

LOADMASTER™

100 Series

LOADMASTER "LM100" Series has for many years had the reputation of being the industry's most productive and reliable rear loader. Our careful attention to functional design and quality manufacturing has resulted in a refuse body that is much easier to maintain and has less downtime. Most important, we have maintained a ruggedness of construction that is tops in the industry. Higher productivity, years of dependable service, plus greater legal payloads (with our optional Tag Axle) are important LOADMASTER features that insure owners many years of more profitable service.



EXCLUSIVE "TAG AXLE" FOR INCREASED PAYLOAD

Our unique TAG AXLE (under the tailgate) is available only with LOADMASTER bodies. When lowered, it increases legal payload by thousands of pounds. Because it is mounted behind the drive axle(s), our TAG shifts part of the increased payload to the "front axle". This added weight on the front improves steering stability and safety. A "Pusher Axle" also increases legal payload...but not as much as our TAG. This is because the pusher location forward of the drive axle(s) actually takes weight off of the front axle, which reduces the amount of legal payload that can be added. Steering stability and safety are also reduced. In addition, our TAG also improves Bridge Formula weight allowances while a Pusher does not.



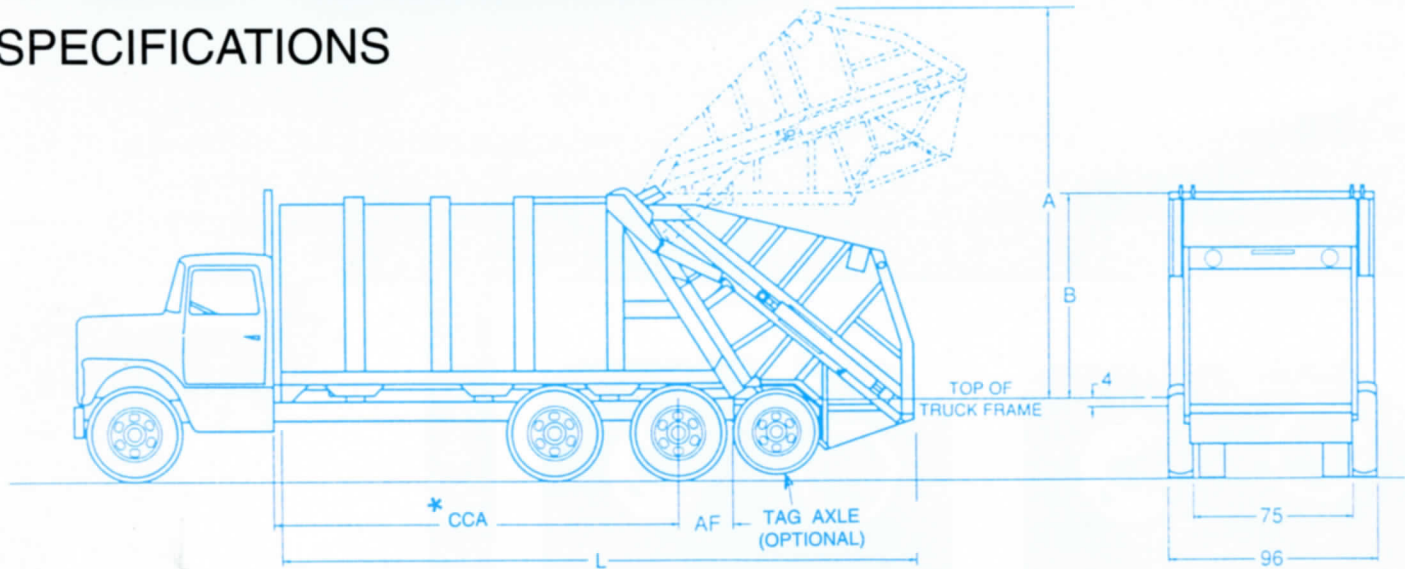
HUGE RAPID CYCLE HOPPER

This very large loading hopper means fewer pack cycles for hand loading or for servicing containers. This, coupled with the fast compaction cycle, gives greater house-count per day and more containers serviced. This productivity...coupled with the increased payload capacity with our exclusive "under tailgate" TAG AXLE... means extra **PROFIT** on your collection routes.



100 SERIES

SPECIFICATIONS



BODY CONSTRUCTION

Floor	10 Gauge	Hi-Tensile
Side Walls	11 Gauge	Hi-Tensile
Roof	11 Gauge	Hi-Tensile
Ejector Panel	11 Gauge	Hi-Tensile

BODY SPECIFICATIONS

Model	LM118	LM120	LM125
Capacity	18 Yards	20 Yards	25 Yards
Height with T/G Full Up (A)	177"	177"	177"
Height Above Chassis Frame (B)	97"	97"	97"
Overall Length (L)	248"	254"	288"

CHASSIS REQUIREMENTS

Model	LM118	LM118T	LM120	LM120T	LM125T
CCA Min.	138	144	144	150	177
CCA Max.	150	156	156	156	191
CCA W/Tag	138	N/A	144	N/A	177
After Frame W/Tag (AF)	40		40		40
Clear Platform (Min.)	171"	171"	177"	177"	211"
Minimum GAWR - Front Axle	9,000	9,000	10,000	10,000	12,000
Minimum GAWR - Frt. w/Tag	14,000		14,000		16,000
Minimum GAWR - Rear Axle	23,000	30,000	23,000	30,000	34,000
Minimum GAWR - Rear w/Tag	20,000		20,000		30,000

Body Weight	12,900	12,900	13,100	13,100	14,100
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*CCA is the dimension from any component behind the cab and above the top of the frame (which will interfere with body mounting) to the center of the rear-most axle.

TAILGATE CONSTRUCTION

Hopper Floor	3/16" AR Plate
Hopper Sides	10 Ga. AR Plate
Face of Packing Panel	3/16" High Tensile (T1)
Face of Carriage Panel	3/16" AR Plate

TAILGATE SPECIFICATIONS

Capacity, TBEA Rated	3.0 Cubic Yards
Loading Height	4.0 Below Top of the Chassis Frame
Hopper Depth	16.4"
Hopper Opening Height	60"
Hopper Width	75"
Cycle Time	28 - 30 Seconds
Re-Load Time	10 - 12 Seconds

HYDRAULIC SYSTEM SPECIFICATIONS

Max Operating Pressure	1750 PSI
Pump	47GPM @ 1200 R.P.M.
Oil Reservoir	70 Gallons
Suction Filter	100 Mesh
Return Filter	10 Micron
Body Valve	2 Spool With System and Ejector Relief
T/G Control Valve	2 Spool With Hyd. Release From Detent and Override Relief
Panel Cylinders (Inside)	5.5" Bore
Packing Cylinders (Outside)	4.5" Bore
Tailgate Lift Cylinders	5.5" Bore
Ejection Cylinders	6.5" Bore

CYLINDER FORCES @ 1750 PSI

	Bore	Force Ea. Cylinder
Ejection	6.5" Bore	58,200 Lbs.
T/G Lift (2)	5.5" Bore	41,600 Lbs.
Panel (2)	5.5" Bore	41,600 Lbs.
Packing (2)	4.5" Bore	27,800 Lbs.

OPERATING CONTROLS

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

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. 800 - 900 Lb. Compaction

LOADMASTER™

A Product of INGER-TECO Corporation

100 W. Eleventh Ave.
P.O. Box 186
Norway, MI 49870-0186

(906) 563-9226
FAX (906) 563-9800
Toll Free (800) 433-2768

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