

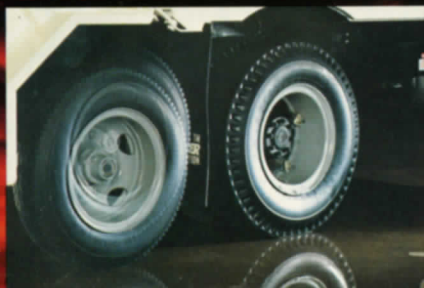
**LOADMASTER™**

# 100 Series

Simple. Rugged. Dependable. LOADMASTER 100 Series Rear Loaders are the industry's most proven reliable performers. Contractor-designed to meet the real

needs of waste collection, the 100's feature LOADMASTER quality heavy-duty construction and hydraulics. The result: Lower downtime; reduced maintenance

and repair. That's how the 100's can lower your overall fleet operating costs. When you need simple, dependable rear loaders, depend on LOADMASTER.



*Available as an option, LOADMASTER's tag axle lowers into place to help shift weight to the front axle, increase load-carrying capabilities and help reduce the risk of overload fines.*



*Full 2.9 cubic yard hopper capacity, means fewer compaction cycles are needed, reducing fuel consumption and increasing productivity.*

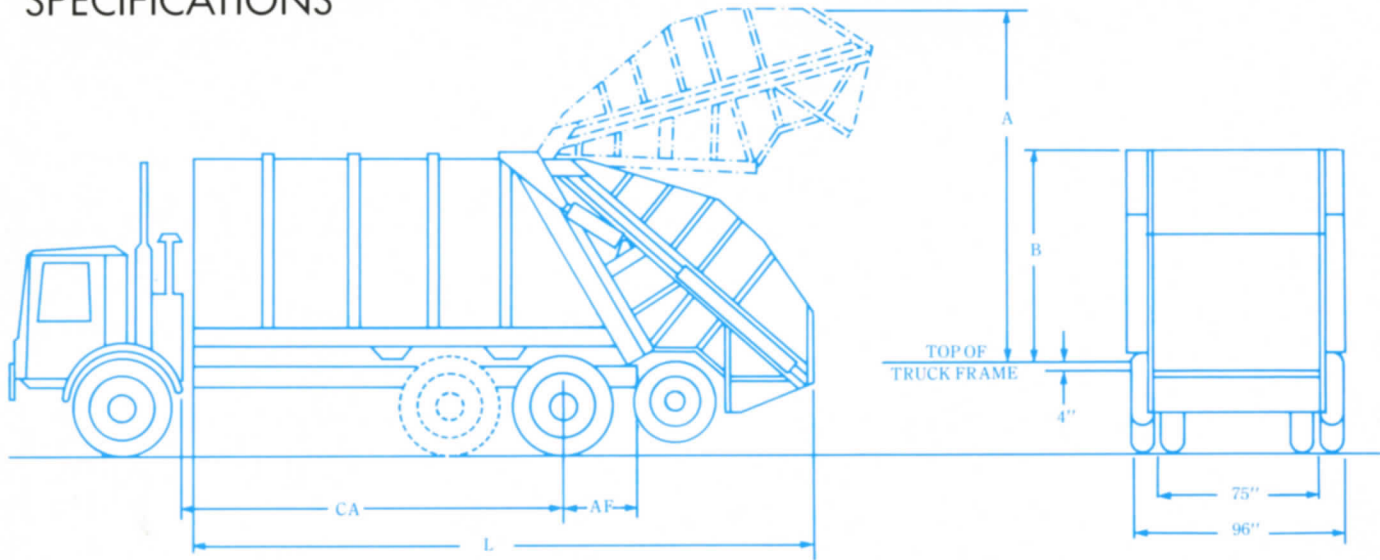


*Integral-mount pump bolts directly to transmission, eliminating pump driveshaft. Less maintenance, greater reliability with this LOADMASTER option.*



# 100 SERIES

## SPECIFICATIONS



### BODY CONSTRUCTION

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

### BODY SPECIFICATIONS

| Model             | LM-118                                   | LM-120                                   | LM-120T                                  |
|-------------------|--|--|--|
| Capacity          | 18 yd <sup>3</sup> (13.7m <sup>3</sup> ) | 20 yd <sup>3</sup> (15.3m <sup>3</sup> ) | 20 yd <sup>3</sup> (15.3m <sup>3</sup> ) |
| 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 | 12,600 lbs (5,715 Kg)                    | 12,700 lbs (5,760 Kg)                    | 12,700 lbs (5,760 Kg)                    |

| Model             | LM-125T                                  | LM-131T                                  |
|-------------------|--|--|
| Capacity          | 25 yd <sup>3</sup> (19.1m <sup>3</sup> ) | 31 yd <sup>3</sup> (23.7m <sup>3</sup> ) |
| A                 | 174" (441.9 cm)                          | 174" (441.9 cm)                          |
| B                 | 97" (246.4 cm)                           | 97" (246.4 cm)                           |
| L                 | 288" (7315 cm)                           | 322" (817.9 cm)                          |
| CA (MIN)*         | 171" (434.3 cm)                          | 205" (520.7 cm)                          |
| CA (MAX)          | 191" (485 cm)                            | 225" (571.5 cm)                          |
| AF                | 43" (109.2 cm)                           | 43" (109.2 cm)                           |
| CA W/TAG          | 174" (441.9 cm)                          | 208" (528.3 cm)                          |
| AF W/TAG          | 38" (96.5 cm)                            | 38" (96.5 cm)                            |
| Approx Gr. Weight | 13,700 (6214)                            | 14,900 (6758)                            |

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

### TAILGATE CONSTRUCTION

|               |                    |  |
|---------------|--------------------|--|
| Hopper Floor  | 1/4" (6.35 mm)     | 50,000 PSI (3,515 Kg/cm <sup>2</sup> ) |
| Side Walls    | 11 gauge (3.04 mm) | 50,000 PSI (3,515 Kg/cm <sup>2</sup> ) |
| Packing Plate | 7 gauge (4.55 mm)  | 50,000 PSI (3,515 Kg/cm <sup>2</sup> ) |

### TAILGATE SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Capacity (TBEA Rated) | 2.9 yd <sup>3</sup> (2.22 m <sup>3</sup> ) |
| 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            | 31-33 seconds                              |
| Reload Time           | 14-16 seconds                              |

### HYDRAULIC SYSTEM CYLINDERS

|                           |                      |
|---------------------------|----------------------|
| Packer Panel (2) (Inside) | 5 1/4" (133 mm) bore |
| Packing (2) (Outside)     | 4 1/4" (108 mm) bore |
| Ejection (1) (LM120)      | 6 1/4" (159 mm) bore |
| Ejection (1) (LM125)      | 6 1/4" (159 mm) bore |
| Tailgate Lift (2)         | 5 1/2" (140 mm) bore |

### CYLINDER FORCES

|               |                                  |
|---------------|----------------------------------|
| Ejection      | 49,088 LBS (22,266 Kgs)          |
| T/G Lift      | 38,013 LBS (17,242 Kgs) ea. cyl. |
| Panel         | 32,472 LBS (14,729 Kgs) ea. cyl. |
| Packing       | 21,279 LBS ( 9,652 Kgs) ea. cyl. |
| 1-2 Yd. Lift  | 22,697 LBS (10,295 Kgs)          |
| 2-10 Yd. Lift | 38,013 LBS (17,242 Kgs)          |

### HYDRAULIC SYSTEM SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Pump                    | Gear, 32 GPM (121 liters/min) @ 1,200 RPM                      |
| Max. Operating Pressure | 1,600 PSI (112.49 Kg/cm <sup>2</sup> )                         |
| Oil Reservoir           | 70 Gal. (265 liters)   |
| Filter                  | 140 micron suction<br>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 | 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 10 cu. yd.) | Hopper Night Light                     |
| Foot throttle lock-out               | Quick Disconnects on Each Side of Pump |
| Reeving Container Attachment         | Crankshaft Drive Front Pump            |
| Engine Kill Switches                 | Access Door (1000 in. <sup>2</sup> )   |
| Eighty Gallon Washout System         | Tag Axle (11,800 & 14,000 lb. cap.)    |
| Air Brake Interlock                  | Sync Pak® Valve                        |

### FEATURES

1. All cylinders have chrome-plated plunger rods for smoother operation, longer life.
2. Full width crossmembers under floor.
3. Ejector shoes replaceable from within body.
4. Sight level gauge in oil tank.
5. Continuous weld side panels.

**LOADMASTER**<sup>™</sup>  
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