

LOADMASTER™

400 SERIES

The Best Just Got Better

A longer, lower body for better weight distribution, abrasion resisting steel plate on all surfaces of the tailgate that are exposed to refuse for longer life, an improved ejector unload system for more consistent payloads, a larger hopper (up to 3.6 cubic yards) for increased productivity. These are just a few of the improvements made to the best to make it better.

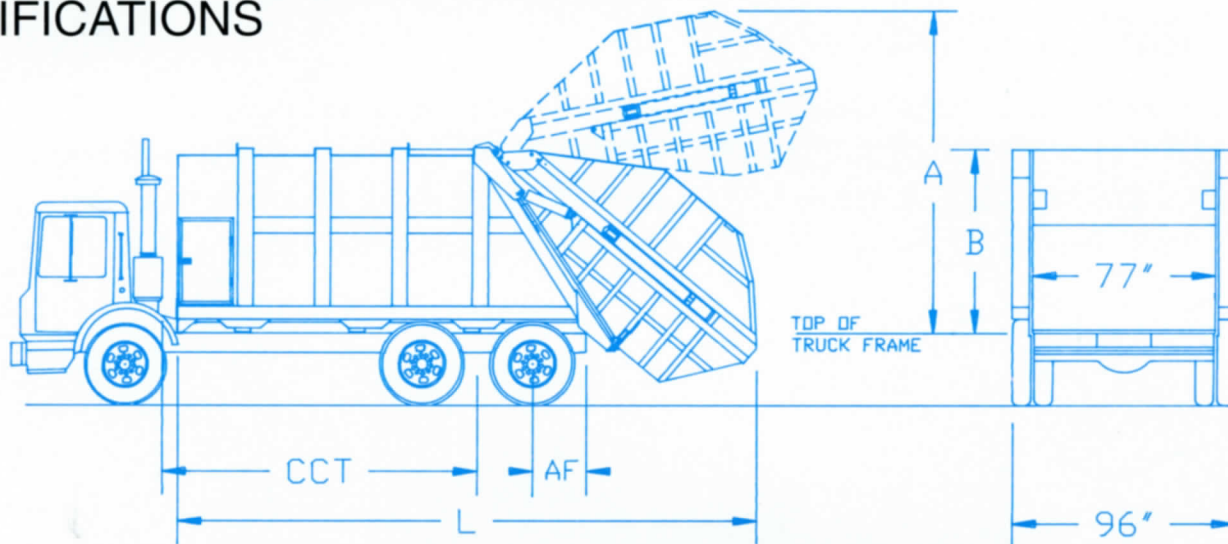


The 400 is designed and built to handle tough jobs. No other high-compaction rear loader can match the 400 for speed and productivity when handling containers with heavy industrial and commercial refuse. The design of the tailgate allows a smooth flow of material into the body eliminating structural stresses and metal fatigue associated with units that pack down into the hopper and against a flat hopper face. The BIG 3.6 cubic yard hopper handles large containers with ease and less compaction cycles. The huge 7.0 inch sweep cylinders crush large bulky material with a force of 142,000 lbs. The large hopper capacity and high compaction force reduces the time spent at each container resulting in higher productivity and more profits for your company.

“COMMITTED TO EXCELLENCE”

400 SERIES

SPECIFICATIONS



BODY CONSTRUCTION

Floor.....	10 Gauge	Hi-Tensile
Sides Rear Panel.....	10 Gauge	Hi-Tensile
Side Walls.....	11 Gauge	Hi-Tensile
Roof.....	11 Gauge	Hi-Tensile
Ejector Panel Face Sheet.....	11 Gauge	Hi-Tensile

BODY SPECIFICATIONS

Model	LM420	LM425	LM431
Capacity (Cu. Yds.).....	20	25	31
A) Overall Height Above Chassis Frame with T/G Up.....	183"	183"	183"
B) Height Above Chassis Frame.....	97"	97"	97"
L) Overall Length.....	254"	288"	318"
Body Weight.....	15,700	16,300	17,350

CHASSIS REQUIREMENTS

Model	LM420	LM425	LM431
*C.C.T.....	130"-136"	156"-162"	190"-196"
After Frame.....	25"	25"	25"
Clear Platform.....	177"	211"	245"
Min. GAWR Front (lb).....	12,000	16,000	18,000
Min. GAWR Rear (lb).....	40,000	44,000	44,000

*C.C.T. is the dimension from any component behind the cab and above the top of the frame to the center of the trunnion.

TAILGATE CONSTRUCTION

Hopper and Chute Floor.....	1/4" AR Plate
Hopper Sides.....	3/16" AR Plate
Face of Packing Panel.....	3/16" T-1 Plate
Face of Carriage Panel and Separator.....	3/16" AR Plate

TAILGATE SPECIFICATIONS

Capacity.....	3.2 Yards
Loading Height.....	4.0' Below Top of Chassis Frame
Hopper Width.....	77"
Hopper Depth.....	17.5"
Hopper Opening Height.....	62"
Cycle Time.....	30-34 Seconds
Reload Time.....	16-20 Seconds

HYDRAULIC SYSTEM SPECIFICATIONS

Maximum Operating Pressure.....	1850 P.S.I.
Pump, Cast Iron Gear.....	47 GPM @ 1200 RPM
Oil Reservoir, in Body.....	75 Gallons
Suction Strainer in Tank.....	100 Mesh
Return Filter in Tank.....	10 Micron
Body Valve.....	2 Spool Sectional
T/G Control Valve.....	2 Spool Sectional
Ejector Unloading Valve.....	Modular
Panel Cylinders (Inside Packing).....	7.0" Bore
Packing Cylinders (Outside Packing).....	5.5" Bore
Tailgate Lift.....	5.5" Bore
Ejector 20 & 25 Yd. Body.....	6.5" Bore
31 Yd. Body.....	7.5" Bore

CYLINDER FORCES @ 1850 P.S.I.

Ejection 6.5" Bore.....	61,389 lbs
7.5" Bore.....	81,731 lbs
T/G Lift (2).....	43,940 #/Cyl.
Panel (2).....	71,200 #/Cyl.
Packing (2).....	43,940 #/Cyl.

OPERATING CONTROLS

Ejection, Tailgate	Dual Levers at Left Front of Body
Raise/Lower.....	Dual Levers at Right Rear of Tailgate
Packing Cycle.....	Located in Cab
P.T.O./Front Pump.....	Levers at Right Rear of Tailgate
Container Systems.....	

STANDARD FEATURES

1. Cast Iron Gear Pump
2. In Body Oil Tank with Return and Suction Filters
3. Suction Line Shutoff Valve
4. Automatic Ejector Unloading
5. Air Solenoid Throttle Advance
6. Buzzer Both Sides of the Tailgate
7. Backup and Tailgate Raised Alarms
8. Neutral Safety Switch on Units with Automatic Transmission
9. Side Door, Street Side of Body
10. Chromed Rods All Cylinders
11. Cushioned Packing and Panel Cylinders
12. Prime Paint
13. 1,000-1,100 lb. per yd. Compaction

Specifications subject to change without notice.

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LOADMASTER™

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