88,000*	80.8	191.9	69,700*	50
	55	75.9	192.6	88,000*	77.3	192.1	88,000*	79.3	190.6	66,400*	55
	60	74.3	191.2	88,000*	75.7	190.7	88,000*	77.7	189.2	63,500*	60
	65	72.8	189.7	88,000*	74.2	189.2	88,000*	76.1	187.7	60,800*	65
	70	71.2	188.0	88,000*	72.6	187.5	86,900*	74.5	185.9	58,300*	70
	75	69.6	186.1	88,000*	71.0	185.6	82,400*	72.8	184.1	56,100*	75
	80	67.9	184.1	88,000*	69.3	183.6	78,400*	71.2	182.0	54,000*	80
	85	66.3	181.9	88,000*	67.7	181.4	74,700*	69.5	179.8	52,100*	85
	90	64.6	179.5	87,200*	66.0	179.0	71,400*	67.9	177.4	50,400*	90
	95	62.9	177.0	82,700*	64.3	176.5	68,400*	66.1	174.9	48,700*	95
	100	61.2	174.3	78,600*	62.6	173.8	65,600*	64.4	172.1	47,200*	100
	110	57.7	168.2	71,400	59.0	167.7	60,800*	60.8	165.9	44,500*	110
	120	54.0	161.2	63,000	55.3	160.7	56,600*	57.1	158.9	42,200*	120
	130	50.1	153.3	56,100	51.5	152.7	53,000*	53.2	150.7	40,100*	130
	140	46.0	144.1	50,200	47.4	143.4	49,900*				140
	150	41.6	133.4	45,200	42.9	132.7	45,600				150
	160	36.8	120.8	40,900							160

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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	
160	45	79.6	205.1	88,000*	80.9	204.7	88,000*				45
	50	78.1	204.1	88,000*	79.4	203.6	88,000*				50
	55	76.6	202.9	88,000*	78.0	202.4	88,000*	79.8	200.9	67,500*	55
	60	75.1	201.6	88,000*	76.5	201.1	88,000*	78.3	199.6	64,600*	60
	65	73.6	200.1	88,000*	75.0	199.7	88,000*	76.8	198.1	62,000*	65
	70	72.1	198.5	88,000*	73.5	198.1	88,000*	75.3	196.5	59,500*	70
	75	70.6	196.8	88,000*	72.0	196.3	85,100*	73.8	194.7	57,300*	75
	80	69.1	194.9	88,000*	70.4	194.4	81,000*	72.2	192.8	55,200*	80
	85	67.5	192.8	88,000*	68.9	192.3	77,300*	70.6	190.7	53,300*	85
	90	66.0	190.6	88,000*	67.3	190.1	73,900*	69.1	188.5	51,600*	90
	95	64.4	188.2	86,600*	65.7	187.7	70,900*	67.5	186.1	50,000*	95
	100	62.8	185.7	81,300	64.1	185.2	68,000*	65.8	183.5	48,400*	100
	110	59.5	180.0	71,100	60.8	179.5	63,000*	62.5	177.8	45,700*	110
	120	56.1	173.5	62,700	57.4	173.0	58,800*	59.0	171.2	43,300*	120
	130	52.5	166.2	55,800	53.8	165.6	55,100*	55.4	163.7	41,300*	130
	140	48.8	157.8	49,900	50.0	157.2	50,400*	51.6	155.2	39,400*	140
	150	44.8	148.2	44,900	46.0	147.5	45,300				150
	160	40.5	137.1	40,600	41.7	136.4	40,900				160
	170	35.8	124.0	36,600*							170
170	45	80.1	215.3	88,000*							45
	50	78.7	214.3	88,000*	80.0	213.9	88,000*				50
	55	77.3	213.2	88,000*	78.6	212.7	88,000*	80.3	211.2	68,600*	55
	60	75.9	212.0	88,000*	77.1	211.5	88,000*	78.9	209.9	65,700*	60
	65	74.4	210.6	88,000*	75.7	210.1	88,000*	77.5	208.5	63,100*	65
	70	73.0	209.1	88,000*	74.3	208.6	88,000*	76.0	207.0	60,700*	70
	75	71.6	207.4	88,000*	72.9	206.9	87,700*	74.6	205.3	58,500*	75
	80	70.1	205.6	88,000*	71.4	205.1	83,600*	73.1	203.5	56,400*	80
	85	68.7	203.7	88,000*	69.9	203.2	79,800*	71.6	201.6	54,500*	85
	90	67.2	201.6	88,000*	68.4	201.1	76,400*	70.1	199.4	52,800*	90
	95	65.7	199.3	86,400	66.9	198.8	73,200*	68.6	197.2	51,100*	95
	100	64.2	196.9	80,400	65.4	196.4	70,400*	67.1	194.7	49,600*	100
	110	61.1	191.6	70,200	62.3	191.1	65,300*	64.0	189.4	46,900*	110
	120	57.9	185.6	61,900	59.1	185.0	60,900*	60.7	183.2	44,500*	120
	130	54.6	178.7	54,900	55.8	178.1	55,500*	57.4	176.3	42,300*	130
	140	51.1	171.0	49,100	52.3	170.4	49,600	53.9	168.4	40,500*	140
	150	47.5	162.2	44,000	48.7	161.6	44,500				150
	160	43.6	152.2	39,700	44.8	151.5	40,100				160
	170	39.5	140.6	35,900	40.6	139.9	36,200				170
	180	34.9	127.2	31,700*							180
180	45	80.5	225.5	88,000*							45
	50	79.2	224.5	88,000*	80.4	224.1	88,000*				50
	55	77.9	223.5	88,000*	79.1	223.0	88,000*	80.8	221.5	69,600*	55
	60	76.5	222.3	88,000*	77.7	221.8	88,000*	79.4	220.2	66,700*	60
	65	75.2	221.0	88,000*	76.4	220.5	88,000*	78.1	218.9	64,100*	65
	70	73.8	219.5	88,000*	75.0	219.0	88,000*	76.7	217.5	61,800*	70
	75	72.5	217.9	88,000*	73.7	217.5	88,000*	75.3	215.9	59,600*	75
	80	71.1	216.2	88,000*	72.3	215.7	86,000*	73.9	214.1	57,500*	80
	85	69.7	214.4	88,000*	70.9	213.9	82,200*	72.5	212.3	55,600*	85
	90	68.3	212.4	88,000*	69.5	211.9	78,800*	71.1	210.3	53,900*	90
	95	66.9	210.3	85,800	68.1	209.8	75,600*	69.7	208.1	52,300*	95
	100	65.4	208.0	79,800	66.6	207.5	72,600*	68.2	205.8	50,700*	100
	110	62.5	203.0	69,600	63.7	202.5	67,400*	65.3	200.8	48,000*	110
	120	59.5	197.3	61,200	60.7	196.8	62,000	62.3	195.0	45,500*	120
	130	56.4	190.9	54,300	57.6	190.4	54,900	59.1	188.6	43,400*	130
	140	53.2	183.7	48,400	54.4	183.2	49,000	55.9	181.3	41,500*	140
	150	49.9	175.6	43,400	51.0	175.0	43,900	52.5	173.0	39,800*	150
	160	46.3	166.5	39,000	47.5	165.8	39,500				160
	170	42.6	156.1	35,200	43.7	155.4	35,600				170
	180	38.5	144.1	31,900							180
	190	34.1	130.2	27,400*							190

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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	45	80.9	235.6	88,000*							45
	50	79.7	234.7	88,000*	80.8	234.3	88,000*				50
	55	78.4	233.7	88,000*	79.6	233.2	88,000*				55
	60	77.1	232.6	88,000*	78.3	232.1	88,000*	79.9	230.5	67,700*	60
	65	75.8	231.3	88,000*	77.0	230.8	88,000*	78.6	229.3	65,100*	65
	70	74.5	229.9	88,000*	75.7	229.5	88,000*	77.3	227.9	62,800*	70
	75	73.2	228.4	88,000*	74.4	228.0	88,000*	76.0	226.4	60,600*	75
	80	71.9	226.8	88,000*	73.1	226.3	88,000*	74.7	224.7	58,600*	80
	85	70.6	225.1	88,000*	71.8	224.6	84,600*	73.3	223.0	56,700*	85
	90	69.3	223.2	88,000*	70.4	222.7	81,000*	72.0	221.1	55,000*	90
	95	67.9	221.2	84,900	69.1	220.7	77,800*	70.6	219.0	53,300*	95
	100	66.6	219.0	78,900	67.7	218.5	74,800*	69.3	216.8	51,800*	100
	110	63.8	214.3	68,700	65.0	213.7	69,500*	66.5	212.0	49,000*	110
	120	61.0	208.9	60,400	62.1	208.4	61,200	63.6	206.6	46,600*	120
	130	58.1	202.9	53,400	59.2	202.3	54,100	60.7	200.5	44,400*	130
	140	55.1	196.2	47,600	56.2	195.6	48,200	57.6	193.7	42,500*	140
	150	52.0	188.6	42,500	53.1	188.0	43,100	54.5	186.1	40,800*	150
	160	48.7	180.1	38,200	49.8	179.5	38,600	51.1	177.5	39,200*	160
	170	45.3	170.6	34,300	46.3	170.0	34,800				170
	180	41.6	159.8	30,800*	42.7	159.1	31,300*				180
	190	37.6	147.5	27,400*							190
200	50	80.1	244.9	88,000*							50
	55	78.9	243.9	88,000*	80.0	243.4	88,000*				55
	60	77.7	242.8	88,000*	78.8	242.4	88,000*	80.3	240.8	68,600*	60
	65	76.4	241.6	88,000*	77.6	241.2	88,000*	79.1	239.6	66,100*	65
	70	75.2	240.3	88,000*	76.3	239.8	88,000*	77.8	238.2	63,700*	70
	75	74.0	238.9	88,000*	75.1	238.4	88,000*	76.6	236.8	61,600*	75
	80	72.7	237.3	88,000*	73.8	236.9	88,000*	75.3	235.2	59,600*	80
	85	71.5	235.7	88,000*	72.6	235.2	86,800*	74.1	233.6	57,700*	85
	90	70.2	233.9	88,000*	71.3	233.4	83,300*	72.8	231.7	56,000*	90
	95	68.9	232.0	84,600	70.0	231.5	80,000*	71.5	229.8	54,300*	95
	100	67.6	229.9	78,600	68.7	229.4	77,000*	70.2	227.7	52,800*	100
	110	65.0	225.4	68,400	66.1	224.9	69,300	67.5	223.2	50,000*	110
	120	62.3	220.3	60,000	63.4	219.8	60,800	64.8	218.1	47,600*	120
	130	59.6	214.7	53,100	60.6	214.1	53,800	62.1	212.3	45,400*	130
	140	56.7	208.3	47,200	57.8	207.7	47,800	59.2	205.9	43,400*	140
	150	53.8	201.2	42,200	54.9	200.7	42,700	56.2	198.7	41,700*	150
	160	50.8	193.4	37,800	51.8	192.7	38,300	53.2	190.7	38,900	160
	170	47.6	184.6	34,000	48.6	183.9	34,400				170
	180	44.2	174.7	30,300*	45.3	174.0	30,800*				180
	190	40.7	163.5	26,900*	41.7	162.8	27,400*				190
	200	36.8	150.8	23,900*							200
210	50	80.5	255.1	88,000*							50
	55	79.3	254.1	88,000*	80.4	253.6	88,000*				55
	60	78.2	253.1	88,000*	79.2	252.6	88,000*	80.7	251.0	69,400*	60
	65	77.0	251.9	88,000*	78.1	251.4	88,000*	79.5	249.9	67,000*	65
	70	75.8	250.7	88,000*	76.9	250.2	88,000*	78.4	248.6	64,700*	70
	75	74.6	249.3	88,000*	75.7	248.8	88,000*	77.2	247.2	62,500*	75
	80	73.4	247.8	88,000*	74.5	247.3	88,000*	75.9	245.7	60,500*	80
	85	72.2	246.2	88,000*	73.3	245.7	88,000*	74.7	244.1	58,700*	85
	90	71.0	244.5	87,500*	72.1	244.0	85,400*	73.5	242.4	56,900*	90
	95	69.8	242.7	82,200*	70.8	242.2	82,100*	72.3	240.5	55,300*	95
	100	68.6	240.7	77,400*	69.6	240.2	77,500*	71.0	238.6	53,800*	100
	110	66.1	236.4	67,500	67.1	235.9	68,500	68.5	234.2	51,000*	110
	120	63.5	231.6	59,200	64.6	231.1	60,000	65.9	229.4	48,600*	120
	130	60.9	226.2	52,200	62.0	225.7	53,000	63.3	223.9	46,300*	130
	140	58.2	220.2	46,400	59.3	219.7	47,000	60.6	217.8	44,400*	140
	150	55.5	213.6	41,300	56.5	213.0	41,900	57.8	211.1	42,600*	150
	160	52.6	206.2	37,000	53.7	205.6	37,500	54.9	203.6	38,200	160
	170	49.7	198.0	33,000*	50.7	197.4	33,600	51.9	195.3	34,200	170
	180	46.6	188.9	29,200*	47.6	188.2	29,700*				180
	190	43.3	178.6	25,800*	44.3	177.9	26,300*				190
	200	39.8	167.1	22,700*	40.8	166.4	23,200*				200
	210	36.0	154.1	20,000*							210

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
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	50	80.9	265.2	88,000*	80.8	263.8	88,000*				50
	55	79.8	264.3	88,000*							55
	60	78.6	263.3	88,000*	79.7	262.8	88,000*				60
	65	77.5	262.2	88,000*	78.5	261.7	88,000*	80.0	260.1	67,800*	65
	70	76.4	261.0	88,000*	77.4	260.5	88,000*	78.8	258.9	65,500*	70
	75	75.2	259.7	88,000*	76.3	259.2	88,000*	77.7	257.6	63,400*	75
	80	74.1	258.3	88,000*	75.1	257.8	88,000*	76.5	256.2	61,400*	80
	85	72.9	256.7	88,000*	74.0	256.2	88,000*	75.3	254.6	59,600*	85
	90	71.8	255.1	84,800*	72.8	254.6	84,900*	74.2	253.0	57,900*	90
	95	70.6	253.4	79,600*	71.6	252.8	79,700*	73.0	251.2	56,300*	95
	100	69.4	251.5	74,900*	70.4	251.0	75,100*	71.8	249.3	54,700*	100
	110	67.0	247.4	66,700*	68.1	246.9	67,000*	69.4	245.2	52,000*	110
	120	64.6	242.8	58,600*	65.6	242.3	59,400*	67.0	240.5	49,500*	120
	130	62.1	237.7	51,600*	63.1	237.1	52,400*	64.5	235.4	47,300*	130
	140	59.6	232.0	45,700*	60.6	231.4	46,400*	61.9	229.6	45,300*	140
	150	57.0	225.7	40,700*	58.0	225.1	41,300*	59.3	223.2	42,100*	150
	160	54.3	218.7	36,300*	55.3	218.1	36,900*	56.5	216.2	37,600*	160
	170	51.5	211.0	32,100*	52.5	210.4	32,800*	53.7	208.4	33,700*	170
	180	48.6	202.5	28,300*	49.6	201.9	28,900*	50.8	199.8	29,700*	180
	190	45.6	193.1	24,900*	46.6	192.4	25,400*				190
230	200	42.4	182.5	21,800*	43.3	181.8	22,300*				200
	210	39.0	170.7	19,100*							210
	220	35.3	157.2	16,700*							220
	55	80.1	274.5	88,000*	80.1	273.0	88,000*				55
	60	79.1	273.5	88,000*							60
	65	78.0	272.5	88,000*	79.0	272.0	88,000*	80.3	270.4	68,600*	65
	70	76.9	271.3	88,000*	77.9	270.8	88,000*	79.2	269.2	66,400*	70
	75	75.8	270.0	88,000*	76.8	269.5	88,000*	78.1	267.9	64,300*	75
	80	74.7	268.7	88,000*	75.7	268.2	88,000*	77.0	266.6	62,300*	80
	85	73.6	267.2	87,800*	74.6	266.7	87,900*	75.9	265.1	60,500*	85
	90	72.5	265.6	82,000*	73.5	265.1	82,200*	74.8	263.5	58,800*	90
	95	71.4	264.0	76,800*	72.3	263.5	77,100*	73.7	261.8	57,200*	95
	100	70.2	262.2	72,200*	71.2	261.7	72,400*	72.5	260.0	55,600*	100
	110	67.9	258.3	64,200*	68.9	257.7	64,500*	70.2	256.0	52,900*	110
	120	65.6	253.9	57,500*	66.6	253.3	57,800*	67.9	251.6	50,400*	120
	130	63.3	249.0	50,800*	64.2	248.4	51,600*	65.5	246.7	48,200*	130
	140	60.8	243.6	44,900*	61.8	243.0	45,600*	63.1	241.2	46,200*	140
	150	58.4	237.6	39,900*	59.3	237.0	40,500*	60.6	235.2	41,400*	150
	160	55.8	231.0	35,400*	56.8	230.4	36,100*	58.0	228.5	36,900*	160
	170	53.2	223.7	31,000*	54.2	223.1	31,800*	55.3	221.2	32,700*	170
	180	50.5	215.7	27,200*	51.4	215.1	27,800*	52.6	213.1	28,700*	180
	190	47.7	206.9	23,700*	48.6	206.3	24,300*				190
	200	44.7	197.2	20,700*	45.6	196.5	21,200*				200
	210	41.6	186.3	17,900*	42.5	185.6	18,400*				210
	220	38.2	174.1	15,500*							220
	230	34.6	160.3	13,300*							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
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	
240	55	80.5	284.6	88,000*							55
	60	79.5	283.7	88,000*	80.4	283.2	88,000*				60
	65	78.4	282.7	88,000*	79.4	282.2	88,000*	80.7	280.6	69,400*	65
	70	77.4	281.6	88,000*	78.3	281.1	88,000*	79.6	279.5	67,100*	70
	75	76.3	280.4	88,000*	77.3	279.9	88,000*	78.6	278.2	65,100*	75
	80	75.2	279.1	88,000*	76.2	278.6	88,000*	77.5	276.9	63,100*	80
	85	74.2	277.6	85,600*	75.1	277.1	85,800*	76.4	275.5	61,300*	85
	90	73.1	276.1	79,900*	74.1	275.6	80,100*	75.4	274.0	59,600*	90
	95	72.0	274.5	74,800*	73.0	274.0	75,100*	74.3	272.4	58,000*	95
	100	71.0	272.8	70,200*	71.9	272.3	70,500*	73.2	270.6	56,500*	100
	110	68.8	269.0	62,300*	69.7	268.5	62,600*	71.0	266.8	53,700*	110
	120	66.6	264.8	55,700*	67.5	264.3	56,100*	68.7	262.6	51,200*	120
	130	64.3	260.2	50,100*	65.2	259.6	50,500*	66.5	257.9	49,000*	130
	140	62.0	255.0	44,500*	62.9	254.4	45,300*	64.1	252.7	46,100*	140
	150	59.6	249.3	39,500*	60.6	248.7	40,100*	61.8	246.9	41,100*	150
	160	57.2	243.0	35,000*	58.1	242.5	35,700*	59.3	240.6	36,500*	160
	170	54.7	236.2	30,500*	55.6	235.6	31,300*	56.8	233.6	32,300*	170
	180	52.2	228.6	26,700*	53.1	228.0	27,400*	54.2	226.0	28,300*	180
	190	49.5	220.4	23,200*	50.4	219.7	23,900*	51.5	217.6	24,600*	190
	200	46.7	211.2	20,200*	47.6	210.6	20,700*				200
	210	43.8	201.2	17,400*	44.7	200.5	17,900*				210
	220	40.8	190.0	14,900*	41.6	189.3	15,400*				220
	230	37.5	177.5	12,700*							230
	240	33.9	163.4	10,700*							240
250	55	80.8	294.8	88,000*							55
	60	79.8	293.9	88,000*	80.8	293.4	88,000*				60
	65	78.8	292.9	88,000*	79.7	292.4	88,000*				65
	70	77.8	291.8	88,000*	78.7	291.3	88,000*	80.0	289.7	67,900*	70
	75	76.8	290.7	88,000*	77.7	290.2	88,000*	79.0	288.5	65,800*	75
	80	75.8	289.4	88,000*	76.7	288.9	88,000*	78.0	287.3	63,900*	80
	85	74.7	288.1	82,900*	75.7	287.5	83,200*	76.9	285.9	62,100*	85
	90	73.7	286.6	77,200*	74.6	286.1	77,600*	75.9	284.4	60,400*	90
	95	72.7	285.0	72,200*	73.6	284.5	72,600*	74.8	282.9	58,800*	95
	100	71.6	283.4	67,700*	72.6	282.9	68,100*	73.8	281.2	57,300*	100
	110	69.5	279.8	59,900*	70.5	279.3	60,300*	71.7	277.6	54,600*	110
	120	67.4	275.7	53,400*	68.3	275.2	53,800*	69.5	273.5	52,100*	120
	130	65.2	271.3	47,900*	66.1	270.7	48,300*	67.3	269.0	48,800*	130
	140	63.0	266.3	43,100*	63.9	265.8	43,500*	65.1	264.0	44,100*	140
	150	60.8	260.9	38,600*	61.7	260.3	39,300*	62.9	258.5	39,800*	150
	160	58.5	254.9	33,900*	59.4	254.3	34,800*	60.5	252.5	35,800*	160
	170	56.1	248.4	29,500*	57.0	247.8	30,300*	58.1	245.9	31,400*	170
	180	53.7	241.2	25,600*	54.6	240.6	26,300*	55.7	238.6	27,300*	180
	190	51.2	233.4	22,100*	52.1	232.8	22,800*	53.1	230.7	23,600*	190
	200	48.6	224.9	19,100*	49.5	224.2	19,700*	50.5	222.1	20,400*	200
	210	45.9	215.5	16,300*	46.7	214.8	16,800*				210
	220	43.0	205.1	13,800*	43.9	204.4	14,300*				220
	230	40.0	193.6	11,600*	40.9	192.9	12,000*				230
	240	36.8	180.8	9,500*							240
	250	33.3	166.3	7,700*							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
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	
260	60	80.2	304.1	88,000*	80.1	302.6	88,000*				60
	65	79.2	303.1	88,000*							65
	70	78.2	302.1	88,000*	79.1	301.6	88,000*	80.3	299.9	68,600*	70
	75	77.2	301.0	88,000*	78.1	300.4	88,000*	79.4	298.8	66,600*	75
	80	76.3	299.7	86,900*	77.1	299.2	87,300*	78.4	297.6	64,700*	80
	85	75.3	298.4	80,500*	76.2	297.9	81,000*	77.4	296.3	62,900*	85
	90	74.3	297.0	74,900*	75.2	296.5	75,400*	76.4	294.9	61,200*	90
	95	73.3	295.5	70,000*	74.2	295.0	70,400*	75.4	293.3	59,600*	95
	100	72.3	293.9	65,500*	73.2	293.4	66,000*	74.4	291.7	58,100*	100
	110	70.3	290.5	57,800*	71.1	289.9	58,300*	72.3	288.2	55,400*	110
	120	68.2	286.6	51,400*	69.1	286.0	51,900*	70.3	284.3	52,500*	120
	130	66.1	282.3	46,000*	67.0	281.7	46,400*	68.2	280.0	47,000*	130
	140	64.0	277.5	41,300*	64.9	277.0	41,700*	66.0	275.2	42,300*	140
	150	61.9	272.3	37,100*	62.7	271.8	37,600*	63.9	270.0	38,200*	150
	160	59.7	266.6	33,100*	60.5	266.1	33,900*	61.6	264.2	34,500*	160
	170	57.4	260.4	28,600*	58.3	259.8	29,500*	59.4	257.9	30,600*	170
	180	55.1	253.6	24,700*	55.9	253.0	25,500*	57.0	251.0	26,500*	180
	190	52.7	246.2	21,300*	53.6	245.6	22,000*	54.6	243.6	22,900*	190
	200	50.3	238.1	18,200*	51.1	237.5	18,800*	52.1	235.4	19,600*	200
	210	47.7	229.3	15,400*	48.5	228.6	16,000*				210
	220	45.1	219.6	12,900*	45.9	218.9	13,400*				220
270	230	42.3	209.0	10,700*	43.1	208.2	11,100*				230
	240	39.3	197.2	8,600*							240
	250	36.2	184.1	6,800*							250
	60	80.5	314.2	88,000*	80.4	312.8	88,000*				60
	65	79.5	313.3	88,000*							65
	70	78.6	312.3	88,000*	79.5	311.8	88,000*	80.7	310.2	69,300*	70
	75	77.7	311.2	88,000*	78.5	310.7	88,000*	79.7	309.1	67,300*	75
	80	76.7	310.0	84,300*	77.6	309.5	84,900*	78.8	307.9	65,400*	80
	85	75.8	308.8	78,000*	76.6	308.3	78,600*	77.8	306.6	63,600*	85
	90	74.8	307.4	72,500*	75.7	306.9	73,000*	76.8	305.2	62,000*	90
	95	73.8	306.0	67,600*	74.7	305.5	68,100*	75.9	303.8	60,400*	95
	100	72.9	304.4	63,200*	73.7	303.9	63,700*	74.9	302.2	58,900*	100
	110	70.9	301.1	55,600*	71.8	300.6	56,100*	72.9	298.9	56,100*	110
	120	68.9	297.3	49,300*	69.8	296.8	49,800*	70.9	295.1	50,400*	120
	130	66.9	293.2	43,900*	67.8	292.7	44,400*	68.9	290.9	45,000*	130
	140	64.9	288.7	39,300*	65.8	288.1	39,700*	66.9	286.3	40,400*	140
	150	62.8	283.7	35,200*	63.7	283.1	35,700*	64.8	281.3	36,300*	150
	160	60.7	278.2	31,600*	61.6	277.6	32,000*	62.7	275.8	32,600*	160
	170	58.6	272.2	27,600*	59.4	271.7	28,500*	60.5	269.8	29,400*	170
	180	56.4	265.8	23,700*	57.2	265.2	24,500*	58.3	263.2	25,500*	180
	190	54.1	258.7	20,200*	54.9	258.1	20,900*	56.0	256.1	21,900*	190
	200	51.8	251.1	17,100*	52.6	250.4	17,800*	53.6	248.4	18,600*	200
	210	49.4	242.7	14,300*	50.2	242.1	14,900*	51.2	239.9	15,700*	210
	220	46.9	233.6	11,800*	47.7	232.9	12,400*				220
	230	44.3	223.7	9,600*	45.1	223.0	10,100*				230
	240	41.5	212.8	7,500*	42.3	212.0	7,900*				240
	250	38.6	200.7	5,600*							250

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
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	60	80.8	324.4	88,000*							60
	65	79.9	323.5	88,000*	80.7	323.0	88,000*				65
	70	79.0	322.5	88,000*	79.8	322.0	88,000*	81.0	320.4	69,900*	70
	75	78.0	321.5	88,000*	78.9	321.0	88,000*	80.0	319.3	68,000*	75
	80	77.1	320.3	82,400*	78.0	319.8	83,000*	79.1	318.2	66,100*	80
	85	76.2	319.1	76,200*	77.0	318.6	76,800*	78.2	316.9	64,300*	85
	90	75.3	317.8	70,700*	76.1	317.3	71,300*	77.3	315.6	62,700*	90
	95	74.4	316.4	65,800*	75.2	315.9	66,400*	76.3	314.2	61,100*	95
	100	73.4	314.9	61,400*	74.3	314.4	62,000*	75.4	312.7	59,600*	100
	110	71.5	311.7	53,900*	72.4	311.2	54,500*	73.5	309.5	55,200*	110
	120	69.6	308.1	47,700*	70.5	307.5	48,200*	71.6	305.8	48,900*	120
	130	67.7	304.1	42,400*	68.5	303.5	42,900*	69.6	301.8	43,600*	130
	140	65.8	299.7	37,800*	66.6	299.2	38,300*	67.7	297.4	39,000*	140
	150	63.8	294.9	33,800*	64.6	294.3	34,300*	65.7	292.5	34,900*	150
	160	61.7	289.7	30,300*	62.6	289.1	30,700*	63.6	287.3	31,400*	160
	170	59.7	283.9	27,000*	60.5	283.4	27,500*	61.5	281.5	28,200*	170
	180	57.6	277.8	23,100*	58.4	277.2	24,000*	59.4	275.2	25,100*	180
	190	55.4	271.0	19,600*	56.2	270.4	20,400*	57.2	268.5	21,400*	190
	200	53.2	263.7	16,500*	54.0	263.1	17,300*	55.0	261.1	18,200*	200
	210	50.9	255.8	13,800*	51.7	255.2	14,400*	52.7	253.1	15,200*	210
	220	48.6	247.2	11,300*	49.3	246.6	11,800*				220
	230	46.1	237.9	9,000*	46.9	237.2	9,500*				230
	240	43.5	227.7	6,900*	44.3	226.9	7,400*				240
	250	40.9	216.5	5,000*	41.6	215.7	5,500*				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
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	40	79.8	175.5	88,000*	80.1	173.9	88,000*				40
	45	78.1	174.4	88,000*							45
	50	76.3	173.2	88,000*	78.3	172.6	83,500*				50
	55	74.6	171.8	88,000*	76.6	171.2	77,600*	79.3	169.4	55,800*	55
	60	72.8	170.2	88,000*	74.8	169.6	72,600*	77.5	167.8	53,100*	60
	65	71.0	168.5	85,400*	73.0	167.9	68,100*	75.7	166.1	50,600*	65
	70	69.2	166.5	79,300*	71.2	165.9	64,200*	73.9	164.1	48,300*	70
	75	67.4	164.4	74,100*	69.3	163.8	60,700*	72.0	162.0	46,300*	75
	80	65.5	162.1	69,500*	67.5	161.5	57,600*	70.1	159.6	44,400*	80
	85	63.7	159.6	65,400*	65.6	159.0	54,800*	68.2	157.1	42,700*	85
	90	61.7	156.9	61,800*	63.7	156.3	52,200*	66.2	154.3	41,100*	90
	95	59.8	154.0	58,600*	61.7	153.3	49,900*	64.2	151.3	39,700*	95
	100	57.8	150.8	55,600*	59.7	150.2	47,800*	62.2	148.1	38,400*	100
	110	53.6	143.7	50,600*	55.5	143.0	44,100*	58.0	140.8	36,000*	110
	120	49.3	135.4	46,400*	51.1	134.6	41,000*	53.5	132.3	34,000*	120
	130	44.6	125.6	42,800*	46.4	124.8	38,300*				130
	140	39.4	114.0	39,700*	41.2	113.2	36,000*				140
130	40	80.4	185.7	88,000*	80.6	184.1	88,000*				40
	45	78.8	184.7	88,000*							45
	50	77.1	183.5	88,000*	79.0	182.9	85,900*				50
	55	75.5	182.2	88,000*	77.3	181.6	80,100*	79.9	179.8	56,900*	55
	60	73.8	180.7	88,000*	75.7	180.1	75,000*	78.2	178.3	54,200*	60
	65	72.1	179.1	88,000*	74.0	178.5	70,500*	76.5	176.6	51,700*	65
	70	70.4	177.3	83,300*	72.3	176.7	66,500*	74.8	174.8	49,500*	70
	75	68.7	175.3	77,800*	70.6	174.7	63,000*	73.1	172.8	47,400*	75
	80	67.0	173.2	73,000*	68.8	172.5	59,800*	71.3	170.6	45,600*	80
	85	65.2	170.8	68,800*	67.1	170.2	57,000*	69.5	168.3	43,900*	85
	90	63.5	168.3	65,000*	65.3	167.7	54,400*	67.7	165.7	42,300*	90
	95	61.6	165.6	61,600*	63.5	164.9	52,000*	65.9	162.9	40,900*	95
	100	59.8	162.6	58,600*	61.6	162.0	49,800*	64.0	159.9	39,500*	100
	110	56.0	156.1	53,300*	57.8	155.4	46,000*	60.1	153.3	37,200*	110
	120	52.0	148.5	48,900*	53.8	147.8	42,800*	56.0	145.5	35,100*	120
	130	47.8	139.8	45,100*	49.5	139.0	40,000*	51.7	136.6	33,300*	130
	140	43.2	129.5	41,900*	44.9	128.7	37,600*				140
	150	38.2	117.5	39,100*							150
140	40	80.9	195.9	88,000*							40
	45	79.4	194.9	88,000*							45
	50	77.8	193.8	88,000*	79.6	193.2	88,000*				50
	55	76.3	192.6	88,000*	78.0	192.0	82,400*	80.5	190.1	57,800*	55
	60	74.7	191.2	88,000*	76.4	190.6	77,300*	78.9	188.7	55,200*	60
	65	73.1	189.6	88,000*	74.9	189.0	72,800*	77.3	187.1	52,800*	65
	70	71.5	187.9	87,100*	73.3	187.3	68,800*	75.7	185.4	50,600*	70
	75	69.9	186.1	81,500*	71.7	185.4	65,200*	74.0	183.5	48,500*	75
	80	68.3	184.0	76,500*	70.0	183.4	62,000*	72.4	181.5	46,700*	80
	85	66.6	181.9	72,100*	68.4	181.2	59,000*	70.7	179.3	45,000*	85
	90	65.0	179.5	68,200*	66.7	178.9	56,400*	69.0	176.9	43,400*	90
	95	63.3	177.0	64,700*	65.0	176.3	54,000*	67.3	174.3	42,000*	95
	100	61.6	174.2	61,500*	63.3	173.6	51,800*	65.6	171.5	40,600*	100
	110	58.0	168.2	56,000*	59.7	167.5	47,900*	62.0	165.4	38,200*	110
	120	54.4	161.2	51,400*	56.0	160.5	44,500*	58.2	158.3	36,100*	120
	130	50.5	153.2	47,400*	52.1	152.4	41,700*	54.3	150.1	34,300*	130
	140	46.4	144.0	44,100*	48.0	143.2	39,200*				140
	150	42.0	133.3	41,200*	43.6	132.4	37,000*				150
	160	37.1	120.8	38,600*							160

MANITOWOC ENGINEERING CO.

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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
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	
150	45	79.9	205.1	88,000*							45
	50	78.4	204.1	88,000*	80.1	203.5	88,000*				50
	55	77.0	202.9	88,000*	78.6	202.3	84,600*				55
	60	75.5	201.6	88,000*	77.1	200.9	79,500*	79.5	199.1	56,100*	60
	65	74.0	200.1	88,000*	75.7	199.5	74,900*	78.0	197.6	53,700*	65
	70	72.5	198.5	88,000*	74.1	197.9	70,900*	76.4	196.0	51,600*	70
	75	71.0	196.7	85,100*	72.6	196.1	67,300*	74.9	194.2	49,600*	75
	80	69.4	194.8	80,000*	71.1	194.2	64,000*	73.3	192.3	47,700*	80
	85	67.9	192.8	75,400*	69.5	192.2	61,000*	71.8	190.2	46,000*	85
	90	66.3	190.6	71,300*	68.0	189.9	58,400*	70.2	187.9	44,500*	90
	95	64.7	188.2	67,700*	66.4	187.5	55,900*	68.6	185.5	43,000*	95
	100	63.1	185.6	64,400*	64.7	185.0	53,600*	66.9	182.9	41,700*	100
	110	59.8	180.0	58,600*	61.4	179.3	49,600*	63.6	177.2	39,300*	110
	120	56.4	173.5	53,800*	58.0	172.8	46,200*	60.1	170.6	37,100*	120
	130	52.8	166.1	49,700*	54.4	165.4	43,300*	56.5	163.1	35,300*	130
	140	49.1	157.7	46,200*	50.7	156.9	40,700*	52.7	154.5	33,700*	140
	150	45.1	148.1	43,200*	46.7	147.3	38,400*				150
	160	40.8	137.0	40,500*	42.4	136.1	36,500*				160
	170	36.1	124.0	37,400*							170
160	45	80.4	215.3	88,000*							45
	50	79.0	214.3	88,000*	80.6	213.7	88,000*				50
	55	77.6	213.2	88,000*	79.2	212.6	86,700*				55
	60	76.2	211.9	88,000*	77.8	211.3	81,600*	80.0	209.4	57,000*	60
	65	74.8	210.5	88,000*	76.4	209.9	77,000*	78.6	208.0	54,600*	65
	70	73.3	209.0	88,000*	74.9	208.4	72,900*	77.1	206.5	52,500*	70
	75	71.9	207.4	88,000*	73.5	206.7	69,300*	75.7	204.8	50,500*	75
	80	70.5	205.6	83,300*	72.0	204.9	66,000*	74.2	203.0	48,700*	80
	85	69.0	203.6	78,600*	70.6	203.0	63,000*	72.7	201.0	47,000*	85
	90	67.5	201.5	74,400*	69.1	200.9	60,300*	71.2	198.9	45,500*	90
	95	66.0	199.3	70,600*	67.6	198.6	57,800*	69.7	196.6	44,000*	95
	100	64.5	196.9	67,200*	66.1	196.2	55,500*	68.1	194.2	42,700*	100
	110	61.4	191.6	61,200*	63.0	190.9	51,400*	65.0	188.8	40,200*	110
	120	58.2	185.5	56,200*	59.8	184.8	47,900*	61.8	182.6	38,100*	120
	130	54.9	178.7	52,000*	56.4	177.9	44,900*	58.4	175.7	36,200*	130
	140	51.5	170.9	48,300*	53.0	170.1	42,200*	54.9	167.8	34,600*	140
	150	47.8	162.1	45,200*	49.3	161.3	39,900*	51.2	158.8	33,100*	150
	160	44.0	152.1	41,100*	45.4	151.2	37,800*				160
	170	39.8	140.6	37,200*	41.2	139.6	36,000*				170
	180	35.2	127.1	33,300*							180
170	45	80.8	225.4	88,000*							45
	50	79.5	224.5	88,000*							50
	55	78.2	223.4	88,000*	79.7	222.8	88,000*				55
	60	76.8	222.2	88,000*	78.4	221.6	83,600*	80.5	219.7	57,800*	60
	65	75.5	220.9	88,000*	77.0	220.3	79,000*	79.1	218.4	55,500*	65
	70	74.1	219.5	88,000*	75.6	218.8	74,900*	77.7	216.9	53,400*	70
	75	72.8	217.9	88,000*	74.3	217.3	71,200*	76.3	215.3	51,400*	75
	80	71.4	216.2	86,600*	72.9	215.6	67,900*	74.9	213.6	49,600*	80
	85	70.0	214.4	81,800*	71.5	213.7	64,900*	73.5	211.7	48,000*	85
	90	68.6	212.4	77,400*	70.1	211.7	62,100*	72.1	209.7	46,400*	90
	95	67.2	210.2	73,500*	68.7	209.6	59,500*	70.7	207.6	45,000*	95
	100	65.7	208.0	70,000*	67.2	207.3	57,200*	69.2	205.3	43,600*	100
	110	62.8	203.0	63,800*	64.3	202.3	53,100*	66.3	200.2	41,200*	110
	120	59.8	197.3	58,600*	61.3	196.6	49,500*	63.2	194.4	39,000*	120
	130	56.7	190.9	54,200*	58.2	190.2	46,400*	60.1	187.9	37,100*	130
	140	53.5	183.7	49,600*	55.0	182.9	43,700*	56.8	180.6	35,500*	140
	150	50.2	175.6	44,600*	51.6	174.8	41,300*	53.4	172.3	34,000*	150
	160	46.6	166.4	40,200*	48.0	165.6	39,200*				160
	170	42.9	156.0	36,400*	44.3	155.1	36,800*				170
	180	38.8	144.1	33,000*							180
	190	34.4	130.1	28,700*							190

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LIFT CRANE JIB CAPACITIES

MEETS
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JIB NO. 125 WITH 18'9" STRUT ON
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161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
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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	
180	50	80.0	234.7	88,000*	80.2	233.0	88,000*				50
	55	78.7	233.7	88,000*							55
	60	77.4	232.5	88,000*	78.9	231.9	85,500*	80.9	230.0	58,600*	60
	65	76.1	231.3	88,000*	77.6	230.6	80,900*	79.6	228.7	56,300*	65
	70	74.8	229.9	88,000*	76.3	229.3	76,800*	78.3	227.3	54,200*	70
	75	73.5	228.4	88,000*	75.0	227.8	73,100*	77.0	225.8	52,300*	75
	80	72.2	226.8	88,000*	73.7	226.1	69,700*	75.6	224.1	50,500*	80
	85	70.9	225.0	84,900*	72.3	224.4	66,700*	74.3	222.4	48,800*	85
	90	69.6	223.1	80,400*	71.0	222.5	63,900*	73.0	220.5	47,300*	90
	95	68.2	221.1	76,400*	69.7	220.5	61,300*	71.6	218.4	45,900*	95
	100	66.9	219.0	72,700*	68.3	218.3	58,900*	70.2	216.2	44,500*	100
	110	64.1	214.2	66,400*	65.5	213.5	54,700*	67.4	211.4	42,100*	110
	120	61.3	208.9	61,000*	62.7	208.2	51,100*	64.6	206.0	39,900*	120
	130	58.4	202.9	54,900*	59.8	202.1	47,900*	61.6	199.9	38,000*	130
	140	55.4	196.1	49,000*	56.8	195.4	45,100*	58.6	193.0	36,300*	140
	150	52.2	188.6	43,900*	53.6	187.8	42,700*	55.4	185.4	34,800*	150
	160	49.0	180.1	39,500*	50.3	179.3	40,100*	52.0	176.7	33,400*	160
	170	45.5	170.6	35,700*	46.9	169.7	36,200*				170
	180	41.9	159.8	32,300*	43.2	158.8	32,800*				180
	190	37.9	147.4	29,300*							190
190	50	80.4	244.9	88,000*	80.6	243.3	88,000*				50
	55	79.2	243.9	88,000*							55
	60	77.9	242.8	88,000*	79.3	242.2	87,300*				60
	65	76.7	241.6	88,000*	78.1	241.0	82,700*	80.0	239.0	57,100*	65
	70	75.5	240.3	88,000*	76.9	239.6	78,600*	78.8	237.7	55,000*	70
	75	74.2	238.9	88,000*	75.6	238.2	74,900*	77.5	236.2	53,100*	75
	80	73.0	237.3	88,000*	74.4	236.7	71,500*	76.3	234.7	51,300*	80
	85	71.7	235.6	88,000*	73.1	235.0	68,400*	75.0	233.0	49,700*	85
	90	70.5	233.8	83,400*	71.8	233.2	65,600*	73.7	231.1	48,200*	90
	95	69.2	231.9	79,200*	70.6	231.3	63,000*	72.4	229.2	46,700*	95
	100	67.9	229.9	75,400*	69.3	229.2	60,600*	71.1	227.1	45,400*	100
	110	65.3	225.4	68,900*	66.6	224.7	56,300*	68.5	222.6	42,900*	110
	120	62.6	220.3	61,000*	63.9	219.6	52,600*	65.7	217.4	40,800*	120
	130	59.8	214.6	54,000*	61.2	213.9	49,400*	63.0	211.7	38,800*	130
	140	57.0	208.3	48,100*	58.4	207.5	46,500*	60.1	205.2	37,100*	140
	150	54.1	201.2	43,100*	55.4	200.4	43,700*	57.1	198.0	35,600*	150
	160	51.1	193.3	38,700*	52.4	192.5	39,300*	54.0	190.0	34,200*	160
	170	47.9	184.5	34,900*	49.2	183.7	35,400*				170
	180	44.5	174.6	31,400*	45.8	173.7	31,900*				180
	190	40.9	163.5	28,000*	42.2	162.5	28,600*				190
	200	37.1	150.8	25,000*							200
200	50	80.8	255.0	88,000*							50
	55	79.6	254.1	88,000*	81.0	253.5	88,000*				55
	60	78.4	253.0	88,000*	79.8	252.4	88,000*				60
	65	77.3	251.9	88,000*	78.6	251.3	84,500*	80.5	249.3	57,800*	65
	70	76.1	250.6	88,000*	77.4	250.0	80,300*	79.3	248.0	55,800*	70
	75	74.9	249.3	88,000*	76.2	248.6	76,600*	78.1	246.6	53,900*	75
	80	73.7	247.8	88,000*	75.0	247.1	73,200*	76.8	245.1	52,100*	80
	85	72.5	246.2	88,000*	73.8	245.5	70,100*	75.6	243.5	50,500*	85
	90	71.3	244.5	86,200*	72.6	243.8	67,200*	74.4	241.8	49,000*	90
	95	70.1	242.6	82,000*	71.4	242.0	64,600*	73.2	239.9	47,500*	95
	100	68.8	240.7	78,100*	70.1	240.0	62,200*	71.9	237.9	46,200*	100
	110	66.3	236.4	69,000*	67.6	235.7	57,800*	69.4	233.6	43,800*	110
	120	63.8	231.6	60,600*	65.1	230.9	54,100*	66.8	228.7	41,600*	120
	130	61.2	226.2	53,600*	62.5	225.5	50,800*	64.2	223.3	39,700*	130
	140	58.5	220.2	47,700*	59.8	219.5	47,900*	61.5	217.2	37,900*	140
	150	55.8	213.5	42,700*	57.0	212.8	43,400*	58.7	210.4	36,400*	150
	160	52.9	206.1	38,300*	54.2	205.3	38,900*	55.8	202.9	35,000*	160
	170	49.9	197.9	34,500*	51.2	197.1	35,000*	52.8	194.5	33,700*	170
	180	46.8	188.8	30,900*	48.1	187.9	31,600*				180
	190	43.6	178.6	27,500*	44.8	177.7	28,100*				190
	200	40.1	167.1	24,500*	41.3	166.1	25,000*				200
	210	36.3	154.0	21,800*							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
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	
210	55	80.0	264.3	88,000*							55
	60	78.9	263.3	88,000*	80.2	262.6	88,000*				60
	65	77.8	262.2	88,000*	79.0	261.5	86,100*	80.8	259.5	58,500*	65
	70	76.6	261.0	88,000*	77.9	260.3	82,000*	79.7	258.3	56,500*	70
	75	75.5	259.6	88,000*	76.8	259.0	78,300*	78.5	257.0	54,600*	75
	80	74.3	258.2	88,000*	75.6	257.6	74,800*	77.4	255.5	52,900*	80
	85	73.2	256.7	88,000*	74.5	256.0	71,700*	76.2	254.0	51,300*	85
	90	72.0	255.1	86,800*	73.3	254.4	68,800*	75.0	252.3	49,700*	90
	95	70.9	253.3	81,600*	72.1	252.6	66,200*	73.9	250.6	48,300*	95
	100	69.7	251.4	76,800*	71.0	250.8	63,700*	72.7	248.7	47,000*	100
	110	67.3	247.3	68,200*	68.6	246.7	59,400*	70.3	244.5	44,500*	110
	120	64.9	242.7	59,800*	66.1	242.0	55,600*	67.8	239.9	42,400*	120
	130	62.4	237.6	52,800*	63.6	236.9	52,200*	65.3	234.7	40,400*	130
	140	59.9	231.9	46,900*	61.1	231.2	47,700*	62.7	228.9	38,700*	140
	150	57.3	225.6	41,900*	58.5	224.9	42,600*	60.1	222.5	37,100*	150
	160	54.6	218.7	37,500*	55.8	217.9	38,100*	57.4	215.5	35,700*	160
	170	51.8	211.0	33,600*	53.0	210.2	34,200*	54.5	207.6	34,400*	170
	180	48.9	202.4	29,800*	50.1	201.6	30,500*	51.6	199.0	31,500*	180
	190	45.9	193.0	26,400*	47.0	192.1	27,000*				190
	200	42.7	182.4	23,300*	43.8	181.5	23,900*				200
	210	39.2	170.6	20,600*							210
	220	35.5	157.1	18,100*							220
220	55	80.4	274.4	88,000*							55
	60	79.3	273.5	88,000*	80.6	272.8	88,000*				60
	65	78.2	272.4	88,000*	79.5	271.8	87,800*				65
	70	77.1	271.3	88,000*	78.4	270.6	83,600*	80.1	268.6	57,100*	70
	75	76.0	270.0	88,000*	77.3	269.3	79,900*	79.0	267.3	55,300*	75
	80	74.9	268.6	88,000*	76.2	268.0	76,400*	77.9	265.9	53,600*	80
	85	73.8	267.2	88,000*	75.1	266.5	73,300*	76.7	264.5	52,000*	85
	90	72.7	265.6	84,200*	73.9	264.9	70,400*	75.6	262.9	50,500*	90
	95	71.6	263.9	79,000*	72.8	263.2	67,700*	74.5	261.2	49,100*	95
	100	70.5	262.1	74,400*	71.7	261.4	65,300*	73.4	259.4	47,700*	100
	110	68.2	258.2	66,300*	69.4	257.5	60,800*	71.0	255.4	45,300*	110
	120	65.9	253.8	59,100*	67.1	253.1	57,000*	68.7	251.0	43,100*	120
	130	63.5	248.9	52,200*	64.7	248.2	53,100*	66.3	246.0	41,200*	130
	140	61.1	243.5	46,300*	62.3	242.8	47,100*	63.9	240.5	39,400*	140
	150	58.6	237.5	41,200*	59.8	236.8	42,000*	61.4	234.5	37,900*	150
	160	56.1	230.9	36,800*	57.3	230.2	37,500*	58.8	227.8	36,400*	160
	170	53.5	223.7	32,800*	54.6	222.9	33,600*	56.1	220.4	34,500*	170
	180	50.7	215.7	28,900*	51.9	214.9	29,700*	53.4	212.3	30,700*	180
	190	47.9	206.9	25,500*	49.1	206.0	26,200*				190
	200	44.9	197.1	22,400*	46.1	196.2	23,000*				200
	210	41.8	186.2	19,700*	42.9	185.3	20,200*				210
	220	38.5	174.1	17,200*							220
	230	34.8	160.2	15,000*							230
230	55	80.7	284.6	88,000*							55
	60	79.7	283.7	88,000*	80.9	283.0	88,000*				60
	65	78.6	282.7	88,000*	79.8	282.0	88,000*				65
	70	77.6	281.5	88,000*	78.8	280.9	85,200*	80.4	278.9	57,800*	70
	75	76.5	280.3	88,000*	77.7	279.7	81,400*	79.4	277.6	56,000*	75
	80	75.5	279.0	88,000*	76.7	278.3	78,000*	78.3	276.3	54,300*	80
	85	74.4	277.6	87,200*	75.6	276.9	74,800*	77.2	274.9	52,700*	85
	90	73.4	276.1	81,500*	74.5	275.4	71,900*	76.2	273.4	51,200*	90
	95	72.3	274.5	76,300*	73.5	273.8	69,200*	75.1	271.7	49,800*	95
	100	71.2	272.8	71,700*	72.4	272.1	66,700*	74.0	270.0	48,500*	100
	110	69.0	269.0	63,800*	70.2	268.3	62,300*	71.8	266.2	46,000*	110
	120	66.8	264.8	57,100*	68.0	264.1	57,500*	69.5	261.9	43,900*	120
	130	64.5	260.1	51,300*	65.7	259.4	51,900*	67.2	257.2	41,900*	130
	140	62.2	254.9	45,400*	63.4	254.2	46,400*	64.9	252.0	40,200*	140
	150	59.9	249.3	40,400*	61.0	248.5	41,200*	62.5	246.2	38,600*	150
	160	57.5	243.0	36,000*	58.6	242.2	36,700*	60.1	239.9	37,100*	160
	170	55.0	236.1	31,700*	56.1	235.3	32,700*	57.6	232.9	33,700*	170
	180	52.4	228.6	27,800*	53.5	227.8	28,700*	55.0	225.2	29,700*	180
	190	49.7	220.3	24,400*	50.9	219.4	25,100*	52.3	216.8	26,100*	190
	200	47.0	211.2	21,300*	48.1	210.3	22,000*				200
	210	44.1	201.1	18,500*	45.2	200.2	19,100*				210
	220	41.0	189.9	16,100*	42.1	188.9	16,600*				220
	230	37.7	177.4	13,800*							230
	240	34.2	163.3	11,800*							240

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
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 ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB ELEV. FEET	CAPACITY POUNDS	
240	60	80.1	293.9	88,000*	80.2	292.2	88,000*				60
	65	79.0	292.9	88,000*	79.2	291.1	86,700*	80.8	289.1	58,400*	65
	70	78.0	291.8	88,000*	78.2	290.0	82,900*	79.8	287.9	56,600*	70
	75	77.0	290.6	88,000*	77.2	288.7	79,500*	78.7	286.6	54,900*	75
	80	76.0	289.4	88,000*	76.1	287.3	76,300*	77.7	285.3	53,300*	80
	85	75.0	288.0	85,100*	75.1	285.9	73,400*	76.7	283.8	51,900*	85
	90	73.9	286.6	79,400*	74.1	284.3	70,700*	75.6	282.2	50,500*	90
	95	72.9	285.0	74,300*	73.0	282.7	68,200*	74.6	280.6	49,200*	95
	100	71.9	283.3	69,800*	70.9	279.0	62,300*	72.4	276.9	46,700*	100
	110	69.8	279.7	62,000*	68.8	275.0	55,800*	70.3	272.8	44,600*	110
	120	67.6	275.7	55,400*	66.6	270.5	50,300*	68.1	268.3	42,600*	120
	130	65.5	271.2	49,800*	64.4	265.5	45,500*	65.9	263.3	40,900*	130
	140	63.3	266.3	45,000*	62.1	260.1	40,800*	63.6	257.8	39,300*	140
	150	61.0	260.8	40,000*	59.8	254.1	36,400*	61.3	251.8	37,400*	150
	160	58.7	254.9	35,600*	57.5	247.5	32,200*	58.9	245.1	33,400*	160
	170	56.4	248.3	31,200*	55.0	240.4	28,200*	56.4	237.9	29,300*	170
	180	53.9	241.2	27,300*	52.5	232.5	24,600*	53.9	230.0	25,700*	180
	190	51.4	233.4	23,900*	49.9	223.9	21,500*	51.2	221.3	22,400*	190
	200	48.8	224.8	20,800*	47.2	214.5	18,600*				200
	210	46.1	215.4	18,000*	44.3	204.1	16,100*				210
250	220	43.3	205.0	15,500*	41.3	192.6	13,700*				220
	230	40.2	193.6	13,200*							230
	240	37.0	180.7	11,200*							240
	60	80.4	304.0	88,000*	80.5	302.4	88,000*				60
	65	79.4	303.1	88,000*	79.6	301.4	88,000*				65
	70	78.4	302.0	88,000*	78.6	300.2	84,400*	80.1	298.2	57,200*	70
	75	77.5	300.9	88,000*	77.6	299.0	80,900*	79.1	297.0	55,500*	75
	80	76.5	299.7	88,000*	76.6	297.7	77,700*	78.1	295.6	54,000*	80
	85	75.5	298.4	82,500*	75.6	296.3	74,800*	77.1	294.2	52,500*	85
	90	74.5	297.0	76,800*	74.6	294.8	72,100*	76.1	292.7	51,100*	90
	95	73.5	295.5	71,800*	73.6	293.2	67,800*	75.1	291.1	49,800*	95
	100	72.5	293.9	67,400*	71.6	289.7	60,100*	73.1	287.6	47,400*	100
	110	70.5	290.4	59,600*	69.5	285.8	53,700*	71.0	283.7	45,200*	110
	120	68.4	286.5	47,700*	67.4	281.5	48,200*	68.9	279.3	43,300*	120
	130	66.3	282.2	43,000*	65.3	276.8	43,400*	66.8	274.5	41,500*	130
	140	64.2	277.5	38,800*	63.2	271.5	39,300*	64.6	269.3	39,900*	140
	150	62.1	272.3	34,600*	60.9	265.8	35,600*	62.3	263.5	36,200*	150
	160	59.9	266.6	30,200*	58.7	259.6	31,200*	60.1	257.2	32,500*	160
	170	57.6	260.3	26,200*	56.4	252.8	27,200*	57.7	250.3	28,400*	170
	180	55.3	253.6	22,800*	54.0	245.3	23,600*	55.3	242.8	24,700*	180
	190	52.9	246.1	19,700*	51.5	237.2	20,400*	52.8	234.6	21,400*	190
	200	50.5	238.1	16,900*	49.0	228.3	17,600*				200
	210	47.9	229.2	14,400*	46.3	218.6	15,000*				210
	220	45.3	219.5	12,100*	43.5	207.9	12,700*				220
	230	42.5	208.9	10,100*							230
	240	39.5	197.1	8,200*							240
	250	36.4	184.0								250

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JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
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	
260	60	80.7	314.2	88,000*							60
	65	79.8	313.3	88,000*	80.8	312.6	88,000*				65
	70	78.8	312.3	88,000*	79.9	311.6	88,000*				70
	75	77.9	311.2	88,000*	79.0	310.5	85,800*	80.4	308.4	57,800*	75
	80	76.9	310.0	86,500*	78.0	309.3	82,300*	79.5	307.2	56,100*	80
	85	76.0	308.7	80,200*	77.0	308.1	79,100*	78.5	306.0	54,600*	85
	90	75.0	307.4	74,600*	76.1	306.7	75,100*	77.6	304.6	53,100*	90
	95	74.1	305.9	69,600*	75.1	305.2	70,200*	76.6	303.1	51,800*	95
	100	73.1	304.4	65,200*	74.2	303.7	65,700*	75.6	301.6	50,500*	100
	110	71.1	301.0	57,600*	72.2	300.3	58,100*	73.6	298.2	48,100*	110
	120	69.2	297.3	51,200*	70.2	296.6	51,700*	71.6	294.4	45,900*	120
	130	67.2	293.2	45,800*	68.2	292.4	46,300*	69.6	290.3	44,000*	130
	140	65.1	288.6	41,100*	66.2	287.9	41,700*	67.6	285.6	42,200*	140
	150	63.1	283.6	37,000*	64.1	282.9	37,600*	65.5	280.6	38,200*	150
	160	61.0	278.1	33,400*	62.0	277.4	33,900*	63.4	275.1	34,600*	160
	170	58.8	272.2	29,300*	59.8	271.4	30,400*	61.2	269.0	31,300*	170
	180	56.6	265.7	25,400*	57.6	264.9	26,400*	58.9	262.5	27,600*	180
	190	54.3	258.7	21,900*	55.4	257.9	22,800*	56.7	255.3	23,900*	190
	200	52.0	251.0	18,800*	53.0	250.2	19,600*	54.3	247.6	20,600*	200
	210	49.6	242.7	16,000*	50.6	241.8	16,700*	51.8	239.1	17,700*	210
	220	47.1	233.6	13,500*	48.1	232.7	14,200*				220
	230	44.5	223.6	11,200*	45.5	222.7	11,800*				230
	240	41.8	212.7	9,200*	42.7	211.7	9,700*				240
	250	38.9	200.6	7,300*							250
	260	35.8	187.2	5,500*							260
270	60	81.0	324.3	88,000*							60
	65	80.1	323.4	88,000*							65
	70	79.2	322.5	88,000*	80.2	321.8	88,000*				70
	75	78.3	321.4	88,000*	79.3	320.7	87,100*	80.8	318.7	58,300*	75
	80	77.3	320.3	84,000*	78.4	319.6	83,700*	79.8	317.5	56,700*	80
	85	76.4	319.1	77,700*	77.5	318.4	78,400*	78.9	316.3	55,200*	85
	90	75.5	317.7	72,200*	76.5	317.1	72,800*	78.0	315.0	53,700*	90
	95	74.6	316.3	67,300*	75.6	315.7	67,900*	77.0	313.6	52,400*	95
	100	73.6	314.9	62,900*	74.7	314.2	63,500*	76.1	312.1	51,100*	100
	110	71.7	311.6	55,400*	72.8	310.9	56,000*	74.2	308.8	48,700*	110
	120	69.8	308.0	49,100*	70.9	307.3	49,700*	72.3	305.1	46,500*	120
	130	67.9	304.0	43,800*	68.9	303.3	44,300*	70.3	301.1	44,600*	130
	140	66.0	299.6	39,200*	67.0	298.9	39,700*	68.3	296.7	40,500*	140
	150	64.0	294.8	35,100*	65.0	294.1	35,700*	66.3	291.8	36,400*	150
	160	61.9	289.6	31,500*	63.0	288.8	32,100*	64.3	286.5	32,800*	160
	170	59.9	283.9	28,300*	60.9	283.1	28,900*	62.2	280.8	29,600*	170
	180	57.8	277.7	24,300*	58.8	276.9	25,400*	60.1	274.5	26,700*	180
	190	55.6	271.0	20,800*	56.6	270.2	21,800*	57.9	267.7	23,000*	190
	200	53.4	263.7	17,700*	54.4	262.8	18,600*	55.6	260.3	19,700*	200
	210	51.1	255.8	14,900*	52.1	254.9	15,700*	53.3	252.3	16,700*	210
	220	48.8	247.2	12,400*	49.7	246.3	13,100*				220
	230	46.3	237.8	10,100*	47.3	236.9	10,800*				230
	240	43.7	227.6	8,100*	44.7	226.6	8,600*				240
	250	41.1	216.4	6,200*	42.0	215.4	6,700*				250
	260	38.2	204.1	4,400*							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
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	
120	40	80.6	185.7	88,000*							40
	45	78.9	184.7	88,000*							45
	50	77.3	183.5	88,000*	79.6	182.9	73,100*				50
	55	75.7	182.2	88,000*	77.9	181.5	67,900*				55
	60	74.0	180.7	81,000*	76.2	180.1	63,400*	79.4	178.0	46,000*	60
	65	72.3	179.1	74,800*	74.6	178.4	59,500*	77.7	176.4	43,800*	65
	70	70.6	177.3	69,400*	72.9	176.6	56,000*	76.0	174.5	41,800*	70
	75	68.9	175.3	64,800*	71.1	174.6	52,900*	74.2	172.5	40,000*	75
	80	67.2	173.1	60,700*	69.4	172.5	50,100*	72.4	170.3	38,300*	80
	85	65.4	170.8	57,100*	67.6	170.1	47,600*	70.7	168.0	36,800*	85
	90	63.6	168.3	53,900*	65.8	167.6	45,300*	68.8	165.4	35,400*	90
	95	61.8	165.6	51,000*	64.0	164.9	43,300*	67.0	162.6	34,100*	95
	100	60.0	162.6	48,400*	62.2	161.9	41,400*	65.1	159.6	32,900*	100
	110	56.2	156.1	43,900*	58.3	155.3	38,100*	61.2	153.0	30,800*	110
	120	52.2	148.5	40,200*	54.3	147.7	35,300*	57.1	145.2	29,000*	120
	130	47.9	139.8	37,000*	50.1	138.9	32,900*	52.8	136.2	27,400*	130
	140	43.4	129.5	34,300*	45.5	128.6	30,800*				140
	150	38.4	117.4	31,900*							150
130	45	79.5	194.9	88,000*							45
	50	78.0	193.8	88,000*	80.1	193.1	75,000*				50
	55	76.4	192.5	88,000*	78.6	191.9	69,900*				55
	60	74.9	191.2	84,700*	77.0	190.5	65,300*	80.0	188.4	46,900*	60
	65	73.3	189.6	78,300*	75.4	188.9	61,400*	78.4	186.8	44,700*	65
	70	71.7	187.9	72,700*	73.8	187.2	57,900*	76.7	185.1	42,700*	70
	75	70.1	186.1	67,900*	72.2	185.4	54,700*	75.1	183.2	40,900*	75
	80	68.5	184.0	63,700*	70.6	183.4	51,900*	73.5	181.2	39,200*	80
	85	66.8	181.9	59,900*	68.9	181.2	49,400*	71.8	179.0	37,700*	85
	90	65.1	179.5	56,600*	67.2	178.8	47,100*	70.1	176.6	36,300*	90
	95	63.5	177.0	53,600*	65.5	176.2	45,000*	68.4	174.0	35,000*	95
	100	61.7	174.2	50,900*	63.8	173.5	43,000*	66.6	171.2	33,900*	100
	110	58.2	168.2	46,200*	60.3	167.4	39,700*	63.0	165.0	31,700*	110
	120	54.5	161.2	42,300*	56.6	160.4	36,800*	59.3	157.9	29,900*	120
	130	50.7	153.2	39,000*	52.7	152.4	34,300*	55.3	149.7	28,300*	130
	140	46.6	144.0	36,100*	48.5	143.1	32,200*	51.1	140.3	26,900*	140
	150	42.1	133.3	33,700*	44.1	132.4	30,300*				150
	160	37.3	120.7	31,500*							160
140	45	80.1	205.1	88,000*							45
	50	78.6	204.0	88,000*	80.6	203.4	76,900*				50
	55	77.1	202.9	88,000*	79.1	202.2	71,700*				55
	60	75.6	201.5	88,000*	77.7	200.9	67,200*	80.5	198.8	47,600*	60
	65	74.2	200.1	81,600*	76.2	199.4	63,200*	79.0	197.3	45,500*	65
	70	72.6	198.5	75,900*	74.7	197.8	59,700*	77.4	195.7	43,500*	70
	75	71.1	196.7	70,900*	73.1	196.0	56,500*	75.9	193.9	41,800*	75
	80	69.6	194.8	66,600*	71.6	194.1	53,600*	74.3	191.9	40,100*	80
	85	68.0	192.8	62,700*	70.0	192.1	51,100*	72.8	189.9	38,600*	85
	90	66.5	190.6	59,200*	68.5	189.9	48,700*	71.2	187.6	37,200*	90
	95	64.9	188.2	56,100*	66.9	187.5	46,600*	69.6	185.2	35,900*	95
	100	63.3	185.6	53,300*	65.2	184.9	44,600*	67.9	182.6	34,700*	100
	110	60.0	180.0	48,400*	61.9	179.2	41,200*	64.6	176.8	32,600*	110
	120	56.6	173.5	44,300*	58.5	172.7	38,200*	61.1	170.2	30,700*	120
	130	53.0	166.1	40,900*	54.9	165.3	35,700*	57.5	162.7	29,100*	130
	140	49.3	157.7	37,900*	51.2	156.9	33,500*	53.6	154.1	27,700*	140
	150	45.3	148.1	35,300*	47.2	147.2	31,500*				150
	160	41.0	137.0	33,100*	42.8	136.0	29,800*				160
	170	36.3	124.0	31,100*							170

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
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	45	80.5	215.3	88,000*							45
	50	79.2	214.3	88,000*							50
	55	77.8	213.2	88,000*	79.7	212.5	73,500*				55
	60	76.3	211.9	88,000*	78.3	211.2	69,000*	81.0	209.1	48,400*	60
	65	74.9	210.5	85,000*	76.8	209.8	65,000*	79.5	207.7	46,200*	65
	70	73.5	209.0	79,100*	75.4	208.3	61,400*	78.1	206.1	44,300*	70
	75	72.1	207.3	73,900*	74.0	206.6	58,200*	76.6	204.4	42,600*	75
	80	70.6	205.5	69,400*	72.5	204.8	55,300*	75.1	202.6	40,900*	80
	85	69.2	203.6	65,400*	71.0	202.9	52,700*	73.7	200.6	39,400*	85
	90	67.7	201.5	61,800*	69.6	200.8	50,300*	72.2	198.5	38,100*	90
	95	66.2	199.3	58,600*	68.1	198.5	48,200*	70.6	196.2	36,800*	95
	100	64.7	196.9	55,700*	66.5	196.1	46,200*	69.1	193.8	35,600*	100
	110	61.6	191.5	50,600*	63.4	190.8	42,700*	66.0	188.4	33,400*	110
	120	58.4	185.5	46,400*	60.2	184.7	39,600*	62.7	182.2	31,600*	120
	130	55.1	178.7	42,800*	56.9	177.8	37,000*	59.3	175.3	29,900*	130
	140	51.6	170.9	39,700*	53.4	170.1	34,800*	55.8	167.3	28,500*	140
	150	48.0	162.1	37,000*	49.8	161.2	32,800*	52.1	158.3	27,200*	150
	160	44.1	152.1	34,700*	45.9	151.1	31,000*				160
	170	40.0	140.6	32,600*	41.7	139.5	29,400*				170
	180	35.4	127.1	30,800*							180
160	45	81.0	225.4	88,000*							45
	50	79.7	224.5	88,000*							50
	55	78.3	223.4	88,000*	80.2	222.7	75,200*				55
	60	77.0	222.2	88,000*	78.8	221.5	70,600*				60
	65	75.6	220.9	88,000*	77.5	220.2	66,600*	80.0	218.0	47,000*	65
	70	74.3	219.5	82,200*	76.1	218.8	63,100*	78.7	216.6	45,100*	70
	75	72.9	217.9	76,900*	74.7	217.2	59,800*	77.3	215.0	43,300*	75
	80	71.5	216.2	72,200*	73.4	215.5	56,900*	75.9	213.2	41,700*	80
	85	70.1	214.3	68,100*	72.0	213.6	54,300*	74.5	211.4	40,200*	85
	90	68.7	212.4	64,400*	70.6	211.6	51,900*	73.0	209.3	38,900*	90
	95	67.3	210.2	61,000*	69.1	209.5	49,700*	71.6	207.2	37,600*	95
	100	65.9	208.0	58,000*	67.7	207.2	47,700*	70.1	204.9	36,400*	100
	110	63.0	203.0	52,800*	64.8	202.2	44,100*	67.2	199.8	34,200*	110
	120	60.0	197.3	48,400*	61.8	196.5	41,000*	64.1	194.0	32,300*	120
	130	56.9	190.9	44,700*	58.7	190.1	38,300*	61.0	187.5	30,700*	130
	140	53.7	183.7	41,500*	55.4	182.8	36,000*	57.7	180.2	29,200*	140
	150	50.3	175.6	38,700*	52.1	174.7	34,000*	54.3	171.9	27,900*	150
	160	46.8	166.4	36,300*	48.5	165.5	32,100*				160
	170	43.0	156.0	34,100*	44.7	155.0	30,500*				170
	180	39.0	144.0	32,200*							180
	190	34.5	130.1	30,100*							190
170	50	80.1	234.7	88,000*	80.6	233.0	76,800*				50
	55	78.8	233.7	88,000*							55
	60	77.6	232.5	88,000*	79.3	231.8	72,300*				60
	65	76.3	231.3	88,000*	78.0	230.6	68,200*	80.5	228.3	47,600*	65
	70	75.0	229.9	85,200*	76.7	229.2	64,700*	79.2	226.9	45,800*	70
	75	73.7	228.4	79,800*	75.4	227.7	61,400*	77.9	225.4	44,000*	75
	80	72.4	226.8	75,000*	74.1	226.0	58,500*	76.5	223.8	42,400*	80
	85	71.1	225.0	70,700*	72.8	224.3	55,800*	75.2	222.0	41,000*	85
	90	69.7	223.1	66,900*	71.4	222.4	53,400*	73.8	220.1	39,600*	90
	95	68.4	221.1	63,500*	70.1	220.4	51,200*	72.5	218.0	38,300*	95
	100	67.0	219.0	60,400*	68.7	218.2	49,100*	71.1	215.9	37,100*	100
	110	64.3	214.2	55,000*	66.0	213.5	45,500*	68.3	211.0	35,000*	110
	120	61.4	208.9	50,400*	63.1	208.1	42,300*	65.4	205.6	33,100*	120
	130	58.5	202.8	46,600*	60.2	202.0	39,600*	62.5	199.5	31,400*	130
	140	55.5	196.1	43,200*	57.2	195.3	37,200*	59.4	192.6	29,900*	140
	150	52.4	188.5	40,400*	54.1	187.7	35,100*	56.2	184.9	28,600*	150
	160	49.1	180.1	37,800*	50.8	179.2	33,300*	52.9	176.3	27,400*	160
	170	45.7	170.6	35,600*	47.3	169.6	31,600*				170
	180	42.0	159.8	33,400*	43.6	158.7	30,100*				180
	190	38.1	147.4	30,400*							190

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JIB NO. 125 WITH 18'9" STRUT ON
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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	
180	50	80.5	244.9	88,000*							50
	55	79.3	243.9	88,000*							55
	60	78.1	242.8	88,000*	79.8	242.1	73,800*				60
	65	76.9	241.6	88,000*	78.5	240.9	69,800*	80.9	238.6	48,200*	65
	70	75.6	240.3	88,000*	77.3	239.6	66,200*	79.6	237.3	46,400*	70
	75	74.4	238.8	82,600*	76.1	238.1	62,900*	78.4	235.8	44,700*	75
	80	73.1	237.3	77,700*	74.8	236.6	60,000*	77.1	234.3	43,100*	80
	85	71.9	235.6	73,300*	73.5	234.9	57,300*	75.8	232.6	41,700*	85
	90	70.6	233.8	69,400*	72.3	233.1	54,800*	74.6	230.8	40,300*	90
	95	69.3	231.9	65,800*	71.0	231.2	52,600*	73.3	228.8	39,100*	95
	100	68.0	229.9	62,600*	69.7	229.1	50,500*	71.9	226.7	37,900*	100
	110	65.4	225.4	57,100*	67.1	224.6	46,800*	69.3	222.2	35,700*	110
	120	62.7	220.3	52,400*	64.4	219.5	43,600*	66.6	217.0	33,800*	120
	130	60.0	214.6	48,400*	61.6	213.8	40,900*	63.8	211.2	32,100*	130
	140	57.2	208.3	45,000*	58.8	207.4	38,400*	60.9	204.8	30,600*	140
	150	54.2	201.2	42,000*	55.8	200.3	36,300*	57.9	197.6	29,300*	150
	160	51.2	193.3	39,400*	52.8	192.4	34,400*	54.8	189.5	28,100*	160
	170	48.0	184.5	36,100*	49.6	183.5	32,700*	51.6	180.5	27,000*	170
	180	44.7	174.6	32,700*	46.2	173.6	31,100*				180
	190	41.1	163.5	29,700*	42.6	162.4	29,800*				190
	200	37.2	150.7	26,700*							200
190	50	80.9	255.0	88,000*							50
	55	79.7	254.1	88,000*							55
	60	78.6	253.0	88,000*	80.2	252.3	75,300*				60
	65	77.4	251.9	88,000*	79.0	251.2	71,300*				65
	70	76.2	250.6	88,000*	77.8	249.9	67,700*	80.1	247.6	47,000*	70
	75	75.0	249.3	85,400*	76.6	248.5	64,400*	78.9	246.2	45,300*	75
	80	73.8	247.8	80,300*	75.4	247.0	61,400*	77.7	244.7	43,800*	80
	85	72.6	246.2	75,800*	74.2	245.4	58,700*	76.4	243.1	42,300*	85
	90	71.4	244.5	71,800*	73.0	243.7	56,300*	75.2	241.4	41,000*	90
	95	70.2	242.6	68,200*	71.8	241.9	54,000*	74.0	239.5	39,700*	95
	100	69.0	240.7	64,900*	70.5	239.9	51,900*	72.7	237.5	38,600*	100
	110	66.5	236.4	59,200*	68.0	235.6	48,100*	70.2	233.2	36,400*	110
	120	63.9	231.6	54,400*	65.5	230.8	44,900*	67.6	228.3	34,500*	120
	130	61.3	226.2	50,300*	62.9	225.4	42,100*	65.0	222.8	32,800*	130
	140	58.6	220.2	46,700*	60.2	219.4	39,600*	62.3	216.7	31,300*	140
	150	55.9	213.5	43,500*	57.4	212.7	37,400*	59.4	210.0	30,000*	150
	160	53.0	206.1	39,100*	54.6	205.2	35,500*	56.5	202.4	28,700*	160
	170	50.1	197.9	35,300*	51.6	197.0	33,700*	53.5	194.1	27,600*	170
	180	47.0	188.8	31,900*	48.5	187.8	32,100*				180
	190	43.7	178.6	28,500*	45.2	177.5	29,200*				190
	200	40.2	167.1	25,500*	41.6	166.0	26,100*				200
	210	36.4	154.0	22,800*							210
200	55	80.1	264.3	88,000*							55
	60	79.0	263.3	88,000*	80.6	262.5	76,700*				60
	65	77.9	262.2	88,000*	79.4	261.4	72,700*				65
	70	76.8	261.0	88,000*	78.3	260.2	69,100*	80.5	257.9	47,600*	70
	75	75.6	259.6	88,000*	77.2	258.9	65,800*	79.3	256.6	45,900*	75
	80	74.5	258.2	83,000*	76.0	257.5	62,800*	78.2	255.1	44,400*	80
	85	73.3	256.7	78,400*	74.9	255.9	60,100*	77.0	253.6	43,000*	85
	90	72.2	255.1	74,200*	73.7	254.3	57,600*	75.8	251.9	41,700*	90
	95	71.0	253.3	70,500*	72.5	252.5	55,300*	74.6	250.2	40,400*	95
	100	69.8	251.4	67,100*	71.3	250.7	53,200*	73.4	248.3	39,200*	100
	110	67.4	247.3	61,300*	68.9	246.6	49,400*	71.0	244.1	37,100*	110
	120	65.0	242.7	56,300*	66.5	241.9	46,100*	68.6	239.5	35,200*	120
	130	62.5	237.6	52,100*	64.0	236.8	43,300*	66.1	234.3	33,500*	130
	140	60.0	231.9	48,100*	61.5	231.1	40,800*	63.5	228.5	32,000*	140
	150	57.4	225.6	43,100*	58.9	224.8	38,500*	60.8	222.1	30,600*	150
	160	54.7	218.7	38,700*	56.2	217.8	36,500*	58.1	215.0	29,400*	160
	170	51.9	211.0	34,900*	53.4	210.0	34,700*	55.3	207.2	28,200*	170
	180	49.0	202.4	31,400*	50.5	201.5	32,100*	52.3	198.5	27,200*	180
	190	46.0	193.0	28,000*	47.4	192.0	28,700*				190
	200	42.8	182.4	25,000*	44.2	181.4	25,600*				200
	210	39.4	170.6	22,200*							210
	220	35.7	157.1	19,800*							220

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
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	55	80.5	274.4	88,000*							55
	60	79.4	273.5	88,000*	80.9	272.7	78,000*				60
	65	78.3	272.4	88,000*	79.8	271.7	74,000*				65
	70	77.3	271.3	88,000*	78.7	270.5	70,400*				70
	75	76.2	270.0	88,000*	77.7	269.2	67,200*	80.8	268.2	48,100*	75
	80	75.1	268.6	85,500*	76.5	267.9	64,200*	78.6	265.5	45,000*	80
	85	74.0	267.2	80,800*	75.4	266.4	61,400*	77.5	264.0	43,600*	85
	90	72.8	265.6	76,600*	74.3	264.8	58,900*	76.4	262.5	42,300*	90
	95	71.7	263.9	72,800*	73.2	263.1	56,600*	75.2	260.8	41,000*	95
	100	70.6	262.1	69,300*	72.1	261.3	54,500*	74.1	258.9	39,900*	100
	110	68.3	258.2	63,300*	69.8	257.4	50,700*	71.8	255.0	37,700*	110
	120	66.0	253.8	58,200*	67.5	253.0	47,300*	69.4	250.5	35,800*	120
	130	63.6	248.9	53,200*	65.1	248.1	44,400*	67.0	245.6	34,100*	130
	140	61.2	243.5	47,300*	62.7	242.7	41,900*	64.6	240.1	32,600*	140
	150	58.7	237.5	42,300*	60.2	236.7	39,600*	62.1	234.0	31,200*	150
	160	56.2	230.9	37,900*	57.6	230.1	37,600*	59.5	227.3	30,000*	160
	170	53.6	223.7	34,000*	55.0	222.8	34,800*	56.8	219.9	28,800*	170
	180	50.9	215.7	30,300*	52.3	214.7	31,200*	54.1	211.8	27,800*	180
	190	48.0	206.9	26,900*	49.4	205.9	27,700*	51.2	202.8	26,900*	190
	200	45.1	197.1	23,800*	46.4	196.1	24,500*				200
210	41.9	186.2	21,100*		43.3	185.1	21,700*				210
220	38.6	174.0	18,600*								220
230	35.0	160.2	16,400*								230
220	55	80.9	284.6	88,000*							55
	60	79.8	283.7	88,000*							60
	65	78.8	282.6	88,000*	80.2	281.9	75,300*				65
	70	77.7	281.5	88,000*	79.2	280.8	71,700*				70
	75	76.7	280.3	88,000*	78.1	279.6	68,500*	80.1	277.2	47,100*	75
	80	75.6	279.0	88,000*	77.0	278.3	65,500*	79.0	275.9	45,600*	80
	85	74.5	277.6	83,300*	76.0	276.8	62,700*	78.0	274.5	44,200*	85
	90	73.5	276.1	79,000*	74.9	275.3	60,200*	76.9	272.9	42,900*	90
	95	72.4	274.5	75,100*	73.8	273.7	57,900*	75.8	271.3	41,600*	95
	100	71.3	272.7	71,500*	72.7	272.0	55,700*	74.7	269.6	40,500*	100
	110	69.1	269.0	65,300*	70.5	268.2	51,900*	72.5	265.7	38,300*	110
	120	66.9	264.8	59,100*	68.3	264.0	48,500*	70.2	261.5	36,400*	120
	130	64.7	260.1	52,600*	66.1	259.3	45,600*	67.9	256.7	34,700*	130
	140	62.3	254.9	46,700*	63.7	254.1	43,000*	65.6	251.5	33,200*	140
	150	60.0	249.2	41,600*	61.4	248.4	40,700*	63.2	245.7	31,800*	150
	160	57.6	243.0	37,200*	59.0	242.1	38,100*	60.8	239.4	30,600*	160
	170	55.1	236.1	33,400*	56.5	235.2	34,100*	58.2	232.4	29,400*	170
	180	52.5	228.6	29,500*	53.9	227.6	30,400*	55.6	224.7	28,400*	180
	190	49.9	220.3	26,000*	51.2	219.3	26,900*	52.9	216.3	27,400*	190
	200	47.1	211.2	22,900*	48.4	210.2	23,700*				200
210	44.2	201.1	20,200*		45.5	200.0	20,800*				210
220	41.1	189.9	17,700*		42.4	188.8	18,300*				220
230	37.8	177.4	15,400*								230
240	34.3	163.3	13,300*								240

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
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	
230	60	80.2	293.8	88,000*							60
	65	79.2	292.9	88,000*	80.6	292.1	76,600*				65
	70	78.2	291.8	88,000*	79.5	291.0	73,000*				70
	75	77.1	290.6	88,000*	78.5	289.9	69,700*	80.5	287.5	47,600*	75
	80	76.1	289.4	88,000*	77.5	288.6	66,700*	79.4	286.2	46,100*	80
	85	75.1	288.0	85,700*	76.5	287.2	64,000*	78.4	284.8	44,700*	85
	90	74.1	286.5	80,900*	75.4	285.8	61,500*	77.4	283.4	43,400*	90
	95	73.0	285.0	75,800*	74.4	284.2	59,100*	76.3	281.8	42,200*	95
	100	72.0	283.3	71,200*	73.4	282.6	56,900*	75.3	280.1	41,000*	100
	110	69.9	279.7	63,400*	71.3	278.9	53,100*	73.1	276.5	38,900*	110
	120	67.8	275.7	56,800*	69.1	274.9	49,700*	71.0	272.4	37,000*	120
	130	65.6	271.2	51,200*	66.9	270.4	46,700*	68.8	267.8	35,300*	130
	140	63.4	266.3	45,800*	64.7	265.4	44,000*	66.5	262.8	33,800*	140
	150	61.1	260.8	40,800*	62.5	260.0	41,700*	64.3	257.3	32,400*	150
	160	58.8	254.9	36,400*	60.2	254.0	37,300*	61.9	251.3	31,100*	160
	170	56.5	248.3	32,300*	57.8	247.4	33,400*	59.5	244.6	30,000*	170
	180	54.0	241.2	28,400*	55.4	240.3	29,400*	57.1	237.4	28,900*	180
	190	51.5	233.4	24,900*	52.8	232.4	25,800*	54.5	229.4	27,000*	190
	200	48.9	224.8	21,800*	50.2	223.8	22,600*	51.9	220.7	23,700*	200
	210	46.2	215.4	19,000*	47.5	214.4	19,800*				210
	220	43.4	205.0	16,500*	44.6	203.9	17,200*				220
	230	40.4	193.6	14,300*	41.6	192.4	14,800*				230
	240	37.2	180.7	12,200*							240
240	60	80.5	304.0	88,000*							60
	65	79.5	303.1	88,000*	80.9	302.3	77,800*				65
	70	78.6	302.0	88,000*	79.9	301.3	74,200*				70
	75	77.6	300.9	88,000*	78.9	300.1	71,000*	80.8	297.7	48,100*	75
	80	76.6	299.7	88,000*	77.9	298.9	68,000*	79.8	296.5	46,600*	80
	85	75.6	298.4	84,500*	76.9	297.6	65,200*	78.8	295.2	45,200*	85
	90	74.6	297.0	78,900*	75.9	296.2	62,700*	77.8	293.8	44,000*	90
	95	73.6	295.5	73,800*	74.9	294.7	60,300*	76.8	292.3	42,700*	95
	100	72.6	293.9	69,300*	73.9	293.1	58,100*	75.8	290.7	41,600*	100
	110	70.6	290.4	61,500*	71.9	289.6	54,200*	73.7	287.1	39,500*	110
	120	68.5	286.5	55,100*	69.9	285.7	50,800*	71.7	283.2	37,600*	120
	130	66.5	282.2	49,500*	67.8	281.4	47,800*	69.5	278.8	35,900*	130
	140	64.3	277.5	44,700*	65.6	276.6	45,100*	67.4	274.0	34,400*	140
	150	62.2	272.3	40,400*	63.5	271.4	41,100*	65.2	268.8	33,000*	150
	160	60.0	266.6	36,000*	61.3	265.7	36,900*	63.0	263.0	31,700*	160
	170	57.7	260.3	31,800*	59.0	259.5	32,900*	60.7	256.7	30,500*	170
	180	55.4	253.5	27,800*	56.7	252.6	28,900*	58.4	249.8	29,500*	180
	190	53.1	246.1	24,400*	54.3	245.2	25,300*	55.9	242.2	26,600*	190
	200	50.6	238.0	21,300*	51.9	237.1	22,100*	53.5	234.0	23,200*	200
	210	48.0	229.2	18,500*	49.3	228.2	19,200*				210
	220	45.4	219.5	16,000*	46.6	218.5	16,700*				220
	230	42.6	208.9	13,700*	43.8	207.8	14,300*				230
	240	39.6	197.1	11,600*							240
	250	36.5	184.0	9,700*							250

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
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	
250	60	80.8	314.2	88,000*							60
	65	79.9	313.3	88,000*							65
	70	78.9	312.2	88,000*	80.2	311.5	75,400*				70
	75	78.0	311.2	88,000*	79.3	310.4	72,100*				75
	80	77.0	310.0	88,000*	78.3	309.2	69,100*	80.1	306.8	47,100*	80
	85	76.1	308.7	82,000*	77.4	307.9	66,400*	79.2	305.5	45,800*	85
	90	75.1	307.4	76,400*	76.4	306.6	63,800*	78.2	304.2	44,500*	90
	95	74.2	305.9	71,400*	75.4	305.1	61,500*	77.2	302.7	43,300*	95
	100	73.2	304.4	66,900*	74.5	303.6	59,300*	76.3	301.1	42,100*	100
	110	71.2	301.0	59,300*	72.5	300.2	55,300*	74.3	297.8	40,000*	110
	120	69.3	297.3	52,900*	70.5	296.5	51,900*	72.3	294.0	38,200*	120
	130	67.3	293.2	47,400*	68.5	292.3	48,000*	70.3	289.8	36,500*	130
	140	65.2	288.6	42,700*	66.5	287.8	43,300*	68.2	285.2	34,900*	140
	150	63.2	283.6	38,600*	64.4	282.8	39,200*	66.1	280.1	33,500*	150
	160	61.1	278.1	34,900*	62.3	277.3	35,500*	64.0	274.6	32,200*	160
	170	58.9	272.2	30,700*	60.2	271.3	31,900*	61.8	268.5	31,100*	170
	180	56.7	265.7	26,800*	57.9	264.8	27,900*	59.6	262.0	29,400*	180
	190	54.4	258.7	23,300*	55.7	257.7	24,300*	57.3	254.8	25,600*	190
	200	52.1	251.0	20,200*	53.3	250.0	21,100*	54.9	247.0	22,300*	200
	210	49.7	242.6	17,400*	50.9	241.7	18,200*	52.4	238.5	19,300*	210
260	220	47.2	233.5	14,900*	48.4	232.5	15,600*				220
	230	44.6	223.6	12,600*	45.8	222.5	13,300*				230
	240	41.9	212.7	10,500*	43.0	211.5	11,100*				240
	250	39.0	200.6	8,600*							250
	260	35.9	187.2	6,900*							260
	65	80.2	323.4	88,000*							65
	70	79.3	322.5	88,000*	80.5	321.7	76,500*				70
	75	78.4	321.4	88,000*	79.6	320.6	73,300*				75
	80	77.4	320.3	86,000*	78.7	319.5	70,300*	80.5	317.1	47,600*	80
	85	76.5	319.0	79,700*	77.8	318.3	67,500*	79.5	315.8	46,200*	85
	90	75.6	317.7	74,200*	76.9	317.0	65,000*	78.6	314.5	45,000*	90
	95	74.7	316.3	69,200*	75.9	315.6	62,600*	77.7	313.1	43,800*	95
	100	73.7	314.9	64,800*	75.0	314.1	60,400*	76.7	311.6	42,700*	100
	110	71.9	311.6	57,200*	73.1	310.8	56,400*	74.8	308.3	40,600*	110
	120	69.9	308.0	50,900*	71.2	307.2	51,500*	72.9	304.7	38,700*	120
	130	68.0	304.0	45,600*	69.3	303.2	46,200*	70.9	300.6	37,000*	130
	140	66.1	299.6	40,900*	67.3	298.8	41,500*	68.9	296.2	35,500*	140
	150	64.1	294.8	36,900*	65.3	294.0	37,500*	66.9	291.3	34,100*	150
	160	62.1	289.6	33,300*	63.3	288.7	33,900*	64.9	286.0	32,800*	160
	170	60.0	283.9	29,900*	61.2	283.0	30,600*	62.8	280.3	31,400*	170
	180	57.9	277.7	25,900*	59.1	276.8	27,100*	60.7	274.0	28,400*	180
	190	55.7	271.0	22,400*	56.9	270.0	23,500*	58.5	267.2	24,900*	190
	200	53.5	263.7	19,300*	54.7	262.7	20,300*	56.2	259.7	21,500*	200
	210	51.2	255.7	16,500*	52.4	254.8	17,400*	53.9	251.7	18,500*	210
	220	48.9	247.2	14,000*	50.0	246.1	14,800*	51.5	243.0	15,800*	220
	230	46.4	237.8	11,700*	47.6	236.7	12,400*				230
	240	43.8	227.6	9,600*	45.0	226.5	10,300*				240
	250	41.2	216.4	7,700*	42.3	215.2	8,300*				250
	260	38.3	204.0	6,000*							260
	270	35.3	190.3	4,400*							270

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
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	65	80.5	333.6	88,000*							65
	70	79.6	332.7	88,000*	80.8	331.9	77,600*				70
	75	78.7	331.6	88,000*	79.9	330.9	74,400*				75
	80	77.8	330.5	83,600*	79.1	329.8	71,400*	80.8	327.3	48,000*	80
	85	76.9	329.3	77,400*	78.2	328.6	68,600*	79.9	326.1	46,700*	85
	90	76.0	328.1	71,800*	77.3	327.3	66,100*	78.9	324.8	45,400*	90
	95	75.1	326.7	67,000*	76.4	325.9	63,700*	78.0	323.5	44,300*	95
	100	74.2	325.3	62,600*	75.5	324.5	61,500*	77.1	322.0	43,100*	100
	110	72.4	322.2	55,100*	73.6	321.4	55,800*	75.3	318.9	41,100*	110
	120	70.6	318.7	48,800*	71.8	317.9	49,500*	73.4	315.3	39,200*	120
	130	68.7	314.8	43,500*	69.9	314.0	44,200*	71.5	311.5	37,500*	130
	140	66.8	310.6	39,000*	68.0	309.8	39,600*	69.6	307.2	36,000*	140
	150	64.9	306.0	35,000*	66.1	305.1	35,600*	67.7	302.5	34,600*	150
	160	63.0	300.9	31,400*	64.2	300.1	32,100*	65.7	297.4	32,900*	160
	170	61.0	295.5	28,200*	62.2	294.6	28,900*	63.7	291.8	29,700*	170
	180	59.0	289.5	24,900*	60.1	288.6	26,000*	61.7	285.8	26,800*	180
	190	56.9	283.1	21,400*	58.1	282.2	22,500*	59.6	279.3	23,900*	190
	200	54.8	276.1	18,200*	55.9	275.2	19,300*	57.4	272.2	20,600*	200
	210	52.6	268.6	15,400*	53.8	267.6	16,400*	55.2	264.6	17,600*	210
	220	50.4	260.4	12,900*	51.5	259.4	13,700*	53.0	256.3	14,800*	220
	230	48.1	251.6	10,600*	49.2	250.5	11,400*				230
	240	45.7	242.0	8,500*	46.8	240.9	9,200*				240
	250	43.1	231.5	6,600*	44.2	230.4	7,200*				250
	260	40.5	220.0	4,800*	41.6	218.9	5,400*				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
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	45	79.6	194.9	88,000*							45
	50	78.0	193.8	88,000*	80.5	193.2	66,400*				50
	55	76.5	192.6	80,700*	78.9	191.9	61,600*				55
	60	74.9	191.2	73,800*	77.4	190.5	57,400*	81.3	188.7	41,100*	60
	65	73.3	189.6	68,000*	75.8	189.0	53,700*	79.7	187.2	39,100*	65
	70	71.7	187.9	63,000*	74.2	187.3	50,500*	78.0	185.5	37,200*	70
	75	70.1	186.1	58,700*	72.6	185.4	47,600*	76.4	183.7	35,500*	75
	80	68.5	184.1	54,900*	70.9	183.4	45,000*	74.8	181.7	34,000*	80
	85	66.8	181.9	51,500*	69.3	181.2	42,700*	73.1	179.5	32,600*	85
	90	65.2	179.5	48,600*	67.6	178.8	40,600*	71.4	177.1	31,300*	90
	95	63.5	177.0	45,900*	65.9	176.3	38,700*	69.7	174.6	30,100*	95
	100	61.8	174.2	43,500*	64.2	173.5	37,000*	67.9	171.9	29,000*	100
	110	58.2	168.2	39,300*	60.6	167.4	33,900*	64.4	165.8	27,100*	110
	120	54.6	161.2	35,900*	56.9	160.4	31,300*	60.6	158.8	25,400*	120
	130	50.7	153.2	33,000*	53.1	152.4	29,100*	56.7	150.8	23,900*	130
	140	46.6	144.0	30,500*	48.9	143.1	27,200*	52.5	141.5	22,600*	140
150	42.2	133.3	28,300*	44.5	132.4	25,500*				150	
160	37.3	120.8	26,400*							160	
130	45	80.1	205.1	88,000*							45
	50	78.6	204.1	88,000*							50
	55	77.1	202.9	84,200*	79.5	202.2	63,300*				55
	60	75.7	201.6	77,100*	78.0	200.9	59,000*				60
	65	74.2	200.1	71,100*	76.5	199.4	55,400*	80.2	197.6	39,800*	65
	70	72.7	198.5	65,900*	75.0	197.8	52,100*	78.7	196.0	38,000*	70
	75	71.2	196.8	61,400*	73.5	196.1	49,200*	77.1	194.3	36,300*	75
	80	69.6	194.9	57,500*	72.0	194.2	46,600*	75.6	192.4	34,800*	80
	85	68.1	192.8	54,000*	70.4	192.1	44,200*	74.0	190.3	33,400*	85
	90	66.5	190.6	50,900*	68.8	189.9	42,100*	72.4	188.1	32,100*	90
	95	64.9	188.2	48,100*	67.2	187.5	40,200*	70.8	185.7	30,900*	95
	100	63.3	185.6	45,600*	65.6	184.9	38,400*	69.2	183.2	29,800*	100
	110	60.0	180.0	41,300*	62.3	179.2	35,300*	65.8	177.5	27,800*	110
	120	56.6	173.5	37,700*	58.9	172.7	32,600*	62.4	171.0	26,100*	120
	130	53.0	166.1	34,700*	55.3	165.3	30,300*	58.8	163.6	24,600*	130
	140	49.3	157.8	32,100*	51.5	156.9	28,300*	55.0	155.2	23,300*	140
150	45.3	148.1	29,800*	47.5	147.2	26,600*				150	
160	41.0	137.0	27,800*	43.2	136.0	25,100*				160	
170	36.3	124.0	26,100*							170	
140	45	80.6	215.3	88,000*							45
	50	79.2	214.3	88,000*							50
	55	77.8	213.2	87,500*	80.0	212.5	64,800*				55
	60	76.4	211.9	80,300*	78.6	211.2	60,600*				60
	65	75.0	210.5	74,100*	77.2	209.8	56,900*	80.7	208.0	40,400*	65
	70	73.5	209.0	68,700*	75.8	208.3	53,600*	79.2	206.4	38,600*	70
	75	72.1	207.4	64,100*	74.3	206.7	50,700*	77.8	204.8	37,000*	75
	80	70.6	205.6	60,000*	72.9	204.9	48,100*	76.3	203.0	35,500*	80
	85	69.2	203.6	56,400*	71.4	202.9	45,700*	74.8	201.1	34,100*	85
	90	67.7	201.5	53,200*	69.9	200.8	43,500*	73.3	199.0	32,800*	90
	95	66.2	199.3	50,400*	68.4	198.5	41,600*	71.8	196.7	31,600*	95
	100	64.7	196.9	47,800*	66.9	196.1	39,800*	70.3	194.3	30,500*	100
	110	61.6	191.6	43,300*	63.8	190.8	36,600*	67.1	189.0	28,600*	110
	120	58.4	185.5	39,500*	60.6	184.7	33,900*	63.9	183.0	26,900*	120
	130	55.1	178.7	36,400*	57.3	177.9	31,500*	60.6	176.1	25,300*	130
	140	51.6	170.9	33,600*	53.8	170.1	29,500*	57.0	168.3	24,000*	140
150	48.0	162.1	31,300*	50.1	161.2	27,700*	53.4	159.4	22,900*	150	
160	44.1	152.1	29,200*	46.2	151.1	26,100*				160	
170	40.0	140.6	27,400*	42.0	139.5	24,700*				170	
180	35.4	127.1	25,800*							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
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	45	81.0	225.5	88,000*							45
	50	79.7	224.5	88,000*							50
	55	78.3	223.4	88,000*	80.5	222.7	66,400*				55
	60	77.0	222.2	83,400*	79.1	221.5	62,200*				60
	65	75.7	220.9	77,000*	77.8	220.2	58,400*	81.1	218.3	41,000*	65
	70	74.3	219.5	71,500*	76.4	218.8	55,100*	79.8	216.8	39,300*	70
	75	72.9	217.9	66,800*	75.1	217.2	52,200*	78.4	215.3	37,700*	75
	80	71.6	216.2	62,600*	73.7	215.5	49,500*	77.0	213.6	36,200*	80
	85	70.2	214.4	58,800*	72.3	213.6	47,100*	75.6	211.7	34,800*	85
	90	68.8	212.4	55,500*	70.9	211.6	44,900*	74.2	209.8	33,500*	90
	95	67.4	210.3	52,500*	69.5	209.5	42,900*	72.7	207.6	32,300*	95
	100	65.9	208.0	49,900*	68.0	207.2	41,100*	71.3	205.4	31,300*	100
	110	63.0	203.0	45,200*	65.1	202.2	37,800*	68.3	200.4	29,300*	110
	120	60.0	197.3	41,300*	62.1	196.5	35,100*	65.3	194.7	27,600*	120
	130	56.9	190.9	38,000*	59.0	190.1	32,700*	62.1	188.3	26,000*	130
	140	53.7	183.7	35,200*	55.8	182.8	30,600*	58.9	181.0	24,700*	140
	150	50.3	175.6	32,700*	52.4	174.7	28,700*	55.5	172.8	23,500*	150
	160	46.8	166.4	30,600*	48.8	165.5	27,100*	51.9	163.6	22,400*	160
160	170	43.1	156.0	28,700*	45.0	155.0	25,700*				170
	180	39.0	144.1	27,000*	41.0	142.9	24,400*				180
	190	34.5	130.1	25,500*							190
	50	80.1	234.7	88,000*							50
	55	78.9	233.7	88,000*	80.9	233.0	67,800*				55
	60	77.6	232.5	86,500*	79.6	231.8	63,600*				60
	65	76.3	231.3	79,900*	78.3	230.6	59,900*				65
	70	75.0	229.9	74,300*	77.0	229.2	56,600*	80.2	227.2	39,900*	70
	75	73.7	228.4	69,400*	75.7	227.7	53,600*	78.9	225.7	38,300*	75
	80	72.4	226.8	65,000*	74.4	226.0	50,900*	77.6	224.1	36,800*	80
	85	71.1	225.0	61,200*	73.1	224.3	48,500*	76.2	222.3	35,400*	85
	90	69.7	223.2	57,800*	71.8	222.4	46,300*	74.9	220.5	34,200*	90
	95	68.4	221.1	54,700*	70.4	220.4	44,200*	73.5	218.5	33,000*	95
	100	67.0	219.0	51,900*	69.1	218.2	42,400*	72.2	216.3	31,900*	100
	110	64.3	214.2	47,100*	66.3	213.5	39,100*	69.4	211.6	30,000*	110
	120	61.5	208.9	43,100*	63.4	208.1	36,300*	66.5	206.2	28,200*	120
	130	58.5	202.9	39,700*	60.5	202.0	33,800*	63.6	200.2	26,700*	130
	140	55.5	196.1	36,700*	57.5	195.3	31,700*	60.5	193.4	25,300*	140
170	150	52.4	188.6	34,200*	54.4	187.7	29,800*	57.3	185.8	24,100*	150
	160	49.1	180.1	32,000*	51.1	179.2	28,100*	54.0	177.3	23,100*	160
	170	45.7	170.6	30,000*	47.6	169.6	26,600*				170
	180	42.0	159.8	28,200*	43.9	158.7	25,300*				180
	190	38.1	147.5	26,700*							190
	200	33.7	133.1	25,300*							200
	50	80.5	244.9	88,000*							50
	55	79.3	243.9	88,000*							55
	60	78.1	242.8	88,000*	80.1	242.1	65,000*				60
	65	76.9	241.6	82,800*	78.8	240.9	61,300*				65
	70	75.6	240.3	77,000*	77.6	239.6	57,900*	80.7	237.5	40,400*	70
	75	74.4	238.9	71,900*	76.4	238.1	55,000*	79.4	236.1	38,900*	75
	80	73.2	237.3	67,500*	75.1	236.6	52,300*	78.1	234.6	37,400*	80
	85	71.9	235.6	63,500*	73.8	234.9	49,800*	76.9	232.9	36,100*	85
	90	70.6	233.9	60,000*	72.6	233.1	47,600*	75.6	231.1	34,800*	90
	95	69.3	231.9	56,800*	71.3	231.2	45,500*	74.3	229.2	33,600*	95
	100	68.1	229.9	54,000*	70.0	229.1	43,600*	73.0	227.1	32,600*	100
	110	65.4	225.4	49,000*	67.4	224.6	40,300*	70.3	222.6	30,600*	110
	120	62.8	220.3	44,900*	64.7	219.5	37,400*	67.6	217.6	28,900*	120
	130	60.0	214.6	41,300*	61.9	213.8	34,900*	64.8	211.9	27,300*	130
	140	57.2	208.3	38,300*	59.1	207.4	32,700*	62.0	205.5	26,000*	140
	150	54.3	201.2	35,600*	56.1	200.3	30,800*	59.0	198.4	24,700*	150
	160	51.2	193.3	33,300*	53.1	192.4	29,100*	55.9	190.4	23,700*	160
	170	48.0	184.5	31,300*	49.9	183.5	27,600*	52.7	181.6	22,700*	170
	180	44.7	174.6	29,500*	46.5	173.6	26,200*				180
	190	41.1	163.5	27,800*	42.9	162.4	25,000*				190
	200	37.2	150.8	26,400*							200

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JIB NO. 125 WITH 18'9" STRUT ON
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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	50	80.9	255.0	88,000*							50
	55	79.8	254.1	88,000*							55
	60	78.6	253.1	88,000*	80.5	252.3	66,300*				60
	65	77.4	251.9	85,600*	79.3	251.2	62,600*				65
	70	76.2	250.6	79,600*	78.1	249.9	59,300*	81.0	247.8	41,000*	70
	75	75.0	249.3	74,400*	76.9	248.5	56,300*	79.8	246.5	39,400*	75
	80	73.8	247.8	69,900*	75.7	247.0	53,500*	78.6	245.0	38,000*	80
	85	72.6	246.2	65,800*	74.5	245.4	51,100*	77.4	243.4	36,600*	85
	90	71.4	244.5	62,200*	73.3	243.7	48,800*	76.2	241.7	35,400*	90
	95	70.2	242.7	58,900*	72.1	241.9	46,800*	74.9	239.9	34,300*	95
	100	69.0	240.7	56,000*	70.8	239.9	44,800*	73.7	237.9	33,200*	100
	110	66.5	236.4	50,900*	68.3	235.6	41,500*	71.2	233.6	31,200*	110
	120	63.9	231.6	46,600*	65.8	230.8	38,500*	68.6	228.8	29,500*	120
	130	61.3	226.2	42,900*	63.2	225.4	36,000*	66.0	223.4	27,900*	130
	140	58.7	220.2	39,800*	60.5	219.3	33,800*	63.3	217.4	26,600*	140
	150	55.9	213.5	37,100*	57.7	212.7	31,800*	60.5	210.7	25,300*	150
	160	53.1	206.2	34,700*	54.9	205.2	30,100*	57.6	203.3	24,200*	160
	170	50.1	197.9	32,600*	51.9	197.0	28,500*	54.6	195.0	23,200*	170
	180	47.0	188.8	30,700*	48.8	187.8	27,100*	51.4	185.8	22,300*	180
	190	43.7	178.6	29,000*	45.5	177.5	25,800*				190
190	200	40.2	167.1	27,100*	41.9	165.9	24,700*				200
	210	36.4	154.0	24,200*							210
	55	80.2	264.3	88,000*							55
	60	79.0	263.3	88,000*	80.9	262.5	67,600*				60
	65	77.9	262.2	88,000*	79.7	261.4	63,900*				65
	70	76.8	261.0	82,200*	78.6	260.2	60,500*				70
	75	75.6	259.7	76,900*	77.4	258.9	57,500*	80.2	256.8	39,900*	75
	80	74.5	258.2	72,200*	76.3	257.5	54,800*	79.1	255.4	38,500*	80
	85	73.3	256.7	68,100*	75.1	255.9	52,300*	77.9	253.8	37,200*	85
	90	72.2	255.1	64,400*	74.0	254.3	50,000*	76.7	252.2	36,000*	90
	95	71.0	253.3	61,000*	72.8	252.5	48,000*	75.6	250.5	34,800*	95
	100	69.8	251.4	58,000*	71.6	250.7	46,000*	74.4	248.6	33,800*	100
	110	67.4	247.4	52,700*	69.2	246.5	42,600*	72.0	244.5	31,800*	110
	120	65.0	242.8	48,300*	66.8	241.9	39,600*	69.5	239.9	30,100*	120
	130	62.5	237.6	44,600*	64.3	236.8	37,100*	67.0	234.8	28,500*	130
	140	60.0	231.9	41,300*	61.8	231.1	34,800*	64.4	229.1	27,100*	140
	150	57.4	225.6	38,500*	59.1	224.8	32,800*	61.8	222.7	25,900*	150
	160	54.7	218.7	36,000*	56.5	217.8	31,000*	59.1	215.7	24,800*	160
	170	51.9	211.0	33,800*	53.7	210.0	29,400*	56.2	208.0	23,800*	170
	180	49.0	202.5	31,900*	50.7	201.5	28,000*	53.3	199.4	22,900*	180
200	190	46.0	193.0	28,900*	47.7	192.0	26,700*				190
	200	42.8	182.5	25,900*	44.5	181.4	25,500*				200
	210	39.4	170.6	23,100*	41.0	169.4	23,800*				210
	220	35.7	157.2	20,500*							220
	55	80.5	274.5	88,000*							55
	60	79.4	273.5	88,000*							60
	65	78.4	272.4	88,000*	80.1	271.7	65,100*				65
	70	77.3	271.3	84,800*	79.0	270.5	61,800*				70
	75	76.2	270.0	79,400*	77.9	269.2	58,700*	80.6	267.1	40,400*	75
	80	75.1	268.6	74,600*	76.8	267.9	56,000*	79.5	265.7	39,000*	80
	85	74.0	267.2	70,300*	75.7	266.4	53,500*	78.4	264.3	37,700*	85
	90	72.9	265.6	66,500*	74.6	264.8	51,200*	77.3	262.7	36,500*	90
	95	71.7	263.9	63,100*	73.5	263.1	49,100*	76.1	261.0	35,400*	95
	100	70.6	262.1	60,000*	72.3	261.3	47,200*	75.0	259.2	34,300*	100
	110	68.3	258.2	54,600*	70.1	257.4	43,700*	72.7	255.3	32,400*	110
	120	66.0	253.8	50,000*	67.7	253.0	40,700*	70.3	250.9	30,600*	120
	130	63.7	248.9	46,200*	65.4	248.1	38,100*	67.9	246.0	29,100*	130
	140	61.2	243.5	42,800*	62.9	242.7	35,800*	65.5	240.6	27,700*	140
	150	58.8	237.5	39,900*	60.4	236.7	33,800*	63.0	234.6	26,500*	150
	160	56.2	230.9	37,400*	57.9	230.0	31,900*	60.4	228.0	25,300*	160
	170	53.6	223.7	35,100*	55.3	222.8	30,300*	57.8	220.7	24,300*	170
	180	50.9	215.7	31,800*	52.5	214.7	28,800*	55.0	212.6	23,400*	180
	190	48.0	206.9	28,400*	49.7	205.9	27,500*	52.1	203.7	22,500*	190
	200	45.1	197.1	25,300*	46.7	196.0	26,100*				200
	210	41.9	186.2	22,600*	43.5	185.1	23,300*				210
	220	38.6	174.1	20,100*							220
	230	35.0	160.3	17,700*							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
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	55	80.9	284.6	88,000*							55
	60	79.8	283.7	88,000*							60
	65	78.8	282.7	88,000*	80.5	281.9	66,300*				65
	70	77.7	281.5	87,300*	79.4	280.8	62,900*				70
	75	76.7	280.3	81,800*	78.4	279.6	59,900*	81.0	277.4	40,900*	75
	80	75.6	279.0	76,900*	77.3	278.2	57,200*	79.9	276.1	39,500*	80
	85	74.6	277.6	72,500*	76.2	276.8	54,700*	78.8	274.7	38,200*	85
	90	73.5	276.1	68,600*	75.2	275.3	52,400*	77.7	273.2	37,000*	90
	95	72.4	274.5	65,100*	74.1	273.7	50,200*	76.7	271.5	35,900*	95
	100	71.3	272.8	61,900*	73.0	272.0	48,300*	75.6	269.8	34,800*	100
	110	69.1	269.0	56,400*	70.8	268.2	44,800*	73.4	266.1	32,900*	110
	120	66.9	264.8	51,700*	68.6	264.0	41,800*	71.1	261.9	31,200*	120
	130	64.7	260.1	47,700*	66.3	259.3	39,100*	68.8	257.2	29,600*	130
	140	62.4	255.0	44,300*	64.0	254.1	36,800*	66.5	252.0	28,200*	140
	150	60.0	249.3	41,300*	61.6	248.4	34,700*	64.1	246.3	27,000*	150
	160	57.6	243.0	38,200*	59.2	242.1	32,800*	61.7	240.0	25,900*	160
	170	55.1	236.1	34,300*	56.7	235.2	31,200*	59.1	233.1	24,800*	170
	180	52.5	228.6	30,700*	54.1	227.6	29,700*	56.5	225.5	23,900*	180
	190	49.9	220.3	27,300*	51.5	219.3	28,200*	53.8	217.2	23,000*	190
	200	47.1	211.2	24,200*	48.7	210.1	25,000*	51.0	208.0	22,300*	200
220	210	44.2	201.1	21,400*	45.8	200.0	22,200*				210
	220	41.1	190.0	18,900*	42.7	188.8	19,600*				220
	230	37.9	177.4	16,700*							230
	240	34.3	163.3	14,400*							240
	60	80.2	293.9	88,000*							60
	65	79.2	292.9	88,000*	80.8	292.1	67,400*				65
	70	78.2	291.8	88,000*	79.8	291.0	64,100*				70
	75	77.2	290.6	84,200*	78.8	289.8	61,100*				75
	80	76.1	289.4	79,200*	77.8	288.6	58,300*	80.3	286.4	40,000*	80
	85	75.1	288.0	74,700*	76.7	287.2	55,800*	79.2	285.0	38,700*	85
	90	74.1	286.6	70,700*	75.7	285.8	53,500*	78.2	283.6	37,500*	90
	95	73.0	285.0	67,100*	74.7	284.2	51,300*	77.1	282.0	36,400*	95
	100	72.0	283.4	63,900*	73.6	282.5	49,400*	76.1	280.4	35,300*	100
	110	69.9	279.7	58,200*	71.5	278.9	45,800*	74.0	276.8	33,400*	110
	120	67.8	275.7	53,400*	69.4	274.9	42,800*	71.8	272.7	31,700*	120
	130	65.6	271.2	49,300*	67.2	270.4	40,100*	69.6	268.3	30,200*	130
	140	63.4	266.3	45,800*	65.0	265.4	37,700*	67.4	263.3	28,800*	140
	150	61.2	260.8	41,900*	62.7	260.0	35,600*	65.1	257.8	27,500*	150
	160	58.9	254.9	37,500*	60.4	254.0	33,700*	62.8	251.9	26,400*	160
	170	56.5	248.3	33,700*	58.0	247.4	32,000*	60.4	245.3	25,300*	170
	180	54.1	241.2	29,900*	55.6	240.2	30,500*	57.9	238.1	24,400*	180
	190	51.6	233.4	26,400*	53.1	232.4	27,400*	55.4	230.2	23,500*	190
	200	48.9	224.8	23,300*	50.5	223.8	24,200*	52.7	221.6	22,700*	200
	210	46.2	215.4	20,500*	47.7	214.3	21,300*				210
	220	43.4	205.1	18,000*	44.9	203.9	18,800*				220
	230	40.4	193.6	15,800*	41.9	192.4	16,400*				230
	240	37.2	180.8	13,700*							240
	250	33.7	166.3	11,600*							250

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
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	
230	60	80.5	304.0	88,000*							60
	65	79.5	303.1	88,000*							65
	70	78.6	302.0	88,000*	80.1	301.3	65,200*				70
	75	77.6	300.9	86,500*	79.2	300.1	62,200*				75
	80	76.6	299.7	81,400*	78.2	298.9	59,400*	80.6	296.7	40,400*	80
	85	75.6	298.4	76,900*	77.2	297.6	56,900*	79.6	295.4	39,200*	85
	90	74.6	297.0	72,800*	76.2	296.2	54,600*	78.6	294.0	38,000*	90
	95	73.6	295.5	69,100*	75.2	294.7	52,400*	77.6	292.5	36,900*	95
	100	72.6	293.9	65,800*	74.2	293.1	50,400*	76.6	290.9	35,800*	100
	110	70.6	290.4	60,000*	72.2	289.6	46,900*	74.5	287.4	33,900*	110
	120	68.6	286.5	55,100*	70.1	285.7	43,800*	72.5	283.5	32,200*	120
	130	66.5	282.2	50,800*	68.0	281.4	41,100*	70.4	279.2	30,700*	130
	140	64.4	277.5	45,900*	65.9	276.6	38,700*	68.2	274.5	29,300*	140
	150	62.2	272.3	41,100*	63.7	271.4	36,500*	66.0	269.3	28,000*	150
	160	60.0	266.6	36,700*	61.5	265.7	34,600*	63.8	263.5	26,900*	160
	170	57.8	260.4	32,700*	59.3	259.4	32,900*	61.5	257.3	25,800*	170
	180	55.4	253.6	28,800*	56.9	252.6	30,000*	59.2	250.5	24,900*	180
	190	53.1	246.2	25,300*	54.6	245.2	26,400*	56.8	243.0	24,000*	190
	200	50.6	238.1	22,200*	52.1	237.1	23,200*	54.3	234.9	23,200*	200
	210	48.1	229.2	19,400*	49.5	228.2	20,300*	51.7	226.0	21,400*	210
240	220	45.4	219.6	16,900*	46.9	218.5	17,700*				220
	230	42.6	208.9	14,600*	44.1	207.8	15,300*				230
	240	39.7	197.1	12,600*	41.1	195.9	13,200*				240
	250	36.5	184.0	10,700*							250
	60	80.8	314.2	88,000*							60
	65	79.9	313.3	88,000*							65
	70	78.9	312.3	88,000*	80.5	311.5	66,200*				70
	75	78.0	311.2	88,000*	79.5	310.4	63,200*				75
	80	77.0	310.0	83,600*	78.6	309.2	60,500*	80.9	306.9	40,900*	80
	85	76.1	308.7	79,000*	77.6	307.9	57,900*	80.0	305.7	39,600*	85
	90	75.1	307.4	74,800*	76.6	306.6	55,600*	79.0	304.3	38,400*	90
	95	74.2	305.9	71,100*	75.7	305.1	53,500*	78.0	302.9	37,300*	95
	100	73.2	304.4	67,700*	74.7	303.6	51,500*	77.0	301.3	36,300*	100
	110	71.3	301.0	61,100*	72.8	300.2	47,900*	75.1	298.0	34,400*	110
	120	69.3	297.3	54,600*	70.8	296.5	44,800*	73.1	294.3	32,700*	120
	130	67.3	293.2	49,200*	68.8	292.3	42,000*	71.0	290.1	31,200*	130
	140	65.3	288.6	44,400*	66.7	287.7	39,600*	69.0	285.6	29,800*	140
	150	63.2	283.6	40,300*	64.7	282.7	37,400*	66.9	280.6	28,500*	150
	160	61.1	278.2	36,200*	62.5	277.3	35,500*	64.8	275.1	27,300*	160
	170	58.9	272.2	32,100*	60.4	271.3	33,400*	62.6	269.1	26,300*	170
	180	56.7	265.7	28,200*	58.2	264.8	29,500*	60.4	262.6	25,300*	180
	190	54.5	258.7	24,700*	55.9	257.7	25,900*	58.1	255.5	24,400*	190
	200	52.1	251.0	21,600*	53.6	250.0	22,700*	55.7	247.8	23,600*	200
	210	49.7	242.7	18,800*	51.1	241.6	19,800*	53.3	239.4	21,000*	210
	220	47.2	233.6	16,300*	48.6	232.5	17,200*				220
	230	44.6	223.6	14,000*	46.0	222.5	14,800*				230
	240	41.9	212.7	12,000*	43.3	211.5	12,600*				240
	250	39.0	200.6	10,100*							250
	260	35.9	187.2	8,300*							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
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	
250	65	80.2	323.4	88,000*							65
	70	79.3	322.5	88,000*	80.8	321.7	67,300*				70
	75	78.4	321.4	88,000*	79.9	320.6	64,300*				75
	80	77.5	320.3	85,800*	78.9	319.5	61,500*				80
	85	76.5	319.1	81,100*	78.0	318.2	59,000*	80.3	316.0	40,000*	85
	90	75.6	317.8	75,900*	77.1	316.9	56,600*	79.3	314.7	38,900*	90
	95	74.7	316.4	70,900*	76.1	315.5	54,500*	78.4	313.3	37,800*	95
	100	73.7	314.9	66,500*	75.2	314.0	52,500*	77.5	311.8	36,800*	100
	110	71.9	311.6	58,800*	73.3	310.8	48,800*	75.6	308.6	34,900*	110
	120	70.0	308.0	52,500*	71.4	307.2	45,700*	73.6	305.0	33,200*	120
	130	68.0	304.0	47,100*	69.5	303.2	42,900*	71.7	301.0	31,600*	130
	140	66.1	299.7	42,400*	67.5	298.8	40,500*	69.7	296.6	30,200*	140
	150	64.1	294.8	38,300*	65.5	294.0	38,300*	67.7	291.8	29,000*	150
	160	62.1	289.6	34,700*	63.5	288.7	35,300*	65.7	286.5	27,800*	160
	170	60.0	283.9	31,100*	61.4	283.0	32,100*	63.6	280.8	26,700*	170
	180	57.9	277.7	27,200*	59.3	276.8	28,500*	61.4	274.6	25,800*	180
	190	55.7	271.0	23,700*	57.1	270.0	24,900*	59.3	267.8	24,900*	190
	200	53.5	263.7	20,500*	54.9	262.7	21,600*	57.0	260.5	23,100*	200
	210	51.2	255.8	17,700*	52.6	254.7	18,700*	54.7	252.5	20,000*	210
	220	48.9	247.2	15,200*	50.3	246.1	16,100*	52.3	243.8	17,300*	220
260	230	46.4	237.8	12,900*	47.8	236.7	13,800*				230
	240	43.9	227.6	10,900*	45.2	226.5	11,600*				240
	250	41.2	216.4	9,000*	42.5	215.2	9,600*				250
	260	38.3	204.1	7,200*							260
	270	35.3	190.3	5,600*							270
	65	80.5	333.6	88,000*							65
	70	79.6	332.7	88,000*							70
	75	78.7	331.6	88,000*	80.2	330.8	65,300*				75
	80	77.8	330.5	85,500*	79.3	329.7	62,500*				80
	85	77.0	329.4	79,300*	78.4	328.5	60,000*	80.6	326.2	40,400*	85
	90	76.1	328.1	73,700*	77.5	327.3	57,600*	79.7	325.0	39,300*	90
	95	75.2	326.7	68,800*	76.6	325.9	55,400*	78.8	323.6	38,200*	95
	100	74.3	325.3	64,400*	75.7	324.5	53,400*	77.9	322.2	37,200*	100
	110	72.4	322.2	56,800*	73.8	321.3	49,800*	76.0	319.1	35,300*	110
	120	70.6	318.7	50,600*	72.0	317.9	46,600*	74.2	315.6	33,600*	120
	130	68.7	314.9	45,200*	70.1	314.0	43,800*	72.3	311.8	32,100*	130
	140	66.9	310.6	40,600*	68.2	309.8	41,300*	70.4	307.5	30,700*	140
	150	64.9	306.0	36,600*	66.3	305.1	37,300*	68.4	302.9	29,400*	150
	160	63.0	301.0	33,000*	64.4	300.1	33,700*	66.5	297.8	28,300*	160
	170	61.0	295.5	29,900*	62.4	294.6	30,500*	64.5	292.3	27,200*	170
	180	59.0	289.5	26,300*	60.4	288.6	27,600*	62.4	286.4	26,200*	180
	190	56.9	283.1	22,800*	58.3	282.1	24,100*	60.3	279.9	25,300*	190
	200	54.8	276.1	19,700*	56.2	275.2	20,800*	58.2	272.9	22,300*	200
	210	52.6	268.6	16,900*	54.0	267.6	17,900*	56.0	265.3	19,300*	210
	220	50.4	260.4	14,300*	51.7	259.4	15,300*	53.7	257.1	16,500*	220
	230	48.1	251.6	12,000*	49.4	250.5	12,900*	51.4	248.2	14,000*	230
	240	45.7	242.0	10,000*	47.0	240.9	10,700*				240
	250	43.2	231.5	8,100*	44.5	230.3	8,800*				250
	260	40.5	220.1	6,300*	41.8	218.8	6,900*				260
	270	37.7	207.4	4,700*							270

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
181,400 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	45	79.9	205.1	80,000*							45
	50	78.5	204.1	78,700*							50
	55	77.0	202.9	73,800*	79.7	202.3	57,200*				55
	60	75.5	201.6	69,000*	78.2	201.0	53,200*				60
	65	74.0	200.1	63,400*	76.7	199.5	49,600*	80.9	197.7	36,000*	65
	70	72.5	198.5	58,600*	75.2	197.9	46,500*	79.4	196.1	34,200*	70
	75	71.0	196.8	54,400*	73.7	196.1	43,800*	77.8	194.3	32,600*	75
	80	69.5	194.9	50,800*	72.2	194.2	41,300*	76.3	192.5	31,100*	80
	85	67.9	192.8	47,600*	70.6	192.2	39,100*	74.7	190.4	29,700*	85
	90	66.4	190.6	44,700*	69.0	189.9	37,100*	73.1	188.2	28,500*	90
	95	64.8	188.2	42,200*	67.4	187.6	35,300*	71.5	185.8	27,300*	95
	100	63.2	185.7	39,900*	65.8	185.0	33,700*	69.9	183.3	26,300*	100
	110	59.9	180.0	36,000*	62.5	179.3	30,800*	66.6	177.6	24,400*	110
	120	56.5	173.6	32,700*	59.1	172.8	28,400*	63.1	171.1	22,800*	120
	130	52.9	166.2	30,000*	55.5	165.4	26,300*	59.5	163.7	21,400*	130
	140	49.2	157.8	27,600*	51.8	157.0	24,400*	55.7	155.3	20,100*	140
	150	45.2	148.2	25,500*	47.8	147.3	22,800*	51.6	145.6	19,000*	150
	160	40.9	137.1	23,800*	43.4	136.1	21,400*				160
	170	36.2	124.0	22,200*							170
130	45	80.4	215.3	80,000*							45
	50	79.0	214.3	79,000*							50
	55	77.6	213.2	75,500*	80.2	212.6	58,700*				55
	60	76.2	212.0	72,000*	78.8	211.3	54,700*				60
	65	74.8	210.6	66,200*	77.4	209.9	51,100*				65
	70	73.4	209.1	61,200*	76.0	208.4	48,000*	79.9	206.5	34,800*	70
	75	71.9	207.4	56,900*	74.5	206.7	45,200*	78.5	204.9	33,200*	75
	80	70.5	205.6	53,100*	73.1	204.9	42,700*	77.0	203.1	31,700*	80
	85	69.0	203.7	49,800*	71.6	203.0	40,500*	75.5	201.1	30,400*	85
	90	67.6	201.6	46,900*	70.1	200.9	38,500*	74.0	199.1	29,200*	90
	95	66.1	199.3	44,200*	68.6	198.6	36,600*	72.5	196.8	28,000*	95
	100	64.5	196.9	41,900*	67.1	196.2	35,000*	71.0	194.4	27,000*	100
	110	61.5	191.6	37,800*	64.0	190.9	32,000*	67.8	189.1	25,100*	110
	120	58.3	185.6	34,400*	60.8	184.8	29,500*	64.6	183.0	23,500*	120
	130	55.0	178.7	31,500*	57.5	177.9	27,300*	61.2	176.2	22,000*	130
	140	51.5	171.0	29,000*	54.0	170.2	25,500*	57.7	168.4	20,800*	140
	150	47.9	162.2	26,900*	50.3	161.3	23,800*	54.0	159.5	19,700*	150
	160	44.0	152.2	25,000*	46.5	151.2	22,400*				160
	170	39.8	140.6	23,400*	42.3	139.6	21,100*				170
	180	35.3	127.2	21,900*							180
140	45	80.9	225.5	80,000*							45
	50	79.5	224.5	79,200*							50
	55	78.2	223.5	77,100*	80.7	222.8	60,100*				55
	60	76.9	222.3	75,000*	79.3	221.6	56,100*				60
	65	75.5	221.0	69,000*	78.0	220.3	52,500*				65
	70	74.2	219.5	63,800*	76.6	218.8	49,400*	80.4	216.9	35,400*	70
	75	72.8	217.9	59,400*	75.3	217.3	46,600*	79.0	215.3	33,800*	75
	80	71.4	216.2	55,500*	73.9	215.6	44,100*	77.6	213.6	32,400*	80
	85	70.0	214.4	52,000*	72.5	213.7	41,800*	76.2	211.8	31,000*	85
	90	68.6	212.4	49,000*	71.1	211.7	39,800*	74.8	209.8	29,800*	90
	95	67.2	210.3	46,200*	69.7	209.6	37,900*	73.4	207.7	28,700*	95
	100	65.8	208.0	43,800*	68.2	207.3	36,200*	71.9	205.4	27,600*	100
	110	62.9	203.0	39,500*	65.3	202.3	33,200*	69.0	200.4	25,800*	110
	120	59.9	197.3	36,000*	62.3	196.6	30,600*	65.9	194.7	24,100*	120
	130	56.8	190.9	33,000*	59.2	190.2	28,400*	62.8	188.3	22,700*	130
	140	53.6	183.7	30,400*	56.0	182.9	26,500*	59.5	181.1	21,400*	140
	150	50.2	175.6	28,200*	52.6	174.8	24,800*	56.1	172.9	20,300*	150
	160	46.7	166.5	26,300*	49.0	165.6	23,300*	52.5	163.7	19,300*	160
	170	42.9	156.1	24,600*	45.2	155.1	22,000*				170
	180	38.9	144.1	23,000*	41.2	143.1	20,800*				180
	190	34.4	130.2	21,700*							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
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	
150	50	80.0	234.7	80,000*							50
	55	78.7	233.7	78,700*							55
	60	77.5	232.6	77,500*	79.8	231.9	57,400*				60
	65	76.2	231.3	71,700*	78.5	230.6	53,900*				65
	70	74.9	229.9	66,400*	77.2	229.3	50,700*	80.8	227.2	35,900*	70
	75	73.6	228.4	61,800*	75.9	227.7	47,900*	79.5	225.7	34,400*	75
	80	72.3	226.8	57,800*	74.6	226.1	45,400*	78.2	224.1	33,000*	80
	85	70.9	225.1	54,200*	73.3	224.4	43,100*	76.9	222.4	31,600*	85
	90	69.6	223.2	51,100*	71.9	222.5	41,000*	75.5	220.5	30,400*	90
	95	68.3	221.2	48,200*	70.6	220.5	39,100*	74.2	218.5	29,300*	95
	100	66.9	219.0	45,700*	69.2	218.3	37,400*	72.8	216.3	28,300*	100
	110	64.2	214.3	41,300*	66.5	213.5	34,300*	70.0	211.6	26,400*	110
	120	61.3	208.9	37,600*	63.6	208.2	31,700*	67.1	206.2	24,700*	120
	130	58.4	202.9	34,500*	60.7	202.1	29,400*	64.2	200.2	23,300*	130
	140	55.4	196.2	31,800*	57.7	195.3	27,500*	61.1	193.4	22,000*	140
	150	52.3	188.6	29,500*	54.6	187.8	25,700*	58.0	185.8	20,900*	150
	160	49.0	180.1	27,500*	51.3	179.3	24,200*	54.6	177.3	19,900*	160
	170	45.6	170.6	25,700*	47.8	169.7	22,900*	51.1	167.7	18,900*	170
	180	41.9	159.8	24,200*	44.1	158.8	21,600*				180
	190	38.0	147.5	22,700*	40.1	146.4	20,600*				190
	200	33.6	133.2	21,500*							200
160	50	80.4	244.9	80,000*							50
	55	79.2	243.9	79,000*							55
	60	78.0	242.8	78,100*	80.2	242.1	58,700*				60
	65	76.8	241.6	73,500*	79.0	240.9	55,200*				65
	70	75.5	240.3	68,900*	77.8	239.6	52,000*	81.2	237.5	36,400*	70
	75	74.3	238.9	64,200*	76.5	238.2	49,200*	80.0	236.1	34,900*	75
	80	73.0	237.3	60,100*	75.3	236.6	46,600*	78.7	234.6	33,500*	80
	85	71.8	235.7	56,400*	74.0	235.0	44,300*	77.4	232.9	32,200*	85
	90	70.5	233.9	53,100*	72.7	233.2	42,200*	76.2	231.1	31,000*	90
	95	69.2	232.0	50,200*	71.5	231.2	40,300*	74.9	229.2	29,900*	95
	100	67.9	229.9	47,600*	70.2	229.2	38,500*	73.6	227.2	28,900*	100
	110	65.3	225.4	43,000*	67.5	224.7	35,400*	70.9	222.7	27,000*	110
	120	62.6	220.3	39,200*	64.8	219.6	32,800*	68.2	217.6	25,300*	120
	130	59.9	214.7	36,000*	62.1	213.9	30,500*	65.4	211.9	23,900*	130
	140	57.1	208.3	33,200*	59.2	207.5	28,400*	62.5	205.5	22,600*	140
	150	54.1	201.2	30,800*	56.3	200.4	26,700*	59.6	198.4	21,400*	150
	160	51.1	193.4	28,800*	53.3	192.5	25,100*	56.5	190.5	20,400*	160
	170	47.9	184.6	26,900*	50.1	183.6	23,700*	53.3	181.6	19,500*	170
	180	44.6	174.7	25,300*	46.7	173.7	22,500*				180
	190	41.0	163.5	23,800*	43.1	162.5	21,300*				190
	200	37.1	150.8	22,500*							200
	210	32.9	136.1	21,300*							210
170	50	80.8	255.1	80,000*							50
	55	79.6	254.1	79,300*							55
	60	78.5	253.1	78,700*	80.6	252.4	60,000*				60
	65	77.3	251.9	75,100*	79.5	251.2	56,400*				65
	70	76.1	250.7	71,500*	78.3	250.0	53,200*				70
	75	74.9	249.3	66,600*	77.1	248.6	50,400*	80.4	246.5	35,400*	75
	80	73.7	247.8	62,300*	75.9	247.1	47,800*	79.2	245.0	34,000*	80
	85	72.5	246.2	58,500*	74.7	245.5	45,500*	78.0	243.4	32,800*	85
	90	71.3	244.5	55,200*	73.5	243.8	43,400*	76.8	241.7	31,600*	90
	95	70.1	242.7	52,200*	72.2	241.9	41,400*	75.5	239.9	30,500*	95
	100	68.9	240.7	49,400*	71.0	240.0	39,700*	74.3	237.9	29,400*	100
	110	66.4	236.4	44,700*	68.5	235.7	36,500*	71.7	233.6	27,500*	110
	120	63.8	231.6	40,800*	65.9	230.8	33,800*	69.2	228.8	25,900*	120
	130	61.2	226.2	37,500*	63.3	225.4	31,500*	66.5	223.4	24,400*	130
	140	58.5	220.2	34,600*	60.7	219.4	29,400*	63.8	217.4	23,100*	140
	150	55.8	213.6	32,200*	57.9	212.7	27,600*	61.0	210.7	22,000*	150
	160	52.9	206.2	30,000*	55.0	205.3	26,000*	58.1	203.3	20,900*	160
	170	50.0	198.0	28,100*	52.0	197.1	24,500*	55.1	195.0	20,000*	170
	180	46.9	188.9	26,400*	48.9	187.9	23,300*	52.0	185.8	19,200*	180
	190	43.6	178.6	24,800*	45.6	177.6	22,100*				190
	200	40.1	167.1	23,500*	42.1	166.1	21,100*				200
	210	36.3	154.1	22,200*							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
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	55	80.0	264.3	80,000*							55
	60	78.9	263.3	80,000*							60
	65	77.8	262.2	76,900*	79.9	261.5	57,600*				65
	70	76.7	261.0	73,900*	78.7	260.3	54,400*				70
	75	75.5	259.7	68,900*	77.6	259.0	51,600*	80.8	256.8	35,900*	75
	80	74.4	258.3	64,600*	76.4	257.5	49,000*	79.6	255.4	34,500*	80
	85	73.2	256.7	60,700*	75.3	256.0	46,600*	78.5	253.8	33,300*	85
	90	72.1	255.1	57,200*	74.1	254.4	44,500*	77.3	252.2	32,100*	90
	95	70.9	253.4	54,100*	73.0	252.6	42,600*	76.1	250.5	31,000*	95
	100	69.7	251.5	51,300*	71.8	250.7	40,800*	74.9	248.6	30,000*	100
	110	67.3	247.4	46,500*	69.4	246.6	37,600*	72.5	244.5	28,100*	110
	120	64.9	242.8	42,400*	67.0	242.0	34,800*	70.1	239.9	26,400*	120
	130	62.4	237.7	39,000*	64.5	236.9	32,400*	67.5	234.8	25,000*	130
	140	59.9	232.0	36,000*	61.9	231.2	30,300*	65.0	229.1	23,700*	140
	150	57.3	225.7	33,400*	59.3	224.8	28,500*	62.3	222.8	22,500*	150
	160	54.6	218.7	31,200*	56.6	217.8	26,800*	59.6	215.7	21,500*	160
	170	51.8	211.0	29,200*	53.8	210.1	25,400*	56.8	208.0	20,500*	170
	180	48.9	202.5	27,500*	50.9	201.6	24,100*	53.8	199.4	19,600*	180
	190	45.9	193.1	25,900*	47.9	192.1	22,900*	50.8	189.9	18,900*	190
	200	42.7	182.5	24,500*	44.6	181.5	21,800*				200
	210	39.3	170.7	23,200*	41.2	169.5	20,800*				210
	220	35.6	157.2	21,700*							220
190	55	80.4	274.5	80,000*							55
	60	79.3	273.5	80,000*							60
	65	78.3	272.5	78,200*	80.3	271.7	58,800*				65
	70	77.2	271.3	76,400*	79.2	270.6	55,600*				70
	75	76.1	270.0	71,300*	78.1	269.3	52,700*	81.1	267.1	36,400*	75
	80	75.0	268.7	66,800*	77.0	267.9	50,100*	80.0	265.7	35,000*	80
	85	73.9	267.2	62,800*	75.9	266.5	47,800*	78.9	264.3	33,800*	85
	90	72.8	265.6	59,200*	74.7	264.9	45,600*	77.8	262.7	32,600*	90
	95	71.6	264.0	56,000*	73.6	263.2	43,600*	76.7	261.0	31,500*	95
	100	70.5	262.2	53,100*	72.5	261.4	41,800*	75.5	259.2	30,500*	100
	110	68.2	258.2	48,100*	70.2	257.5	38,600*	73.2	255.3	28,600*	110
	120	65.9	253.9	44,000*	67.9	253.1	35,800*	70.9	250.9	27,000*	120
	130	63.5	249.0	40,400*	65.5	248.2	33,400*	68.5	246.0	25,500*	130
	140	61.1	243.6	37,400*	63.1	242.7	31,200*	66.0	240.6	24,200*	140
	150	58.7	237.6	34,700*	60.6	236.7	29,400*	63.5	234.6	23,000*	150
	160	56.1	231.0	32,400*	58.1	230.1	27,700*	60.9	228.0	22,000*	160
	170	53.5	223.7	30,400*	55.4	222.8	26,200*	58.3	220.7	21,000*	170
	180	50.8	215.7	28,500*	52.7	214.8	24,800*	55.5	212.6	20,100*	180
	190	47.9	206.9	26,900*	49.8	205.9	23,600*	52.7	203.7	19,300*	190
	200	45.0	197.2	25,400*	46.9	196.1	22,500*				200
	210	41.8	186.3	23,400*	43.7	185.2	21,500*				210
	220	38.5	174.1	21,000*	40.3	173.0	20,600*				220
	230	34.9	160.3	18,300*							230
200	55	80.8	284.6	80,000*							55
	60	79.7	283.7	80,000*							60
	65	78.7	282.7	78,800*	80.6	282.0	59,900*				65
	70	77.6	281.6	77,700*	79.6	280.8	56,700*				70
	75	76.6	280.4	73,500*	78.5	279.6	53,800*				75
	80	75.5	279.1	68,900*	77.4	278.3	51,200*	80.4	276.0	35,500*	80
	85	74.5	277.6	64,800*	76.4	276.9	48,800*	79.3	274.6	34,200*	85
	90	73.4	276.1	61,200*	75.3	275.4	46,700*	78.2	273.1	33,100*	90
	95	72.3	274.5	57,900*	74.2	273.8	44,700*	77.2	271.5	32,000*	95
	100	71.2	272.8	55,000*	73.1	272.0	42,800*	76.1	269.8	31,000*	100
	110	69.0	269.0	49,800*	71.0	268.3	39,600*	73.9	266.1	29,100*	110
	120	66.8	264.8	45,500*	68.7	264.0	36,800*	71.6	261.9	27,500*	120
	130	64.6	260.2	41,900*	66.5	259.4	34,300*	69.3	257.2	26,000*	130
	140	62.3	255.0	38,700*	64.1	254.2	32,100*	67.0	252.0	24,700*	140
	150	59.9	249.3	36,000*	61.8	248.5	30,200*	64.6	246.3	23,500*	150
	160	57.5	243.0	33,600*	59.4	242.2	28,500*	62.2	240.0	22,400*	160
	170	55.0	236.2	31,500*	56.9	235.3	27,000*	59.6	233.1	21,500*	170
	180	52.4	228.6	29,600*	54.3	227.7	25,600*	57.0	225.5	20,600*	180
	190	49.8	220.3	27,900*	51.6	219.4	24,400*	54.3	217.2	19,800*	190
	200	47.0	211.2	25,600*	48.8	210.2	23,200*	51.5	208.0	19,100*	200
	210	44.1	201.2	22,900*	45.9	200.1	22,200*				210
	220	41.0	190.0	20,400*	42.8	188.9	21,100*				220
	230	37.8	177.5	18,100*							230
	240	34.2	163.4	15,700*							240

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

MEETS
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REQUIREMENTS

4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
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	
210	60	80.1	293.9	80,000*							60
	65	79.1	292.9	80,000*							65
	70	78.1	291.8	78,200*	79.9	291.1	57,800*				70
	75	77.1	290.7	74,600*	78.9	289.9	54,900*				75
	80	76.0	289.4	71,100*	77.9	288.6	52,300*	80.7	286.3	35,900*	80
	85	75.0	288.0	66,900*	76.9	287.3	49,900*	79.7	285.0	34,700*	85
	90	74.0	286.6	63,200*	75.8	285.8	47,700*	78.7	283.5	33,500*	90
	95	72.9	285.0	59,800*	74.8	284.3	45,700*	77.6	282.0	32,400*	95
	100	71.9	283.4	56,800*	73.8	282.6	43,900*	76.6	280.3	31,400*	100
	110	69.8	279.8	51,500*	71.6	279.0	40,600*	74.5	276.7	29,600*	110
	120	67.7	275.7	47,100*	69.5	274.9	37,700*	72.3	272.7	28,000*	120
	130	65.5	271.3	43,300*	67.3	270.4	35,200*	70.1	268.2	26,500*	130
	140	63.3	266.3	40,100*	65.1	265.5	33,000*	67.9	263.3	25,200*	140
	150	61.1	260.9	37,300*	62.9	260.0	31,100*	65.6	257.8	24,000*	150
	160	58.8	254.9	34,800*	60.6	254.0	29,300*	63.3	251.8	22,900*	160
	170	56.4	248.4	32,700*	58.2	247.5	27,800*	60.9	245.3	21,900*	170
	180	54.0	241.2	30,700*	55.8	240.3	26,400*	58.4	238.1	21,000*	180
	190	51.5	233.4	27,600*	53.2	232.5	25,100*	55.9	230.2	20,200*	190
	200	48.9	224.9	24,500*	50.6	223.9	23,900*	53.2	221.6	19,500*	200
	210	46.1	215.5	21,700*	47.9	214.4	22,600*	50.5	212.1	18,800*	210
220	220	43.3	205.1	19,200*	45.0	204.0	20,000*				220
	230	40.3	193.6	17,000*	42.0	192.5	17,700*				230
	240	37.1	180.8	14,900*							240
	250	33.6	166.3	12,600*							250
	60	80.4	304.1	80,000*							60
	65	79.4	303.1	80,000*							65
	70	78.5	302.1	78,700*	80.3	301.3	58,800*				70
	75	77.5	301.0	75,900*	79.3	300.2	55,900*				75
	80	76.5	299.7	73,200*	78.3	299.0	53,300*	81.1	296.6	36,300*	80
	85	75.5	298.4	68,900*	77.3	297.6	50,900*	80.1	295.3	35,100*	85
	90	74.5	297.0	65,100*	76.3	296.2	48,700*	79.1	293.9	33,900*	90
	95	73.5	295.5	61,600*	75.3	294.7	46,700*	78.1	292.4	32,900*	95
	100	72.5	293.9	58,500*	74.3	293.1	44,800*	77.0	290.8	31,900*	100
	110	70.5	290.5	53,100*	72.3	289.7	41,500*	75.0	287.4	30,100*	110
	120	68.5	286.6	48,600*	70.2	285.8	38,600*	72.9	283.5	28,400*	120
	130	66.4	282.3	44,800*	68.1	281.5	36,100*	70.8	279.2	27,000*	130
260	140	64.3	277.5	41,400*	66.0	276.7	33,900*	68.7	274.4	25,600*	140
	150	62.1	272.3	38,600*	63.9	271.5	31,900*	66.5	269.2	24,500*	150
	160	59.9	266.6	36,000*	61.7	265.8	30,100*	64.3	263.5	23,400*	160
	170	57.7	260.4	33,800*	59.4	259.5	28,500*	62.0	257.3	22,400*	170
	180	55.4	253.6	30,100*	57.1	252.7	27,100*	59.7	250.4	21,500*	180
	190	53.0	246.2	26,700*	54.7	245.3	25,800*	57.3	243.0	20,700*	190
	200	50.5	238.1	23,600*	52.2	237.1	24,600*	54.8	234.8	19,900*	200
	210	48.0	229.3	20,800*	49.7	228.3	21,800*	52.2	225.9	19,200*	210
	220	45.3	219.6	18,300*	47.0	218.5	19,200*				220
	230	42.5	209.0	16,000*	44.2	207.8	16,800*				230
	240	39.6	197.2	14,000*	41.2	196.0	14,700*				240
	250	36.4	184.1	12,100*							250
	260	33.0	169.3	9,900*							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
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	
230	60	80.7	314.2	80,000*							60
	65	79.8	313.3	80,000*							65
	70	78.8	312.3	79,200*	80.6	311.5	59,800*				70
	75	77.9	311.2	77,200*	79.6	310.4	56,900*				75
	80	77.0	310.0	75,300*	78.7	309.3	54,300*				80
	85	76.0	308.8	70,900*	77.7	308.0	51,900*	80.4	305.6	35,500*	85
	90	75.0	307.4	67,000*	76.8	306.6	49,700*	79.4	304.3	34,400*	90
	95	74.1	306.0	63,500*	75.8	305.2	47,700*	78.5	302.8	33,300*	95
	100	73.1	304.4	60,300*	74.8	303.6	45,800*	77.5	301.3	32,300*	100
	110	71.2	301.1	54,800*	72.9	300.3	42,400*	75.5	298.0	30,500*	110
	120	69.2	297.3	50,100*	70.9	296.5	39,500*	73.5	294.2	28,900*	120
	130	67.2	293.2	46,200*	68.9	292.4	37,000*	71.5	290.1	27,400*	130
	140	65.2	288.7	42,800*	66.9	287.8	34,700*	69.4	285.5	26,100*	140
	150	63.1	283.7	39,800*	64.8	282.8	32,700*	67.4	280.5	24,900*	150
	160	61.0	278.2	36,900*	62.7	277.3	30,900*	65.2	275.0	23,800*	160
	170	58.8	272.2	33,000*	60.5	271.4	29,300*	63.0	269.1	22,800*	170
	180	56.6	265.8	29,000*	58.3	264.9	27,800*	60.8	262.6	21,900*	180
	190	54.4	258.7	25,600*	56.0	257.8	26,500*	58.5	255.5	21,100*	190
	200	52.0	251.1	22,500*	53.7	250.1	23,600*	56.2	247.8	20,300*	200
	210	49.6	242.7	19,700*	51.3	241.7	20,700*	53.7	239.3	19,600*	210
240	220	47.1	233.6	17,200*	48.8	232.6	18,100*	51.2	230.2	19,000*	220
	230	44.5	223.7	14,900*	46.2	222.6	15,700*				230
	240	41.8	212.8	12,800*	43.4	211.6	13,600*				240
	250	38.9	200.7	11,000*	40.5	199.5	11,600*				250
	260	35.8	187.3	9,200*							260
	65	80.1	323.5	80,000*							65
	70	79.2	322.5	80,000*	80.9	321.7	60,800*				70
	75	78.3	321.5	78,700*	80.0	320.7	57,900*				75
	80	77.4	320.3	77,400*	79.1	319.5	55,300*				80
	85	76.4	319.1	72,900*	78.1	318.3	52,900*	80.7	315.9	35,900*	85
	90	75.5	317.8	68,900*	77.2	317.0	50,600*	79.8	314.6	34,800*	90
	95	74.6	316.4	65,300*	76.3	315.6	48,600*	78.8	313.2	33,700*	95
	100	73.7	314.9	62,100*	75.3	314.1	46,700*	77.9	311.7	32,700*	100
	110	71.8	311.7	56,400*	73.4	310.9	43,300*	76.0	308.5	30,900*	110
	120	69.9	308.1	51,600*	71.5	307.3	40,400*	74.1	304.9	29,300*	120
	130	67.9	304.1	47,600*	69.6	303.3	37,800*	72.1	300.9	27,800*	130
	140	66.0	299.7	44,000*	67.6	298.9	35,500*	70.1	296.5	26,500*	140
	150	64.0	294.9	39,900*	65.7	294.0	33,500*	68.1	291.7	25,300*	150
	160	62.0	289.6	36,300*	63.6	288.8	31,700*	66.1	286.5	24,200*	160
	170	59.9	283.9	32,400*	61.6	283.1	30,000*	64.0	280.7	23,300*	170
	180	57.8	277.7	28,500*	59.4	276.8	28,600*	61.9	274.5	22,300*	180
	190	55.7	271.0	25,000*	57.3	270.1	26,300*	59.7	267.8	21,500*	190
	200	53.4	263.7	21,900*	55.1	262.8	23,100*	57.4	260.4	20,700*	200
	210	51.2	255.8	19,100*	52.8	254.8	20,200*	55.1	252.4	20,000*	210
	220	48.8	247.2	16,600*	50.4	246.2	17,600*	52.7	243.8	18,900*	220
	230	46.3	237.9	14,300*	47.9	236.8	15,200*	50.2	234.3	16,300*	230
	240	43.8	227.7	12,200*	45.4	226.5	13,000*				240
	250	41.1	216.5	10,300*	42.7	215.3	11,100*				250
	260	38.2	204.1	8,600*	39.8	202.9	9,200*				260
	270	35.2	190.4	7,000*							270

MANITOWOC ENGINEERING CO.

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LIFT CRANE JIB CAPACITIES

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4600 SERIES 5

JIB NO. 125 WITH 18'9" STRUT ON
BOOM NO. 27B WITH OPEN THROAT TOP
161,400 LB. OR 164,400 LB. CRANE COUNTERWEIGHT
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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	
250	65	80.4	333.6	80,000*							65
	70	79.5	332.7	80,000*							70
	75	78.6	331.7	78,400*	80.3	330.9	58,800*				75
	80	77.8	330.6	77,900*	79.4	329.8	56,200*				80
	85	76.9	329.4	74,900*	78.5	328.6	53,800*	81.0	326.2	36,200*	85
	90	76.0	328.1	70,800*	77.6	327.3	51,600*	80.1	324.9	35,100*	90
	95	75.1	326.8	67,100*	76.7	326.0	49,500*	79.2	323.6	34,100*	95
	100	74.2	325.3	63,800*	75.8	324.5	47,600*	78.3	322.1	33,100*	100
	110	72.3	322.2	58,000*	74.0	321.4	44,200*	76.4	319.0	31,300*	110
	120	70.5	318.7	52,000*	72.1	317.9	41,300*	74.6	315.5	29,700*	120
	130	68.6	314.9	46,700*	70.3	314.1	38,600*	72.7	311.7	28,300*	130
	140	66.8	310.7	42,000*	68.4	309.8	36,300*	70.8	307.5	27,000*	140
	150	64.8	306.0	38,000*	66.5	305.2	34,300*	68.9	302.8	25,800*	150
	160	62.9	301.0	34,400*	64.5	300.1	32,400*	66.9	297.8	24,700*	160
	170	60.9	295.5	31,200*	62.5	294.6	30,800*	64.9	292.3	23,700*	170
	180	58.9	289.6	27,400*	60.5	288.7	28,900*	62.9	286.3	22,800*	180
	190	56.8	283.1	23,900*	58.4	282.2	25,300*	60.8	279.9	21,900*	190
	200	54.7	276.2	20,800*	56.3	275.2	22,100*	58.6	272.8	21,100*	200
	210	52.5	268.6	18,000*	54.1	267.7	19,200*	56.4	265.3	20,400*	210
	220	50.3	260.5	15,500*	51.9	259.5	16,500*	54.1	257.1	17,900*	220
260	230	48.0	251.6	13,200*	49.5	250.6	14,200*	51.8	248.1	15,400*	230
	240	45.6	242.0	11,100*	47.1	240.9	12,000*				240
	250	43.1	231.6	9,200*	44.6	230.4	10,000*				250
	260	40.4	220.1	7,500*	41.9	218.9	8,200*				260
	270	37.6	207.5	5,900*							270
	280	34.6	193.5	4,400*							280
	65	80.7	343.8	80,000*							65
	70	79.8	342.9	80,000*							70
	75	79.0	341.9	78,100*	80.6	341.1	59,700*				75
	80	78.1	340.8	77,400*	79.7	340.0	57,100*				80
	85	77.3	339.7	76,800*	78.8	338.9	54,700*				85
	90	76.4	338.5	72,700*	78.0	337.7	52,500*	80.4	335.2	35,500*	90
	95	75.5	337.2	68,300*	77.1	336.3	50,400*	79.5	333.9	34,500*	95
	100	74.6	335.8	63,900*	76.2	335.0	48,500*	78.6	332.5	33,500*	100
	110	72.9	332.7	56,400*	74.5	331.9	45,100*	76.9	329.5	31,700*	110
	120	71.1	329.4	50,100*	72.7	328.5	42,100*	75.1	326.1	30,100*	120
	130	69.3	325.6	44,800*	70.9	324.8	39,500*	73.2	322.4	28,700*	130
	140	67.5	321.6	40,300*	69.1	320.7	37,100*	71.4	318.3	27,400*	140
	150	65.6	317.1	36,300*	67.2	316.2	35,100*	69.5	313.9	26,200*	150
	160	63.8	312.2	32,800*	65.3	311.4	33,200*	67.7	309.0	25,100*	160
	170	61.9	307.0	29,600*	63.4	306.1	30,400*	65.7	303.7	24,100*	170
	180	59.9	301.3	26,600*	61.5	300.4	27,500*	63.8	298.0	23,200*	180
	190	57.9	295.1	23,100*	59.5	294.2	24,500*	61.8	291.8	22,300*	190
	200	55.9	288.4	19,900*	57.4	287.5	21,300*	59.7	285.1	21,500*	200
	210	53.8	281.2	17,100*	55.4	280.3	18,400*	57.6	277.8	19,900*	210
	220	51.7	273.5	14,600*	53.2	272.5	15,700*	55.4	270.0	17,200*	220
	230	49.5	265.1	12,300*	51.0	264.0	13,300*	53.2	261.6	14,600*	230
	240	47.2	256.0	10,200*	48.7	254.9	11,200*	50.9	252.4	12,300*	240
	250	44.9	246.1	8,300*	46.3	245.0	9,200*				250
	260	42.4	235.4	6,600*	43.9	234.3	7,300*				260
	270	39.8	223.7	5,000*	41.3	222.5	5,700*				270