

CROFTON
INDUSTRIES

Manitowoc 4000W Ringer



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MANITOWOC 4000W RINGER - 50,000# AUXILIARY CWT.
RINGER CAPACITIES - 36 FT. RINGER ATTACHMENT
ON BLOCKING OR SCREW JACKS
BOOM #22 WITH OPEN THROAT TOP
BARGE MOUNT - 1.5 DEGREE MACHINE LIST

RAD. IN FT.	CAPACITIES IN POUNDS												RAD. IN FT.
	BOOM LENGTH - FT.												
	70	80	90	100	110	120	130	140	150	160	170	180	
30	365,500*												30
32	358,800*	323,700*	295,400*										32
34	352,400*	317,900*	290,200*	266,400*									34
36	346,400*	312,200*	285,200*	262,000*	241,100*								36
38	340,700*	306,900*	280,400*	257,700*	237,300*	220,300*							38
40	331,100	301,700*	275,800*	253,800*	233,600*	217,000*	201,950*						40
45	271,200	270,400	264,900*	243,800*	224,800*	209,200*	195,030*	181,300*	169,800*	159,500*			45
50	223,600*	228,200	227,800	217,100	216,700*	201,900*	188,500*	175,300*	164,400*	154,800*	145,500*	137,100*	50
55	187,400*	192,500*	198,700	196,000	195,500	195,100*	182,300*	169,600*	159,400*	150,200*	141,400*	133,400*	55
60	160,000*	164,700*	168,700*	171,600*	171,600	171,200	170,700	164,300*	154,500*	149,800*	141,600*	133,700*	60
65	138,300*	142,900*	146,700*	149,400*	152,100*	152,300	151,700	151,100	149,900*	141,600*	137,500*	129,800*	65
70	120,600*	125,300*	129,000*	131,500*	134,000*	136,000*	136,400	135,700	135,200	134,700	133,700*	126,300*	70
75	105,700*	110,700*	114,500*	116,800*	119,200*	121,000*	122,800*	123,000	122,400	122,000	121,500	119,800*	75
80	92,500*	98,300*	102,100*	104,500*	106,800*	108,500*	110,100*	111,000*	111,800	111,300	110,800	110,100	80
85		87,500*	91,600*	94,100*	96,200*	97,900*	99,400*	100,300*	101,400*	102,200	101,600	101,000	85
90			82,400*	85,000*	87,200*	88,900*	90,200*	91,000*	92,000*	92,800*	93,600*	93,100	90
95			74,100*	77,000*	79,300*	81,000*	82,300*	83,000*	83,900*	84,700*	85,400*	85,700*	95
100				69,900*	72,300*	74,000*	75,300*	76,000*	76,900*	77,500*	78,200*	78,400*	100
105				63,400*	66,000*	67,800*	69,100*	69,800*	70,800*	71,300*	71,900*	72,100*	105
110					60,300*	62,200*	63,600*	64,300*	65,100*	65,700*	66,300*	66,400*	110
115					55,000*	57,200*	58,600*	59,400*	60,100*	60,700*	61,200*	61,400*	115
120						52,800*	54,100*	54,900*	55,600*	56,300*	56,700*	56,800*	120
125						48,100*	49,900*	50,800*	51,600*	52,200*	52,700*	52,800*	125
130							46,030*	47,000*	47,800*	48,500*	48,900*	49,000*	130
135							42,330*	43,500*	44,400*	45,100*	45,500*	45,600*	135
140								40,200*	41,200*	41,900*	42,400*	42,500*	140
145									38,200*	39,000*	39,500*	39,600*	145
150									35,300*	36,300*	36,800*	36,900*	150
155										34,700*	34,300*	34,500*	155
160										31,200*	31,900*	32,100*	160
165										29,600*	29,900*	29,900*	165
170										27,400*	27,800*	27,800*	170

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS. CAPACITIES BASED ON STRENGTHS.

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. DEDUCT 1,200# FROM ABOVE CAPACITIES WHEN SINGLE SHEAVE UPPER BOOM POINT IS ATTACHED AND 1,500# WHEN TWO SHEAVE UPPER BOOM POINT IS ATTACHED. 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.

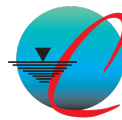
MACHINE TO OPERATE WITH ROLLER PATH PROPERLY SUPPORTED AND WITH MACHINE LIST NOT TO EXCEED DEGREES NOTED ABOVE. REFER TO RIGGING #50493, LOAD LINE SPECIFICATION CHART #6140 OR #6141, RANGE CHART #5379, BLOCKING #65154 OR SCREW JACK SUPPORT #49397. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC 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 BARGE DECK TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK.

MACHINE EQUIPPED WITH 24"-0 EXTENDIBLE CRAWLERS, 48 IN. TREADS, 15' RETRACTABLE GANTRY, 39' MAST WITH 12 PART BOOM HOIST REEVING, FOUR 1-3/8 IN. BOOM PENDANTS, FRONT ROLLER CARRIER HOOK ROLLER ASSEMBLY AND 154,400# OF CRANE AND AUXILIARY COUNTERWEIGHT.

DJK
REV. 2/6/79
DRWG. #2294-A

MANITOWOC ENGINEERING CO.
MANITOWOC, WISCONSIN



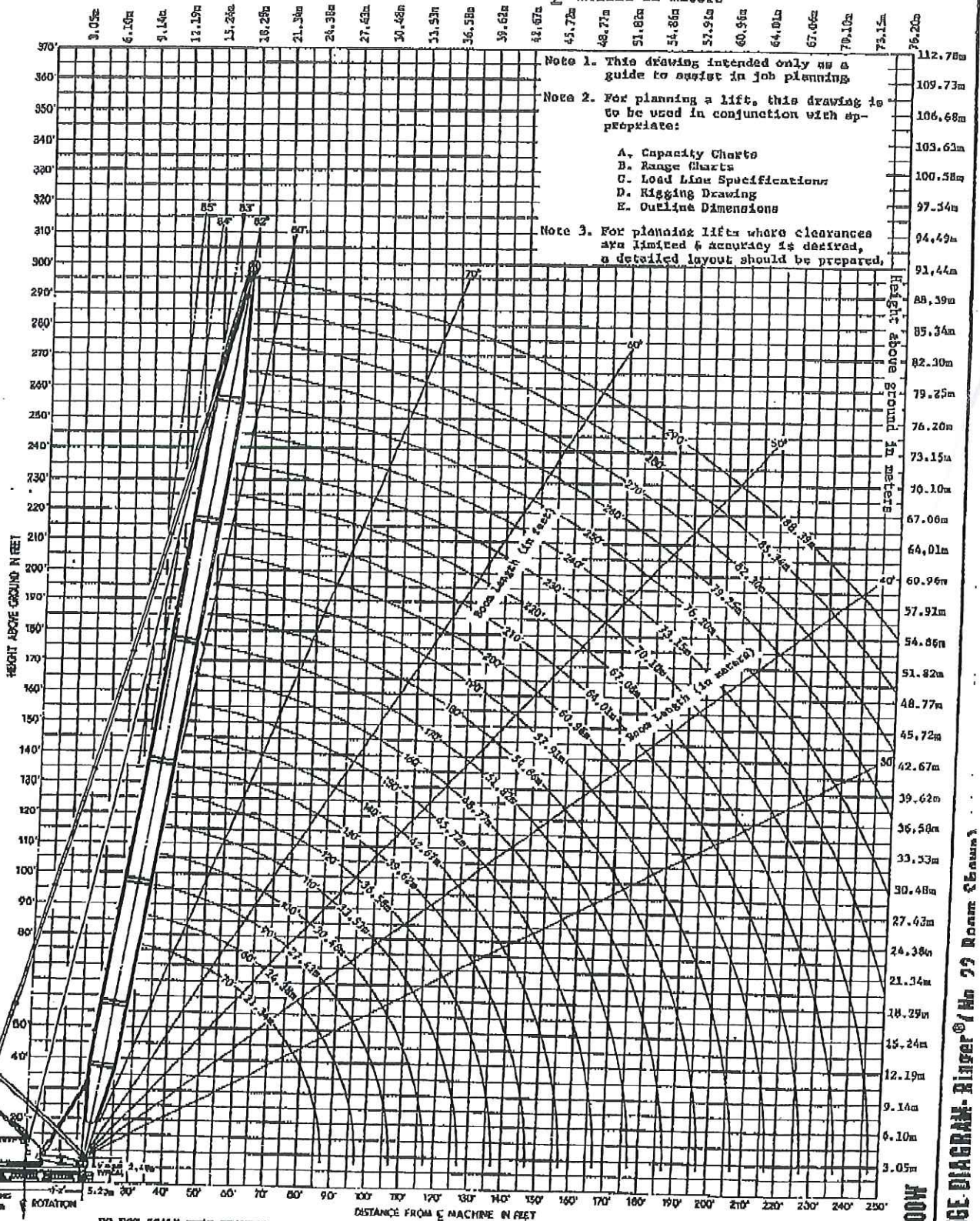
CROFTON
INDUSTRIES

MANITOWOC ENGINEERING CO.

A Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin

Distance from machine in meters



Larger Size Diagrams Available - Contact Dealer.

See Reverse Side