

MANITOWOC 36' PLATFORM RINGER
LIFT CRANE CAPACITIES - 550,000# CWT.
BOOM #27A-27 WITH OPEN THROAT TOP
3 DEGREE MACHINE LIST

RAD. IN. FT.	CAPACITIES IN POUNDS						RAD. IN. FT.	
	BOOM LENGTH - FT.							
	140	160	180	200	220	240	260	
45	229,500*							45
50	228,300*	221,300*						50
55	227,200*	219,100*	211,400*					55
60	226,000*	217,000*	210,200*	201,100*	187,300*			60
65	224,900*	214,900*	209,100*	199,500*	185,300*			65
70	223,700*	212,800*	208,000*	198,000*	183,300*	173,900*	150,000*	70
75	222,600*	210,700*	206,900*	196,500*	181,400*	168,100*	148,600*	75
80	221,500*	208,600*	196,100*	185,900*	174,900*	162,300*	147,200*	80
85	210,100*	198,000*	186,300*	176,500*	167,700*	156,800*	145,900*	85
90	199,800*	188,400*	177,300*	168,200*	159,300*	151,700*	141,300*	90
95	190,400*	179,700*	169,100*	160,600*	152,100*	144,800*	136,900*	95
100	181,900*	171,700*	161,700*	153,500*	145,500*	138,300*	131,900*	100
105	174,300*	164,400*	154,800*	147,100*	139,400*	132,500*	125,900*	105
110	167,200*	157,700*	148,500*	141,100*	133,700*	127,100*	120,800*	110
115	156,400*	151,600*	142,600*	135,500*	128,500*	122,100*	116,100*	115
120	145,900*	145,900*	137,200*	130,400*	123,600*	117,500*	111,600*	120
125	136,100*	140,700*	132,100*	125,500*	119,000*	113,100*	107,500*	125
130	126,800*	135,800*	127,500*	121,100*	114,700*	109,000*	103,500*	130
135	117,900*	129,900*	123,100*	116,900*	110,700*	105,100*	99,900*	135
140	109,200*	122,800*	119,000*	112,900*	106,900*	101,500*	96,400*	140
145		116,000*	115,300*	109,300*	103,300*	98,100*	93,100*	145
150		108,800*	111,700*	105,800*	100,000*	94,900*	90,000*	150
155		101,800*	107,700*	102,600*	96,800*	91,800*	87,000*	155
160		94,800*	102,300*	99,500*	93,900*	88,900*	84,200*	160
165			97,100*	96,700*	91,100*	86,200*	81,600*	165
170			92,200*	94,000*	88,400*	83,600*	79,100*	170
175			86,900*	91,200*	85,900*	81,200*	76,700*	175
180			81,300*	86,800*	83,500*	78,800*	74,400*	180
185				82,600*	81,300*	76,600*	72,300*	185
190				78,600*	79,200*	74,500*	70,200*	190
195				74,800*	77,100*	72,500*	68,200*	195
200				70,600*	73,500*	70,700*	66,400*	200
205					70,000*	68,900*	64,600*	205
210					66,700*	67,200*	62,900*	210
215					63,500*	65,500*	61,300*	215
220					60,300*	62,500*	59,700*	220
225						59,600*	58,300*	225
230						56,800*	56,900*	230
240						51,300*	52,900*	240
250							48,000*	250
260							43,300*	260

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 85% 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 BENEATH BOOM POINT SHEAVES, ETC., 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 ROLLER PATH PROPERLY SUPPORTED AND WITH MACHINE LIST NOT TO EXCEED DEGREES NOTED ABOVE. REFER TO RIGGING #65542, LOAD LINE SPECIFICATION CHART #6907-A AND RANGE CHART #6577-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION AT TOP OF ROLLER PATH TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK.

MACHINE EQUIPPED WITH 390 HOIST, FOUR RINGER SWINGERS, 130' MAST, 8 PART BOOM HOIST REEVING, FOUR 1-3/8 IN. BOOM PENDANTS AND 550,000# COUNTERWEIGHT.