

400 SERIES



LOADMASTER™

"THE TRADITIONAL CHOICE FOR RELIABILITY & PERFORMANCE"

LOADMASTER™

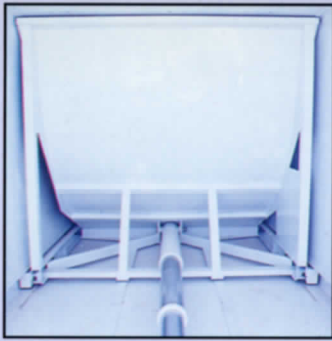


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400 SERIES

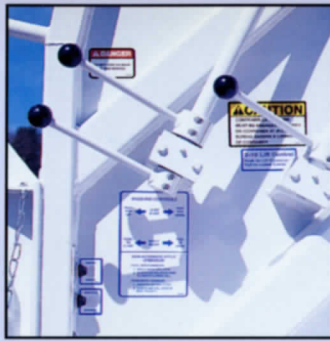


INDUSTRY'S TOUGHEST ROUTES



Ejection Blade

The curved ejection blade rides on six "UHMW" polyethylene wear shoes. Smooth clear ejection blade surface provides clean dumping.



Hydraulic Controls

Controls are located in a comfortable location, mounted in machined "UHMW" polyethylene, for a more smooth wear resistant vibration dampened operation.



Body Side Door

The 400 side door provides a large convenient maintenance access. The attractive contoured door has large grab handles to help enter and exit the compactor body. Side door access ladder provided.



Compaction Blades

The 400 blade design has been perfected over decades of use in tough applications. The blades themselves ride on rollers for minimum friction and big compaction. The large, seven inch diameter bore, sweep cylinders easily crush large bulky materials.



Tailgate Locks

The Loadmaster 400 utilizes heavy duty "turnbuckle" style tailgate locks. Our tailgate lift cylinders have large oversize push rods, with built in restrictors, to slow the drop speed of the truck tailgate. The tailgate seal is a tough 70 durometer.



Optional Container Reeving System

Various container lifting systems are available, including cylinder reeving, drum winch, "kick" bar, Loadmaster Sling system, and various cart tipplers. Several types of container latching systems are also available.



Wiring

Loadmaster believes it has the finest wiring in the industry. All main connectors are "aircraft" type. Each wire has its function printed on the wire itself. Your mechanic should not have to go back and forth with his voltage meter wondering where each wire goes. It's clearly labeled on each wire at the connector!! All wires are enclosed in a breathable, protective, heavy nylon loom covering. Certain optional accessories are provided for in each loom.



Body Side Walls

The Loadmaster 400 utilizes traditional rib style body side walls for years of trouble free performance. Several optional floor and wall thicknesses available to fit your most demanding applications.



Hydraulic Cylinders

Loadmaster utilizes the most advanced design available in its cylinders. We take great pride in the technology and components from which our cylinders are constructed. We could not possibly describe our cylinders in this short paragraph. Call and ask us for a complete description.

Distributed by:



LOADMASTER™

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P.O. Box 186
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FAX (906) 563-9800
Toll Free (800) 433-2768

LOADMASTER 400 SERIES



BODY SPECIFICATIONS

	20 YARD	25 YARD	31 YARD
B—HEIGHT ABOVE CHASSIS FRAME	97"	97"	97"
D—DEPTH OF HOPPER	17.5"	17.5"	17.5"
E—HOPPER BELOW CHASSIS FRAME	21"	21"	21"
F—HOPPER INSIDE WIDTH	77"	77"	77"
G—HOPPER OPENING HEIGHT	62"	62"	62"
H—OVERALL LENGTH	204"	288"	318"
I—OVERALL WIDTH	96"	96"	96"
J—REAR OF BODY TO REAR OF TAILGATE	81"	81"	81"
*—APPROXIMATE BODY WEIGHT	15,700lbs	16,500lbs	17,300lbs
*—LOADING SILL BELOW CHASSIS FRAME	4.0"	4.0"	4.0"
*—HOPPER CAPACITY	3.2 YDS.	3.2 YDS.	3.2 YDS.
HEIGHT ABOVE FRAME [T/G RAISED]	183"	183"	183"

CHASSIS REQUIREMENTS

MODEL	MINIMUM GVW (lbs)	MINIMUM GVW FRONT	MINIMUM GVW REAR	CAB TO TRUNNION	MINIMUM AFTER FRAME
20 YD	48,000	12,000	36,000	136"	24"
25 YD	54,000	14,000	40,000	162"	24"
31 YD	60,000	16,000	44,000	196"	24"

** THESE ARE REQUIREMENTS FOR A STANDARD BODY. CONSULT YOUR DEALER FOR RECOMMENDED SPECIFICATIONS FOR YOUR APPLICATION

* THIS DIMENSION INCLUDES 5" OF CAB TO BODY CLEARANCE
CT WILL INCREASE IF ADDITIONAL CAB TO BODY CLEARANCE IS REQUIRED

Loadmaster reserves the right to change specifications without notice and without obligation to install them on units sold. Information published is informational only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.

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LM400 SPECIFICATIONS

Material Specifications - Body

Body Sides.....	11 GA High Tensile Steel	Optional.....	10 GA, 7 GA
Body Floor.....	10 GA High Tensile Steel	Optional.....	7 GA, 1/4"
Body Roof.....	11 GA High Tensile Steel	Optional.....	7 GA, 1/4"
Longitudinal Channels.....	1/4" High Tensile Steel		
Ejector Track Channel.....	1/4" High Tensile Steel		

Material Specifications - Tailgate

Lower Tailgate Sides.....	3/16" Abrasion Resistant Plate	Optional.....	1/4"
Upper Tailgate Sides.....	10 GA High Tensile Steel	Optional.....	3/16"
Hopper Floor.....	1/4" Abrasion Resistant Plate		
Separator Panel.....	3/16" Abrasion Resistant Plate	Optional.....	1/4"
Hopper Floor Reinforcements.....	(4) 6" Structural Channel		

Material Specifications - Blades

Ejector Face	10 GA High Tensile Steel	Packing Blades Pivot Pins.....	3" Dia.
Ejector Face Reinforcements.....	1/4" High Tensile Steel	Rollers.....	6" Dia.
Ejector Shoe Assembly.....	3/8" High Tensile Steel		
Ejector Guide Shoes.....	UHMW Polyethylene		
Sweep Blade Face.....	3/16" T-1 Steel		
Sweep Blade Pusharms.....	1/2" High Tensile Steel		
Sweep Blade Cutter Bar.....	1/2" x 4"		
Slide Blade Face.....	3/16" Abrasion Resistant Plate		

Hydraulic Specifications

Reservoir.....	70 Gallon	Sweep Cylinders.....	7.0" Bore
Pump.....	Cast Iron Gear	Pack Cylinders.....	5 1/2" Bore
Pump Flow.....	47 GPM	Tailgate Cylinders.....	5 1/2" Bore
Operating Pressure.....	1850 P.S.I.	Ejection Cylinder.....	6 1/2", 7 1/2" Bore
Suction Filter.....	141 Micron/100 Mesh		
Return Filter.....	10 Micron, Double Element		
Body Valve.....	2 Spool - Sectional		
Tailgate Valve.....	2-6 Spool - Sectional		

Electrical Specifications

Wire.....	14 GA SXL	Lights.....	Grommet Mounted Lights
Wire Code.....	Color Coded and Labeled	Buzzer.....	Both Sides of Tailgate
Harness System.....	3	Clearance Lights.....	2 1/2" Dia.
Harness Connections.....	Aircraft Type Duetsch	Stop Turn Tail Lights.....	4" Dia.
Wire Connections.....	Heat Shrink Sealed		

Standard Features

Cast Iron Gear Pump	Chrome Plated Cylinder Rods & Sleeves
Epoxy Prime Paint	Cushioned Slide and Sweep Cylinders
Undercoated Body Floor	Suction Line Shut Off
Heavy Duty Tailgate Turnbuckle Locks	In-Body Oil Tank w/Sight Gauge & Temp Gauge,
Street Side Access Door	Breather and Magnetic Plug
Access Door Ladder	Additional Lights Above Hopper

Optional Features

Hot Shift & Air Shift Power Takeoffs	PTO Kill Switch
Frame Mounted Oil Tank	NYC Light Bar w/7" Lights
Wrapped Hoses	Worklights
Washout System	Strobe Light
	Tool Box
	Drum Winches
	Reeving Winch