

ONLY **MANITOWOC** OFFERS TOMORROW'S LIFTCRANE DESIGNS ...TODAY!



TOWER

LIFTCRANE

RINGER®

TRANSPORTER

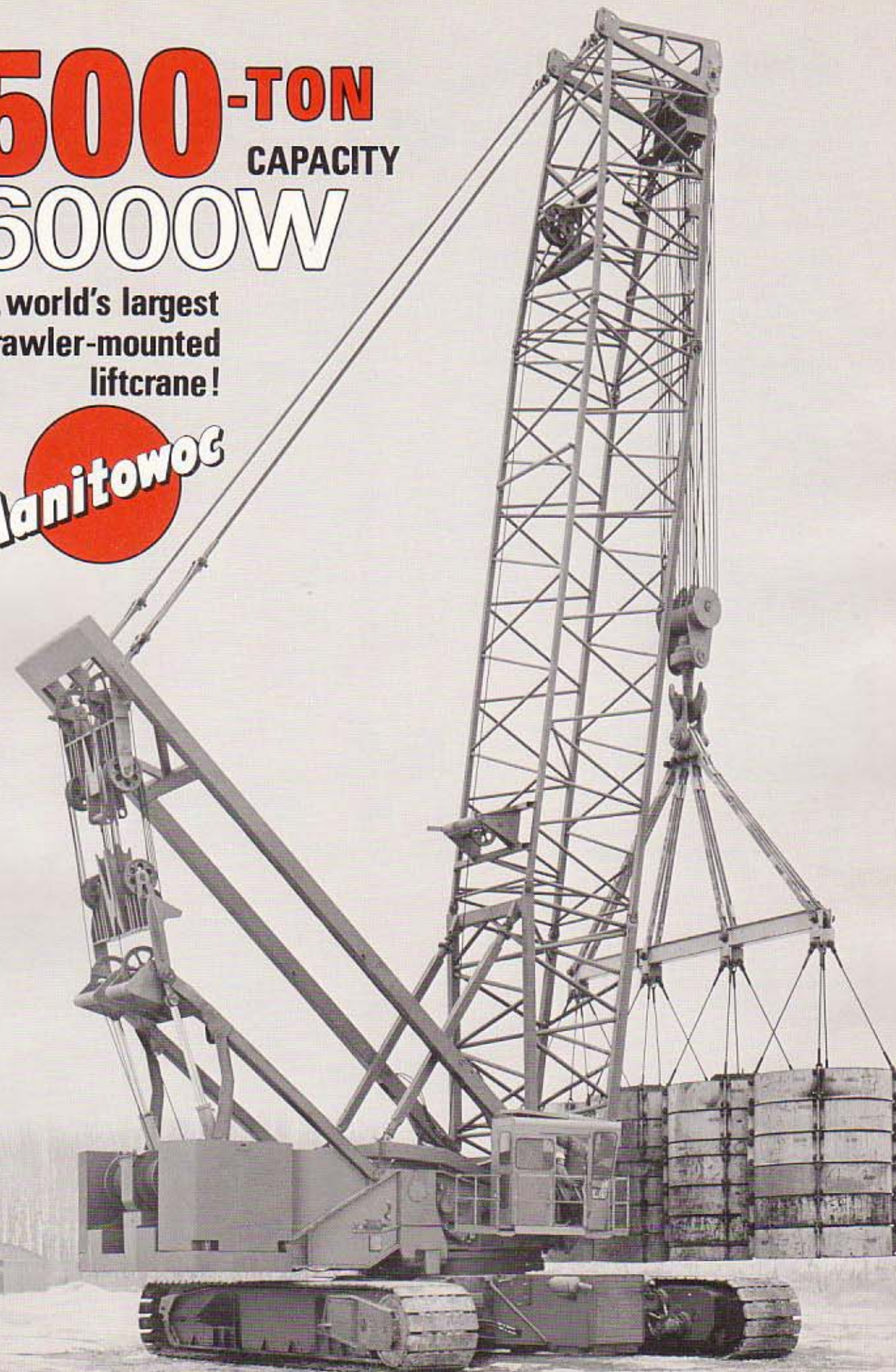
MANITOWOC ENGINEERING CO.
(A division of The Manitowoc Co., Inc.)
MANITOWOC, WISCONSIN 54220



... WORLD'S MOST
VERSATILE CRANES!

500-TON CAPACITY 6000W

...world's largest
crawler-mounted
liftcrane!



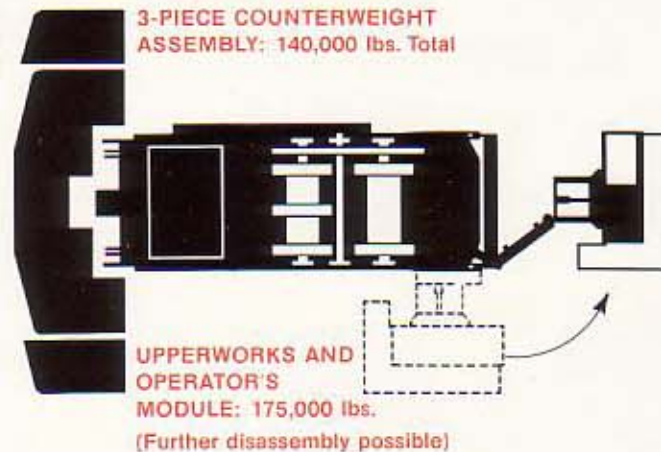
When MANITOWOC introduces a new product, it's really **NEW**

● SHIPABILITY . . . unheard of in a liftcrane of the 6000W's size and capacity.

Widest component, the rotating bed assembly, is only 11'3". Heaviest is the same assembly, approximately 175,000 pounds, which may be shipped on commercially available equipment. It is also designed for even further disassembly if necessary.



GANTRY, MAST, BOOM
HOIST AND RIGGING
ASSEMBLY: 64,000 lbs.



3-PIECE COUNTERWEIGHT
ASSEMBLY: 140,000 lbs. Total

UPPERWORKS AND
OPERATOR'S
MODULE: 175,000 lbs.
(Further disassembly possible)

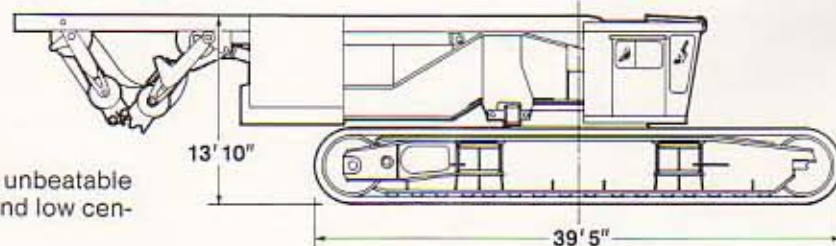
All weights shown are approximate.

PLUS:

1. Power-actuated pins for quick disconnects on major assemblies.
2. Gantry, mast, boom hoist (complete with rigging) removable as a single package for shipment.
3. Operator's module swings to front within width of rotating bed.

● JOB-SITE MOBILITY . . .

low profile gives the 6000W low clearance (13'10"), and independent hydraulically-driven and counter-rotatable retracting crawlers provide tight-quarter maneuverability. Yet, with its 39'5" long crawlers extended to their overall 31' width, the 6000W has unbeatable load-handling stability, with wide stance and low center of gravity.



● SELF-ERECTION CAPABILITY . . .

provides ease of assembly unmatched in many cranes of much smaller size:



1. Mast, gantry, boom hoist and boom hoist rigging, shown folded in a low-clearance position after being installed as one complete assembly.

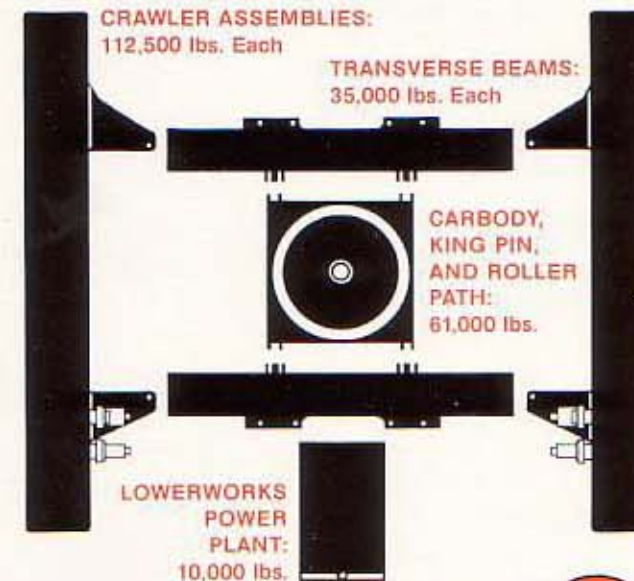


2. Specially designed gantry back-hitch cylinders permit operator to raise gantry and mast hydraulically to the position shown. As gantry and mast are raised, mast cylinders rotate to a near-vertical position (seen just behind operator's module).



3. The mast cylinders then take over and move mast to a forward position where mast may be rigged to handle 80-ton loads for self-erection work. The rigged mast can be used to assemble or disassemble crane components such as crawlers, transverse beams, and working boom or tower.

...with features that will set
the pace for years to come!

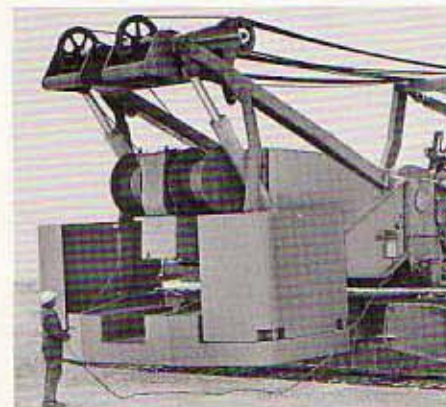
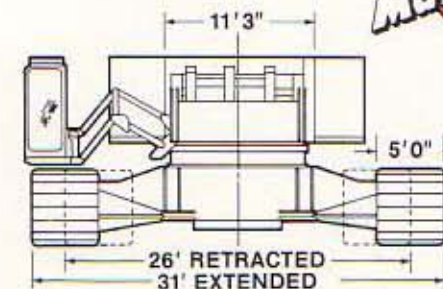


CRAWLER ASSEMBLIES:
112,500 lbs. Each

TRANSVERSE BEAMS:
35,000 lbs. Each

CARBODY,
KING PIN,
AND ROLLER
PATH:
61,000 lbs.

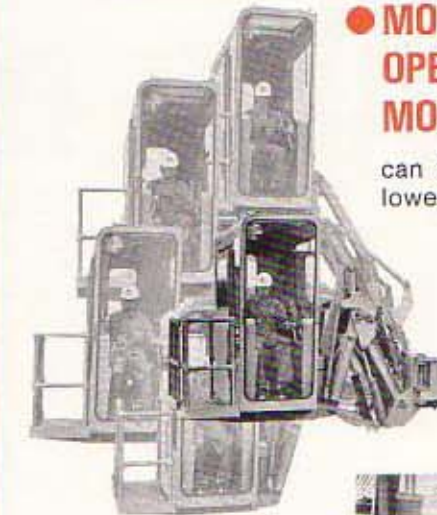
LOWERWORKS
POWER
PLANT:
10,000 lbs.



4. The 6000W also attaches or removes its own counterweights (140,000 pounds total). By remote control, an operator lifts (or lowers) 3-piece counterweight assembly into position with special lifting links coupled to the gantry back-hitch cylinders. Counterweight is then easily pinned in place with air-actuated pins. Lifting links are hinged and always remain attached.

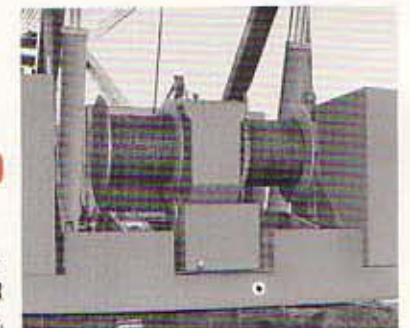
● UNMATCHED VERSATILITY . . .

for any size liftcrane. The 6000W has the built-in capability of field-conversion to Tower, RINGER® and an all-new form of crane "versatility" . . . a Transporter. As a result of its separate power package and independent hydraulically-driven crawlers, the 6000W lowerworks can be used as a heavy duty transporter to move heavy loads to erection site where they can later be set in place with the fully assembled 6000W.



● MOVABLE OPERATOR'S MODULE . . .

can be hydraulically raised, lowered or extended by the operator, for greatest visibility per each lift . . . essential with today's precision placement of expensive, sophisticated heavy equipment.



● REAR-MOUNTED BOOM HOIST . . .

with wire rope capacity for addition of RINGER and Tower attachments.

● TOTAL INDEPENDENT CONTROL . . .

swing, travel, lift and/or boom simultaneously.

● VICON® PRECISION CONTROL . . .

provides unbeatable precision in load handling and placement. VICON gives the 6000W operator infinitely variable independent control of load hoisting and lowering . . . provides 2-speed transmission in drive train for line speeds up to 1,000 feet per minute, required in long boom work, tower work, whip line loads and general light load handling.

● MANITOWOC, COMMITTED TO EXCELLENCE . . .

in design, in fabrication, in assembly, and in searching out the needs of the heavy construction market . . . TODAY and TOMORROW! The 6000W continues Manitowoc's tradition of excellence in providing the world's most versatile and ruggedly dependable cranes.



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