



# MANITOWOC ENGINEERING CO.

A division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220

## WEIGHTS

3900T SERIES-2 VICON®\*

| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                     | APPROX. WEIGHT<br>(IN LBS.) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| * LIFTCRANE - w/No. 9A boom, 74,000# counterweight, gantry w/folding backhitch, Hendrickson carrier w/10,500# front bumper cwt., split drums w/21" dia. lagging for left drum, std. swing, ind. boom hoist, Vicon controlled Cummins NT-855-C310 engine, boom hoist rope, equalizer, telescopic air cushioned boom stop, 155 ton load block . . . 60' OT/T Boom | 240,970**                   |
| 33' HH/T Boom                                                                                                                                                                                                                                                                                                                                                   | 240,840**                   |
| * UPPERWORKS - w/Vicon controlled Cummins NT-355-C310 engine, ind. boom hoist, std. swing and split drums w/21" dia. lagging for left drum; LESS boom, gantry and folding backhitch, equalizer, load block, weight ball, counterweights, boom stop, and catwalk. . . . .                                                                                        | 54,240**                    |
| * UPPERWORKS as above - w/gantry and folding backhitch, equalizer, boom hoist rope . . . . .                                                                                                                                                                                                                                                                    | 59,980**                    |
| * CARRIER - w/10,500# front bumper counterweight, ring gear and roller path, king pin and outriggers w/hydraulic jacks and pads. . . . .                                                                                                                                                                                                                        | 94,070                      |
| SELF-REMOVING COUNTERWEIGHTS                                                                                                                                                                                                                                                                                                                                    |                             |
| * Inner . . . . .                                                                                                                                                                                                                                                                                                                                               | 30,000                      |
| * Middle. . . . .                                                                                                                                                                                                                                                                                                                                               | 31,200                      |
| Outer . . . . .                                                                                                                                                                                                                                                                                                                                                 | 12,800                      |
| BOOM NO. 9A                                                                                                                                                                                                                                                                                                                                                     |                             |
| Boom Butt - 30' . . . . .                                                                                                                                                                                                                                                                                                                                       | 4,460                       |
| Boom Top                                                                                                                                                                                                                                                                                                                                                        |                             |
| Hammerhead (w/wire rope guide and boom point) . . . . .                                                                                                                                                                                                                                                                                                         | 3,850                       |
| Open Throat - 30' (w/lower boom point assembly) . . . . .                                                                                                                                                                                                                                                                                                       | 4,170                       |
| Upper Boom Point - OT/T (shaft and sheaves) . . . . .                                                                                                                                                                                                                                                                                                           | 320                         |
| * Boom Insert - 5' (hammerhead only). . . . .                                                                                                                                                                                                                                                                                                                   | 720                         |
| Boom Insert - 10' (w/rope guide roller assembly). . . . .                                                                                                                                                                                                                                                                                                       | 1,160                       |
| Boom Insert - 20' (w/rope guide roller assembly). . . . .                                                                                                                                                                                                                                                                                                       | 2,040                       |
| * Boom Insert - 40' (w/rope guide roller assembly). . . . .                                                                                                                                                                                                                                                                                                     | 3,170                       |
| * Boom Insert - 40' (w/rope guide roller assembly and jib backstay lugs). .                                                                                                                                                                                                                                                                                     | 3,345                       |
| Link - equalizer to boom top (basic boom w/hammerhead top only) (2 req'd)                                                                                                                                                                                                                                                                                       | 90 each                     |
| Pendant Connecting Link (hammerhead top - for other than basic boom) (2 req'd) . . . . .                                                                                                                                                                                                                                                                        | 115 each                    |
| * Basic Pendant - 30'-10" (4 req'd. for OT/T). . . . .                                                                                                                                                                                                                                                                                                          | 115 each                    |
| Pendant - 5' (4 req'd. per insert). . . . .                                                                                                                                                                                                                                                                                                                     | 70 each                     |
| Pendant - 10' (4 req'd. per insert) . . . . .                                                                                                                                                                                                                                                                                                                   | 85 each                     |
| Pendant - 20' (4 req'd. per insert) . . . . .                                                                                                                                                                                                                                                                                                                   | 110 each                    |
| Pendant - 40' (4 req'd. per insert) . . . . .                                                                                                                                                                                                                                                                                                                   | 165 each                    |
| Pendant Spreader Bar (9A OT/T only) . . . . .                                                                                                                                                                                                                                                                                                                   | 490                         |

\*For non-Vicon machines deduct 3700 lbs. from upperworks and liftcrane weights.

\*\*Weights do not include hoist line, whip line or fuel.

(Cont'd.)

Manitowoc Engineering Co.

WEIGHTS - 3900T SERIES 2 VICON® Cont'd.

DESCRIPTION

APPROX. WEIGHT  
(IN LBS.)

JIB NO. 123

|                                       |          |
|---------------------------------------|----------|
| Jib Top - 15' (w/jib point)           | 695      |
| * Jib Butt - 15'                      | 600      |
| Jib Insert - 10'                      | 340      |
| Basic Pendant - 33' 3-3/4" (2 req'd.) | 115 each |
| Pendant - 10' (2 per insert)          | 65 each  |
| Jib Backstay Pendant.                 | 155 each |
| Jib Strut - 12'-6"                    | 365      |
| Jib Connecting Links (hammerhead top) | 155      |

JIB NO. 124

|                                                 |          |
|-------------------------------------------------|----------|
| * Jib Top - 15' (w/jib point)                   | 525      |
| * Jib Butt - 15'                                | 350      |
| * Jib Insert - 10'                              | 180      |
| Basic Pendant - 78'-3" (single piece pendant)   | 100      |
| Pendant - 10' (2 per insert)                    | 25 each  |
| Jib Backstay Pendant (51' - 10-1/2") (2 req'd.) | 140 each |
| * Jib Strut - 18'                               | 445      |

COMPONENTS

|                                                   |              |
|---------------------------------------------------|--------------|
| Hook Roller (6) w/Shafte.                         | 625          |
| Catwalk - Left, Right, Front and Rear w/Rails     | 2,070        |
| Lagging - 21" Dia. Plain for Left Drum.           | 335          |
| Boom Hoist Rope - 12 Part - 620' of 7/8" - 6 x 26 | 870          |
| Wire Rope Guide Assembly (upper for OT/T)         | 295          |
| Rope Guide Roller Assembly.                       | 40           |
| * 10 or 12-Part Gantry and Folding Backhitch.     | 3,250        |
| Equalizer                                         | 1,450        |
| Hoist Line - 1" - 6 x 25.                         | 1.8 lbs./ft. |
| Whip Line - 1" - 6 x 25                           | 1.8 lbs./ft. |
| 10 Ton Hook and Weight Ball                       | 610          |
| * 100 Ton Load Block Assembly                     | 2,065        |
| * 155 Ton Load Block Assembly                     | 3,550        |
| Boom Stop - Telescopic Air Cushioned.             | 680          |

NOTE: Above weights may fluctuate up or down 5% due to manufacturing tolerances.