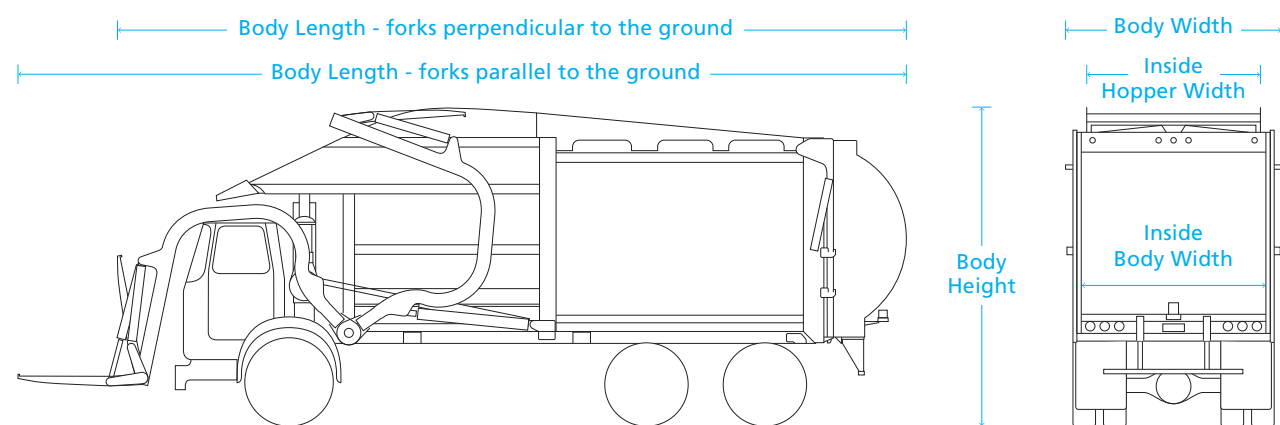


LM Super Nova Front Loader



Body Capacity	38 cu yd	40 cu yd	42 cu yd
Empty Body Weight	16,250 lbs	16,600 lbs	16,680 lbs
Tailgate	3 cu yd	5 cu yd	5 cu yd
Overall Length - forks perpendicular to ground	385 "	399 "	412 "
Overall Length - forks parallel to ground	436 "	450 "	462 "
Overall Height above frame - arms raised	117 "	117 "	117 "
Overall Width	102 "	102 "	102 "
Inside Body Width	89 "	89 "	89 "
Inside Hopper Width	80 "	80 "	80 "
Hopper Length	87 "	87 "	87 "
Hydraulic Reservoir	53 Gal	53 Gal	53 Gal
Chassis Wheel Base Requirement (some regions may vary)	190 "	210 "	210 "

Construction	Body:	Hopper:	Packer Blade:	Tailgate :
	Side Wall 1/8 " AR 500	Floor 1/4 " AR 360	Upper Face 1/8 " AR 500	1/8 " AR 500
	Roof 50W Steel	Sides 3/16 " AR 360	Middle Face 3/16 " AR 360	
	Wind Guard 1/8 " AR Steel	Sliding Cover 13 ga	Lower Face 1/4 " AR 425	
	Floor - Rear 3/16 " AR 360			

Hydraulics	Cylinders – High Speed Nitrided Rod	SAE Half Bend Radius Hoses (100R17)
	Arms – 4 1/2 " bore	Suction Shut-off Ball Valve 2 1/2 "
	Forks – 3 1/2 " bore	

Performance	• Total Load Ejection – 45 secs	• Compaction Cycle – 24 secs at 1700 RPM
	• Hydraulic System – Working Pressure at 2,000 PSI	• Arms – Rated at 8,000 lbs



UNIVERSAL HANDLING EQUIPMENT

461 Green Road
Stoney Creek
Ontario L8E 5B4
Canada
Sales: 905.662.3318

1650 Industrial Drive
Owosso
Michigan 48867
U.S.A.
Sales: 989.725.1640

4024 - 39139 Hwy 2A
Red Deer County
Alberta T4S 2A8
Canada
Sales: 403.346.1233

universalhandling.com

North America Toll Free: 1-877-UHE-1122



UNIVERSAL HANDLING EQUIPMENT

- ▶ Front Loaders
- Rear Loaders
- Roll-Off Hoists
- Hook-Lifts
- Trailers
- Luggers
- Compactors
- Refuse Containers

LM Super Nova Front Loader



*"Customer Designed ...
Universal Handling Equipment
Crafted"*

LM Super Nova Front Loader

*Universal...
the Universal Choice!*

We'd love to take the credit for all the innovations... But we can't!



Most of the creative ideas came from the best brains in the business – Our Customers! Those who drive them, maintain them and replace their worn parts.

And what a beauty they created! Look at just some of their applied input:

- New ram design with increased volume handling and stronger construction but with less weight, and the ability to eliminate debris jamming in guides behind the ram;
- Controls ergonomically mounted within easy reach of driver's normal operating position;
- 4 1/2" wide ram guides lined with chromium carbide *Wear-Max* surfaces to reduce wear;
- Thumb-activated auto-pack system with single switch for mode selection;
- Cylinders nitrided with QPQ process and sealed with double lip rod seals for added protection;
- Live-Pump installed to provide by-pass protection while being driven;
- Removable lightweight side skirts for easy inspection and service;
- Improved understructure strength;
- New longer-life cylinder seals for extended leak protection;
- Ram Function Port Relief Valve incorporated into cylinder for faster response time;
- Improved hose routing to forks and tailgate cylinders;

And our contribution? ... Universal Handling Equipment Crafted!

Operation - Packing Controls



- Ergonomically mounted for operational convenience
- On/Off pump switch
- Single pneumatic joystick to control arms and forks simultaneously
- Fully extended packer blade retracts automatically, stopping at forward rest position
- Stop-button cancels automatic action at any point during cycling
- Arm Lock-Out when ram is away from home position
- Override switch allows arm movement while ram is away from home position
- Controls Locked-Out when side door open
- Indicator lights for Ram Out, Side Door Open, Hopper Door Closed and Tailgate Open
- Unit designed to pack on the run
- Manual control to extend or retract ram

Options

- Body Screen
- Aluminum Packages
- Camera Systems
- Cart Dumper Systems
- Container Lifting Attachments
- Patented Enviroseal
- Heavy Duty Arm and Fork Cylinders
- Weigh Scale Systems
- Custom Light Package
- Residential Automated Dumping System
- Gravity Dump or Full Eject Body Style
- Body Service Lift Kit



Body Side Door – Aluminum Checker-Plate comes with Interlock



Hinged Cab Shield – designed to protect Cab from Container Damage

Hopper Opening – capable of receiving 1-10 cu yd Containers



Arms and Forks have independent operations for greater control

Forks tuck into Body – under 13' 6" legal limit
8,000 lb Arm Capacity

Hydraulically operated Hopper Cover

Non-Skid Foot to enhance safety of maintenance personnel

Tailgate – 8-point Auto Lock with "D" Gasket Seal

LED Lights

All Plastic Loom Wiring routed internally

Single Piece Neoprene Seal for Aluminum Oil Tank



Hydraulic hoses routed under the body to Arms and Tailgate

Single Stage, Double Acting Cylinder with Nitrided Rod



Main Valve Assembly recessed into Body and Inverted for easy Preventative Maintenance access



Hydraulic Lines – Zinc Dichromate for Superior Corrosion Resistance



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Crafted!*