



MANITOWOC ENGINEERING CO.

A division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin 54220

WEIGHTS

4600 SERIES I w/NO. 40 BOOM

DESCRIPTION	APPROX. WEIGHT (IN LBS.)
DRAGLINE - w/100' No. 40 boom, 55,000# counterweight, mast and back-hitch, 26'-1" crawlers w/60" treads, single front and rear drums, std. swing, mast hoist, Cummins KTA-1150-C525 engine for hoist. Cummins N-855-C235 engine for swing and travel, mast hoist rope, single sheave upper boom point, wire rope guide, revolving fairlead, and drag interlock.	384,105*
CLAMSHELL - w/100' No. 40 boom, 87,000# counterweight, heavy duty mast and backhitch w/mast sheave for clamshell, 26'-1" crawlers w/60" treads, single front and rear drums w/41" dia. laggings for both drums, std. swing, mast hoist, Cummins KTA-1150-C525 engine for hoist, Cummins N-855-C235 engine for swing and travel, mast hoist rope, double sheave upper boom point, wire rope guide and tagline.	424,670*
UPPERWORKS - w/Cummins KTA-1150-C525 and Cummins N-855-C235 engines, (Dragline) std. swing, mast hoist, single front and rear drums, and drag interlock; <u>LESS</u> boom, mast and backhitch, counterweights, wire rope guide and catwalk.	133,205*
UPPERWORKS - w/Cummins KTA-1150-C525 and Cummins N-855-C235 engines, (Clamshell) std. swing, mast hoist, single front and rear drums w/41" dia. laggings for both drums; <u>LESS</u> boom, mast and backhitch, counterweights, wire rope guide and catwalk	136,925*
UPPERWORKS (DRAG) as above, w/mast and backhitch, mast hoist rope and carbody; <u>LESS</u> crawlers.	200,515*
UPPERWORKS (CLAM) as above, w/heavy duty mast and backhitch, mast hoist rope and carbody; <u>LESS</u> crawlers	210,335*
CARBODY - w/roller path, ring gear and king pin; <u>LESS</u> crawlers.	55,160
CRAWLERS, 26'1" w/60" treads.	53,595 each
REMOVABLE COUNTERWEIGHTS	
Rear Cwt	32,000
* Rear Cwt	10,000
Lower Center.	36,000
Lower Right	9,500
Lower Left.	9,500

*Modify upperworks weight for optional power plants by adding 600# for GM 12V-71N Vicon, and deducting 470# for Cat. D-379 Vicon.

(Cont'd).

Manitowoc Engineering Co.

WEIGHTS 4600 - SERIES I w/NO. 40 BOOM Cont'd.

APPROX. WEIGHT
(IN LBS.)

BOOM NO. 40

Boom butt - 40'	5,950
Boom top - 40' (w/single sheave boom point) DRAG.	5,015
Boom top - 40' (w/double sheave boom point) CLAM.	5,480
Tapered insert.	2,305
Boom insert - 20'	2,660
Boom insert - 40'	4,515
Pendant - 90'.3" (100' boom) (4 req'd)	485 each
Pendant - 109'.5" (120' boom) (4 req'd)	560 each
Pendant - 129' (140' boom) (4 req'd)	630 each

COMPONENTS

Hook Rollers (6) w/pins	910
Catwalk - Left side w/railings.	750
Lagging - 41" Dia. grooved for 1-3/8" or 1-5/8" rope.	1,860 each
Mast Hoist Rope - 2 pcs. 310' Each, 1-1/8" - 6 x 25	1,550
Wire rope guide	350
12 - part mast and backhitch (Drag)	10,600
12 - part heavy duty mast and backhitch (Clam)	16,700
Dragline Hoist Line - 1-3/8" - 6 x 25	3.5 lbs./ft.
Dragline Drag Line - 1-5/8" - 6 x 21.	4.9 lbs./ft.
Clamshell Closing line - 1-3/8" - 6 x 41.	3.5 lbs./ft.
Clamshell holding line - 1-3/8" - 6 x 41.	3.5 lbs./ft.
Dragline fairlead - revolving type.	4,160
Tagline	1,280

NOTE: The above weights may fluctuate \pm 5% due to manufacturing tolerances.

