

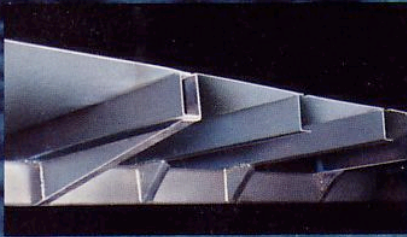
LOADMASTER™

100HC Series

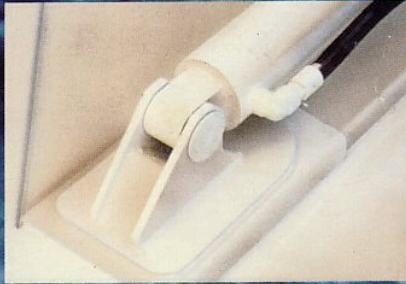
Start with a big 2.9 cubic yard hopper. Add high compaction cylinders and a body design loaded with extra strength for high compaction applications. Then top it off with LOADMASTER's quality construction

craftsmanship, and you've got the 100HC Series Rear Loaders. No-nonsense workhorses that let you pack bigger loads. And let you keep packing them dependably, day-after-day, year after year. With reliable hydraulics.

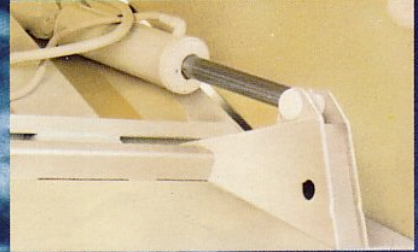
And heavy-duty high tensile steel construction. Each LOADMASTER is built one-at-a-time, like your entire operation depended on it. The LOADMASTER 100HC's: Made better to work harder for you.



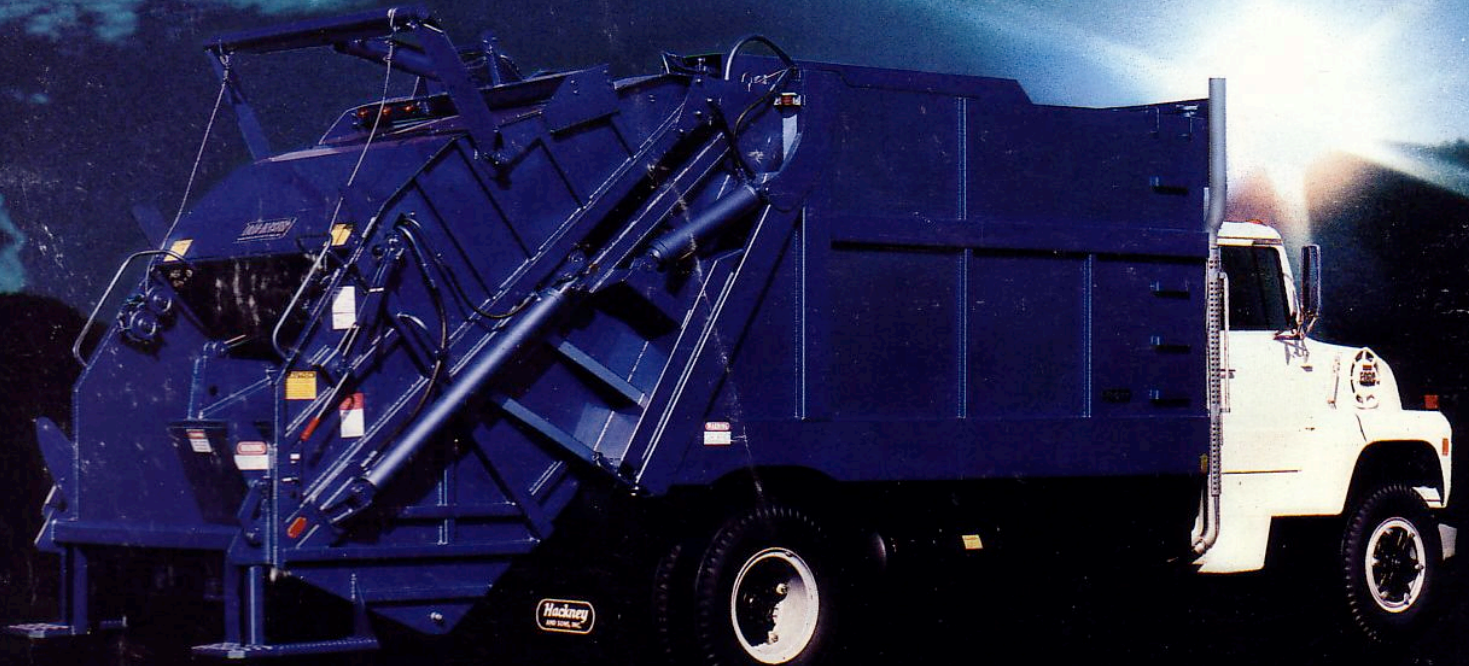
Exclusive intermodular floor design gives the 100HC's floor greater strength.



Extra 3/8" steel reinforcement for superior strength in the critical packing cylinder mount area.

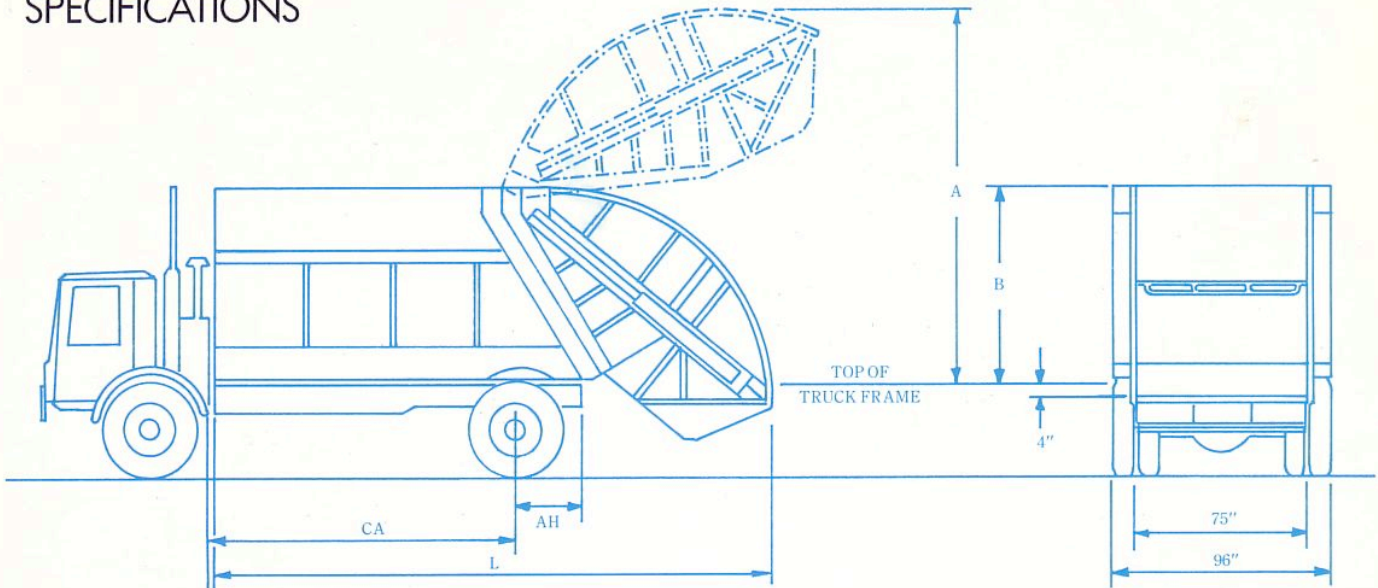


The 100 HC uses cylinder mounts of full 3/8" high tensile steel to handle the greater pressure of high compaction.



100 HC SERIES

SPECIFICATIONS



BODY CONSTRUCTION

Floor	10 gauge (3.416 mm)	50,000 PSI (3,515.33 Kg/cm ²)
Side Walls	11 gauge (3.038 mm)	50,000 PSI (3,515.33 Kg/cm ²)
Roof	11 gauge (3.038 mm)	50,000 PSI (3,515.33 Kg/cm ²)
Ejector Panel	11 gauge (3.038 mm)	50,000 PSI (3,515.33 Kg/cm ²)

BODY SPECIFICATIONS

Model	LM-120HC	LM-120HCT	LM-125HCT
Capacity	20 yd ³ (15.3 m ³)	20 yd ³ (15.3 m ³)	25 yd ³ (19.1 m ³)
A	166" (421.6 cm)	166" (421.6 cm)	166" (421.6 cm)
B	89" (226.1 cm)	89" (226.1 cm)	89" (226.1 cm)
CA	140" (355.6 cm)	145" (368.3 cm)*	169" (429.3 cm)*
AH	34" (86.4 cm)	29" (73.7 cm)	39" (99.1 cm)
L	248" (629.9 cm)	248" (629.9 cm)	282" (716.3 cm)
Approx Gr Weight	13,600 lbs (6,169 Kg)	13,600 lbs (6,169 Kg)	14,600 lbs (6,223 Kg)

*For tandem chassis, CA dimension is to center of rearmost wheel.

TAILGATE CONSTRUCTION

Hopper Floor	¼" (6.35 mm)	50,000 PSI (3,515.33 Kg/cm ²)
Side Walls	7 gauge (4.55 mm)	50,000 PSI (3,515.33 Kg/cm ²)
Packing Plate	7 gauge (4.55 mm)	50,000 PSI (3,515.33 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	15.38" (39.05 cm)
Hopper Opening Height	54" (137.2 cm)
Cycle Time	31-34 seconds
Reload Time	15-17 seconds

HYDRAULIC SYSTEM CYLINDERS

Packer Panel (2) (Inside)	5¼" (133 mm) bore × 16" (406.4 mm) stroke
Packing (2) (Outside)	4¾" (121 mm) bore × 48" (1,219.2 mm) stroke
Ejection (1) (LM120)	6¼" (159 mm) bore × 111" (2,819.4 mm) stroke
Ejection (1) (LM125)	6¼" (159 mm) bore × 146" (3,708.4 mm) stroke
Tailgate Lift (2)	5½" (140 mm) bore × 22½" (574.7 mm) stroke

CYLINDER FORCES

Ejection	56,758 PSI (3,990 Kg/cm ²)
T/G Lift	43,952 PSI (3,090 Kg/cm ²) ea. cyl.
Panel	36,260 PSI (2,549 Kg/cm ²) ea. cyl.
Packing	29,682 PSI (2,087 Kg/cm ²) ea. cyl.
1-2 Yd. Lift	26,244 PSI (1,845 Kg/cm ²)
2-6 Yd. Lift	40,049 PSI (2,816 Kg/cm ²)

HYDRAULIC SYSTEMS SPECIFICATIONS

Pump	Gear, 32 GPM (121 liters/min) @ 1,200 RPM
Max. Operating Pressure	1,850 PSI (130.07 Kg/cm ²)
Oil Reservoir	65 Gal. (246 liters)
Filter	10 micron suction
Valves	Multiple balanced spool type, with adjustable cartridge relief

OPERATING CONTROLS

Packing	Single lever located on right rear of T/G
Tailgate Raise/Lower	Outside left front corner of body
Ejection	Outside 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 6 cu. yd.)
Foot throttle lock-out
Reeving Container Attachment
Engine Kill Switches
Sight Level Gauge in Oil Tank
Eighty Gallon Washout System
Air Brake Interlock
Hopper Night Light
Quick Disconnects on Each Side of Pump
Crankshaft drive front pump

FEATURES

- All cylinders have chrome-plated plunger rods for smoother operation, longer life.
- Full width crossmembers integral with body floor.
- Packer panel ride-up valve protects packer panel at full load.
- Back-pack valve automatically keeps ejector panel at correct position for optimum uniform load.
- Consistent high compaction up to 900 lbs/yd³

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