

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. COUNTERWEIGHT  
360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6824-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. 6495-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, AND 123,000 LB. COUNTERWEIGHT WITH COUNTERWEIGHT ASSEMBLY NO. 190821 (120,000 LB. COUNTERWEIGHT WITH COUNTERWEIGHT ASSEMBLY NO. 49667).

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

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER FRONT OF BLOCKED CRAWLERS		OVER SIDE OF CRAWLERS	
BOOM LGTH.	JIB NO. 125	BOOM LGTH.	JIB NO. 125
310'	---	290'	---
300'	---	280'	---
290'	---	270'	---
280'	40'	260'	60'
270'	60'	250'	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*				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	84,000	65.1	150.5	69,800*	67.3	149.0	49,800*	80
	85	61.4	148.3	77,300	63.1	147.8	66,400*	65.2	146.2	48,000*	85
	90	59.4	145.4	71,400	61.0	144.9	63,300*	63.1	143.2	46,200*	90
	95	57.2	142.2	66,300	58.8	141.7	60,500*	61.0	140.0	44,600*	95
	100	55.1	138.7	61,700	56.7	138.2	58,000*	58.8	136.5	43,200*	100
	110	50.5	130.9	53,900	52.1	130.3	53,600*	54.1	128.5	40,600*	110
120	45.6	121.6	47,500	47.2	121.0	47,900				120	
130	40.3	110.6	42,200	41.8	109.9	42,500				130	
140	34.2	97.0	37,700							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	83,100	66.7	161.7	72,800*	68.8	160.1	51,300*	80
	85	63.3	159.7	76,400	64.8	159.2	69,300*	66.9	157.6	49,400*	85
	90	61.3	157.0	70,500	62.9	156.5	66,100*	64.9	154.8	47,700*	90
	95	59.4	154.0	65,300	60.9	153.5	63,200*	62.9	151.9	46,100*	95
	100	57.4	150.9	60,700	58.9	150.3	60,600*	60.9	148.6	44,600*	100
	110	53.3	143.7	52,900	54.8	143.2	53,500	56.7	141.4	42,000*	110
120	48.9	135.4	46,500	50.4	134.8	47,000	52.2	132.9	39,700*	120	
130	44.2	125.7	41,200	45.6	125.1	41,600				130	
140	39.0	114.1	36,700	40.4	113.4	37,000				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	82,500	68.1	172.7	75,600*	70.1	171.1	52,700*	80
	85	64.9	170.9	75,800	66.3	170.4	72,000*	68.3	168.8	50,800*	85
	90	63.1	168.3	69,900	64.5	167.8	68,800*	66.5	166.2	49,000*	90
	95	61.3	165.6	64,700	62.7	165.1	65,500	64.6	163.5	47,400*	95
	100	59.4	162.7	60,100	60.9	162.2	60,800	62.8	160.5	45,900*	100
	110	55.6	156.1	52,300	57.1	155.6	52,900	58.9	153.8	43,300*	110
120	51.6	148.6	45,900	53.0	148.0	46,400	54.9	146.2	41,000*	120	
130	47.4	139.8	40,600	48.8	139.2	41,000	50.5	137.2	39,000*	130	
140	42.8	129.6	36,100	44.2	128.9	36,500				140	
150	37.8	117.5	32,200							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	81,600	69.3	183.6	78,400*	71.2	182.0	54,000*	80
	85	66.3	181.9	74,900	67.7	181.4	74,700*	69.5	179.8	52,100*	85
	90	64.6	179.5	69,000	66.0	179.0	69,900	67.9	177.4	50,400*	90
	95	62.9	177.0	63,800	64.3	176.5	64,600	66.1	174.9	48,700*	95
	100	61.2	174.3	59,200	62.6	173.8	60,000	64.4	172.1	47,200*	100
	110	57.7	168.2	51,400	59.0	167.7	52,100	60.8	165.9	44,500*	110
120	54.0	161.2	45,000	55.3	160.7	45,600	57.1	158.9	42,200*	120	
130	50.1	153.3	39,700	51.5	152.7	40,200	53.2	150.7	40,100*	130	
140	46.0	144.1	35,200	47.4	143.4	35,600				140	
150	41.6	133.4	31,300	42.9	132.7	31,700				150	
160	36.8	120.8	28,000							160	

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BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
160	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	81,400*	70.4	194.4	81,000*	72.2	192.8	55,200*	80
	85	67.5	192.8	74,600*	68.9	192.3	75,700*	70.6	190.7	53,300*	85
	90	66.0	190.6	68,800*	67.3	190.1	69,700*	69.1	188.5	51,600*	90
	95	64.4	188.2	63,600*	65.7	187.7	64,500*	67.5	186.1	50,000*	95
	100	62.8	185.7	59,000*	64.1	185.2	59,800*	65.8	183.5	48,400*	100
	110	59.5	180.0	51,200*	60.8	179.5	51,900*	62.5	177.8	45,700*	110
	120	56.1	173.5	44,800*	57.4	173.0	45,400*	59.0	171.2	43,300*	120
	130	52.5	166.2	39,400*	53.8	165.6	40,000*	55.4	163.7	40,700*	130
	140	48.8	157.8	34,900*	50.0	157.2	35,400*	51.6	155.2	36,000*	140
	150	44.8	148.2	31,100*	46.0	147.5	31,500*				150
160	40.5	137.1	27,700*	41.7	136.4	28,100*				160	
170	35.8	124.0	24,800*							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	80,500*	71.4	205.1	81,700*	73.1	203.5	56,400*	80
	85	68.7	203.7	73,800*	69.9	203.2	74,900*	71.6	201.6	54,500*	85
	90	67.2	201.6	67,900*	68.4	201.1	68,900*	70.1	199.4	52,800*	90
	95	65.7	199.3	62,700*	66.9	198.8	63,600*	68.6	197.2	51,100*	95
	100	64.2	196.9	58,100*	65.4	196.4	59,000*	67.1	194.7	49,600*	100
	110	61.1	191.6	50,300*	62.3	191.1	51,000*	64.0	189.4	46,900*	110
	120	57.9	185.6	43,900*	59.1	185.0	44,500*	60.7	183.2	44,500*	120
	130	54.6	178.7	38,600*	55.8	178.1	39,100*	57.4	176.3	39,900*	130
	140	51.1	171.0	34,000*	52.3	170.4	34,500*	53.9	168.4	35,200*	140
	150	47.5	162.2	30,200*	48.7	161.6	30,600*				150
160	43.6	152.2	26,800*	44.8	151.5	27,200*				160	
170	39.5	140.6	23,900*	40.6	139.9	24,200*				170	
180	34.9	127.2	21,300*							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	87,700*	73.7	217.5	88,000*	75.3	215.9	59,600*	75
	80	71.1	216.2	79,900*	72.3	215.7	81,100*	73.9	214.1	57,500*	80
	85	69.7	214.4	73,200*	70.9	213.9	74,300*	72.5	212.3	55,600*	85
	90	68.3	212.4	67,300*	69.5	211.9	68,300*	71.1	210.3	53,900*	90
	95	66.9	210.3	62,100*	68.1	209.8	63,100*	69.7	208.1	52,300*	95
	100	65.4	208.0	57,500*	66.6	207.5	58,400*	68.2	205.8	50,700*	100
	110	62.5	203.0	49,700*	63.7	202.5	50,400*	65.3	200.8	48,000*	110
	120	59.5	197.3	43,300*	60.7	196.8	43,900*	62.3	195.0	44,900*	120
	130	56.4	190.9	37,900*	57.6	190.4	38,500*	59.1	188.6	39,300*	130
	140	53.2	183.7	33,400*	54.4	183.2	34,000*	55.9	181.3	34,600*	140
	150	49.9	175.6	29,600*	51.0	175.0	30,000*	52.5	173.0	30,600*	150
160	46.3	166.5	26,200*	47.5	165.8	26,600*				160	
170	42.6	156.1	23,300*	43.7	155.4	23,600*				170	
180	38.5	144.1	20,700*							180	
190	34.1	130.2	18,400*							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*							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	86,800	74.4	228.0	88,000*	76.0	226.4	60,600*	75
	80	71.9	226.8	79,100	73.1	226.3	80,300	74.7	224.7	58,600*	80
	85	70.6	225.1	72,300	71.8	224.6	73,500	73.3	223.0	56,700*	85
	90	69.3	223.2	66,400	70.4	222.7	67,500	72.0	221.1	55,000*	90
	95	67.9	221.2	61,200	69.1	220.7	62,300	70.6	219.0	53,300*	95
	100	66.6	219.0	56,600	67.7	218.5	57,600	69.3	216.8	51,800*	100
	110	63.8	214.3	48,800	65.0	213.7	49,600	66.5	212.0	49,000*	110
	120	61.0	208.9	42,400	62.1	208.4	43,100	63.6	206.6	44,100	120
	130	58.1	202.9	37,100	59.2	202.3	37,700	60.7	200.5	38,600	130
	140	55.1	196.2	32,500	56.2	195.6	33,100	57.6	193.7	33,900	140
	150	52.0	188.6	28,700	53.1	188.0	29,200	54.5	186.1	29,800	150
	160	48.7	180.1	25,300	49.8	179.5	25,800	51.1	177.5	26,300	160
	170	45.3	170.6	22,400	46.3	170.0	22,800				170
180	41.6	159.8	19,800	42.7	159.1	20,100				180	
190	37.6	147.5	17,500							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	86,500	75.1	238.4	88,000*	76.6	236.8	61,600*	75
	80	72.7	237.3	78,800	73.8	236.9	80,100	75.3	235.2	59,600*	80
	85	71.5	235.7	72,000	72.6	235.2	73,200	74.1	233.6	57,700*	85
	90	70.2	233.9	66,100	71.3	233.4	67,300	72.8	231.7	56,000*	90
	95	68.9	232.0	60,900	70.0	231.5	62,000	71.5	229.8	54,300*	95
	100	67.6	229.9	56,300	68.7	229.4	57,300	70.2	227.7	52,800*	100
	110	65.0	225.4	48,500	66.1	224.9	49,400	67.5	223.2	50,000*	110
	120	62.3	220.3	42,100	63.4	219.8	42,800	64.8	218.1	43,900	120
	130	59.6	214.7	36,800	60.6	214.1	37,400	62.1	212.3	38,300	130
	140	56.7	208.3	32,200	57.8	207.7	32,800	59.2	205.9	33,600	140
	150	53.8	201.2	28,400	54.9	200.7	28,900	56.2	198.7	29,600	150
	160	50.8	193.4	25,000	51.8	192.7	25,500	53.2	190.7	26,100	160
	170	47.6	184.6	22,100	48.6	183.9	22,500				170
	180	44.2	174.7	19,500	45.3	174.0	19,900				180
190	40.7	163.5	17,200	41.7	162.8	17,500				190	
200	36.8	150.8	15,200							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	85,700	75.7	248.8	87,200	77.2	247.2	62,500*	75
	80	73.4	247.8	77,900	74.5	247.3	79,300	75.9	245.7	60,500*	80
	85	72.2	246.2	71,200	73.3	245.7	72,500	74.7	244.1	58,700*	85
	90	71.0	244.5	65,300	72.1	244.0	66,500	73.5	242.4	56,900*	90
	95	69.8	242.7	60,100	70.8	242.2	61,200	72.3	240.5	55,300*	95
	100	68.6	240.7	55,500	69.6	240.2	56,500	71.0	238.6	53,800*	100
	110	66.1	236.4	47,700	67.1	235.9	48,600	68.5	234.2	49,800	110
	120	63.5	231.6	41,200	64.6	231.1	42,000	65.9	229.4	43,100	120
	130	60.9	226.2	35,900	62.0	225.7	36,600	63.3	223.9	37,600	130
	140	58.2	220.2	31,400	59.3	219.7	32,000	60.6	217.8	32,900	140
	150	55.5	213.6	27,500	56.5	213.0	28,100	57.8	211.1	28,800	150
	160	52.6	206.2	24,200	53.7	205.6	24,700	54.9	203.6	25,300	160
	170	49.7	198.0	21,200	50.7	197.4	21,700	51.9	195.3	22,300	170
	180	46.6	188.9	18,600	47.6	188.2	19,100				180
190	43.3	178.6	16,300	44.3	177.9	16,700				190	
200	39.8	167.1	14,300	40.8	166.4	14,600				200	
210	36.0	154.1	12,400							210	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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*							50
	55	79.8	264.3	88,000*	80.8	263.8	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	85,100	76.3	259.2	86,700	77.7	257.6	63,400*	75
	80	74.1	258.3	77,300	75.1	257.8	78,800	76.5	256.2	61,400*	80
	85	72.9	256.7	70,600	74.0	256.2	71,900	75.3	254.6	59,600*	85
	90	71.8	255.1	64,700	72.8	254.6	65,900	74.2	253.0	57,900*	90
	95	70.6	253.4	59,500	71.6	252.8	60,600	73.0	251.2	56,300*	95
	100	69.4	251.5	54,900	70.4	251.0	55,900	71.8	249.3	54,700*	100
	110	67.0	247.4	47,000	68.1	246.9	48,000	69.4	245.2	49,200	110
	120	64.6	242.8	40,600	65.6	242.3	41,500	67.0	240.5	42,600	120
	130	62.1	237.7	35,300	63.1	237.1	36,000	64.5	235.4	37,000	130
	140	59.6	232.0	30,800	60.6	231.4	31,400	61.9	229.6	32,300	140
	150	57.0	225.7	26,900	58.0	225.1	27,500	59.3	223.2	28,300	150
	160	54.3	218.7	23,500	55.3	218.1	24,100	56.5	216.2	24,800	160
	170	51.5	211.0	20,600	52.5	210.4	21,100	53.7	208.4	21,700	170
	180	48.6	202.5	18,000	49.6	201.9	18,400	50.8	199.8	19,000	180
	190	45.6	193.1	15,700	46.6	192.4	16,100				190
200	42.4	182.5	13,700	43.3	181.8	14,000				200	
210	39.0	170.7	11,800							210	
220	35.3	157.2	10,100							220	
230	55	80.1	274.5	88,000*							55
	60	79.1	273.5	88,000*	80.1	273.0	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	84,300	76.8	269.5	85,900	78.1	267.9	64,300*	75
	80	74.7	268.7	76,500	75.7	268.2	78,000	77.0	266.6	62,300*	80
	85	73.6	267.2	69,800	74.6	266.7	71,200	75.9	265.1	60,500*	85
	90	72.5	265.6	63,900	73.5	265.1	65,200	74.8	263.5	58,800*	90
	95	71.4	264.0	58,700	72.3	263.5	59,900	73.7	261.8	57,200*	95
	100	70.2	262.2	54,100	71.2	261.7	55,200	72.5	260.0	55,600*	100
	110	67.9	258.3	46,200	68.9	257.7	47,200	70.2	256.0	48,500	110
	120	65.6	253.9	39,800	66.6	253.3	40,700	67.9	251.6	41,800	120
	130	63.3	249.0	34,400	64.2	248.4	35,200	65.5	246.7	36,300	130
	140	60.8	243.6	29,900	61.8	243.0	30,600	63.1	241.2	31,500	140
	150	58.4	237.6	26,000	59.3	237.0	26,700	60.6	235.2	27,500	150
160	55.8	231.0	22,700	56.8	230.4	23,300	58.0	228.5	24,000	160	
170	53.2	223.7	19,700	54.2	223.1	20,300	55.3	221.2	20,900	170	
180	50.5	215.7	17,200	51.4	215.1	17,600	52.6	213.1	18,200	180	
190	47.7	206.9	14,900	48.6	206.3	15,300				190	
200	44.7	197.2	12,800	45.6	196.5	13,200				200	
210	41.6	186.3	10,900	42.5	185.6	11,300				210	
220	38.2	174.1	9,300							220	
230	34.6	160.3	7,700							230	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	84,000	77.3	279.9	85,600	78.6	278.2	65,100*	75
	80	75.2	279.1	76,200	76.2	278.6	77,700	77.5	276.9	63,100*	80
	85	74.2	277.6	69,400	75.1	277.1	70,800	76.4	275.5	61,300*	85
	90	73.1	276.1	63,500	74.1	275.6	64,800	75.4	274.0	59,600*	90
	95	72.0	274.5	58,300	73.0	274.0	59,500	74.3	272.4	58,000*	95
	100	71.0	272.8	53,700	71.9	272.3	54,800	73.2	270.6	56,400	100
	110	68.8	269.0	45,800	69.7	268.5	46,900	71.0	266.8	48,200	110
	120	66.6	264.8	39,400	67.5	264.3	40,300	68.7	262.6	41,500	120
	130	64.3	260.2	34,100	65.2	259.6	34,900	66.5	257.9	36,000	130
	140	62.0	255.0	29,600	62.9	254.4	30,300	64.1	252.7	31,200	140
	150	59.6	249.3	25,700	60.6	248.7	26,300	61.8	246.9	27,200	150
	160	57.2	243.0	22,300	58.1	242.5	22,900	59.3	240.6	23,700	160
	170	54.7	236.2	19,400	55.6	235.6	19,900	56.8	233.6	20,600	170
	180	52.2	228.6	16,800	53.1	228.0	17,300	54.2	226.0	17,900	180
	190	49.5	220.4	14,500	50.4	219.7	14,900	51.5	217.6	15,500	190
	200	46.7	211.2	12,400	47.6	210.6	12,800				200
210	43.8	201.2	10,600	44.7	200.5	10,900				210	
220	40.8	190.0	8,900	41.6	189.3	9,200				220	
230	37.5	177.5	7,400							230	
240	33.9	163.4	6,000							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	83,200	77.7	290.2	84,900	79.0	288.5	65,800*	75
	80	75.8	289.4	75,400	76.7	288.9	77,000	78.0	287.3	63,900*	80
	85	74.7	288.1	68,600	75.7	287.5	70,100	76.9	285.9	62,100*	85
	90	73.7	286.6	62,700	74.6	286.1	64,100	75.9	284.4	60,400*	90
	95	72.7	285.0	57,500	73.6	284.5	58,800	74.8	282.9	58,800*	95
	100	71.6	283.4	52,900	72.6	282.9	54,100	73.8	281.2	55,700	100
	110	69.5	279.8	45,000	70.5	279.3	46,100	71.7	277.6	47,500	110
	120	67.4	275.7	38,600	68.3	275.2	39,600	69.5	273.5	40,800	120
	130	65.2	271.3	33,300	66.1	270.7	34,100	67.3	269.0	35,200	130
	140	63.0	266.3	28,700	63.9	265.8	29,500	65.1	264.0	30,500	140
	150	60.8	260.9	24,900	61.7	260.3	25,600	62.9	258.5	26,500	150
	160	58.5	254.9	21,500	59.4	254.3	22,100	60.5	252.5	22,900	160
	170	56.1	248.4	18,600	57.0	247.8	19,100	58.1	245.9	19,900	170
	180	53.7	241.2	16,000	54.6	240.6	16,500	55.7	238.6	17,100	180
	190	51.2	233.4	13,700	52.1	232.8	14,100	53.1	230.7	14,700	190
	200	48.6	224.9	11,600	49.5	224.2	12,000	50.5	222.1	12,600	200
210	45.9	215.5	9,800	46.7	214.8	10,100				210	
220	43.0	205.1	8,100	43.9	204.4	8,400				220	
230	40.0	193.6	6,500	40.9	192.9	6,800				230	
240	36.8	180.8	5,200							240	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	82,600	78.1	300.4	84,400	79.4	298.8	66,600*	75
	80	76.3	299.7	74,800	77.1	299.2	76,400	78.4	297.6	64,700*	80
	85	75.3	298.4	68,000	76.2	297.9	69,500	77.4	296.3	62,900*	85
	90	74.3	297.0	62,100	75.2	296.5	63,500	76.4	294.9	61,200*	90
	95	73.3	295.5	56,900	74.2	295.0	58,200	75.4	293.3	59,600*	95
	100	72.3	293.9	52,300	73.2	293.4	53,500	74.4	291.7	55,200	100
	110	70.3	290.5	44,400	71.1	289.9	45,500	72.3	288.2	47,000	110
	120	68.2	286.6	38,000	69.1	286.0	39,000	70.3	284.3	40,300	120
	130	66.1	282.3	32,600	67.0	281.7	33,500	68.2	280.0	34,700	130
	140	64.0	277.5	28,100	64.9	277.0	28,900	66.0	275.2	29,900	140
	150	61.9	272.3	24,200	62.7	271.8	24,900	63.9	270.0	25,900	150
	160	59.7	266.6	20,900	60.5	266.1	21,500	61.6	264.2	22,400	160
	170	57.4	260.4	17,900	58.3	259.8	18,500	59.4	257.9	19,300	170
	180	55.1	253.6	15,300	55.9	253.0	15,900	57.0	251.0	16,600	180
	190	52.7	246.2	13,000	53.6	245.6	13,500	54.6	243.6	14,100	190
	200	50.3	238.1	11,000	51.1	237.5	11,400	52.1	235.4	12,000	200
	210	47.7	229.3	9,100	48.5	228.6	9,500				210
220	45.1	219.6	7,400	45.9	218.9	7,800				220	
230	42.3	209.0	5,900	43.1	208.2	6,200				230	
240	39.3	197.2	4,500							240	
270	60	80.5	314.2	88,000*	80.4	312.8	88,000*	80.7	310.2	69,300*	60
	65	79.5	313.3	88,000*							65
	70	78.6	312.3	88,000*	79.5	311.8	88,000*	80.7	309.1	67,300*	70
	75	77.7	311.2	81,800	78.5	310.7	83,700	79.7	307.9	65,400*	75
	80	76.7	310.0	74,000	77.6	309.5	75,700	78.8	307.9	67,400*	80
	85	75.8	308.8	67,200	76.6	308.3	68,800	77.8	306.6	63,600*	85
	90	74.8	307.4	61,300	75.7	306.9	62,800	76.8	305.2	62,000*	90
	95	73.8	306.0	56,100	74.7	305.5	57,500	75.9	303.8	59,300	95
	100	72.9	304.4	51,500	73.7	303.9	52,800	74.9	302.2	54,500	100
	110	70.9	301.1	43,600	71.8	300.6	44,700	72.9	298.9	46,300	110
	120	68.9	297.3	37,200	69.8	296.8	38,200	70.9	295.1	39,600	120
	130	66.9	293.2	31,800	67.8	292.7	32,700	68.9	290.9	33,900	130
	140	64.9	288.7	27,300	65.8	288.1	28,100	66.9	286.3	29,200	140
	150	62.8	283.7	23,400	63.7	283.1	24,200	64.8	281.3	25,100	150
	160	60.7	278.2	20,000	61.6	277.6	20,700	62.7	275.8	21,600	160
	170	58.6	272.2	17,100	59.4	271.7	17,700	60.5	269.8	18,500	170
	180	56.4	265.8	14,500	57.2	265.2	15,100	58.3	263.2	15,800	180
	190	54.1	258.7	12,200	54.9	258.1	12,700	56.0	256.1	13,400	190
	200	51.8	251.1	10,100	52.6	250.4	10,600	53.6	248.4	11,200	200
	210	49.4	242.7	8,300	50.2	242.1	8,700	51.2	239.9	9,200	210
220	46.9	233.6	6,600	47.7	232.9	7,000				220	
230	44.3	223.7	5,100	45.1	223.0	5,400				230	
240				42.3	212.0	4,000				240	
280	60	80.8	324.4	88,000*	80.7	323.0	88,000*	81.0	320.4	69,900*	60
	65	79.9	323.5	88,000*							65
	70	79.0	322.5	88,000*	79.8	322.0	88,000*	80.0	319.3	68,000*	70
	75	78.0	321.5	81,400	78.9	321.0	83,300	79.1	318.2	66,100*	75
	80	77.1	320.3	73,600	78.0	319.8	75,300	78.2	316.9	64,300*	80
	85	76.2	319.1	66,800	77.0	318.6	68,400	77.3	315.6	62,700*	85
	90	75.3	317.8	60,900	76.1	317.3	62,400	76.3	314.2	59,000*	90
	95	74.4	316.4	55,700	75.2	315.9	57,100	75.4	312.7	54,200	95
	100	73.4	314.9	51,100	74.3	314.4	52,400	74.5	312.7	54,200	100
	110	71.5	311.7	43,200	72.4	311.2	44,400	73.5	309.5	45,900	110
	120	69.6	308.1	36,800	70.5	307.5	37,800	71.6	305.8	39,200	120
	130	67.7	304.1	31,400	68.5	303.5	32,400	69.6	301.8	33,600	130
	140	65.8	299.7	26,900	66.6	299.2	27,700	67.7	297.4	28,900	140
	150	63.8	294.9	23,000	64.6	294.3	23,800	65.7	292.5	24,800	150
	160	61.7	289.7	19,600	62.6	289.1	20,300	63.6	287.3	21,300	160
	170	59.7	283.9	16,700	60.5	283.4	17,300	61.5	281.5	18,200	170
	180	57.6	277.8	14,100	58.4	277.2	14,700	59.4	275.2	15,500	180
	190	55.4	271.0	11,800	56.2	270.4	12,300	57.2	268.5	13,000	190
	200	53.2	263.7	9,700	54.0	263.1	10,200	55.0	261.1	10,900	200
	210	50.9	255.8	7,900	51.7	255.2	8,300	52.7	253.1	8,900	210
220	48.6	247.2	6,200	49.3	246.6	6,600				220	
230	46.1	237.9	4,700	46.9	237.2	5,000				230	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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*							40
	45	78.1	174.4	88,000*	80.1	173.9	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	42,700*	46.4	124.8	38,300*				130	
140	39.4	114.0	38,200*	41.2	113.2	36,000*				140	
130	40	80.4	185.7	88,000*							40
	45	78.8	184.7	88,000*	80.6	184.1	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	47,100*	53.8	147.8	42,800*	56.0	145.5	35,100*	120	
130	47.8	139.8	41,700*	49.5	139.0	40,000*	51.7	136.6	33,300*	130	
140	43.2	129.5	37,200*	44.9	128.7	37,600*				140	
150	38.2	117.5	33,300*							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	60,700*	63.3	173.6	51,800*	65.6	171.5	40,600*	100
	110	58.0	168.2	52,800*	59.7	167.5	47,900*	62.0	165.4	38,200*	110
120	54.4	161.2	46,400*	56.0	160.5	44,500*	58.2	158.3	36,100*	120	
130	50.5	153.2	41,100*	52.1	152.4	41,700*	54.3	150.1	34,300*	130	
140	46.4	144.0	36,600*	48.0	143.2	37,100*				140	
150	42.0	133.3	32,700*	43.6	132.4	33,100*				150	
160	37.1	120.8	29,400*							160	



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES — MEETS ANSI B30.5 REQUIREMENTS — 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 120,000 LB. OR 123,000 LB. 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	69,600*	68.0	189.9	58,400*	70.2	187.9	44,500*	90
	95	64.7	188.2	64,400*	66.4	187.5	55,900*	68.6	185.5	43,000*	95
	100	63.1	185.6	59,800*	64.7	185.0	53,600*	66.9	182.9	41,700*	100
	110	59.8	180.0	51,900*	61.4	179.3	49,600*	63.6	177.2	39,300*	110
	120	56.4	173.5	45,500*	58.0	172.8	46,200*	60.1	170.6	37,100*	120
130	52.8	166.1	40,200*	54.4	165.4	40,800*	56.5	163.1	35,300*	130	
140	49.1	157.7	35,700*	50.7	156.9	36,200*	52.7	154.5	33,700*	140	
150	45.1	148.1	31,800*	46.7	147.3	32,300*				150	
160	40.8	137.0	28,400*	42.4	136.1	28,800*				160	
170	36.1	124.0	25,500*							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	82,000*	72.0	204.9	66,000*	74.2	203.0	48,700*	80
	85	69.0	203.6	75,200*	70.6	203.0	63,000*	72.7	201.0	47,000*	85
	90	67.5	201.5	69,400*	69.1	200.9	60,300*	71.2	198.9	45,500*	90
	95	66.0	199.3	64,200*	67.6	198.6	57,800*	69.7	196.6	44,000*	95
	100	64.5	196.9	59,500*	66.1	196.2	55,500*	68.1	194.2	42,700*	100
	110	61.4	191.6	51,700*	63.0	190.9	51,400*	65.0	188.8	40,200*	110
	120	58.2	185.5	45,300*	59.8	184.8	46,000*	61.8	182.6	38,100*	120
130	54.9	178.7	39,900*	56.4	177.9	40,600*	58.4	175.7	36,200*	130	
140	51.5	170.9	35,400*	53.0	170.1	36,000*	54.9	167.8	34,600*	140	
150	47.8	162.1	31,500*	49.3	161.3	32,000*	51.2	158.8	32,700*	150	
160	44.0	152.1	28,200*	45.4	151.2	28,600*				160	
170	39.8	140.6	25,200*	41.2	139.6	25,600*				170	
180	35.2	127.1	22,600*							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	81,200*	72.9	215.6	67,900*	74.9	213.6	49,600*	80
	85	70.0	214.4	74,400*	71.5	213.7	64,900*	73.5	211.7	48,000*	85
	90	68.6	212.4	68,500*	70.1	211.7	62,100*	72.1	209.7	46,400*	90
	95	67.2	210.2	63,300*	68.7	209.6	59,500*	70.7	207.6	45,000*	95
	100	65.7	208.0	58,700*	67.2	207.3	57,200*	69.2	205.3	43,600*	100
	110	62.8	203.0	50,800*	64.3	202.3	51,700*	66.3	200.2	41,200*	110
	120	59.8	197.3	44,400*	61.3	196.6	45,200*	63.2	194.4	39,000*	120
130	56.7	190.9	39,100*	58.2	190.2	39,800*	60.1	187.9	37,100*	130	
140	53.5	183.7	34,500*	55.0	182.9	35,200*	56.8	180.6	35,500*	140	
150	50.2	175.6	30,700*	51.6	174.8	31,200*	53.4	172.3	31,900*	150	
160	46.6	166.4	27,300*	48.0	165.6	27,800*				160	
170	42.9	156.0	24,400*	44.3	155.1	24,800*				170	
180	38.8	144.1	21,800*							180	
190	34.4	130.1	19,400*							190	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	
180	50	80.0	234.7	88,000*	80.2	233.0	88,000*				50
	55	78.7	233.7	88,000*	78.9	231.9	85,500*	80.9	230.0	58,600*	55
	60	77.4	232.5	88,000*	77.6	230.6	80,900*	79.6	228.7	56,300*	60
	65	76.1	231.3	88,000*	76.3	229.3	76,800*	78.3	227.3	54,200*	65
	70	74.8	229.9	88,000*	75.0	227.8	73,100*	77.0	225.8	52,300*	70
	75	73.5	228.4	88,000*	73.7	226.1	69,700*	75.6	224.1	50,500*	75
	80	72.2	226.8	80,500	72.3	224.4	66,700*	74.3	222.4	48,800*	80
	85	70.9	225.0	73,800	71.0	222.5	63,900*	73.0	220.5	47,300*	85
	90	69.6	223.1	67,900	69.7	220.5	61,300*	71.6	218.4	45,900*	90
	95	68.2	221.1	62,700	68.3	218.3	58,900*	70.2	216.2	44,500*	95
	100	66.9	219.0	58,100	65.5	213.5	51,200	67.4	211.4	42,100*	100
	110	64.1	214.2	50,200	62.7	208.2	44,600	64.6	206.0	39,900*	110
	120	61.3	208.9	43,800	59.8	202.1	39,200	61.6	199.9	38,000*	120
	130	58.4	202.9	38,400	56.8	195.4	34,600	58.6	193.0	35,400*	130
	140	55.4	196.1	33,900	53.6	187.8	30,600	55.4	185.4	31,400*	140
	150	52.2	188.6	30,000	50.3	179.3	27,200	52.0	176.7	27,800*	150
	160	49.0	180.1	26,700	46.9	169.7	24,200				160
	170	45.5	170.6	23,700	43.2	158.8	21,500				170
	180	41.9	159.8	21,100							180
190	37.9	147.4	18,800							190	
190	50	80.4	244.9	88,000*	80.6	243.3	88,000*				50
	55	79.2	243.9	88,000*	79.3	242.2	87,300*				55
	60	77.9	242.8	88,000*	78.1	241.0	82,700*	80.0	239.0	57,100*	60
	65	76.7	241.6	88,000*	76.9	239.6	78,600*	78.8	237.7	55,000*	65
	70	75.5	240.3	88,000*	75.6	238.2	74,900*	77.5	236.2	53,100*	70
	75	74.2	238.9	87,500	74.4	236.7	71,500*	76.3	234.7	51,300*	75
	80	73.0	237.3	79,700	73.1	235.0	68,400*	75.0	233.0	49,700*	80
	85	71.7	235.6	73,000	71.8	233.2	65,600*	73.7	231.1	48,200*	85
	90	70.5	233.8	67,000	70.6	231.3	63,000*	72.4	229.2	46,700*	90
	95	69.2	231.9	61,800	69.3	229.2	58,400	71.1	227.1	45,400*	95
	100	67.9	229.9	57,200	66.6	224.7	50,400	68.5	222.6	42,900*	100
	110	65.3	225.4	49,300	63.9	219.6	43,800	65.7	217.4	40,800*	110
	120	62.6	220.3	42,900	61.2	213.9	38,400	63.0	211.7	38,800*	120
	130	59.8	214.6	37,600	58.4	207.5	33,700	60.1	205.2	34,700*	130
	140	57.0	208.3	33,000	55.4	200.4	29,800	57.1	198.0	30,600*	140
	150	54.1	201.2	29,100	52.4	192.5	26,300	54.0	190.0	27,100*	150
	160	51.1	193.3	25,800	49.2	183.7	23,300				160
	170	47.9	184.5	22,800	45.8	173.7	20,700				170
	180	44.5	174.6	20,200	42.2	162.5	18,300				180
190	40.9	163.5	17,900							190	
200	37.1	150.8	15,900							200	
200	50	80.8	255.0	88,000*	81.0	253.5	88,000*				50
	55	79.6	254.1	88,000*	79.8	252.4	88,000*				55
	60	78.4	253.0	88,000*	78.6	251.3	84,500*	80.5	249.3	57,800*	60
	65	77.3	251.9	88,000*	77.4	250.0	80,300*	79.3	248.0	55,800*	65
	70	76.1	250.6	88,000*	76.2	248.6	76,600*	78.1	246.6	53,900*	70
	75	74.9	249.3	87,200	75.0	247.1	73,200*	76.8	245.1	52,100*	75
	80	73.7	247.8	79,400	73.8	245.5	70,100*	75.6	243.5	50,500*	80
	85	72.5	246.2	72,600	72.6	243.8	67,200*	74.4	241.8	49,000*	85
	90	71.3	244.5	66,700	71.4	242.0	62,800	73.2	239.9	47,500*	90
	95	70.1	242.6	61,500	70.1	240.0	58,100	71.9	237.9	46,200*	95
	100	68.8	240.7	56,900	67.6	235.7	50,100	69.4	233.6	43,800*	100
	110	66.3	236.4	49,000	65.1	230.9	43,500	66.8	228.7	41,600*	110
	120	63.8	231.6	42,600	62.5	225.5	38,100	64.2	223.3	39,200*	120
	130	61.2	226.2	37,200	59.8	219.5	33,400	61.5	217.2	34,400*	130
	140	58.5	220.2	32,700	57.0	212.8	29,500	58.7	210.4	30,400*	140
	150	55.8	213.5	28,800	54.2	205.3	26,100	55.8	202.9	26,800*	150
	160	52.9	206.1	25,500	51.2	197.1	23,000	52.8	194.5	23,700*	160
	170	49.9	197.9	22,500	48.1	187.9	20,400				170
	180	46.8	188.8	19,900	44.8	177.7	18,000				180
190	43.6	178.6	17,600	41.3	166.1	15,900				190	
200	40.1	167.1	15,500							200	
210	36.3	154.0	13,700							210	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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*				65
	70	76.6	261.0	88,000*	77.9	260.3	82,000*	80.8	259.5	58,500*	70
	75	75.5	259.6	86,400	76.8	259.0	78,300*	79.7	258.3	56,500*	75
	80	74.3	258.2	78,600	75.6	257.6	74,800*	78.5	257.0	54,600*	80
	85	73.2	256.7	71,800	74.5	256.0	71,700*	77.4	255.5	52,900*	85
	90	72.0	255.1	65,900	73.3	254.4	67,400	76.2	254.0	51,300*	90
	95	70.9	253.3	60,700	72.1	252.6	62,100	75.0	252.3	49,700*	95
	100	69.7	251.4	56,100	71.0	250.8	57,300	73.9	250.6	48,300*	100
	110	67.3	247.3	48,200	68.6	246.7	49,300	72.7	248.7	47,000*	110
	120	64.9	242.7	41,800	66.1	242.0	42,700	70.3	244.5	44,500*	120
	130	62.4	237.6	36,400	63.6	236.9	37,300	67.8	239.9	42,400*	130
	140	59.9	231.9	31,900	61.1	231.2	32,700	65.3	234.7	38,500	140
	150	57.3	225.6	28,000	58.5	224.9	28,700	62.7	228.9	33,700	150
160	54.6	218.7	24,600	55.8	217.9	25,300	60.1	222.5	29,600	160	
170	51.8	211.0	21,700	53.0	210.2	22,200	57.4	215.5	26,100	170	
180	48.9	202.4	19,100	50.1	201.6	19,600	54.5	207.6	23,000	180	
190	45.9	193.0	16,800	47.0	192.1	17,200	51.6	199.0	20,200	190	
200	42.7	182.4	14,700	43.8	181.5	15,100				200	
210	39.2	170.6	12,800							210	
220	35.5	157.1	11,100							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	85,800	77.3	269.3	79,900*	79.0	267.3	55,300*	75
	80	74.9	268.6	78,000	76.2	268.0	76,400*	77.9	265.9	53,600*	80
	85	73.8	267.2	71,200	75.1	266.5	72,800	76.7	264.5	52,000*	85
	90	72.7	265.6	65,300	73.9	264.9	66,800	75.6	262.9	50,500*	90
	95	71.6	263.9	60,100	72.8	263.2	61,500	74.5	261.2	49,100*	95
	100	70.5	262.1	55,500	71.7	261.4	56,800	73.4	259.4	47,700*	100
	110	68.2	258.2	47,600	69.4	257.5	48,700	71.0	255.4	45,300*	110
	120	65.9	253.8	41,100	67.1	253.1	42,200	68.7	251.0	43,100*	120
	130	63.5	248.9	35,800	64.7	248.2	36,700	66.3	246.0	37,900	130
	140	61.1	243.5	31,200	62.3	242.8	32,100	63.9	240.5	33,200	140
	150	58.6	237.5	27,400	59.8	236.8	28,100	61.4	234.5	29,100	150
160	56.1	230.9	24,000	57.3	230.2	24,600	58.8	227.8	25,500	160	
170	53.5	223.7	21,000	54.6	222.9	21,600	56.1	220.4	22,400	170	
180	50.7	215.7	18,400	51.9	214.9	19,000	53.4	212.3	19,700	180	
190	47.9	206.9	16,100	49.1	206.0	16,600				190	
200	44.9	197.1	14,100	46.1	196.2	14,500				200	
210	41.8	186.2	12,200	42.9	185.3	12,600				210	
220	38.5	174.1	10,500							220	
230	34.8	160.2	9,000							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	85,000	77.7	279.7	81,400*	79.4	277.6	56,000*	75
	80	75.5	279.0	77,200	76.7	278.3	78,000*	78.3	276.3	54,300*	80
	85	74.4	277.6	70,400	75.6	276.9	72,100	77.2	274.9	52,700*	85
	90	73.4	276.1	64,500	74.5	275.4	66,100	76.2	273.4	51,200*	90
	95	72.3	274.5	59,300	73.5	273.8	60,700	75.1	271.7	49,800*	95
	100	71.2	272.8	54,600	72.4	272.1	56,000	74.0	270.0	48,500*	100
	110	69.0	269.0	46,800	70.2	268.3	48,000	71.8	266.2	46,000*	110
	120	66.8	264.8	40,300	68.0	264.1	41,400	69.5	261.9	42,800	120
	130	64.5	260.1	34,900	65.7	259.4	35,900	67.2	257.2	37,200	130
	140	62.2	254.9	30,400	63.4	254.2	31,300	64.9	252.0	32,400	140
	150	59.9	249.3	26,500	61.0	248.5	27,300	62.5	246.2	28,300	150
160	57.5	243.0	23,100	58.6	242.2	23,800	60.1	239.9	24,800	160	
170	55.0	236.1	20,200	56.1	235.3	20,800	57.6	232.9	21,700	170	
180	52.4	228.6	17,600	53.5	227.8	18,200	55.0	225.2	18,900	180	
190	49.7	220.3	15,300	50.9	219.4	15,800	52.3	216.8	16,500	190	
200	47.0	211.2	13,200	48.1	210.3	13,700				200	
210	44.1	201.1	11,300	45.2	200.2	11,800				210	
220	41.0	189.9	9,700	42.1	188.9	10,000				220	
230	37.7	177.4	8,100							230	
240	34.2	163.3	6,700							240	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	
240	60	80.1	293.9	88,000*							60
	65	79.0	292.9	88,000*	80.2	292.2	88,000*				65
	70	78.0	291.8	88,000*	79.2	291.1	86,700*	80.8	289.1	58,400*	70
	75	77.0	290.6	84,700	78.2	290.0	82,900*	79.8	287.9	56,600*	75
	80	76.0	289.4	76,900	77.2	288.7	78,700	78.7	286.6	54,900*	80
	85	75.0	288.0	70,100	76.1	287.3	71,800	77.7	285.3	53,300*	85
	90	73.9	286.6	64,100	75.1	285.9	65,700	76.7	283.8	51,900*	90
	95	72.9	285.0	58,900	74.1	284.3	60,400	75.6	282.2	50,500*	95
	100	71.9	283.3	54,300	73.0	282.7	55,700	74.6	280.6	49,200*	100
	110	69.8	279.7	46,400	70.9	279.0	47,600	72.4	276.9	46,700*	110
	120	67.6	275.7	39,900	68.8	275.0	41,000	70.3	272.8	42,500	120
	130	65.5	271.2	34,600	66.6	270.5	35,600	68.1	268.3	36,900	130
	140	63.3	266.3	30,000	64.4	265.5	30,900	65.9	263.3	32,100	140
	150	61.0	260.8	26,100	62.1	260.1	27,000	63.6	257.8	28,000	150
	160	58.7	254.9	22,800	59.8	254.1	23,500	61.3	251.8	24,500	160
	170	56.4	248.3	19,800	57.5	247.5	20,500	58.9	245.1	21,400	170
	180	53.9	241.2	17,200	55.0	240.4	17,800	56.4	237.9	18,600	180
	190	51.4	233.4	14,900	52.5	232.5	15,500	53.9	230.0	16,100	190
	200	48.8	224.8	12,800	49.9	223.9	13,300	51.2	221.3	14,000	200
	210	46.1	215.4	11,000	47.2	214.5	11,400				210
220	43.3	205.0	9,300	44.3	204.1	9,700				220	
230	40.2	193.6	7,800	41.3	192.6	8,100				230	
240	37.0	180.7	6,400							240	
052	60	80.4	304.0	88,000*							60
	65	79.4	303.1	88,000*	80.5	302.4	88,000*				65
	70	78.4	302.0	88,000*	79.6	301.4	88,000*				70
	75	77.5	300.9	83,900	78.6	300.2	84,400*	80.1	298.2	57,200*	75
	80	76.5	299.7	76,100	77.6	299.0	78,000	79.1	297.0	55,500*	80
	85	75.5	298.4	69,300	76.6	297.7	71,100	78.1	295.6	54,000*	85
	90	74.5	297.0	63,400	75.6	296.3	65,000	77.1	294.2	52,500*	90
	95	73.5	295.5	58,100	74.6	294.8	59,700	76.1	292.7	51,100*	95
	100	72.5	293.9	53,500	73.6	293.2	55,000	75.1	291.1	49,800*	100
	110	70.5	290.4	45,600	71.6	289.7	46,900	73.1	287.6	47,400*	110
	120	68.4	286.5	39,100	69.5	285.8	40,300	71.0	283.7	41,900	120
	130	66.3	282.2	33,800	67.4	281.5	34,800	68.9	279.3	36,200	130
	140	64.2	277.5	29,200	65.3	276.8	30,200	66.8	274.5	31,400	140
	150	62.1	272.3	25,300	63.2	271.5	26,200	64.6	269.3	27,300	150
	160	59.9	266.6	22,000	60.9	265.8	22,700	62.3	263.5	23,700	160
	170	57.6	260.3	19,000	58.7	259.6	19,700	60.1	257.2	20,600	170
	180	55.3	253.6	16,400	56.4	252.8	17,000	57.7	250.3	17,900	180
	190	52.9	246.1	14,100	54.0	245.3	14,700	55.3	242.8	15,400	190
	200	50.5	238.1	12,000	51.5	237.2	12,500	52.8	234.6	13,200	200
	210	47.9	229.2	10,100	49.0	228.3	10,600				210
220	45.3	219.5	8,500	46.3	218.6	8,900				220	
230	42.5	208.9	6,900	43.5	207.9	7,300				230	
240	39.5	197.1	5,500							240	
250	36.4	184.0	4,200							250	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	83,300	79.0	310.5	85,500	80.4	308.4	57,800*	75
	80	76.9	310.0	75,500	78.0	309.3	77,500	79.5	307.2	56,100*	80
	85	76.0	308.7	68,700	77.0	308.1	70,500	78.5	306.0	54,600*	85
	90	75.0	307.4	62,800	76.1	306.7	64,500	77.6	304.6	53,100*	90
	95	74.1	305.9	57,500	75.1	305.2	59,100	76.6	303.1	51,800*	95
	100	73.1	304.4	52,900	74.2	303.7	54,400	75.6	301.6	50,500*	100
	110	71.1	301.0	45,000	72.2	300.3	46,300	73.6	298.2	48,100*	110
	120	69.2	297.3	38,500	70.2	296.6	39,700	71.6	294.4	41,300	120
	130	67.2	293.2	33,100	68.2	292.4	34,200	69.6	290.3	35,700	130
	140	65.1	288.6	28,600	66.2	287.9	29,600	67.6	285.6	30,900	140
	150	63.1	283.6	24,700	64.1	282.9	25,600	65.5	280.6	26,700	150
	160	61.0	278.1	21,300	62.0	277.4	22,100	63.4	275.1	23,200	160
	170	58.8	272.2	18,400	59.8	271.4	19,100	61.2	269.0	20,100	170
180	56.6	265.7	15,800	57.6	264.9	16,400	58.9	262.5	17,300	180	
190	54.3	258.7	13,400	55.4	257.9	14,100	56.7	255.3	14,800	190	
200	52.0	251.0	11,400	53.0	250.2	11,900	54.3	247.6	12,600	200	
210	49.6	242.7	9,500	50.6	241.8	10,000	51.8	239.1	10,600	210	
220	47.1	233.6	7,800	48.1	232.7	8,300				220	
230	44.5	223.6	6,300	45.5	222.7	6,700				230	
240	41.8	212.7	4,900	42.7	211.7	5,200				240	
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	82,600	79.3	320.7	84,800	80.8	318.7	58,300*	75
	80	77.3	320.3	74,700	78.4	319.6	76,800	79.8	317.5	56,700*	80
	85	76.4	319.1	67,900	77.5	318.4	69,800	78.9	316.3	55,200*	85
	90	75.5	317.7	62,000	76.5	317.1	63,800	78.0	315.0	53,700*	90
	95	74.6	316.3	56,700	75.6	315.7	58,400	77.0	313.6	52,400*	95
	100	73.6	314.9	52,100	74.7	314.2	53,700	76.1	312.1	51,100*	100
	110	71.7	311.6	44,200	72.8	310.9	45,600	74.2	308.8	47,500	110
	120	69.8	308.0	37,700	70.9	307.3	39,000	72.3	305.1	40,600	120
	130	67.9	304.0	32,300	68.9	303.3	33,500	70.3	301.1	35,000	130
	140	66.0	299.6	27,800	67.0	298.9	28,800	68.3	296.7	30,200	140
	150	64.0	294.8	23,900	65.0	294.1	24,800	66.3	291.8	26,000	150
	160	61.9	289.6	20,500	63.0	288.8	21,300	64.3	286.5	22,500	160
	170	59.9	283.9	17,500	60.9	283.1	18,300	62.2	280.8	19,300	170
180	57.8	277.7	14,900	58.8	276.9	15,600	60.1	274.5	16,600	180	
190	55.6	271.0	12,600	56.6	270.2	13,300	57.9	267.7	14,100	190	
200	53.4	263.7	10,500	54.4	262.8	11,100	55.6	260.3	11,900	200	
210	51.1	255.8	8,700	52.1	254.9	9,200	53.3	252.3	9,900	210	
220	48.8	247.2	7,000	49.7	246.3	7,500				220	
230	46.3	237.8	5,500	47.3	236.9	5,900				230	
240	43.7	227.6	4,000	44.7	226.6	4,500				240	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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. FEET
		BOOM ANG. DEG.	JIB POINT FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT 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	30,400*							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	37,000*	51.2	156.9	33,500*	53.6	154.1	27,700*	140	
150	45.3	148.1	33,100*	47.2	147.2	31,500*				150	
160	41.0	137.0	29,700*	42.8	136.0	29,800*				160	
170	36.3	124.0	26,800*							170	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	45,900*	60.2	184.7	39,600*	62.7	182.2	31,600*	120
	130	55.1	178.7	40,600*	56.9	177.8	37,000*	59.3	175.3	29,900*	130
	140	51.6	170.9	36,000*	53.4	170.1	34,800*	55.8	167.3	28,500*	140
	150	48.0	162.1	32,200*	49.8	161.2	32,700*	52.1	158.3	27,200*	150
	160	44.1	152.1	28,800*	45.9	151.1	29,300*				160
170	40.0	140.6	25,900*	41.7	139.5	26,300*				170	
180	35.4	127.1	23,300*							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	52,100*	64.8	202.2	44,100*	67.2	199.8	34,200*	110
	120	60.0	197.3	45,600*	61.8	196.5	41,000*	64.1	194.0	32,300*	120
	130	56.9	190.9	40,300*	58.7	190.1	38,300*	61.0	187.5	30,700*	130
	140	53.7	183.7	35,800*	55.4	182.8	36,000*	57.7	180.2	29,200*	140
	150	50.3	175.6	31,900*	52.1	174.7	32,500*	54.3	171.9	27,900*	150
	160	46.8	166.4	28,500*	48.5	165.5	29,100*				160
170	43.0	156.0	25,600*	44.7	155.0	26,000*				170	
180	39.0	144.0	23,000*							180	
190	34.5	130.1	20,700*							190	
170	50	80.1	234.7	88,000*							50
	55	78.8	233.7	88,000*	80.6	233.0	76,800*				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	59,100*	68.7	218.2	49,100*	71.1	215.9	37,100*	100
	110	64.3	214.2	51,200*	66.0	213.5	45,500*	68.3	211.0	35,000*	110
	120	61.4	208.9	44,800*	63.1	208.1	42,300*	65.4	205.6	33,100*	120
	130	58.5	202.8	39,400*	60.2	202.0	39,600*	62.5	199.5	31,400*	130
	140	55.5	196.1	34,900*	57.2	195.3	35,600*	59.4	192.6	29,900*	140
	150	52.4	188.5	31,000*	54.1	187.7	31,700*	56.2	184.9	28,600*	150
	160	49.1	180.1	27,600*	50.8	179.2	28,200*	52.9	176.3	27,400*	160
	170	45.7	170.6	24,700*	47.3	169.6	25,200*				170
180	42.0	159.8	22,100*	43.6	158.7	22,500*				180	
190	38.1	147.4	19,800*							190	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. COUNTERWEIGHT  
360 DEGREE RATING

### 60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	3 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	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	68,300*	72.3	233.1	54,800*	74.6	230.8	40,300*	90
	95	69.3	231.9	63,100*	71.0	231.2	52,600*	73.3	228.8	39,100*	95
	100	68.0	229.9	58,500*	69.7	229.1	50,500*	71.9	226.7	37,900*	100
	110	65.4	225.4	50,600*	67.1	224.6	46,800*	69.3	222.2	35,700*	110
	120	62.7	220.3	44,100*	64.4	219.5	43,600*	66.6	217.0	33,800*	120
	130	60.0	214.6	38,800*	61.6	213.8	39,700*	63.8	211.2	32,100*	130
	140	57.2	208.3	34,300*	58.8	207.4	35,100*	60.9	204.8	30,600*	140
	150	54.2	201.2	30,400*	55.8	200.3	31,100*	57.9	197.6	29,300*	150
	160	51.2	193.3	27,000*	52.8	192.4	27,600*	54.8	189.5	28,100*	160
	170	48.0	184.5	24,100*	49.6	183.5	24,600*	51.6	180.5	25,300*	170
	180	44.7	174.6	21,500*	46.2	173.6	21,900*				180
	190	41.1	163.5	19,100*	42.6	162.4	19,600*				190
200	37.2	150.7	17,100*							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	80,200*	75.4	247.0	61,400*	77.7	244.7	43,800*	80
	85	72.6	246.2	73,400*	74.2	245.4	58,700*	76.4	243.1	42,300*	85
	90	71.4	244.5	67,500*	73.0	243.7	56,300*	75.2	241.4	41,000*	90
	95	70.2	242.6	62,300*	71.8	241.9	54,000*	74.0	239.5	39,700*	95
	100	69.0	240.7	57,600*	70.5	239.9	51,900*	72.7	237.5	38,600*	100
	110	66.5	236.4	49,700*	68.0	235.6	48,100*	70.2	233.2	36,400*	110
	120	63.9	231.6	43,300*	65.5	230.8	44,400*	67.6	228.3	34,500*	120
	130	61.3	226.2	37,900*	62.9	225.4	38,900*	65.0	222.8	32,800*	130
	140	58.6	220.2	33,400*	60.2	219.4	34,200*	62.3	216.7	31,300*	140
	150	55.9	213.5	29,500*	57.4	212.7	30,300*	59.4	210.0	30,000*	150
	160	53.0	206.1	26,100*	54.6	205.2	26,800*	56.5	202.4	27,700*	160
	170	50.1	197.9	23,200*	51.6	197.0	23,800*	53.5	194.1	24,600*	170
	180	47.0	188.8	20,600*	48.5	187.8	21,100*				180
	190	43.7	178.6	18,300*	45.2	177.5	18,700*				190
200	40.2	167.1	16,200*	41.6	166.0	16,600*				200	
210	36.4	154.0	14,300*							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	87,700*	77.2	258.9	65,800*	79.3	256.6	45,900*	75
	80	74.5	258.2	79,800*	76.0	257.5	62,800*	78.2	255.1	44,400*	80
	85	73.3	256.7	73,100*	74.9	255.9	60,100*	77.0	253.6	43,000*	85
	90	72.2	255.1	67,100*	73.7	254.3	57,600*	75.8	251.9	41,700*	90
	95	71.0	253.3	61,900*	72.5	252.5	55,300*	74.6	250.2	40,400*	95
	100	69.8	251.4	57,300*	71.3	250.7	53,200*	73.4	248.3	39,200*	100
	110	67.4	247.3	49,400*	68.9	246.6	49,400*	71.0	244.1	37,100*	110
	120	65.0	242.7	43,000*	66.5	241.9	44,100*	68.6	239.5	35,200*	120
	130	62.5	237.6	37,600*	64.0	236.8	38,600*	66.1	234.3	33,500*	130
	140	60.0	231.9	33,100*	61.5	231.1	33,900*	63.5	228.5	32,000*	140
	150	57.4	225.6	29,200*	58.9	224.8	30,000*	60.8	222.1	30,600*	150
	160	54.7	218.7	25,800*	56.2	217.8	26,500*	58.1	215.0	27,400*	160
	170	51.9	211.0	22,900*	53.4	210.0	23,500*	55.3	207.2	24,300*	170
	180	49.0	202.4	20,200*	50.5	201.5	20,800*	52.3	198.5	21,600*	180
	190	46.0	193.0	17,900*	47.4	192.0	18,400*				190
	200	42.8	182.4	15,900*	44.2	181.4	16,300*				200
210	39.4	170.6	14,000*							210	
220	35.7	157.1	12,300*							220	



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## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	84,400	79.3	310.4	72,100*				75
	80	77.0	310.0	76,500	78.3	309.2	69,100*	80.1	306.8	47,100*	80
	85	76.1	308.7	69,700	77.4	307.9	66,400*	79.2	305.5	45,800*	85
	90	75.1	307.4	63,800	76.4	306.6	63,800*	78.2	304.2	44,500*	90
	95	74.2	305.9	58,600	75.4	305.1	60,400	77.2	302.7	43,300*	95
	100	73.2	304.4	53,900	74.5	303.6	56,600	76.3	301.1	42,100*	100
	110	71.2	301.0	46,000	72.5	300.2	47,500	74.3	297.8	40,000*	110
	120	69.3	297.3	39,500	70.5	296.5	40,900	72.3	294.0	38,200*	120
130	67.3	293.2	34,100	68.5	292.3	35,400	70.3	289.8	36,500*	130	
140	65.2	288.6	29,600	66.5	287.8	30,700	68.2	285.2	32,200	140	
150	63.2	283.6	25,700	64.4	282.8	26,700	66.1	280.1	28,000	150	
160	61.1	278.1	22,300	62.3	277.3	23,200	64.0	274.6	24,400	160	
170	58.9	272.2	19,300	60.2	271.3	20,200	61.8	268.5	21,300	170	
180	56.7	265.7	16,700	57.9	264.8	17,500	59.6	262.0	18,500	180	
190	54.4	258.7	14,400	55.7	257.7	15,100	57.3	254.8	16,000	190	
200	52.1	251.0	12,300	53.3	250.0	13,000	54.9	247.0	13,800	200	
210	49.7	242.6	10,500	50.9	241.7	11,000	52.4	238.5	11,800	210	
220	47.2	233.5	8,800	48.4	232.5	9,300				220	
230	44.6	223.6	7,200	45.8	222.5	7,700				230	
240	41.9	212.7	5,800	43.0	211.5	6,300				240	
250	39.0	200.6	4,500							250	
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	83,800	79.6	320.6	73,300*				75
	80	77.4	320.3	75,900	78.7	319.5	70,300*	80.5	317.1	47,600*	80
	85	76.5	319.0	69,100	77.8	318.3	67,500*	79.5	315.8	46,200*	85
	90	75.6	317.7	63,200	76.9	317.0	65,000*	78.6	314.5	45,000*	90
	95	74.7	316.3	57,900	75.9	315.6	59,800	77.7	313.1	43,800*	95
	100	73.7	314.9	53,300	75.0	314.1	55,100	76.7	311.6	42,700*	100
	110	71.9	311.6	45,400	73.1	310.8	46,900	74.8	308.3	40,600*	110
	120	69.9	308.0	38,900	71.2	307.2	40,300	72.9	304.7	38,700*	120
	130	68.0	304.0	33,500	69.3	303.2	34,800	70.9	300.6	36,500	130
140	66.1	299.6	28,900	67.3	298.8	30,100	68.9	296.2	31,600	140	
150	64.1	294.8	25,000	65.3	294.0	26,100	66.9	291.3	27,500	150	
160	62.1	289.6	21,700	63.3	288.7	22,600	64.9	286.0	23,900	160	
170	60.0	283.9	18,700	61.2	283.0	19,600	62.8	280.3	20,700	170	
180	57.9	277.7	16,100	59.1	276.8	16,900	60.7	274.0	17,900	180	
190	55.7	271.0	13,800	56.9	270.0	14,500	58.5	267.2	15,500	190	
200	53.5	263.7	11,700	54.7	262.7	12,400	56.2	259.7	13,200	200	
210	51.2	255.7	9,800	52.4	254.8	10,400	53.9	251.7	11,200	210	
220	48.9	247.2	8,100	50.0	246.1	8,700	51.5	243.0	9,400	220	
230	46.4	237.8	6,600	47.6	236.7	7,100				230	
240	43.8	227.6	5,200	45.0	226.5	5,600				240	
250				42.3	215.2	4,300				250	
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	83,100	79.9	330.9	74,400*				75
	80	77.8	330.5	75,200	79.1	329.8	71,400*	80.8	327.3	48,000*	80
	85	76.9	329.3	68,400	78.2	328.6	68,600*	79.9	326.1	46,700*	85
	90	76.0	328.1	62,400	77.3	327.3	64,500	78.9	324.8	45,400*	90
	95	75.1	326.7	57,200	76.4	325.9	59,100	78.0	323.5	44,300*	95
	100	74.2	325.3	52,500	75.5	324.5	54,400	77.1	322.0	43,100*	100
	110	72.4	322.2	44,600	73.6	321.4	46,200	75.3	318.9	41,100*	110
	120	70.6	318.7	38,100	71.8	317.9	39,600	73.4	315.3	39,200*	120
	130	68.7	314.8	32,700	69.9	314.0	34,000	71.5	311.5	35,800	130
140	66.8	310.6	28,100	68.0	309.8	29,300	69.6	307.2	31,000	140	
150	64.9	306.0	24,200	66.1	305.1	25,300	67.7	302.5	26,800	150	
160	63.0	300.9	20,800	64.2	300.1	21,800	65.7	297.4	23,200	160	
170	61.0	295.5	17,900	62.2	294.6	18,800	63.7	291.8	20,000	170	
180	59.0	289.5	15,300	60.1	288.6	16,100	61.7	285.8	17,200	180	
190	56.9	283.1	12,900	58.1	282.2	13,700	59.6	279.3	14,700	190	
200	54.8	276.1	10,900	55.9	275.2	11,600	57.4	272.2	12,500	200	
210	52.6	268.6	9,000	53.8	267.6	9,600	55.2	264.6	10,500	210	
220	50.4	260.4	7,300	51.5	259.4	7,900	53.0	256.3	8,700	220	
230	48.1	251.6	5,800	49.2	250.5	6,300				230	
240	45.7	242.0	4,300	46.8	240.9	4,800				240	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	27,000*	42.0	139.5	24,700*				170	
180	35.4	127.1	24,400*							180	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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*	80.8	268.2	48,100*	70
	75	76.2	270.0	86,900	77.7	269.2	67,200*	79.7	266.9	46,500*	75
	80	75.1	268.6	79,100	76.5	267.9	64,200*	78.6	265.5	45,000*	80
	85	74.0	267.2	72,300	75.4	266.4	61,400*	77.5	264.0	43,600*	85
	90	72.8	265.6	66,300	74.3	264.8	58,900*	76.4	262.5	42,300*	90
	95	71.7	263.9	61,100	73.2	263.1	56,600*	75.2	260.8	41,000*	95
	100	70.6	262.1	56,500	72.1	261.3	54,500*	74.1	258.9	39,900*	100
	110	68.3	258.2	48,600	69.8	257.4	49,900	71.8	255.0	37,700*	110
	120	66.0	253.8	42,100	67.5	253.0	43,300	69.4	250.5	35,800*	120
	130	63.6	248.9	36,800	65.1	248.1	37,800	67.0	245.6	34,100*	130
	140	61.2	243.5	32,200	62.7	242.7	33,200	64.6	240.1	32,600*	140
	150	58.7	237.5	28,300	60.2	236.7	29,200	62.1	234.0	30,300	150
160	56.2	230.9	25,000	57.6	230.1	26,700	59.5	227.3	26,700	160	
170	53.6	223.7	22,000	55.0	222.8	22,700	56.8	219.9	23,600	170	
180	50.9	215.7	19,400	52.3	214.7	20,000	54.1	211.8	20,800	180	
190	48.0	206.9	17,100	49.4	205.9	17,600	51.2	202.8	18,300	190	
200	45.1	197.1	15,000	46.4	196.1	15,500				200	
210	41.9	186.2	13,100	43.3	185.1	13,600				210	
220	38.6	174.0	11,500							220	
230	35.0	160.2	9,900							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	86,300	78.1	279.6	68,500*	80.1	277.2	47,100*	75
	80	75.6	279.0	78,400	77.0	278.3	65,500*	79.0	275.9	45,600*	80
	85	74.5	277.6	71,700	76.0	276.8	62,700*	78.0	274.5	44,200*	85
	90	73.5	276.1	65,700	74.9	275.3	60,200*	76.9	272.9	42,900*	90
	95	72.4	274.5	60,500	73.8	273.7	57,900*	75.8	271.3	41,600*	95
	100	71.3	272.7	55,900	72.7	272.0	55,700*	74.7	269.6	40,500*	100
	110	69.1	269.0	48,000	70.5	268.2	49,300	72.5	265.7	38,300*	110
	120	66.9	264.8	41,500	68.3	264.0	42,700	70.2	261.5	36,400*	120
	130	64.7	260.1	36,100	66.1	259.3	37,200	67.9	256.7	34,700*	130
	140	62.3	254.9	31,600	63.7	254.1	32,600	65.6	251.5	33,200*	140
	150	60.0	249.2	27,700	61.4	248.4	28,600	63.2	245.7	29,800	150
160	57.6	243.0	24,300	59.0	242.1	25,100	60.8	239.4	26,200	160	
170	55.1	236.1	21,400	56.5	235.2	22,100	58.2	232.4	23,000	170	
180	52.5	228.6	18,800	53.9	227.6	19,400	55.6	224.7	20,300	180	
190	49.9	220.3	16,400	51.2	219.3	17,000	52.9	216.3	17,800	190	
200	47.1	211.2	14,400	48.4	210.2	14,900				200	
210	44.2	201.1	12,500	45.5	200.0	13,000				210	
220	41.1	189.9	10,800	42.4	188.8	11,200				220	
230	37.8	177.4	9,300							230	
240	34.3	163.3	7,900							240	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	85,500	78.5	289.9	69,700*	80.5	287.5	47,600*	75
	80	76.1	289.4	77,700	77.5	288.6	66,700*	79.4	286.2	46,100*	80
	85	75.1	288.0	70,900	76.5	287.2	64,000*	78.4	284.8	44,700*	85
	90	74.1	286.5	64,900	75.4	285.8	61,500*	77.4	283.4	43,400*	90
	95	73.0	285.0	59,700	74.4	284.2	59,100*	76.3	281.8	42,200*	95
	100	72.0	283.3	55,100	73.4	282.6	56,700	75.3	280.1	41,000*	100
	110	69.9	279.7	47,100	71.3	278.9	48,600	73.1	276.5	38,900*	110
	120	67.8	275.7	40,700	69.1	274.9	42,000	71.0	272.4	37,000*	120
	130	65.6	271.2	35,300	66.9	270.4	36,500	68.8	267.8	35,300*	130
	140	63.4	266.3	30,800	64.7	265.4	31,800	66.5	262.8	33,200	140
	150	61.1	260.8	26,900	62.5	260.0	27,800	64.3	257.3	29,000	150
	160	58.8	254.9	23,500	60.2	254.0	24,300	61.9	251.3	25,500	160
	170	56.5	248.3	20,500	57.8	247.4	21,300	59.5	244.6	22,300	170
	180	54.0	241.2	17,900	55.4	240.3	18,600	57.1	237.4	19,500	180
	190	51.5	233.4	15,600	52.8	232.4	16,200	54.5	229.4	17,100	190
	200	48.9	224.8	13,500	50.2	223.8	14,100	51.9	220.7	14,800	200
	210	46.2	215.4	11,700	47.5	214.4	12,200				210
	220	43.4	205.0	10,000	44.6	203.9	10,400				220
	230	40.4	193.6	8,400	41.6	192.4	8,800				230
	240	37.2	180.7	7,000							240
	240	60	80.5	304.0	88,000*						
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	85,100	78.9	300.1	71,000*	80.8	297.7	48,100*	75
80		76.6	299.7	77,300	77.9	298.9	68,000*	79.8	296.5	46,600*	80
85		75.6	298.4	70,500	76.9	297.6	65,200*	78.8	295.2	45,200*	85
90		74.6	297.0	64,600	75.9	296.2	62,700*	77.8	293.8	44,000*	90
95		73.6	295.5	59,300	74.9	294.7	60,300*	76.8	292.3	42,700*	95
100		72.6	293.9	54,700	73.9	293.1	56,300	75.8	290.7	41,600*	100
110		70.6	290.4	46,800	71.9	289.6	48,200	73.7	287.1	39,500*	110
120		68.5	286.5	40,300	69.9	285.7	41,600	71.7	283.2	37,600*	120
130		66.5	282.2	34,900	67.8	281.4	36,100	69.5	278.8	35,900*	130
140		64.3	277.5	30,400	65.6	276.6	31,400	67.4	274.0	32,900	140
150		62.2	272.3	26,500	63.5	271.4	27,400	65.2	268.8	28,700	150
160		60.0	266.6	23,100	61.3	265.7	24,000	63.0	263.0	25,100	160
170		57.7	260.3	20,100	59.0	259.5	20,900	60.7	256.7	22,000	170
180		55.4	253.5	17,500	56.7	252.6	18,300	58.4	249.8	19,200	180
190		53.1	246.1	15,200	54.3	245.2	15,900	55.9	242.2	16,700	190
200		50.6	238.0	13,100	51.9	237.1	13,700	53.5	234.0	14,500	200
210		48.0	229.2	11,300	49.3	228.2	11,800				210
220		45.4	219.5	9,600	46.6	218.5	10,100				220
230		42.6	208.9	8,100	43.8	207.8	8,500				230
240		39.6	197.1	6,600							240
250		36.5	184.0	5,400							250

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	32,400*	52.4	174.7	28,700*	55.5	172.8	23,500*	150
	160	46.8	166.4	29,100*	48.8	165.5	27,100*	51.9	163.6	22,400*	160
	170	43.1	156.0	26,100*	45.0	155.0	25,700*				170
180	39.0	144.1	23,500*	41.0	142.9	24,000*				180	
190	34.5	130.1	21,200*							190	
160	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	36,000*	57.5	195.3	31,700*	60.5	193.4	25,300*	140	
150	52.4	188.6	32,100*	54.4	187.7	29,800*	57.3	185.8	24,100*	150	
160	49.1	180.1	28,800*	51.1	179.2	28,100*	54.0	177.3	23,100*	160	
170	45.7	170.6	25,800*	47.6	169.6	26,400*				170	
180	42.0	159.8	23,200*	43.9	158.7	23,700*				180	
190	38.1	147.5	20,900*							190	
200	33.7	133.1	18,900*							200	
170	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	39,700*	61.9	213.8	34,900*	64.8	211.9	27,300*	130	
140	57.2	208.3	35,100*	59.1	207.4	32,700*	62.0	205.5	26,000*	140	
150	54.3	201.2	31,300*	56.1	200.3	30,800*	59.0	198.4	24,700*	150	
160	51.2	193.3	27,900*	53.1	192.4	28,600*	55.9	190.4	23,700*	160	
170	48.0	184.5	25,000*	49.9	183.5	25,600*	52.7	181.6	22,700*	170	
180	44.7	174.6	22,400*	46.5	173.6	22,900*				180	
190	41.1	163.5	20,000*	42.9	162.4	20,500*				190	
200	37.2	150.8	18,000*							200	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. COUNTERWEIGHT  
360 DEGREE RATING

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

### 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	50,800*	68.3	235.6	41,500*	71.2	233.6	31,200*	110
	120	63.9	231.6	44,400*	65.8	230.8	38,500*	68.6	228.8	29,500*	120
	130	61.3	226.2	39,000*	63.2	225.4	36,000*	66.0	223.4	27,900*	130
	140	58.7	220.2	34,500*	60.5	219.3	33,800*	63.3	217.4	26,600*	140
	150	55.9	213.5	30,600*	57.7	212.7	31,500*	60.5	210.7	25,300*	150
	160	53.1	206.2	27,300*	54.9	205.2	28,000*	57.6	203.3	24,200*	160
	170	50.1	197.9	24,300*	51.9	197.0	25,000*	54.6	195.0	23,200*	170
	180	47.0	188.8	21,700*	48.8	187.8	22,300*	51.4	185.8	22,300*	180
	190	43.7	178.6	19,400*	45.5	177.5	19,900*				190
	200	40.2	167.1	17,300*	41.9	165.9	17,800*				200
210	36.4	154.0	15,500*							210	
191	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	57,900*	71.6	250.7	46,000*	74.4	248.6	33,800*	100
	110	67.4	247.4	50,000*	69.2	246.5	42,600*	72.0	244.5	31,800*	110
	120	65.0	242.8	43,600*	66.8	241.9	39,600*	69.5	239.9	30,100*	120
	130	62.5	237.6	38,200*	64.3	236.8	37,100*	67.0	234.8	28,500*	130
	140	60.0	231.9	33,700*	61.8	231.1	34,600*	64.4	229.1	27,100*	140
	150	57.4	225.6	29,800*	59.1	224.8	30,700*	61.8	222.7	25,900*	150
	160	54.7	218.7	26,400*	56.5	217.8	27,200*	59.1	215.7	24,800*	160
	170	51.9	211.0	23,400*	53.7	210.0	24,200*	56.2	208.0	23,800*	170
	180	49.0	202.5	20,800*	50.7	201.5	21,500*	53.3	199.4	22,300*	180
	190	46.0	193.0	18,500*	47.7	192.0	19,100*				190
	200	42.8	182.5	16,500*	44.5	181.4	17,000*				200
	210	39.4	170.6	14,600*	41.0	169.4	15,000*				210
220	35.7	157.2	12,900*							220	
200	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	62,200*	73.5	263.1	49,100*	76.1	261.0	35,400*	95
	100	70.6	262.1	57,500*	72.3	261.3	47,200*	75.0	259.2	34,300*	100
	110	68.3	258.2	49,600*	70.1	257.4	43,700*	72.7	255.3	32,400*	110
	120	66.0	253.8	43,200*	67.7	253.0	40,700*	70.3	250.9	30,600*	120
	130	63.7	248.9	37,800*	65.4	248.1	38,100*	67.9	246.0	29,100*	130
	140	61.2	243.5	33,300*	62.9	242.7	34,300*	65.5	240.6	27,700*	140
	150	58.8	237.5	29,400*	60.4	236.7	30,300*	63.0	234.6	26,500*	150
	160	56.2	230.9	26,000*	57.9	230.0	26,900*	60.4	228.0	25,300*	160
	170	53.6	223.7	23,100*	55.3	222.8	23,800*	57.8	220.7	24,300*	170
	180	50.9	215.7	20,500*	52.5	214.7	21,200*	55.0	212.6	22,100*	180
	190	48.0	206.9	18,200*	49.7	205.9	18,800*	52.1	203.7	19,600*	190
	200	45.1	197.1	16,100*	46.7	196.0	16,600*				200
	210	41.9	186.2	14,200*	43.5	185.1	14,700*				210
220	38.6	174.1	12,600*							220	
230	35.0	160.3	11,000*							230	

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE JIB CAPACITIES

MEETS  
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4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	66,600	75.2	275.3	52,400*	77.7	273.2	37,000*	90
	95	72.4	274.5	61,400	74.1	273.7	50,200*	76.7	271.5	35,900*	95
	100	71.3	272.8	56,700	73.0	272.0	48,300*	75.6	269.8	34,800*	100
	110	69.1	269.0	48,800	70.8	268.2	44,800*	73.4	266.1	32,900*	110
	120	66.9	264.8	42,400	68.6	264.0	41,800*	71.1	261.9	31,200*	120
	130	64.7	260.1	37,000	66.3	259.3	38,200	68.8	257.2	29,600*	130
	140	62.4	255.0	32,500	64.0	254.1	33,600	66.5	252.0	28,200*	140
	150	60.0	249.3	28,600	61.6	248.4	29,600	64.1	246.3	27,000*	150
	160	57.6	243.0	25,200	59.2	242.1	26,100	61.7	240.0	25,900*	160
	170	55.1	236.1	22,300	56.7	235.2	23,100	59.1	233.1	24,100	170
	180	52.5	228.6	19,600	54.1	227.6	20,400	56.5	225.5	21,300	180
	190	49.9	220.3	17,300	51.5	219.3	18,000	53.8	217.2	18,900	190
	200	47.1	211.2	15,300	48.7	210.1	15,900	51.0	208.0	16,600	200
	210	44.2	201.1	13,400	45.8	200.0	13,900				210
	220	41.1	190.0	11,700	42.7	188.8	12,200				220
	230	37.9	177.4	10,200							230
	240	34.3	163.3	8,800							240
220	60	80.2	293.9	88,000*	80.8	292.1	67,400*				60
	65	79.2	292.9	88,000*	79.8	291.0	64,100*				65
	70	78.2	291.8	88,000*	78.8	289.8	61,100*				70
	75	77.2	290.6	84,200*	77.8	288.6	58,300*	80.3	286.4	40,000*	75
	80	76.1	289.4	78,700	76.7	287.2	55,800*	79.2	285.0	38,700*	80
	85	75.1	288.0	71,900	75.7	285.8	53,500*	78.2	283.6	37,500*	85
	90	74.1	286.6	66,000	74.7	284.2	51,300*	77.1	282.0	36,400*	90
	95	73.0	285.0	60,700	73.6	282.5	49,400*	76.1	280.4	35,300*	95
	100	72.0	283.4	56,100	71.5	278.9	45,800*	74.0	276.8	33,400*	100
	110	69.9	279.7	48,200	69.4	274.9	42,800*	71.8	272.7	31,700*	110
	120	67.8	275.7	41,800	67.2	270.4	37,600	69.6	268.3	30,200*	120
	130	65.6	271.2	36,400	65.0	265.4	33,000	67.4	263.3	28,800*	130
	140	63.4	266.3	31,800	62.7	260.0	29,000	65.1	257.8	27,500*	140
	150	61.2	260.8	27,900	60.4	254.0	25,500	62.8	251.9	26,400*	150
	160	58.9	254.9	24,600	58.0	247.4	22,500	60.4	245.3	23,600	160
	170	56.5	248.3	21,600	55.6	240.2	19,800	57.9	238.1	20,800	170
	180	54.1	241.2	19,000	53.1	232.4	17,400	55.4	230.2	18,300	180
	190	51.6	233.4	16,700	50.5	223.8	15,200	52.7	221.6	16,100	190
	200	48.9	224.8	14,600	47.7	214.3	13,300				200
	210	46.2	215.4	12,700	44.9	203.9	11,600				210
	220	43.4	205.1	11,100	41.9	192.4	10,000				220
	230	40.4	193.6	9,500							230
	240	37.2	180.8	8,100							240
	250	33.7	166.3	6,800							250

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	85,800	79.2	300.1	62,200*				75
	80	76.6	299.7	77,900	78.2	298.9	59,400*	80.6	296.7	40,400*	80
	85	75.6	298.4	71,100	77.2	297.6	56,900*	79.6	295.4	39,200*	85
	90	74.6	297.0	65,200	76.2	296.2	54,600*	78.6	294.0	38,000*	90
	95	73.6	295.5	60,000	75.2	294.7	52,400*	77.6	292.5	36,900*	95
	100	72.6	293.9	55,300	74.2	293.1	50,400*	76.6	290.9	35,800*	100
	110	70.6	290.4	47,400	72.2	289.6	46,900*	74.5	287.4	33,900*	110
	120	68.6	286.5	40,900	70.1	285.7	42,400	72.5	283.5	32,200*	120
	130	66.5	282.2	35,600	68.0	281.4	36,900	70.4	279.2	30,700*	130
	140	64.4	277.5	31,000	65.9	276.6	32,200	68.2	274.5	29,300*	140
	150	62.2	272.3	27,100	63.7	271.4	28,200	66.0	269.3	28,000*	150
	160	60.0	266.6	23,700	61.5	265.7	24,700	63.8	263.5	26,000*	160
	170	57.8	260.4	20,800	59.3	259.4	21,700	61.8	257.3	22,900	170
	180	55.4	253.6	18,200	56.9	252.6	19,000	59.2	250.5	20,100	180
	190	53.1	246.2	15,800	54.6	245.2	16,600	56.8	243.0	17,600	190
	200	50.6	238.1	13,800	52.1	237.1	14,400	54.3	234.9	15,300	200
	210	48.1	229.2	11,900	49.5	228.2	12,500	51.7	226.0	13,300	210
220	45.4	219.6	10,200	46.9	218.5	10,800				220	
230	42.6	208.9	8,700	44.1	207.8	9,200				230	
240	39.7	197.1	7,300	41.1	195.9	7,700				240	
250	36.5	184.0	6,000							250	
240	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	85,400	79.5	310.4	63,200*				75
	80	77.0	310.0	77,500	78.6	309.2	60,500*	80.9	306.9	40,900*	80
	85	76.1	308.7	70,700	77.6	307.9	57,900*	80.0	305.7	39,600*	85
	90	75.1	307.4	64,800	76.6	306.6	55,600*	79.0	304.3	38,400*	90
	95	74.2	305.9	59,600	75.7	305.1	53,500*	78.0	302.9	37,300*	95
	100	73.2	304.4	54,900	74.7	303.6	51,500*	77.0	301.3	36,300*	100
	110	71.3	301.0	47,000	72.8	300.2	47,900*	75.1	298.0	34,400*	110
	120	69.3	297.3	40,500	70.8	296.5	42,100	73.1	294.3	32,700*	120
	130	67.3	293.2	35,200	68.8	292.3	36,500	71.0	290.1	31,200*	130
	140	65.3	288.6	30,600	66.7	287.7	31,800	69.0	285.6	29,800*	140
	150	63.2	283.6	26,700	64.7	282.7	27,800	66.9	280.6	28,500*	150
	160	61.1	278.2	23,300	62.5	277.3	24,400	64.8	275.1	25,700	160
	170	58.9	272.2	20,400	60.4	271.3	21,300	62.6	269.1	22,600	170
	180	56.7	265.7	17,800	58.2	264.8	18,600	60.4	262.6	19,800	180
	190	54.5	258.7	15,500	55.9	257.7	16,200	58.1	255.5	17,300	190
	200	52.1	251.0	13,400	53.6	250.0	14,100	55.7	247.8	15,000	200
	210	49.7	242.7	11,500	51.1	241.6	12,200	53.3	239.4	13,000	210
220	47.2	233.6	9,800	48.6	232.5	10,400				220	
230	44.6	223.6	8,300	46.0	222.5	8,800				230	
240	41.9	212.7	6,900	43.3	211.5	7,400				240	
250	39.0	200.6	5,600							250	
260	35.9	187.2	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 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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*	80.8	321.7	67,300*				65
	70	79.3	322.5	88,000*							70
	75	78.4	321.4	84,600	79.9	320.6	64,300*				75
	80	77.5	320.3	76,800	78.9	319.5	61,500*				80
	85	76.5	319.1	70,000	78.0	318.2	59,000*	80.3	316.0	40,000*	85
	90	75.6	317.8	64,000	77.1	316.9	56,600*	79.3	314.7	38,900*	90
	95	74.7	316.4	58,800	76.1	315.5	54,500*	78.4	313.3	37,800*	95
	100	73.7	314.9	54,100	75.2	314.0	52,500*	77.5	311.8	36,800*	100
	110	71.9	311.6	46,200	73.3	310.8	48,000	75.6	308.6	34,900*	110
	120	70.0	308.0	39,800	71.4	307.2	41,300	73.6	305.0	33,200*	120
	130	68.0	304.0	34,400	69.5	303.2	35,800	71.7	301.0	31,600*	130
	140	66.1	299.7	29,800	67.5	298.8	31,100	69.7	296.6	30,200*	140
	150	64.1	294.8	25,900	65.5	294.0	27,100	67.7	291.8	28,700	150
	160	62.1	289.6	22,500	63.5	288.7	23,600	65.7	286.5	25,000	160
	170	60.0	283.9	19,600	61.4	283.0	20,500	63.6	280.8	21,900	170
	180	57.9	277.7	17,000	59.3	276.8	17,900	61.4	274.6	19,100	180
	190	55.7	271.0	14,600	57.1	270.0	15,500	59.3	267.8	16,600	190
	200	53.5	263.7	12,600	54.9	262.7	13,300	57.0	260.5	14,300	200
	210	51.2	255.8	10,700	52.6	254.7	11,400	54.7	252.5	12,300	210
	220	48.9	247.2	9,000	50.3	246.1	9,600	52.3	243.8	10,400	220
230	46.4	237.8	7,500	47.8	236.7	8,000				230	
240	43.9	227.6	6,100	45.2	226.5	6,600				240	
250	41.2	216.4	4,800	42.5	215.2	5,200				250	
200	65	80.5	333.6	88,000*							65
	70	79.6	332.7	88,000*							70
	75	78.7	331.6	84,000	80.2	330.8	65,300*				75
	80	77.8	330.5	76,200	79.3	329.7	62,500*				80
	85	77.0	329.4	69,400	78.4	328.5	60,000*	80.6	326.2	40,400*	85
	90	76.1	328.1	63,400	77.5	327.3	57,600*	79.7	325.0	39,300*	90
	95	75.2	326.7	58,200	76.6	325.9	55,400*	78.8	323.6	38,200*	95
	100	74.3	325.3	53,500	75.7	324.5	53,400*	77.9	322.2	37,200*	100
	110	72.4	322.2	45,600	73.8	321.3	47,400	76.0	319.1	35,300*	110
	120	70.6	318.7	39,100	72.0	317.9	40,800	74.2	315.6	33,600*	120
	130	68.7	314.9	33,700	70.1	314.0	35,200	72.3	311.8	32,100*	130
	140	66.9	310.6	29,200	68.2	309.8	30,500	70.4	307.5	30,700*	140
	150	64.9	306.0	25,300	66.3	305.1	26,500	68.4	302.9	28,100	150
	160	63.0	301.0	21,900	64.4	300.1	23,000	66.5	297.8	24,500	160
	170	61.0	295.5	18,900	62.4	294.6	19,900	64.5	292.3	21,300	170
	180	59.0	289.5	16,300	60.4	288.6	17,200	62.4	286.4	18,500	180
	190	56.9	283.1	14,000	58.3	282.1	14,800	60.3	279.9	16,000	190
	200	54.8	276.1	11,900	56.2	275.2	12,700	58.2	272.9	13,700	200
	210	52.6	268.6	10,000	54.0	267.6	10,800	56.0	265.3	11,700	210
	220	50.4	260.4	8,300	51.7	259.4	9,000	53.7	257.1	9,900	220
230	48.1	251.6	6,800	49.4	250.5	7,400	51.4	248.2	8,200	230	
240	45.7	242.0	5,400	47.0	240.9	6,000				240	
250	43.2	231.5	4,100	44.5	230.3	4,600				250	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	75,600*	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	78,900*	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	201.4	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	80,000*	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 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	80,000*							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	23,700*	44.1	158.8	21,600*				180
	190	38.0	147.5	21,400*	40.1	146.4	20,600*				190
200	33.6	133.2	19,400*							200	
160	50	80.4	244.9	80,000*							50
	55	79.2	243.9	80,000*							55
	60	78.0	242.8	78,100*	80.2	242.1	58,700*				60
	65	76.8	241.6	74,400*	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	26,000*	50.1	183.6	23,700*	53.3	181.6	19,500*	170
	180	44.6	174.7	23,400*	46.7	173.7	22,500*				180
	190	41.0	163.5	21,100*	43.1	162.5	21,300*				190
200	37.1	150.8	19,000*							200	
210	32.9	136.1	17,200*							210	
170	50	80.8	255.1	80,000*							50
	55	79.6	254.1	80,000*							55
	60	78.5	253.1	78,700*	80.6	252.4	60,000*				60
	65	77.3	251.9	77,100*	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	31,400*	57.9	212.7	27,600*	61.0	210.7	22,000*	150
	160	52.9	206.2	28,100*	55.0	205.3	26,000*	58.1	203.3	20,900*	160
	170	50.0	198.0	25,100*	52.0	197.1	24,500*	55.1	195.0	20,000*	170
	180	46.9	188.9	22,500*	48.9	187.9	23,200*	52.0	185.8	19,200*	180
	190	43.6	178.6	20,200*	45.6	177.6	20,800*				190
200	40.1	167.1	18,200*	42.1	166.1	18,700*				200	
210	36.3	154.1	16,300*							210	

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	79,700*	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	34,700*	61.9	231.2	30,300*	65.0	229.1	23,700*	140
	150	57.3	225.7	30,800*	59.3	224.8	28,500*	62.3	222.8	22,500*	150
	160	54.6	218.7	27,400*	56.6	217.8	26,800*	59.6	215.7	21,500*	160
	170	51.8	211.0	24,500*	53.8	210.1	25,200*	56.8	208.0	20,500*	170
	180	48.9	202.5	21,900*	50.9	201.6	22,600*	53.8	199.4	19,600*	180
	190	45.9	193.1	19,600*	47.9	192.1	20,200*	50.8	189.9	18,900*	190
	200	42.7	182.5	17,500*	44.6	181.5	18,100*				200
210	39.3	170.7	15,700*	41.2	169.5	16,100*				210	
220	35.6	157.2	14,000*							220	
190	55	80.4	274.5	80,000*							55
	60	79.3	273.5	80,000*							60
	65	78.3	272.5	80,000*	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	43,700*	67.9	253.1	35,800*	70.9	250.9	27,000*	120
	130	63.5	249.0	38,300*	65.5	248.2	33,400*	68.5	246.0	25,500*	130
	140	61.1	243.6	33,800*	63.1	242.7	31,200*	66.0	240.6	24,200*	140
	150	58.7	237.6	29,900*	60.6	236.7	29,400*	63.5	234.6	23,000*	150
	160	56.1	231.0	26,600*	58.1	230.1	27,500*	60.9	228.0	22,000*	160
	170	53.5	223.7	23,600*	55.4	222.8	24,400*	58.3	220.7	21,000*	170
	180	50.8	215.7	21,000*	52.7	214.8	21,800*	55.5	212.6	20,100*	180
	190	47.9	206.9	18,700*	49.8	205.9	19,400*	52.7	203.7	19,300*	190
	200	45.0	197.2	16,600*	46.9	196.1	17,200*				200
210	41.8	186.3	14,800*	43.7	185.2	15,300*				210	
220	38.5	174.1	13,100*	40.3	173.0	13,600*				220	
230	34.9	160.3	11,600*							230	
200	55	80.8	284.6	80,000*							55
	60	79.7	283.7	80,000*							60
	65	78.7	282.7	80,000*	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	43,300*	68.7	264.0	36,800*	71.6	261.9	27,500*	120
	130	64.6	260.2	38,000*	66.5	259.4	34,300*	69.3	257.2	26,000*	130
	140	62.3	255.0	33,400*	64.1	254.2	32,100*	67.0	252.0	24,700*	140
	150	59.9	249.3	29,600*	61.8	248.5	30,200*	64.6	246.3	23,500*	150
	160	57.5	243.0	26,200*	59.4	242.2	27,100*	62.2	240.0	22,400*	160
	170	55.0	236.2	23,200*	56.9	235.3	24,100*	59.6	233.1	21,500*	170
	180	52.4	228.6	20,700*	54.3	227.7	21,400*	57.0	225.5	20,600*	180
	190	49.8	220.3	18,300*	51.6	219.4	19,000*	54.3	217.2	19,800*	190
	200	47.0	211.2	16,300*	48.8	210.2	16,900*	51.5	208.0	17,700*	200
210	44.1	201.2	14,400*	45.9	200.1	15,000*				210	
220	41.0	190.0	12,700*	42.8	188.9	13,200*				220	
230	37.8	177.5	11,200*							230	
240	34.2	163.4	9,800*							240	

# MANITOWOC ENGINEERING CO.

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## LIFT CRANE JIB CAPACITIES

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REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	75,800*	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	49,000*	71.6	279.0	40,600*	74.5	276.7	29,600*	110
	120	67.7	275.7	42,500*	69.5	274.9	37,700*	72.3	272.7	28,000*	120
	130	65.5	271.3	37,200*	67.3	270.4	35,200*	70.1	268.2	26,500*	130
	140	63.3	266.3	32,600*	65.1	265.5	33,000*	67.9	263.3	25,200*	140
	150	61.1	260.9	28,700*	62.9	260.0	29,800*	65.6	257.8	24,000*	150
	160	58.8	254.9	25,400*	60.6	254.0	26,400*	63.3	251.8	22,900*	160
	170	56.4	248.4	22,400*	58.2	247.5	23,300*	60.9	245.3	21,900*	170
180	54.0	241.2	19,800*	55.8	240.3	20,700*	58.4	238.1	21,000*	180	
190	51.5	233.4	17,500*	53.2	232.5	18,300*	55.9	230.2	19,300*	190	
200	48.9	224.9	15,400*	50.6	223.9	16,100*	53.2	221.6	17,000*	200	
210	46.1	215.5	13,600*	47.9	214.4	14,200*	50.5	212.1	15,000*	210	
220	43.3	205.1	11,900*	45.0	204.0	12,400*				220	
230	40.3	193.6	10,300*	42.0	192.5	10,900*				230	
240	37.1	180.8	8,900*							240	
250	33.6	166.3	7,700*							250	
220	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	78,000*	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	60,900*	75.3	294.7	46,700*	78.1	292.4	32,900*	95
	100	72.5	293.9	56,200*	74.3	293.1	44,800*	77.0	290.8	31,900*	100
	110	70.5	290.5	48,300*	72.3	289.7	41,500*	75.0	287.4	30,100*	110
	120	68.5	286.6	41,900*	70.2	285.8	38,600*	72.9	283.5	28,400*	120
	130	66.4	282.3	36,500*	68.1	281.5	36,100*	70.8	279.2	27,000*	130
	140	64.3	277.5	32,000*	66.0	276.7	33,300*	68.7	274.4	25,600*	140
	150	62.1	272.3	28,100*	63.9	271.5	29,300*	66.5	269.2	24,500*	150
	160	59.9	266.6	24,700*	61.7	265.8	25,800*	64.3	263.5	23,400*	160
	170	57.7	260.4	21,800*	59.4	259.5	22,700*	62.0	257.3	22,400*	170
180	55.4	253.6	19,200*	57.1	252.7	20,000*	59.7	250.4	21,200*	180	
190	53.0	246.2	16,800*	54.7	245.3	17,700*	57.3	243.0	18,700*	190	
200	50.5	238.1	14,800*	52.2	237.1	15,500*	54.8	234.8	16,500*	200	
210	48.0	229.3	12,900*	49.7	228.3	13,600*	52.2	225.9	14,400*	210	
220	45.3	219.6	11,200*	47.0	218.5	11,800*				220	
230	42.5	209.0	9,700*	44.2	207.8	10,200*				230	
240	39.6	197.2	8,300*	41.2	196.0	8,800*				240	
250	36.4	184.1	7,000*							250	
260	33.0	169.3	5,800*							260	

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## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	80,000*	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	65,300	76.8	306.6	49,700*	79.4	304.3	34,400*	90
	95	74.1	306.0	60,100	75.8	305.2	47,700*	78.5	302.8	33,300*	95
	100	73.1	304.4	55,400	74.8	303.6	45,800*	77.5	301.3	32,300*	100
	110	71.2	301.1	47,500	72.9	300.3	42,400*	75.5	298.0	30,500*	110
	120	69.2	297.3	41,100	70.9	296.5	39,500*	73.5	294.2	28,900*	120
	130	67.2	293.2	35,700	68.9	292.4	37,000*	71.5	290.1	27,400*	130
	140	65.2	288.7	31,200	66.9	287.8	32,500	69.4	285.5	26,100*	140
	150	63.1	283.7	27,300	64.8	282.8	28,500	67.4	280.5	24,900*	150
	160	61.0	278.2	23,900	62.7	277.3	25,000	65.2	275.0	23,800*	160
	170	58.8	272.2	20,900	60.5	271.4	22,000	63.0	269.1	22,800*	170
	180	56.6	265.8	18,300	58.3	264.9	19,300	60.8	262.6	20,500	180
	190	54.4	258.7	16,000	56.0	257.8	16,900	58.5	255.5	18,000	190
	200	52.0	251.1	13,900	53.7	250.1	14,700	56.2	247.8	15,800	200
	210	49.6	242.7	12,100	51.3	241.7	12,800	53.7	239.3	13,700	210
220	47.1	233.6	10,400	48.8	232.6	11,000	51.2	230.2	11,900	220	
230	44.5	223.7	8,900	46.2	222.6	9,400				230	
240	41.8	212.8	7,500	43.4	211.6	8,000				240	
250	38.9	200.7	6,200	40.5	199.5	6,600				250	
260	35.8	187.3	5,000							260	
240	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	80,000*	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	70,800	78.1	318.3	52,900*	80.7	315.9	35,900*	85
	90	75.5	317.8	64,900	77.2	317.0	50,600*	79.8	314.6	34,800*	90
	95	74.6	316.4	59,700	76.3	315.6	48,600*	78.8	313.2	33,700*	95
	100	73.7	314.9	55,000	75.3	314.1	46,700*	77.9	311.7	32,700*	100
	110	71.8	311.7	47,100	73.4	310.9	43,300*	76.0	308.5	30,900*	110
	120	69.9	308.1	40,700	71.5	307.3	40,400*	74.1	304.9	29,300*	120
	130	67.9	304.1	35,300	69.6	303.3	36,800	72.1	300.9	27,800*	130
	140	66.0	299.7	30,700	67.6	298.9	32,100	70.1	296.5	26,500*	140
	150	64.0	294.9	26,900	65.7	294.0	28,100	68.1	291.7	25,300*	150
	160	62.0	289.6	23,500	63.6	288.8	24,600	66.1	286.5	24,200*	160
	170	59.9	283.9	20,500	61.6	283.1	21,600	64.0	280.7	23,000	170
	180	57.8	277.7	17,900	59.4	276.8	18,900	61.9	274.5	20,200	180
190	55.7	271.0	15,600	57.3	270.1	16,500	59.7	267.8	17,700	190	
200	53.4	263.7	13,500	55.1	262.8	14,400	57.4	260.4	15,400	200	
210	51.2	255.8	11,700	52.8	254.8	12,400	55.1	252.4	13,400	210	
220	48.8	247.2	10,000	50.4	246.2	10,700	52.7	243.8	11,600	220	
230	46.3	237.9	8,400	47.9	236.8	9,100	50.2	234.3	9,900	230	
240	43.8	227.7	7,000	45.4	226.5	7,600				240	
250	41.1	216.5	5,800	42.7	215.3	6,300				250	
260	38.2	204.1	4,600	39.8	202.9	5,000				260	

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

## 4600 SERIES 4

JIB NO. 125 WITH 18'9" STRUT ON  
BOOM NO. 27B WITH OPEN THROAT TOP  
120,000 LB. OR 123,000 LB. 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	
250	65	80.4	333.6	80,000*							65
	70	79.5	332.7	80,000*							70
	75	78.6	331.7	80,000*	80.3	330.9	58,800*				75
	80	77.8	330.6	76,900	79.4	329.8	56,200*				80
	85	76.9	329.4	70,100	78.5	328.6	53,800*	81.0	326.2	36,200*	85
	90	76.0	328.1	64,100	77.6	327.3	51,600*	80.1	324.9	35,100*	90
	95	75.1	326.8	58,900	76.7	326.0	49,500*	79.2	323.6	34,100*	95
	100	74.2	325.3	54,200	75.8	324.5	47,600*	78.3	322.1	33,100*	100
	110	72.3	322.2	46,300	74.0	321.4	44,200*	76.4	319.0	31,300*	110
	120	70.5	318.7	39,900	72.1	317.9	41,300*	74.6	315.5	29,700*	120
	130	68.6	314.9	34,500	70.3	314.1	36,100	72.7	311.7	28,300*	130
	140	66.8	310.7	29,900	68.4	309.8	31,400	70.8	307.5	27,000*	140
	150	64.8	306.0	26,000	66.5	305.2	27,400	68.9	302.8	25,800*	150
	160	62.9	301.0	22,700	64.5	300.1	23,900	66.9	297.8	24,700*	160
	170	60.9	295.5	19,700	62.5	294.6	20,800	64.9	292.3	22,300	170
	180	58.9	289.6	17,100	60.5	288.7	18,100	62.9	286.3	19,500	180
	190	56.8	283.1	14,800	58.4	282.2	15,700	60.8	279.9	17,000	190
	200	54.7	276.2	12,700	56.3	275.2	13,600	58.6	272.8	14,700	200
	210	52.5	268.6	10,800	54.1	267.7	11,600	56.4	265.3	12,700	210
	220	50.3	260.5	9,200	51.9	259.5	9,900	54.1	257.1	10,800	220
230	48.0	251.6	7,600	49.5	250.6	8,300	51.8	248.1	9,200	230	
240	45.6	242.0	6,200	47.1	240.9	6,800				240	
250	43.1	231.6	4,900	44.6	230.4	5,500				250	
260				41.9	218.9	4,300				260	
260	65	80.7	343.8	80,000*							65
	70	79.8	342.9	80,000*							70
	75	79.0	341.9	80,000*	80.6	341.1	59,700*				75
	80	78.1	340.8	76,300	79.7	340.0	57,100*				80
	85	77.3	339.7	69,500	78.8	338.9	54,700*				85
	90	76.4	338.5	63,500	78.0	337.7	52,500*	80.4	335.2	35,500*	90
	95	75.5	337.2	58,300	77.1	336.3	50,400*	79.5	333.9	34,500*	95
	100	74.6	335.8	53,600	76.2	335.0	48,500*	78.6	332.5	33,500*	100
	110	72.9	332.7	45,700	74.5	331.9	45,100*	76.9	329.5	31,700*	110
	120	71.1	329.4	39,200	72.7	328.5	41,100	75.1	326.1	30,100*	120
	130	69.3	325.6	33,900	70.9	324.8	35,500	73.2	322.4	28,700*	130
	140	67.5	321.6	29,300	69.1	320.7	30,800	71.4	318.3	27,400*	140
	150	65.6	317.1	25,400	67.2	316.2	26,800	69.5	313.9	26,200*	150
	160	63.8	312.2	22,000	65.3	311.4	23,300	67.7	309.0	25,000	160
	170	61.9	307.0	19,100	63.4	306.1	20,200	65.7	303.7	21,800	170
	180	59.9	301.3	16,500	61.5	300.4	17,500	63.8	298.0	19,000	180
	190	57.9	295.1	14,100	59.5	294.2	15,100	61.8	291.8	16,400	190
	200	55.9	288.4	12,100	57.4	287.5	13,000	59.7	285.1	14,200	200
	210	53.8	281.2	10,200	55.4	280.3	11,000	57.6	277.8	12,100	210
	220	51.7	273.5	8,500	53.2	272.5	9,300	55.4	270.0	10,300	220
230	49.5	265.1	7,000	51.0	264.0	7,700	53.2	261.6	8,600	230	
240	47.2	256.0	5,600	48.7	254.9	6,200	50.9	252.4	7,100	240	
250	44.9	246.1	4,300	46.3	245.0	4,900				250	