

MANITOWOC 60' PLATFORM RINGER
LIFT CRANE CAPACITIES - 1,206,900# CWT.
BOOM #63
1 DEGREE MACHINE LIST

RAD. IN. FT.	CAPACITIES IN THOUSANDS OF LBS. BOOM LENGTH - FT.								RAD. IN. FT.
	140	160	180	200	220	240	260	280	
55	941.7*								55
60	938.5*								60
65	935.4*								65
70	925.5*								70
75	862.0*								75
80	806.4*								80
85	757.3*								85
90	713.7*								90
95	674.7*								95
100	639.6*								100
105	607.8*								105
110	578.9*								110
115	552.6*								115
120	528.4*								120
125	506.1*								125
130	485.6*								130
135	466.6*								135
140	444.1*								140
145	414.2*								145
150	385.7*								150
155	358.3*								155
160									160
165									165
170									170
175									175
180									180
185									185
190									190
195									195
200									200
205									205
210									210
215									215
220									220
225									225
230									230
235									235
240									240
245									245
250									250
255									255
260									260
265									265
270									270
275									275
280									280

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 (*).

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.

UPPER BOOM POINT CAPACITIES FOR SINGLE PART LINE ARE 44,000# FOR 1-1/4 IN. WIRE ROPE, 45,000# FOR 1-3/8 IN. WIRE ROPE AND 50,000# FOR 1-1/2 IN. OR 1-5/8 IN. WIRE ROPE. CAPACITIES FOR TWO PART LINE ARE 33,000# FOR 1-1/4 IN. WIRE ROPE, 30,000# FOR 1-3/8 IN. WIRE ROPE AND 100,000# FOR 1-1/2 IN. WIRE ROPE. 1-5/8 IN. WIRE ROPE CANNOT BE USED FOR TWO PART LINE. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR THE MAIN BOOM CAPACITY.

MACHINE TO OPERATE WITH ROLLER PATH PROPERLY SUPPORTED AND WITH MACHINE LIST NOT TO EXCEED DEGREES NOTED ABOVE. REFER TO RIGGING #65742, LOAD LINE SPECIFICATION CHART #6928-A AND RANGE CHART #6952-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 3 DRUM (2 DRUM SHAFTS) 560 HOIST, FOUR RINGER SWINGERS, 130' MAST, 18 PART BOOM HOIST REEVING, EIGHT 1-3/8 IN. BOOM PENDANTS AND 1,206,900# COUNTERWEIGHT.