

**MANITOWOC 4600 SERIES 5**  
**LIFTCRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.**  
**BOOM NO. 27B WITH OPEN THROAT TOP**  
**CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST**

CAPACITIES ARE FOR A CRAWLER MACHINE WHEN OPERATING ON A BARGE. MACHINE SHALL BE POSITIVELY SECURED TO PREVENT SHIFTING. CAPACITIES FOR VARIOUS BOOM LENGTHS AND 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 (\*).

UPPER BOOM POINT CAPACITY FOR LIFTCRANE SERVICE WITH SINGLE PART WHIP LINE OR COMBINATION OF TWO SINGLE PART LINES IS 44,000 LBS. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR THE MAIN BOOM CAPACITY.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM POINT SHEAVES, IS CONSIDERED PART OF THE MAIN BOOM LOAD. BOOM IS 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 WITH GANTRY UP AND MACHINE LIST NOT TO EXCEED DEGREES NOTED. REFER TO RIGGING NO. 65234 AND LOAD LINE SPECIFICATION CHART NO. 6645-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION AT BARGE DECK 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. BOOM POINT ELEVATION IS VERTICAL DISTANCE FROM BARGE DECK TO CENTERLINE OF LOWER BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 30'5" CRAWLERS, 60" TREADS, 33' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 164,400 LB. CRANE CWT. AND 110,000 LB. CARBODY CWT.

MAXIMUM BOOM LENGTH LIFTED UNASSISTED			
OVER END OF CRAWLERS		OVER SIDE OF CRAWLERS	
LIST	BM LGTH.	LIST	BM LGTH.
0°	310 FT.	0°	310 FT.
1° - 3°	300 FT.	1° - 3°	300 FT.

LOAD BLOCK, HOOK AND WEIGHT BALL ON BARGE AT START.  
 JIB IS NOT TO BE USED ON CRAWLER MACHINE WHILE OPERATING ON A BARGE.

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY				BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY			
				0° LIST POUNDS	1° LIST POUNDS	2° LIST POUNDS	3° LIST POUNDS					0° LIST POUNDS	1° LIST POUNDS	2° LIST POUNDS	3° LIST POUNDS
80	20	80.3	87.8	700,000*	613,900*			80	20	81.4	97.9	675,000*			
	21	79.6	87.6	649,600*	591,400*	472,800*			21	80.7	97.8	647,900*	560,200*		
	22	78.8	87.4	624,500*	570,400*	472,800*	353,900*		22	80.1	97.6	622,800*	560,200*		
	23	78.1	87.2	601,200*	546,900*	469,000*	353,900*		23	79.4	97.4	599,500*	535,200*	385,200*	
	24	77.4	87.0	579,500*	521,900*	450,300*	353,900*		24	78.8	97.2	577,800*	511,100*	385,200*	291,300*
	25	76.6	86.8	559,300*	499,000*	433,000*	353,900*		25	78.1	97.0	557,600*	488,900*	385,200*	291,300*
	26	75.9	86.5	540,400*	478,000*	416,900*	353,900*		26	77.5	96.8	538,800*	468,600*	385,200*	291,300*
	27	75.2	86.3	516,300*	458,600*	402,000*	353,900*		27	76.8	96.6	515,000*	449,800*	385,200*	291,300*
	28	74.4	86.0	490,200*	440,700*	388,400*	346,100*		28	76.2	96.3	488,900*	432,500*	375,900*	291,300*
	29	73.7	85.7	466,600*	424,100*	375,400*	335,600*		29	75.5	96.1	465,300*	416,300*	363,500*	291,300*
	30	72.9	85.4	445,100*	408,700*	363,200*	325,700*		30	74.9	95.8	443,700*	401,300*	351,900*	291,300*
	32	71.4	84.8	402,900	373,200	340,900*	307,600*		32	73.5	95.2	402,200	369,400	331,000*	291,300*
	34	69.9	84.1	367,400	342,300	320,000	291,300*		34	72.2	94.6	366,700	339,000	312,100*	280,300*
	36	68.4	83.3	337,400	316,000	296,800	276,600*		36	70.9	94.0	336,700	313,000	292,000	266,500*
	38	66.8	82.5	311,800	293,300	276,600	261,300		38	69.5	93.2	311,100	290,600	272,200	253,900*
	40	65.2	81.6	289,700	273,600	258,800	245,300		40	68.1	92.5	289,000	271,000	254,900	240,200
	45	61.2	79.1	245,600	233,800	222,800	212,600		45	64.7	90.3	244,800	231,600	219,500	208,400
50	57.1	76.1	212,700	203,700	195,200	187,300	50	61.1	87.7	211,900	201,800	192,400	183,700		
55	52.7	72.6	187,100	180,100	173,500	167,200	55	57.4	84.8	186,300	178,400	171,000	164,000		
60	48.0	68.4	166,700	161,200	155,900	150,800	60	53.5	81.3	165,900	159,600	153,600	147,900		
65	43.0	63.5	147,700*	145,000*	141,400	137,200	65	49.5	77.3	149,300	144,100	139,200	134,500		
70	37.5	57.6	128,700*	126,700*	124,800*	123,100*	70	45.1	72.7	135,500	131,200	127,200	123,200		
75	31.1	50.3	112,100*	110,700*	109,400*	108,100*	75	40.4	67.3	122,800*	120,300	116,900	113,600		
							80	35.2	60.9	108,200*	106,600*	105,100*	103,700*		
							85	29.3	53.0	95,100*	94,000*	92,900*	91,900*		

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 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS		
																BOOM LGTH. FEET	OPER. RAD. FEET
100	22	81.1	107.7	619,600*				102	25	81.1	127.5	504,300*					
	23	80.5	107.6	598,300*	524,300*				26	80.6	127.3	479,800*	429,300*				
	24	79.9	107.4	573,000*	501,000*	368,800*			27	80.2	127.2	457,700*	411,700*				
	25	79.3	107.2	543,700*	479,600*	368,800*			28	79.7	127.0	437,700*	395,600*	343,400*			
	26	78.8	107.0	517,500*	459,900*	368,800*	280,200*		29	79.2	126.8	419,500*	380,800*	332,700*			
	27	78.2	106.8	493,700*	441,700*	368,800*	280,200*		30	78.7	126.6	402,800*	367,200*	322,600*	265,600*		
	28	77.6	106.6	472,200*	424,800*	364,800*	280,200*		32	77.7	126.2	373,400*	342,800*	304,000*	264,500*		
	29	77.0	106.4	452,500*	409,200*	363,000*	280,200*		34	76.8	125.7	348,200*	321,600*	287,400*	251,600*		
	30	76.4	106.1	434,500*	394,600*	341,900*	280,200*		36	75.8	125.3	326,400*	303,100*	272,400*	239,800*		
	32	75.2	105.6	401,800*	365,900*	321,600*	280,200*		38	74.8	124.7	307,200*	282,900*	258,800*	229,000*		
	34	74.0	105.1	366,200*	335,900*	303,800*	270,400*		40	73.8	124.2	287,000*	264,000*	244,000*	219,100*		
	36	72.8	104.5	336,200*	310,300*	287,500*	257,300*		45	71.3	122.6	242,800*	225,800*	210,600*	197,000*		
	38	71.6	103.8	310,600*	288,100*	268,300*	245,300*		50	68.7	120.8	209,800*	196,700*	184,800*	174,000*		
	40	70.4	103.2	288,400*	268,800*	251,300*	234,400*		55	66.2	118.7	184,200*	173,800*	164,300*	155,500*		
	45	67.4	101.2	244,300*	229,800*	216,600*	204,600*		60	63.5	116.4	163,800*	155,400*	147,600*	140,300*		
	50	64.2	99.0	211,300*	200,200*	190,000*	180,500*		65	60.8	113.7	147,100*	140,200*	133,700*	127,600*		
	55	61.0	96.4	185,800*	177,000*	168,800*	161,200*		70	58.1	110.8	133,300*	127,400*	122,000*	116,800*		
	60	57.7	93.4	165,400*	158,300*	151,700*	145,400*		75	55.2	107.5	121,600*	116,600*	112,000*	107,500*		
	65	54.2	90.0	148,700*	143,000*	137,500*	132,300*		80	52.2	103.8	111,500*	107,300*	103,300*	99,500*		
	70	50.6	86.2	134,900*	130,100*	125,500*	121,100*		85	49.1	99.7	102,900*	99,200*	95,800*	92,400*		
75	46.8	81.8	123,200*	119,200*	115,300*	111,600*	90	45.9	95.1	95,300*	92,100*	89,100*	86,200*				
80	42.7	76.7	113,200*	109,800*	106,500*	103,400*	95	42.5	90.0	88,600*	85,900*	83,200*	80,700*				
85	38.3	70.9	104,200*	101,700*	98,900*	96,200*	100	38.8	84.2	82,600*	80,300*	78,000*	75,800*				
90	33.4	64.0	92,600*	91,200*	90,000*	88,800*	105	34.8	77.5	76,800*	75,300*	73,300*	71,400*				
95	27.7	55.5	81,900*	81,000*	80,100*	79,200*	110	30.4	69.7	68,800*	67,900*	67,000*	66,100*				
								115	25.3	60.2	61,300*	60,600*	60,000*	59,400*			
110	23	81.4	117.7	580,700*	490,900*			103	26	81.4	137.5	464,100*					
	24	80.8	117.5	549,200*	468,600*				27	80.9	137.3	442,600*	394,300*				
	25	80.3	117.4	521,200*	448,400*	360,900*			28	80.5	137.1	423,100*	378,900*				
	26	79.8	117.2	496,100*	430,000*	360,900*			29	80.0	137.0	405,400*	364,800*	323,200*			
	27	79.3	117.0	473,400*	413,100*	360,900*			30	79.6	136.8	389,200*	351,800*	313,500*			
	28	78.7	116.8	452,800*	413,100*	353,800*	275,200*		32	78.7	136.4	360,700*	328,500*	295,800*	255,400*		
	29	78.2	116.6	434,100*	397,600*	342,600*	275,200*		34	77.8	136.0	336,300*	308,300*	279,800*	242,800*		
	30	77.7	116.4	416,900*	383,300*	332,000*	275,200*		36	76.9	135.5	315,100*	290,600*	265,400*	231,700*		
	32	76.6	115.9	386,500*	357,700*	312,600*	274,400*		38	76.0	135.1	296,600*	274,900*	252,300*	221,400*		
	34	75.5	115.4	360,400*	332,700*	295,300*	260,700*		40	75.1	134.5	280,300*	260,900*	240,300*	211,900*		
	36	74.4	114.9	335,500*	307,400*	279,900*	248,300*		45	72.8	133.1	242,000*	223,700*	207,600*	191,300*		
	38	73.4	114.3	309,800*	285,500*	264,200*	236,900*		50	70.5	131.4	209,000*	194,900*	182,300*	170,900*		
	40	72.3	113.7	287,700*	266,400*	247,600*	226,500*		55	68.1	129.6	183,400*	172,200*	162,000*	152,800*		
	45	69.5	112.0	243,500*	227,800*	213,600*	200,700*		60	65.7	127.4	163,000*	153,900*	145,500*	137,800*		
	50	66.7	110.0	210,600*	198,400*	187,300*	177,200*		65	63.3	125.0	146,300*	138,800*	131,800*	125,300*		
	55	63.8	107.7	185,000*	175,400*	166,500*	158,300*		70	60.8	122.4	132,400*	126,100*	120,200*	114,700*		
	60	60.9	105.1	164,600*	156,800*	149,600*	142,800*		75	58.2	119.4	120,700*	115,400*	110,300*	105,600*		
	65	57.9	102.1	147,900*	141,500*	135,500*	129,900*		80	55.6	116.2	110,700*	106,100*	101,800*	97,600*		
	70	54.7	98.8	134,100*	128,700*	123,700*	118,900*		85	52.9	112.6	102,000*	98,000*	94,300*	90,700*		
	75	51.5	95.0	122,400*	117,900*	113,600*	109,500*		90	50.0	108.6	94,400*	91,000*	87,700*	84,500*		
80	48.1	90.8	112,300*	108,500*	104,900*	101,400*	95	47.1	104.2	87,700*	84,700*	81,800*	79,000*				
85	44.5	86.0	103,700*	100,400*	97,300*	94,300*	100	44.0	99.3	81,800*	79,100*	76,600*	74,100*				
90	40.6	80.5	96,100*	93,300*	90,600*	88,000*	105	40.7	93.8	76,500*	74,100*	71,900*	69,700*				
95	36.4	74.3	89,000*	87,000*	84,700*	82,500*	110	37.2	87.6	71,700*	69,600*	67,700*	65,800*				
100	31.8	66.9	79,500*	78,400*	77,400*	76,400*	115	33.4	80.5	66,300*	65,300*	63,900*	62,200*				
105	26.4	57.9	70,700*	69,900*	69,100*	68,400*	120	29.2	72.3	59,600*	58,800*	58,000*	57,300*				

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 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS
140	28	81.2	147.3	411,300*	351,300*			160	32	80.8	166.9	333,800*	296,700*		
	29	80.8	147.1	393,900*	338,800*				34	80.1	166.6	310,600*	278,300*		
	30	80.3	147.0	378,100*	338,800*				36	79.4	166.2	290,600*	262,200*	238,500*	
	32	79.5	146.6	350,100*	316,300*	288,100*			38	78.6	165.8	273,100*	248,000*	226,800*	204,400*
	34	78.7	146.2	326,300*	296,900*	272,000*	236,200*		40	77.9	165.4	257,800*	235,400*	216,200*	194,700*
	36	77.8	145.8	305,700*	279,900*	257,800*	224,400*		45	76.1	164.2	226,300*	209,000*	193,900*	175,700*
	38	77.0	145.3	287,600*	264,800*	245,000*	214,600*		50	74.2	162.9	202,000*	188,200*	176,000*	160,300*
	40	76.2	144.9	271,700*	251,300*	233,600*	205,600*		55	72.4	161.4	182,100	168,600	156,700	146,000
	45	74.0	143.5	239,000*	222,100	205,100	185,800*		60	70.5	159.7	161,700	150,700	140,800	131,900
	50	71.9	142.0	208,500	193,500	180,100	168,200		65	68.6	157.9	145,000	135,800	127,600	120,000
	55	69.7	140.3	182,900	171,000	160,200	150,400		70	66.6	155.8	131,100	123,400	116,300	109,900
	60	67.5	138.3	162,500	152,800	143,900	135,800		75	64.7	153.5	119,400	112,800	106,700	101,100
	65	65.3	136.1	145,800	137,800	130,400	123,500		80	62.7	151.1	109,300	103,700	98,400	93,500
	70	63.0	133.7	132,000	125,200	118,900	113,000		85	60.6	148.4	100,600	95,700	91,100	86,800
	75	60.7	131.0	120,200	114,500	109,100	104,000		90	58.5	145.4	93,000	88,700	84,600	80,800
	80	58.3	128.1	110,200	105,200	100,600	96,200		95	56.4	142.2	86,300	82,500	78,900	75,500
	85	55.9	124.9	101,500	97,200	93,200	89,300		100	54.2	138.8	80,400	77,000	73,800	70,700
	90	53.4	121.3	93,900	90,200	86,600	83,200		105	52.0	135.0	75,000	72,000	69,200	66,400
	95	50.8	117.4	87,200	83,900	80,800	77,800		110	49.7	131.0	70,300	67,600	65,000	62,500
	100	48.1	113.1	81,300	78,400	75,600	72,900		115	47.3	126.5	65,900	63,500	61,200	59,000
105	45.3	108.4	76,000	73,400	70,900	68,600	120	44.8	121.7	62,000	59,800	57,700	55,700		
110	42.3	103.2	71,200	68,900	66,700	64,600	125	42.2	116.4	58,400	56,500	54,600	52,800		
115	39.2	97.4	66,900	64,800	62,900	61,000	130	39.5	110.7	55,100	53,400	51,700	50,000		
120	35.8	90.9	62,900	61,100	59,400	57,700	135	36.6	104.3	52,100	50,500	49,000	47,500		
125	32.2	83.5	57,900*	57,000*	56,100*	54,800	140	33.4	97.1	49,200*	47,900	46,500	45,200		
130	28.1	74.9	52,100*	51,400*	50,700*	50,100*	145	30.0	89.0	44,500*	43,800*	43,100*	42,500*		
								150	26.2	79.7	40,100*	39,500*	39,000*	38,400*	
150	29	81.4	157.2	383,800*	327,000*			170	32	81.4	177.0	324,400*			
	30	81.0	157.1	368,100*	305,200*				34	80.7	176.7	301,600*	268,300*		
	32	80.2	156.8	340,600*	286,400*	260,600*			36	80.0	176.4	282,000*	252,700*	228,500*	
	34	79.4	156.4	317,200*	269,900*	247,000*	218,800*		38	79.3	176.0	264,900*	239,000*	217,200*	
	36	78.7	156.0	296,900*	255,300*	234,800*	207,900*		40	78.6	175.6	249,900*	226,700*	207,100*	190,400*
	38	77.9	155.6	279,200*	242,300*	223,900*	199,100*		45	76.9	174.5	219,200*	201,200*	185,800*	170,400*
	40	77.1	155.1	263,700*	231,700*	215,200*	180,100*		50	75.2	173.3	195,500*	181,100*	168,600*	155,600*
	45	75.1	153.9	231,700*	219,800*	200,700*	164,100*		55	73.4	171.9	176,500*	164,800*	154,400*	142,900*
	50	73.1	152.5	206,900*	191,800	177,700	147,800		60	71.7	170.3	160,900	149,300	138,900	129,600
	55	71.1	150.9	182,100	169,400	158,000	147,800		65	69.9	168.6	144,200	134,500	125,800	117,900
	60	69.1	149.1	161,700	151,300	142,000	133,400		70	68.1	166.6	130,300	122,200	114,700	108,000
	65	67.0	147.1	145,000	136,400	128,600	121,300		75	66.2	164.5	118,500	111,600	105,200	99,300
	70	65.0	144.8	131,100	123,900	117,200	111,000		80	64.4	162.2	108,500	102,500	97,000	91,800
	75	62.8	142.4	119,400	113,200	107,500	102,200		85	62.5	159.7	99,800	94,600	89,700	85,200
	80	60.7	139.7	109,400	104,100	99,100	94,400		90	60.6	157.0	92,200	87,600	83,300	79,300
	85	58.4	136.8	100,700	96,100	91,700	87,600		95	58.6	154.1	85,500	81,400	77,600	74,000
	90	56.2	133.5	93,100	89,000	85,200	81,600		100	56.6	150.9	79,500	75,900	72,500	69,300
	95	53.8	130.0	86,400	82,800	79,500	76,200		105	54.6	147.5	74,200	71,000	67,900	65,000
	100	51.4	126.2	80,400	77,300	74,300	71,400		110	52.5	143.8	69,400	66,500	63,800	61,200
	105	49.0	122.1	75,100	72,300	69,600	67,100		115	50.3	139.8	65,100	62,500	60,000	57,700
110	46.4	117.5	70,300	67,800	65,500	63,200	120	48.1	135.5	61,200	58,800	56,600	54,400		
115	43.7	112.5	66,000	63,800	61,600	59,600	125	45.8	130.8	57,600	55,500	53,400	51,500		
120	40.8	107.0	62,100	60,100	58,200	56,300	130	43.4	125.8	54,300	52,400	50,500	48,700		
125	37.8	100.9	58,500	56,700	55,000	53,300	135	40.9	120.2	51,200	49,500	47,800	46,200		
130	34.6	94.1	55,200	53,600	52,100	50,600	140	38.3	114.2	48,500	46,900	45,400	43,900		
135	31.1	86.3	50,200*	49,400*	48,600*	47,900*	145	35.4	107.5	45,900	44,500	43,100	41,700		
140	27.1	77.3	45,200*	44,500*	43,900*	43,300*	150	32.4	100.1	42,500*	41,700*	41,000	39,700		
								155	29.1	91.7	38,400*	37,800*	37,200*	36,600*	
								160	25.5	82.0	34,500*	34,000*	33,500*	33,000*	

MANITOWOC 4600 SERIES 5  
 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	
<b>108</b>	34	81.2	186.8	296,400*				<b>200</b>	36	81.5	206.7	264,000*				
	36	80.6	186.5	276,900*	246,200*				38	80.9	206.4	247,500*	220,700*			
	38	79.9	186.2	259,900*	232,700*	210,200*			40	80.4	206.1	233,000*	209,200*			
	40	79.3	185.8	244,900*	220,700*	200,400*			45	78.9	205.2	203,500*	185,100*	168,100*	153,600*	
	45	77.6	184.8	214,400*	195,700*	179,600*	165,800*		50	77.4	204.1	180,900*	166,100*	152,300*	140,300*	
	50	76.0	183.6	190,900*	176,000*	162,900*	151,400*		55	76.0	203.0	162,800*	150,800*	139,300*	129,200*	
	55	74.4	182.3	172,200*	160,000*	149,100*	139,100*		60	74.5	201.6	148,100*	138,100*	128,300*	119,700*	
	60	72.7	180.8	156,900*	146,700*	137,300*	127,700*		65	73.0	200.2	135,800*	127,300*	119,000*	111,500*	
	65	71.0	179.2	143,600*	133,500*	124,400*	116,200*		70	71.5	198.6	125,400*	118,100*	110,900*	103,300*	
	70	69.3	177.4	129,700*	121,200*	113,400*	106,400*		75	70.0	196.8	116,400*	108,900*	101,600*	95,000*	
	75	67.6	175.4	118,000*	110,700*	104,000*	97,900*		80	68.4	194.9	106,900*	100,000*	93,600*	87,800*	
	80	65.9	173.2	108,000*	101,600*	95,800*	90,400*		85	66.9	192.9	98,200*	92,100*	86,500*	81,400*	
	85	64.1	170.9	99,300*	93,700*	88,600*	83,900*		90	65.3	190.7	90,600*	85,300*	80,300*	75,700*	
	90	62.4	168.4	91,700*	86,800*	82,300*	78,000*		95	63.7	188.3	83,900*	79,200*	74,700*	70,600*	
	95	60.5	165.7	84,900*	80,700*	76,600*	72,900*		100	62.1	185.7	78,000*	73,700*	69,700*	66,000*	
	100	58.7	162.7	79,000*	75,200*	71,600*	68,200*		105	60.5	183.0	72,600*	68,800*	65,300*	61,900*	
	105	56.8	159.6	73,700*	70,200*	67,000*	64,000*		110	58.8	180.1	67,800*	64,400*	61,200*	58,100*	
	110	54.9	156.2	68,900*	65,800*	62,900*	60,100*		115	57.1	176.9	63,500*	60,400*	57,500*	54,700*	
	115	52.9	152.6	64,500*	61,800*	59,100*	56,600*		120	55.4	173.6	59,600*	56,700*	54,100*	51,500*	
	120	50.9	148.6	60,600*	58,100*	55,700*	53,400*		125	53.7	170.1	56,000*	53,400*	51,000*	48,600*	
	125	48.8	144.4	57,000*	54,700*	52,600*	50,500*		130	51.9	166.3	52,700*	50,300*	48,100*	46,000*	
	130	46.7	139.9	53,700*	51,700*	49,700*	47,800*		135	50.0	162.2	49,600*	47,500*	45,500*	43,500*	
	135	44.4	135.0	50,700*	48,800*	47,000*	45,300*		140	48.1	157.9	46,800*	44,900*	43,000*	41,200*	
	140	42.1	129.7	47,900*	46,200*	44,500*	42,900*		145	46.2	153.2	44,300*	42,500*	40,700*	39,100*	
	145	39.7	123.9	45,300*	43,800*	42,300*	40,800*		150	44.2	148.2	41,900*	40,200*	38,600*	37,100*	
	150	37.1	117.6	42,900*	41,500*	40,100*	38,800*		155	42.1	142.9	39,600*	38,100*	36,600*	35,200*	
	155	34.4	110.7	40,700*	39,400*	38,100*	36,900*		160	39.9	137.1	37,500*	36,100*	34,800*	33,500*	
	160	31.5	102.9	37,100*	36,300*	35,700*	35,000*		165	37.6	130.9	35,600*	34,300*	33,100*	31,800*	
165	28.3	94.2	33,400*	32,800*	32,300*	31,700*	170	35.2	124.1	33,800*	32,600*	31,400*	30,300*			
								175	32.6	116.7	30,700*	30,100*	29,500*	28,900*		
								180	29.8	108.4	27,700*	27,200*	26,600*	26,100*		
								185	26.8	99.1	24,800*	24,300*	23,900*	23,400*		
<b>109</b>	36	81.1	196.6	269,700*	225,000*											
	38	80.5	196.3	253,000*	213,300*	192,600*										
	40	79.8	196.0	238,300*	189,000*	172,500*	158,500*									
	45	78.3	195.0	208,300*	169,800*	156,400*	144,800*									
	50	76.8	193.9	185,300*	154,200*	143,100*	133,300*									
	55	75.2	192.6	166,900*	141,300*	132,000*	123,600*									
	60	73.6	191.2	151,900*	130,400*	122,400*	114,200*									
	65	72.1	189.7	139,400*	120,000*	111,900*	104,500*									
	70	70.5	188.0	128,700*	109,500*	102,500*	96,100*									
	75	68.9	186.2	117,200*	98,400*	92,600*	87,300*									
	80	67.2	184.1	107,100*	88,800*	84,000*	79,600*									
	85	65.6	182.0	98,400*	81,000*	76,600*	71,400*									
	90	63.9	179.6	90,800*	75,400*	71,400*	66,800*									
	95	62.2	177.1	84,100*	70,300*	66,800*	62,600*									
	100	60.5	174.3	78,200*	65,800*	61,700*	58,800*									
	105	58.8	171.4	72,800*	60,800*	58,000*	55,300*									
	110	57.0	168.3	68,000*	57,100*	54,600*	52,200*									
	115	55.2	164.9	63,700*	53,800*	51,500*	49,200*									
120	53.3	161.3	59,800*	50,700*	48,600*	46,600*										
125	51.4	157.5	56,200*	47,800*	45,900*	44,100*										
130	49.5	153.3	52,900*	45,200*	43,500*	41,800*										
135	47.4	148.9	49,900*	42,800*	41,200*	39,600*										
140	45.4	144.1	47,100*	40,500*	39,000*	37,600*										
145	43.2	139.0	44,500*	38,400*	37,100*	35,700*										
150	41.0	133.5	42,100*	36,500*	35,200*	34,000*										
155	38.6	127.5	39,800*	34,300*	33,500*	32,400*										
160	36.1	120.9	37,700*	31,000*	30,400*	29,900*										
165	33.5	113.7	35,100*	27,900*	27,400*	26,900*										
170	30.6	105.7	31,700*													
175	27.5	96.7	28,400*													

MANITOWOC 4600 SERIES 5  
 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS		
210	38	81.4	216.6	244,100*				230	180	37.9	144.2	28,400*	27,500*	26,700	25,600		
	40	80.8	216.2	229,600*	202,700*				185	35.8	137.5	26,600*	25,900*	25,200*	24,300	24,300	
	45	79.4	215.4	200,000*	179,200*	161,800*			190	33.5	130.3	24,600*	23,900*	23,300*	22,700*	22,700*	
	50	78.0	214.4	177,300*	160,700*	146,500*	134,400*		195	31.0	122.4	22,000*	21,400*	20,900*	20,400*	20,400*	
	55	76.6	213.3	159,300*	145,700*	133,900*	123,700*		200	28.4	113.6	19,500*	19,000*	18,600*	18,100*	18,100*	
	60	75.2	212.0	144,700*	133,300*	123,300*	114,500*		205	25.5	103.8	17,100*	16,700*	16,300*	15,900*	15,900*	
	65	73.8	210.6	132,500*	122,800*	114,300*	106,700*										
	70	72.4	209.1	122,100*	113,800*	106,400*	99,800*										
	75	71.0	207.5	113,200*	106,000*	99,600*	93,400										
	80	69.5	205.7	105,500*	98,900	92,200	86,200										
	85	68.0	203.7	97,400	91,100	85,200	79,900										
	90	66.6	201.6	89,800	84,200	79,000	74,300										
	95	65.1	199.4	83,100	78,100	73,500	69,200										
	100	63.6	197.0	77,200	72,700	68,600	64,700										
	105	62.0	194.4	71,800	67,800	64,100	60,600										
	110	60.5	191.7	67,000	63,400	60,000	56,900										
	115	58.9	188.7	62,700	59,400	56,400	53,500										
	120	57.3	185.6	58,800	55,800	53,000	50,300										
	125	55.6	182.3	55,200	52,500	49,900	47,500										
	130	54.0	178.8	51,900	49,400	47,000	44,800										
135	52.3	175.0	48,800	46,600	44,400	42,300											
140	50.5	171.0	46,000	44,000	42,000	40,100											
145	48.7	166.8	43,400	41,500	39,700	37,900											
150	46.9	162.3	41,000	39,300	37,600	36,000											
155	45.0	157.4	38,800	37,200	35,600	34,100											
160	43.0	152.2	36,700	35,200	33,800	32,400											
165	41.0	146.7	34,800	33,400	32,000	30,800											
170	38.9	140.7	32,900	31,700	30,400	29,200											
175	36.6	134.3	31,000*	30,000	28,900	27,800											
180	34.3	127.2	28,900*	28,200*	27,500	26,400											
185	31.8	119.6	26,100*	25,400*	24,800*	24,300*											
190	29.1	111.1	23,300*	22,800*	22,300*	21,800*											
195	26.2	101.5	20,700*	20,200*	19,800*	19,400*											
220	40	81.2	226.4	224,600*	174,000*	156,300*											
	45	79.9	225.5	195,400*	155,900*	141,500*	129,100*										
	50	78.6	224.6	173,000*	141,300*	129,200*	118,800*										
	55	77.3	223.5	155,300*	129,100*	118,900*	110,000*										
	60	75.9	222.3	140,800*	118,900*	110,000*	102,400*										
	65	74.6	221.0	128,800*	118,900*	110,100*	102,400*										
	70	73.2	219.6	118,600*	110,100*	102,500*	95,700*										
	75	71.9	218.0	109,900*	102,500*	95,800*	89,800*										
	80	70.5	216.3	102,300*	95,800*	89,900*	84,600*										
	85	69.1	214.5	95,600*	89,800*	84,200*	78,600*										
	90	67.7	212.5	89,300	83,400	78,000	73,100										
	95	66.3	210.4	82,500	77,300	72,500	68,100										
	100	64.8	208.1	76,600	71,900	67,600	63,600										
	105	63.4	205.7	71,200	67,100	63,200	59,500										
	110	61.9	203.1	66,400	62,700	59,100	55,800										
	115	60.5	200.3	62,100	58,700	55,500	52,500										
	120	58.9	197.4	58,200	55,100	52,100	49,400										
	125	57.4	194.3	54,600	51,700	49,000	46,500										
	130	55.8	191.0	51,300	48,700	46,200	43,900										
	135	54.3	187.5	48,200	45,900	43,600	41,400										
140	52.6	183.8	45,400	43,200	41,200	39,200											
145	51.0	179.9	42,900	40,800	38,900	37,100											
150	49.3	175.7	40,400	38,600	36,800	35,100											
155	47.5	171.3	38,200	36,500	34,800	33,200											
160	45.8	166.5	36,100	34,500	33,000	31,500											
165	43.9	161.5	34,200	32,700	31,300	29,900											
170	42.0	156.1	32,100*	31,000	29,700	28,400											
175	40.0	150.4	30,200*	29,300*	28,100	26,900											

MANITOWOC 4600 SERIES 5  
 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	
																BOOM LGTH. FEET
204	45	80.8	245.8	189,300*	166,400*	133,500*	110,800*	205	170	49.2	198.1	29,600*	28,300*	27,000*	25,800*	
	50	79.6	245.0	167,000*	148,700*	121,700*	110,800*		175	47.6	193.6	27,600*	26,400*	25,300*	24,200*	
	55	78.3	244.0	149,400*	134,400*	111,800*	102,400*		180	46.1	188.9	25,700*	24,600*	23,600*	22,600*	
	60	77.1	242.9	135,100*	122,500*	103,300*	95,200*		185	44.4	184.0	24,000*	23,000*	22,000*	21,100*	
	65	75.9	241.7	123,200*	112,600*	96,000*	88,900*		190	42.8	178.7	22,400*	21,400*	20,600*	19,700*	
	70	74.7	240.4	113,200*	104,000*	89,600*	83,300*		195	41.1	173.2	20,800*	20,000*	19,200*	18,400*	
	75	73.4	239.0	104,600*	96,600*	83,900*	78,300*		200	39.3	167.2	19,300*	18,600*	17,800*	17,100*	
	80	72.2	237.4	97,200*	90,200*	78,900*	73,800*		205	37.4	160.9	18,000*	17,200*	16,600*	15,900*	
	85	70.9	235.7	90,600*	84,400*	74,300*	69,800*		210	35.5	154.2	16,700*	16,000*	15,400*	14,800*	
	90	69.6	233.9	84,800*	79,300*	70,200*	65,900*		215	33.5	146.9	15,400*	14,800*	14,300*	13,800*	
	95	68.4	232.0	79,600*	74,700*	65,800*	61,500*		220	31.4	139.0	13,500*	13,000*	12,500*	12,100*	
	100	67.1	230.0	74,900*	70,400*	61,400*	57,500*		225	29.1	130.4	11,500*	11,100*	10,700*	10,300*	
	105	65.8	227.8	70,100*	65,600*	57,400*	53,900*		230	26.6	121.0	9,600*	9,200*	8,900*	8,500*	
	110	64.5	225.5	65,300*	61,200*	53,800*	50,600*		206	50	80.4	265.3	162,100*	142,500*	114,900*	95,500*
	115	63.1	223.0	61,000*	57,300*	50,500*	47,500*			55	79.2	264.4	144,400*	128,300*	105,200*	88,500*
	120	61.8	220.4	57,100*	53,700*	47,400*	44,700*			60	78.1	263.4	130,100*	116,600*	97,000*	82,400*
	125	60.4	217.6	53,500*	50,400*	44,600*	42,100*			65	77.0	262.3	118,200*	106,800*	89,900*	77,100*
	130	59.0	214.7	50,200*	47,300*	42,000*	39,700*			70	75.9	261.1	108,200*	98,400*	83,700*	72,300*
	135	57.6	211.6	47,100*	44,500*	39,600*	37,500*			75	74.7	259.8	99,700*	91,200*	78,200*	68,000*
	140	56.2	208.4	44,300*	41,900*	37,400*	35,400*			80	73.6	258.3	92,300*	84,800*	73,300*	64,100*
	145	54.8	204.9	41,700*	39,500*	35,300*	33,400*			85	72.4	256.8	85,800*	79,200*	68,900*	60,600*
	150	53.3	201.3	39,300*	37,300*	33,400*	31,600*			90	71.3	255.2	80,100*	74,200*	64,900*	57,400*
155	51.8	197.5	37,100*	35,200*	31,500*	29,900*	95	70.1		253.4	75,000*	69,700*	61,300*	54,400*		
160	50.2	193.4	35,000*	33,200*	29,800*	28,300*	100	68.9		251.5	70,400*	65,600*	58,000*	51,600*		
165	48.7	189.2	32,800*	31,400*	28,200*	26,800*	105	67.7		249.6	66,300*	61,900*	54,900*	48,400*		
170	47.1	184.6	30,700*	29,500*	26,600*	25,400*	110	66.5		247.4	62,500*	58,500*	51,900*	45,400*		
175	45.4	179.8	28,700*	27,600*	24,900*	23,500*	115	65.3		245.2	59,000*	55,400*	48,600*	42,600*		
180	43.7	174.8	26,900*	25,800*	23,300*	22,000*	120	64.1		242.9	55,700*	52,000*	45,600*	40,100*		
185	41.9	169.4	25,100*	24,200*	21,800*	20,500*	125	62.9		240.4	52,100*	48,700*	42,800*	37,700*		
190	40.1	163.6	23,500*	22,600*	20,400*	19,800*	130	61.6		237.7	48,800*	45,700*	40,200*	35,500*		
195	38.2	157.3	21,900*	21,200*	19,100*	18,500*	135	60.4		235.0	45,700*	42,900*	37,800*	33,400*		
200	36.3	150.9	20,500*	19,800*	17,900*	17,300*	140	59.1		232.0	42,900*	40,300*	35,600*	31,500*		
205	34.2	143.8	19,100*	18,500*	16,100*	15,600*	145	57.8		229.0	40,300*	37,900*	33,500*	29,700*		
210	32.0	136.2	17,200*	16,600*	14,100*	13,600*	150	56.5		225.8	37,900*	35,700*	31,600*	28,000*		
215	29.7	127.8	15,000*	14,500*	12,100*	11,800*	155	55.2		222.4	35,700*	33,600*	29,800*	26,400*		
220	27.2	118.6	12,900*	12,500*	10,100*	9,800*	160	53.8	218.8	33,300*	31,600*	28,000*	24,900*			
205	45	81.1	256.0	185,200*	164,300*	128,900*	106,300*	165	52.4	215.0	31,100*	29,500*	28,100*	26,400*		
	50	80.0	255.1	163,100*	144,300*	117,400*	106,300*	170	51.0	211.1	28,900*	27,500*	26,200*	24,900*		
	55	78.8	254.2	145,600*	130,300*	107,700*	98,200*	175	49.6	206.9	26,900*	25,600*	24,400*	23,300*		
	60	77.6	253.1	131,500*	118,700*	99,400*	91,200*	180	48.1	202.6	25,100*	23,900*	22,700*	21,700*		
	65	76.5	252.0	119,800*	108,900*	92,300*	85,000*	185	46.6	198.0	23,300*	22,200*	21,200*	20,200*		
	70	75.3	250.7	109,900*	100,500*	86,000*	79,600*	190	45.1	193.1	21,600*	20,600*	19,700*	18,800*		
	75	74.1	249.4	101,400*	93,200*	80,500*	74,800*	195	43.5	188.0	20,100*	19,100*	18,300*	17,400*		
	80	72.9	247.9	94,100*	86,900*	75,600*	70,400*	200	41.9	182.6	18,600*	17,700*	16,900*	16,100*		
	85	71.7	246.3	87,600*	81,300*	71,100*	66,500*	205	40.2	176.9	17,200*	16,400*	15,600*	14,900*		
	90	70.5	244.6	81,900*	76,200*	67,100*	62,900*	210	38.5	170.8	15,900*	15,100*	14,400*	13,800*		
	95	69.3	242.7	76,800*	71,700*	63,400*	59,600*	215	36.7	164.3	14,600*	13,900*	13,300*	12,700*		
	100	68.0	240.8	72,200*	67,600*	60,100*	56,300*	220	34.8	157.3	13,400*	12,800*	12,200*	11,700*		
	105	66.8	238.7	68,000*	63,900*	56,300*	52,700*	225	32.8	149.9	12,300*	11,700*	11,200*	10,700*		
	110	65.5	236.5	64,200*	60,300*	52,700*	49,400*	230	30.7	141.8	10,400*	9,900*	9,500*	9,000*		
	115	64.3	234.2	60,200*	56,300*	49,400*	46,400*	235	28.5	133.0	8,600*	8,200*	7,800*	7,400*		
	120	63.0	231.7	56,300*	52,700*	46,400*	43,600*	240	26.1	123.3	6,800*	6,400*	6,100*	5,800*		
	125	61.7	229.1	52,700*	49,400*	43,600*	41,000*									
	130	60.4	226.3	49,400*	46,400*	41,000*	38,600*									
	135	59.1	223.4	46,300*	43,600*	38,600*	36,400*									
	140	57.7	220.3	43,500*	41,000*	36,400*	34,300*									
	145	56.4	217.1	40,900*	38,600*	34,300*	32,400*									
	150	55.0	213.7	38,500*	36,400*	32,400*	30,600*									
155	53.6	210.1	36,300*	34,300*	30,600*	28,900*										
160	52.1	206.3	33,900*	32,300*	28,900*	27,300*										
165	50.7	202.3	31,700*	30,300*	27,300*											



MANITOWOC 4600 SERIES 5  
 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 0° LIST POUNDS	CAPACITY 1° LIST POUNDS	CAPACITY 2° LIST POUNDS	CAPACITY 3° LIST POUNDS		
																BOOM LGTH. FEET	OPER. RAD. FEET
270	50	80.7	275.4	158,500*	138,400*	110,900*		280	160	56.8	243.1	31,800*	30,000*	28,200*	26,400*		
	55	79.7	274.5	141,000*	124,500*	101,400*			165	55.5	239.8	29,500*	27,800*	26,200*	24,700*		
	60	78.6	273.6	126,800*	113,000*	91,600*			170	54.3	236.2	27,400*	25,800*	24,300*	22,900*		
	65	77.5	272.5	115,000*	103,400*	84,800*			175	53.0	232.6	25,400*	23,900*	22,500*	21,300*		
	70	76.4	271.4	105,100*	95,100*	86,400*			180	51.7	228.7	23,500*	22,100*	20,900*	19,700*		
	75	75.3	270.1	96,700*	88,000*	80,400*			185	50.4	224.7	21,700*	20,500*	19,300*	18,200*		
	80	74.2	268.7	89,400*	81,700*	75,000*			190	49.1	220.4	20,000*	18,900*	17,800*	16,800*		
	85	73.1	267.3	83,000*	76,200*	70,200*			195	47.7	216.0	18,500*	17,400*	16,400*	15,400*		
	90	72.0	265.7	77,400*	71,300*	65,900*			200	46.3	211.3	17,000*	16,000*	15,000*	14,100*		
	95	70.9	264.0	72,300*	66,900*	62,000*			205	44.9	206.4	15,600*	14,600*	13,800*	12,900*		
	100	69.7	262.2	67,800*	62,900*	58,500*			210	43.4	201.3	14,200*	13,400*	12,600*	11,800*		
	105	68.6	260.3	63,700*	59,300*	55,200*			215	41.9	195.8	12,900*	12,200*	11,400*	10,700*		
	110	67.5	258.3	60,000*	55,900*	52,200*			220	40.3	190.1	11,700*	11,000*	10,300*	9,700*		
	115	66.3	256.2	56,600*	52,900*	49,500*			225	38.7	184.0	10,600*	9,900*	9,300*	8,700*		
	120	65.1	253.9	53,400*	50,000*	46,900*			230	37.0	177.6	9,500*	8,900*	8,300*	7,700*		
	125	64.0	251.5	50,500*	47,400*	44,500*			235	35.3	170.8	7,300*	7,300*	7,300*	6,800*		
	130	62.8	249.0	47,800*	44,800*	41,800*											
	135	61.6	246.4	44,900*	42,000*	39,200*											
	140	60.4	243.6	42,100*	39,400*	36,800*											
	145	59.1	240.7	39,500*	37,000*	34,600*											
	150	57.9	237.6	37,100*	34,800*	32,600*											
	155	56.6	234.4	34,700*	32,700*	30,600*											
	160	55.4	231.1	32,200*	30,500*	28,800*											
	165	54.1	227.5	30,000*	28,400*	26,800*											
170	52.7	223.8	27,800*	26,300*	24,900*												
175	51.4	219.9	25,800*	24,500*	23,200*												
180	50.0	215.8	24,000*	22,700*	21,500*												
185	48.6	211.5	22,200*	21,000*	19,900*												
190	47.2	207.0	20,500*	19,400*	18,400*												
195	45.7	202.2	18,900*	17,900*	17,000*												
200	44.2	197.2	17,500*	16,500*	15,700*												
205	42.7	192.0	16,000*	15,200*	14,400*												
210	41.1	186.4	14,700*	13,900*	13,200*												
215	39.4	180.5	13,400*	12,700*	12,000*												
220	37.7	174.2	12,200*	11,600*	11,000*												
225	36.0	167.5	11,100*	10,500*	9,900*												
230	34.1	160.4	10,000*	9,500*	8,900*												
235	32.2	152.8	8,900*	8,400*	7,900*												
240	30.1	144.5	6,100*	6,100*	6,100*												
280	50	81.1	285.5	155,800*	121,500*	107,700*		290	160	56.8	243.1	31,800*	30,000*	28,200*	26,400*		
	55	80.0	284.7	138,300*	110,200*	98,400*			165	55.5	239.8	29,500*	27,800*	26,200*	24,700*		
	60	79.0	283.8	124,200*	100,700*	90,600*			170	54.3	236.2	27,400*	25,800*	24,300*	22,900*		
	65	77.9	282.8	112,600*	92,600*	83,800*			175	53.0	232.6	25,400*	23,900*	22,500*	21,300*		
	70	76.9	281.6	102,800*	85,600*	77,800*			180	51.7	228.7	23,500*	22,100*	20,900*	19,700*		
	75	75.8	280.4	94,500*	79,400*	72,500*			185	50.4	224.7	21,700*	20,500*	19,300*	18,200*		
	80	74.8	279.1	87,300*	74,000*	67,800*			190	49.1	220.4	20,000*	18,900*	17,800*	16,800*		
	85	73.7	277.7	80,900*	70,400*	62,400*			195	47.7	216.0	18,500*	17,400*	16,400*	15,400*		
	90	72.6	276.2	75,400*	69,200*	63,600*			200	46.3	211.3	17,000*	16,000*	15,000*	14,100*		
	95	71.6	274.6	70,400*	64,800*	59,800*			205	44.9	206.4	15,600*	14,600*	13,800*	12,900*		
	100	70.5	272.9	65,900*	60,900*	56,400*			210	43.4	201.3	14,200*	13,400*	12,600*	11,800*		
	105	69.4	271.0	61,900*	57,300*	53,200*			215	41.9	195.8	12,900*	12,200*	11,400*	10,700*		
	110	68.3	269.1	58,200*	54,100*	50,300*			220	40.3	190.1	11,700*	11,000*	10,300*	9,700*		
	115	67.2	267.1	54,800*	51,000*	47,600*			225	38.7	184.0	10,600*	9,900*	9,300*	8,700*		
	120	66.1	264.9	51,800*	48,300*	45,100*			230	37.0	177.6	9,500*	8,900*	8,300*	7,700*		
	125	65.0	262.6	48,900*	45,700*	42,700*			235	35.3	170.8	7,300*	7,300*	7,300*	6,800*		
	130	63.8	260.2	46,200*	43,300*	40,600*											
	135	62.7	257.7	43,800*	41,000*	38,500*											
	140	61.5	255.1	41,400*	38,900*	36,300*											
	145	60.4	252.3	39,200*	36,600*	34,100*											
	150	59.2	249.4	36,800*	34,300*	32,000*											
	155	58.0	246.3	34,200*	32,200*	30,100*											
	160	56.8	243.1	31,800*	30,000*	28,200*											
	165	55.5	239.8	29,500*	27,800*	26,200*											
170	54.3	236.2	27,400*	25,800*	24,300*												
175	53.0	232.6	25,400*	23,900*	22,500*												
180	51.7	228.7	23,500*	22,100*	20,900*												
185	50.4	224.7	21,700*	20,500*	19,300*												
190	49.1	220.4	20,000*	18,900*	17,800*												
195	47.7	216.0	18,500*	17,400*	16,400*												
200	46.3	211.3	17,000*	16,000*	15,000*												
205	44.9	206.4	15,600*	14,600*	13,800*												
210	43.4	201.3	14,200*	13,400*	12,600*												
215	41.9	195.8	12,900*	12,200*	11,400*												
220	40.3	190.1	11,700*	11,000*	10,300*												
225	38.7	184.0	10,600*	9,900*	9,300*												
230	37.0	177.6	9,500*	8,900*	8,300*												
235	35.3	170.8	7,300*	7,300*	7,300*												

MANITOWOC 4600 SERIES 5  
 LIFT CRANE CAPACITIES - 164,400 LB. CRANE CWT., 110,000 LB. CARBODY CWT.  
 BOOM NO. 27B WITH OPEN THROAT TOP  
 CRAWLER MACHINE ON A BARGE - 0 DEGREE THRU 3 DEGREE MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY				BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY
				0° LIST POUNDS	1° LIST POUNDS	2° LIST POUNDS	3° LIST POUNDS					0° LIST POUNDS
003	55	80.7	305.0	132,500*	115,000*			310	55	81.0	315.1	130,000*
	60	79.7	304.1	118,600*	104,000*				60	80.1	314.3	116,200*
	65	78.8	303.2	107,200*	94,700*	91,900*	75,400*		65	79.1	313.4	104,900*
	70	77.8	302.1	97,500*	86,900*	77,700*	69,900*		70	78.2	312.4	95,300*
	75	76.8	301.0	89,300*	80,000*	72,000*	65,000*		75	77.2	311.3	87,200*
	80	75.8	299.8	82,200*	74,100*	66,900*	60,700*		80	76.3	310.1	80,100*
	85	74.8	298.5	76,100*	68,800*	62,400*	56,800*		85	75.3	308.8	74,000*
	90	73.8	297.1	70,600*	64,100*	58,400*	53,300*		90	74.4	307.5	68,600*
	95	72.8	295.6	65,700*	59,900*	54,700*	50,100*		95	73.4	306.0	63,800*
	100	71.8	294.0	61,400*	56,100*	51,400*	47,100*		100	72.4	304.5	59,400*
	105	70.8	292.3	57,400*	52,600*	48,300*	44,400*		105	71.5	302.9	55,500*
	110	69.8	290.5	53,800*	49,500*	45,500*	41,900*		110	70.5	301.1	52,000*
	115	68.8	288.6	50,600*	46,600*	42,900*	39,600*		115	69.5	299.3	48,800*
	120	67.8	286.6	47,600*	43,900*	40,600*	37,500*		120	68.5	297.4	45,800*
	125	66.7	284.5	44,800*	41,400*	38,300*	35,500*		125	67.5	295.4	43,100*
	130	65.7	282.3	42,200*	39,100*	36,200*	33,600*		130	66.5	293.3	40,500*
	135	64.6	280.0	39,800*	36,900*	34,300*	31,800*		135	65.5	291.1	38,200*
	140	63.6	277.6	37,600*	34,900*	32,400*	30,100*		140	64.5	288.7	36,000*
	145	62.5	275.1	35,500*	33,000*	30,700*	28,600*		145	63.5	286.3	33,900*
	150	61.4	272.4	33,500*	31,200*	29,100*	27,100*		150	62.4	283.7	32,000*
	155	60.3	269.6	31,700*	29,500*	27,500*	25,600*		155	61.4	281.1	30,200*
	160	59.2	266.7	29,900*	27,900*	26,000*	24,300*		160	60.3	278.3	28,500*
	165	58.1	263.6	27,600*	25,800*	24,000*	22,400*		165	59.3	275.4	26,800*
	170	57.0	260.5	25,500*	23,800*	22,100*	20,600*		170	58.2	272.3	24,800*
	175	55.8	257.1	23,500*	21,900*	20,400*	18,900*		175	57.1	269.1	22,800*
180	54.7	253.7	21,600*	20,100*	18,700*	17,400*	180	56.0	265.8	20,900*		
185	53.5	250.1	19,800*	18,400*	17,100*	15,900*	185	54.8	262.4	19,100*		
190	52.3	246.3	18,100*	16,800*	15,600*	14,500*	190	53.7	258.8	17,400*		
195	51.1	242.3	16,500*	15,300*	14,200*	13,100*	195	52.6	255.0	15,800*		
200	49.8	238.2	15,000*	13,900*	12,900*	11,800*	200	51.4	251.1	14,300*		
205	48.6	233.9	13,600*	12,600*	11,600*	10,600*	205	50.2	247.1	11,300*		
210	47.3	229.4	12,300*	11,300*	10,400*	9,500*	210	49.0	242.8	8,200*		
215	46.0	224.6	10,500*	10,100*	9,200*	8,400*	215	47.7	238.3	5,200*		
220	44.6	219.7	7,300*	7,300*	7,300*	7,300*	220	46.5	233.7	4,400*		
225	43.3	214.5	4,400*	4,400*	4,400*	4,400*						