

MANITOWOC ENGINEERING COMPANY
Shop Order Text For Serial No

MANITOWOC 4100W BASIC SPECIFICATIONS

TYPE: LIFT CRANE X DRAGLINE CLAMSHELL
MODEL: 4100W SERIES 1
S.O. NUMBER:
SERIAL NO:
DISTRIBUTOR:
BUYER:
SHIP TO:
DATE SHIPPED:

MACHINE DATA

	HOIST	SWING
ENGINE DRIVE SPROCKET:	92124-2 29T	92053-2 21T
DRIVEN SPROCKET:	33040-2 145T	92052-2 74T
TRANSMISSION CHAIN:	1"P 4-STR 198P(#335216)	1"P 3-STR 160P(#335215)
TRANSMISSION RATIO:		
ENGINE SHAFT:	175666-2 41T	175667-2 37T
CONVERTER:	175666-2 41T	175666-2 41T
CHAIN:	3/4"P 6-STR 90P(#335083)	3/4"P 6-STR 84P(#335092)

DRUMS	LAGGING	WEDGE	ROPE SIZE
SINGLE FRONT: 180533-9	BARE	15836-2	1-1/8"
SINGLE REAR: 180533-9	48935-4 PLAIN LIFT	15836-2	1-1/8"
BOOM HOIST: 182834-9	502307-0 GR 7/8"	77698-2	7/8"
182835-9	502307-0 GR 7/8"	77698-2	7/8"

CRAWLER: LENGTH-26 FT 6 IN (#48384) TREAD-48" (#40246)

DRIVE CHAIN: 5-1/2"P 1-STR 62P (#335217)

COUNTERWEIGHT:	49487	TOTAL WEIGHT:	122,400#
INSIDE:	190744-9 BOX 4,650#	FILL 37,250#	TOTAL 41,900#
CENTER:	49484-9 BOX 3,850#	FILL 37,650#	TOTAL 41,500#
OUTSIDE:	190745-9 BOX 3,450#	FILL 35,550#	TOTAL 39,000#
RIGHT SIDE:			
LEFT SIDE:			
CARBODY:			

POWER PLANT DATA:

ENGINE:	CUMMINS N14-C360	SERIAL NUMBER:	11859451
TORQUE CONVERTER	YES X NO		
ELECTRIC STARTING	YES X NO		
GOVERNOR CONTROL	YES X NO		
GOVERNED SPEED RPM-LOW IDLE		HIGH IDLE	O.S. GOV SPEED STALL
FAN SUCTION X	BLOWER X		



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S.O. 4132

BOOM DATA

RIGGING ASSEMBLY #190693 BOOM TYPE #22C BOOM LENGTH: 180 FT

SECTION	PART #	LENGTH	PENDANT	LENGTH
BUTT:	48705-4	30 FT		
TOP:	65773-2	40 FT	(3) 276963	40' - 9 3/4" BASIC
INSERT:	33407-3	10 FT	(4) 276861	10' INSERT
INSERT:	*623580-0	20 FT	(4) 276862	20' INSERT
INSERT:	**623535-0	40 FT	(8) 276863	40' INSERT
INSERT:	**623545-0	40 FT		
*PER DRWG 33426				
**PER DRWG 50609				

JIB DATA

RIGGING ASSEMBLY	JIB TYPE	JIB LENGTH	FT	
SECTION	PART #	LENGTH	PENDANT	LENGTH
BUTT:				
TOP:				
INSERT:				
STRUT:				
JIB STOP PENDANT:				
JIB STOP PENDANT:				
BACKSTAY PENDANT:				
BACKSTAY PENDANT:				

COUNTERWEIGHT HANDLING PENDANTS: (2) 276891-0 12' - 2"

GANTRY: 190273-2 17 FT

WIRE ROPE PER CUSTOMER SPECIFICATIONS

LIFT LOAD LINE:
LIFT WHIP LINE:
CLAM CLOSING:
CLAM HOLDING:
DRAG LINE:
DRAG HOLDING:
AUXILIARY DRUM:
BOOM HOIST: 760' - 7/8" - 6X26 ALT LAY WS EEIPS IWRC - #719283

CAPACITY CHARTS

LIFTCRANE CAPACITIES: 6950-A
CLAMSHELL CAPACITIES:
DRAGLINE CAPACITIES:
JIB CAPACITIES:
OPERATING RANGE DIAGRAM:
RANGE DIAGRAM: 50807
LOAD LINE SPECIFICATIONS: 5345
DRUM & LAGGING CHART: 6105
BARGE LIFT CHART:
BARGE CLAM CHART:
BARGE DRAG CHART:

118 rows selected.