

**INTRODUCING
A NEW
REAR LOADER
THAT ALREADY
HAS MILLIONS
OF MILES
ON IT.**



THE NEW LOADMASTER 100HC MEGA: THE PROVEN STRENGTH OF OUR 400 SERIES, FOR THE LONG HAUL.

It isn't often a brand new vehicle comes out with millions of miles of hard road-testing already behind it. But that's exactly what the new LOADMASTER 100HC MEGA offers you.

That's because the MEGA incorporates the same rugged engineering that's proven itself for years on our 400 series rear loaders. We've taken that incredible strength and pure high-compaction power and added new high-tensile steels, to increase strength even more, while reducing weight. Then we combined them with improved component designs to achieve quicker and easier maintenance. The result is a brand new *top-of-the-line* rear loader worthy of the name MEGA.

The MEGA's new packing power can give you 1,000 pounds per cubic yard, *consistently*. And its bigger, 5½" bore packing cylinder does it without the greater heat generated by high pressure systems others use—heat that can damage hydraulic pumps, seals and valves. So you not only get the advantages of larger loads and fewer trips to the landfill—and the

savings in labor, fuel and maintenance that brings—you get them with lower repair and maintenance cost for hydraulics.

There's more strength, too. The same basic body floor design as our 400's better resists damage to provide longer life with fewer repairs. In all the critical tailgate areas where compaction occurs, LOADMASTER uses 100,000 PSI high tensile steel exclusively, including ¼" steel throughout the big 2.9 cubic yard hopper. And the extended tailgate track length adds strength and durability there.

Plus there's lots more. We've added a proven SyncPak® valve for more uniform packing—no air gaps or empty spaces—so you pack a solid load every time. For easier access and increased protection for the hydraulic reservoir, it's been tucked inside the body behind the ejector panel. Even the cycling times are faster, and the packer controls made simpler.

The new MEGA units can still be fitted with the LOADMASTER tag axle option, to distribute load weight more effectively and to eliminate your overweight fines. And the

100HC MEGA is available in a full range of sizes to meet your collection requirements: 18, 20, 25 and 31 cubic yard capacities.

All this means a brand-new 100 HC high compaction series ready to tackle your toughest collection jobs, whether they're residential, commercial or municipal. Millions of miles of road testing proves it.

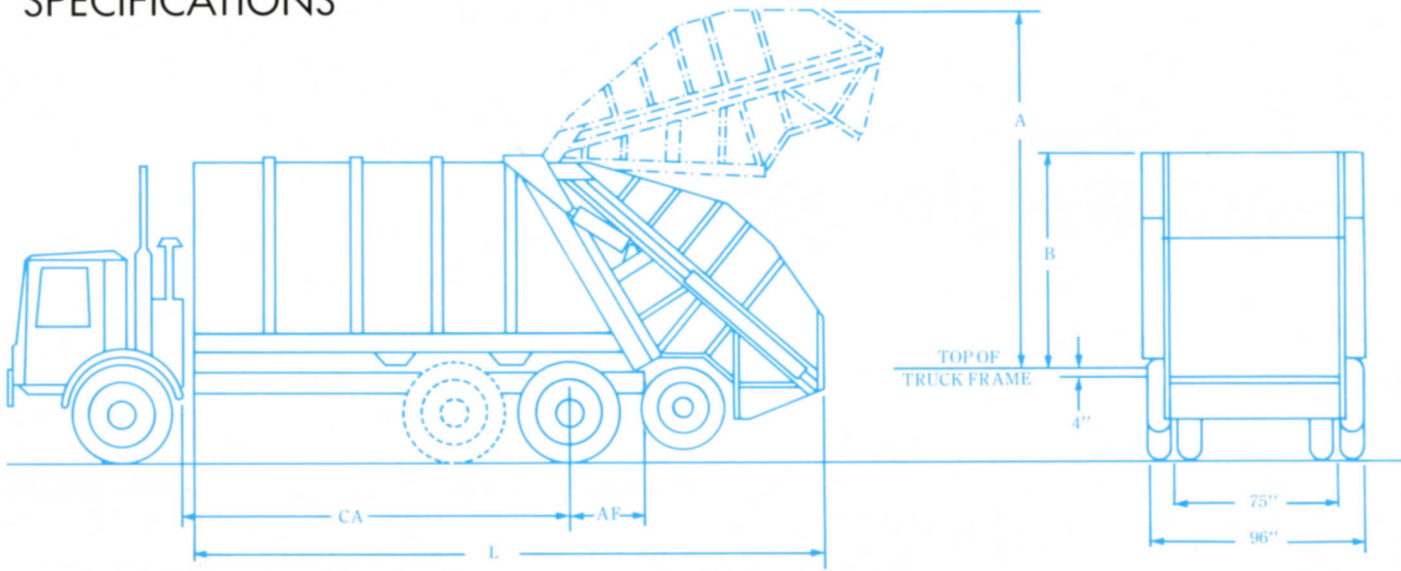
Find out more about how the new MEGA series can help you improve your collection efficiency. Contact your nearest LOADMASTER distributor.

MEGA
100HC SERIES
LOADMASTER
CORPORATION

Committed To Excellence
P.O. Box 1006/Culpeper, Virginia 22701
703-825-3940

100 HC MEGA

SPECIFICATIONS



BODY CONSTRUCTION

Floor	10 gauge (3.416 mm)	50,000 PSI (3,516 Kg/cm ²)
Side Walls	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)
Roof	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)
Ejector Panel	11 gauge (3.038 mm)	50,000 PSI (3,516 Kg/cm ²)

BODY SPECIFICATIONS

Model	LM-118 HC	LM-120 HC	LM-120 HCT
Capacity	18 yd ³ (13.7m ³)	20 yd ³ (15.3m ³)	20 yd ³ (15.3m ³)
A	174" (441.9 cm)	174" (441.9 cm)	174" (441.9 cm)
B	97" (246.4 cm)	97" (246.4 cm)	97" (246.4 cm)
L	248" (629.9 cm)	254" (645.2 cm)	254" (645.2 cm)
CA (MIN)*	132" (335.3 cm)	138" (350.5 cm)	151" (383.5 cm)
CA (MAX)	151" (383.5 cm)	154" (391.1 cm)	157" (398.8 cm)
AF	42" (106.7 cm)	42" (106.7 cm)	29" (73.7 cm)
CA W/TAG	134" (340.4 cm)	140" (355.6 cm)	140" (355.6 cm)
AF W/TAG	38" (96.5 cm)	38" (96.5 cm)	38" (96.5 cm)
Approx Gr. Weight	13,100 lbs (5,942 Kg)	13,200 lbs (5,988 Kg)	13,200 lbs (5,988 Kg)

Model	LM-125 HCT	LM-131 HCT
Capacity	25 yd ³ (19.1m ³)	31 yd ³ (23.7m ³)
A	174" (441.9 cm)	174" (441.9 cm)
B	97" (246.4 cm)	97" (246.4 cm)
L	288" (731.5 cm)	318" (807.7 cm)
CA (MIN)*	171" (434.3 cm)	201" (510.5 cm)
CA (MAX)	191" (485 cm)	221" (561.3 cm)
AF	43" (109.2 cm)	43" (109.2 cm)
CA W/TAG	174" (441.9 cm)	204" (518.2 cm)
AF W/TAG	38" (96.5 cm)	38" (96.5 cm)
Approx Gr. Weight	14,200 (6441 Kg)	15,400 (6985 Kg)

*Estimated — may not be acceptable pending chassis weight distribution.
For tandem chassis, CA dimension is to center of rearmost wheel.

TAILGATE CONSTRUCTION

Hopper Floor	¼" (6.35 mm)	100,000 PSI (7,032 Kg/cm ²)
Side Walls	⅜" (4.76 mm)	100,000 PSI (7,032 Kg/cm ²)
Packing Plate	⅜" (4.76 mm)	100,000 PSI (7,032 Kg/cm ²)

TAILGATE SPECIFICATIONS

Capacity (TBEA Rated)	2.9 yd ³ (2.22 m ³)
Loading Height	4" (10.2 cm) below top of chassis frame
Hopper Width	75" (190.5 cm)
Hopper Depth	16.38" (39.05 cm)
Hopper Opening Height	65" (165.1 cm)
Cycle Time	28-30 seconds
Reload Time	11-13 seconds

HYDRAULIC SYSTEM CYLINDERS

Packer Panel (2) (Inside)	5½" (140 mm) bore
Packing (2) (Outside)	5½" (140 mm) bore
Ejection (1) (LM120)	6¼" (159 mm) bore
Ejection (1) (LM125)	6¼" (159 mm) bore
Tailgate Lift (2)	5½" (140 mm) bore

CYLINDER FORCES

Ejection	56,758 LBS (15,745 Kg)
T/G Lift	43,952 LBS (19,937 Kg) ea. cyl.
Panel	40,338 LBS (18,320 Kg) ea. cyl.
Packing	40,338 LBS (18,320 Kg) ea. cyl.
1-2 Yd. Lift	26,244 LBS (11,904 Kg)
2-10 Yd. Lift	43,952 LBS (19,937 Kg)

HYDRAULIC SYSTEM SPECIFICATIONS

Pump	Gear, 47 GPM (178 liters/min) @ 1,200 RPM
Max. Operating Pressure	1,850 PSI (130.07 Kg/cm ²)
Oil Reservoir	70 Gal. (265 liters)
Filter	140 micron suction 10 micron return
Valves	Multiple balanced spool type, with adjustable cartridge relief

OPERATING CONTROLS

Packing	Dual lever located on right rear of T/G
Tailgate Raise/Lower	Inside left front corner of body
Ejection	Inside left front corner of body
PTO	Located in cab, operated by driver
Warning Buzzer	One switch, each side @ rear of T/G, wired to buzzer in cab
Container System	Single lever located on right rear of T/G

OPTIONAL EQUIPMENT

Container Handling (1 to 10 cu. yd.)	Air Brake Interlock
Foot throttle lock-out	Hopper Night Light
Reeving Container Attachment	Quick Disconnects on Each Side of Pump
Engine Kill Switches	Crankshaft Drive Front Pump
Eighty Gallon Washout System	Access Door (1000 in. ²)

FEATURES

- All cylinders have chrome-plated plunger rods for smoother operation, longer life.
- Full width crossmembers under floor.
- Ejector shoes replaceable from within body.
- Load syncretizing valve automatically keeps ejector panel at correct position for optimum uniform load.
- Consistent high compaction up to 1000 lb/yd³ (950 lb/yd³-LM-131)
- Sight level gauge in oil tank.
- Continuous weld side panels.

LOADMASTER[™]
CORPORATION
P.O. Box 1006/Culpeper, Virginia 22701-1006
703-825-3940

©1987 LOADMASTER Corporation
A Division of Hackney Industries, Inc.