

MANITOWOC MODEL 2000 THRU 4000
BASIC SPECIFICATIONS

MACH. NO. 4075 LIFT CRANE X DRAGLINE _____ CLAMSHELL _____ SHOVEL _____ HOE _____
 S.O. NO. _____ DATE ISSUED May 17, 1963 DATE SHIPPED Aug. 6, 1963
 SHIP TO Chicago, ILLINOIS
 DISTRIBUTOR DEPCO EQUIPMENT COMPANY
 BUYER MC NALLY & NIMMERGOOD INC.
 PURCHASE ORDER NO. 8461 ROUTE Best
 EXPORT YES NO X PAINTING Standard
 LETTERING

MACHINE DATA-BASIC

ENGINE DRIVE SPROCKET 24499 - 24T. 24500 - 24T.
 DRIVEN SPROCKET 32673 - 146T. 32541 - 146T.
 TRANSMISSION 1" pitch 4 strand 196 pitches - 1" pitch 3 strand 258 P.
 CRAWLER SHOE 40246 - 48"
 CRAWLER DRIVE CHAIN Jeffrey 1605 AAA
 CRAWLER END BLOCK

SHOVEL SPROCKET WEDGE WEDGE
 RIGHT DRUM LAGGING
 LEFT DRUM LAGGING 31082 - 21" dia. No Groove
 CONTROL AIR X on Swing Clutches MANUAL X
 COUNTERWEIGHT 42963 - Box 3,500# Fill 36,600# Total 40,100# } TOTAL
 42523 - Box 2,820# Fill 33,000# Total 35,820# } COUNTERWEIGHT
 42528 - Box 2,423# Fill 26,055# Total 28,478# } 104398#

CRANE & DRAGLINE DATA BOOM TYPE NO. 17 PENDANTS
 BOOM BASE 50304 - 26 Ft. 2- 276707 - 24 Ft. 6 in.
 BOOM UPPER END 50303 - 34 Ft. 62- 276708 - 10 Ft.
 BOOM INSERT 4-32693-2 - 20 Ft. No lugs. 42- 276709 - 20 Ft.
 BOOM INSERT 32692-9 - 10 Ft. with Eq. lug. 8- 276710 - 30 Ft.
 BOOM INSERT 32695-2 - 30 Ft. with Jib Back Stay lug.
 BOOM INSERT 3-32694-2 - 30 Ft. without lugs.
 GANTRY YES X NO (32684) BOOM LENGTH 210 Ft.

FURNISH OPERATING LINES FOR 210 Ft. BOOM AND 50 Ft. JIB.
 RIGHT DRUM CABLE 980 Ft. 1-1/8" 6 x 25 RL, IWRC Imp Plow Steel
 LEFT DRUM CABLE 545 Ft. 1-1/8" 6 x 25 RL, IWRC Imp Plow Steel
 BOOM HOIST CABLE 450 Ft. 1" 6 x 27 Type FS, LL, IWRC Imp Plow Steel
 JIB BACK STAY CABLE 2- 78 Ft. ea. 7/8" 6 x 25 Imp Plow Steel IWRC
 BOOM BRIDLE CABLE
 SHOVEL HOIST CABLE
 SHOVEL TRIP CABLE
 SHOVEL BOOM HOIST CABLE

SHOVEL DATA

BOOM STICK CROWD CHAINS
 DIPPER SIZE SERIAL NO. TYPE DIPPER
 RETRACT CHAINS DIPPER DOOR

POWER PLANT DATA

FAN _____ SUCTION X BLOWER X
 ENGINE CUMMINS NHRS-6-1 SERIAL NO. 304879
 TORQUE CONVERTER YES X NO _____
 GOVERNOR CONTROL YES X NO _____
 ELECTRIC STARTING YES X NO _____
 GOVERNED SPEED LOW IDLE _____ O.S. GOV. SPEED _____ HIGH IDLE _____ STALL _____
 R.P.M.

CAPACITY CHART DRWG. NO. 5074 2-23-67
 CAPACITY CHART NO.
 CAPACITY PLATE 4784 6-19-63 RENTAL PLATE
 SPECIALS

MANITOWOC ENGINEERING CO.

A Division of The Manitowoc Company, Inc.

Manitowoc Wisconsin

LIFTING CAPACITIES - 4000

BOOM NO. 17 - LIFTCRANE

CAPACITIES IN THOUSANDS OF LBS.

RAD. FT.	Boom Length - Ft.																RAD. FT.
	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	
16	300.0	283.3	259.4	226.0													16
17	269.8	262.6	256.3	226.0													17
18	243.4	243.1	238.8	226.0	197.7												18
19	221.6	221.2	221.1	217.7	197.7	197.7											19
20	203.3	202.9	202.7	202.3	197.7	195.9											20
22	174.4	173.9	173.7	173.2	173.1	172.8	169.5	168.2									22
24	152.4	151.9	151.7	151.2	151.0	150.7	150.3	150.1	141.2								24
26	135.2	134.7	134.5	134.0	133.8	133.5	133.0	132.8	132.4	132.0	113.0						26
28	121.4	120.9	120.6	120.1	119.9	119.6	119.1	118.9	118.5	118.1	113.0	113.0					28
30	110.0	109.5	109.2	108.7	108.5	108.2	107.7	107.4	107.1	106.6	106.3	106.0	105.5	105.2			30
32	100.5	100.0	99.7	99.2	99.0	98.6	98.2	97.9	97.5	97.1	96.8	96.4	95.9	95.6	84.7		32
34	92.4	91.9	91.6	91.1	90.9	90.5	90.0	89.8	89.4	88.9	88.6	88.3	87.8	87.5	84.7	84.7	34
36	85.5	84.9	84.7	84.1	83.9	83.6	83.1	82.8	82.4	82.0	81.6	81.3	80.8	80.5	80.1	79.6	36
38	79.5	78.9	78.6	78.1	77.9	77.5	77.0	76.7	76.4	75.9	75.6	75.2	74.7	74.4	74.0	73.5	38
40	74.2	73.6	73.3	72.8	72.6	72.2	71.7	71.4	71.1	70.6	70.2	69.9	69.4	69.0	68.6	68.2	40
45	63.4	62.9	62.6	62.0	61.8	61.4	60.9	60.6	60.2	59.7	59.4	59.0	58.5	58.2	57.8	57.3	45
50	55.2	54.6	54.4	53.8	53.5	53.2	52.7	52.4	52.0	51.5	51.1	50.8	50.3	49.9	49.5	49.0	50
55	48.8	48.1	47.9	47.3	47.0	46.7	46.1	45.8	45.5	44.9	44.6	44.2	43.7	43.4	43.0	42.5	55
60	43.5	42.9	42.6	42.0	41.8	41.4	40.9	40.6	40.2	39.7	39.3	38.9	38.4	38.1	37.7	37.2	60
65		38.6	38.3	37.7	37.4	37.1	36.5	36.2	35.8	35.3	35.0	34.6	34.1	33.7	33.3	32.8	65
70		34.9	34.6	34.0	33.8	33.4	32.9	32.6	32.2	31.6	31.3	30.9	30.4	30.0	29.6	29.1	70
75			31.5	30.9	30.7	30.3	29.7	29.4	29.1	28.5	28.2	27.8	27.3	26.9	26.5	26.0	75
80			28.9	28.2	28.0	27.6	27.1	26.8	26.4	25.8	25.5	25.1	24.6	24.2	23.8	23.3	80
85				25.9	25.7	25.3	24.7	24.4	24.0	23.5	23.1	22.7	22.2	21.8	21.4	20.9	85
90				23.9	23.6	23.2	22.7	22.4	22.0	21.4	21.1	20.7	20.1	19.8	19.4	18.8	90
95					21.8	21.4	20.8	20.5	20.2	19.6	19.3	18.9	18.3	18.0	17.5	17.0	95
100					20.2	19.8	19.2	18.9	18.5	18.0	17.6	17.2	16.7	16.3	15.9	15.4	100
105						18.3	17.8	17.5	17.1	16.5	16.2	15.8	15.2	14.9	14.4	13.9	105
110							16.4	16.1	15.8	15.2	14.9	14.4	13.9	13.5	13.1	12.6	110
115							15.3	15.0	14.6	14.0	13.7	13.3	12.7	12.3	11.9	11.4	115
120								13.9	13.5	12.9	12.6	12.2	11.6	11.3	10.8	10.3	120
125								12.9	12.5	11.9	11.6	11.2	10.6	10.3	9.8	9.3	125
130									11.6	11.0	10.7	10.2	9.7	9.3	8.9	8.4	130
135									10.7	10.2	9.8	9.4	8.9	8.5	8.1	7.5	135
140										9.4	9.0	8.6	8.1	7.7	7.3	6.8	140
145										8.7	8.3	7.9	7.4	7.0	6.6	6.0	145
150											7.6	7.2	6.7	6.3	5.9	5.4	150
155											7.0	6.6	6.1	5.7	5.3	4.7	155
160												6.0	5.5	5.1	4.7	4.1	160
165												5.2	4.9	4.6	4.1	3.6	165
170													4.4	4.0	3.6	3.1	170
175													3.2	3.6	3.1	2.6	175
180														2.9	2.7	2.1	180
185														1.6	2.2	1.7	185

Capacities in pounds do not exceed 75% of tipping with boom across crawlers and machine on firm level ground. Weight of load block, weight ball, slings, etc., is considered part of the load.

Machine to be equipped with 21'-10" crawlers, 48" treads, 15' gantry, 10 part boom hoist rigging, 1 7/8" pendant bridges. 1st Cwt. - 40,100 lbs; 2nd Cwt. - 35,800 lbs; 3rd Cwt. - 28,500 lbs.

When 30', 40' or 50' of No. 121 jib is attached, deduct 1800 lbs., 2050 lbs., and 2300 lbs. respectively. When 30' or 40' of No. 113 jib is attached, deduct 3000 lbs. and 3450 lbs. respectively.

Maximum boom lengths: 210 ft. without jibs, 200 ft. with jibs.