

MANITOWOC 4100W BASIC SPECIFICATIONS
TO BE USED WITH TOWER ATTACHMENT S/N
1ST OPERATION - LIFTCRANE

TYPE: LIFTCRANE X DRAGLINE CLAMSHELL
 MODEL: 4100W SERIES 1
 S.O. NUMBER: 4119
 SERIAL NO: 419057
 DISTRIBUTOR: MANITOWOC FORSYTHE
 BUYER: LAQUILA INDUSTRIES INC -BROOKLYN NY
 SHIP TO: LAQUILA INDUSTRIES - BROOKLYN NY
 DATE ISSUED: 2-17-94 DATE SHIPPED: 4-4-94
 PAINTING: LETTERING:
 DOMESTIC
 ROUTE:

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:	24446-2 41T	24447-2 37T
CONVERTER:	24446-2 41T	24446-2 41T
CHAIN:	3/4"P 6-STR 90P(#335083)	3/4"P 6-STR 84P(#335092)

DRUMS	LAGGING	WEDGE	ROPE SIZE
SINGLE FRONT: 180533-2	48935-4	15836-2	1-1/8"
SINGLE REAR: 180533-2	48935-4 PLAIN LIFT	15836-2	1-1/8"
BOOM HOIST: 182834-4	502307-0 GR 7/8"	77698-2	7/8"
182835-4	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#		
	BOX	FILL	TOTAL
INSIDE: 190744-2	4,650#	37,250#	41,900#
CENTER: 49484-2	3,850#	37,650#	41,500#
OUTSIDE: 190745-2	3,450#	35,550#	39,000#
RIGHT SIDE:			
LEFT SIDE:			
CARBODY:			

POWER PLANT DATA:

ENGINE: CUMMINS NTA 855-360	SERIAL NUMBER: 11719810
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	

BOOM DATA

RIGGING ASSEMBLY #190693

BOOM TYPE #22C

BOOM LENGTH: 240 FT

SECTION	PART #	LENGTH	PENDANT	LENGTH
BUTT:	48705-4	30 FT		
TOP:	65773-2	40 FT	(4) 276963	40' - 9 3/4" BASIC
INSERT:	(1) 33407-3	10 FT	(4) 276861	10' INSERT
INSERT:	(1) 33426-3	20 FT	(8) 276862	20' INSERT
INSERT:	(1) 623580-0	20 FT		
INSERT:	(1) 623526-0	40 FT	(12) 276863	40' INSERT
INSERT:	(1) 623545-0	40 FT		
INSERT:	(1) 623535-0	40 FT		

JIB DATA

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

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:
 LOAD LINE SPECIFICATIONS: 5345
 DRUM & LAGGING CHART: 6105
 BARGE LIFT CHART:
 BARGE CLAM CHART:
 BARGE DRAG CHART: