

**McNeilus Truck and Manufacturing, Inc.**

# **PACSTAR-RL**



**TOMORROW'S PACKER BUILT TODAY!**

# McNeilus Truck and Manufacturing, Inc. Produces a **SUPERIOR BUILT** Unit you can Depend On through **NEW** Design Concepts!



## **RUGGED, QUALITY BUILT PRODUCT**

McNeilus Truck and Manufacturing, Inc. has been producing a **QUALITY BUILT** product for over **20 Years**. MTM's **PACSTAR-RL** is manufactured in one of the most modern and sophisticated facilities in the world.



# SUPERIOR ADAPTABILITY

The **PACSTAR-RL** is fully adaptable to both Commercial and Residential routes. With MTM's **SUPERIOR TECHNOLOGY**, utilizing **Extended Service Life Materials**, the **PACSTAR-RL** will still be on the route when others fail. **THE PACSTAR-RL DELIVERS MAXIMUM PAYLOADS!** The **SUPERIOR COMPACTION** of the **PACSTAR-RL** allows for **FEWER TRIPS** to the landfill. This means **MORE PROFIT** for you.



**LARGE 2.3 CUBIC YARD HOPPER HAS SUPERIOR LOADING CAPACITY**  
MTM's **PACSTAR-RL** allows for much faster collection and fewer compaction cycles on route. (Optional 2.8 cubic yard with a 5" Hopper Extension).

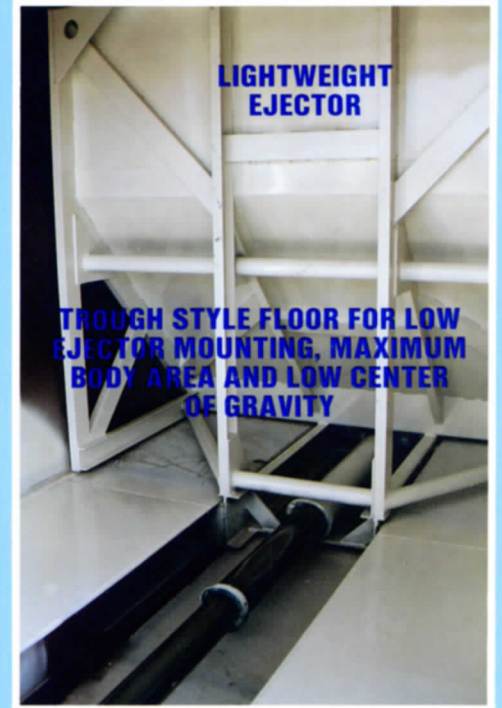
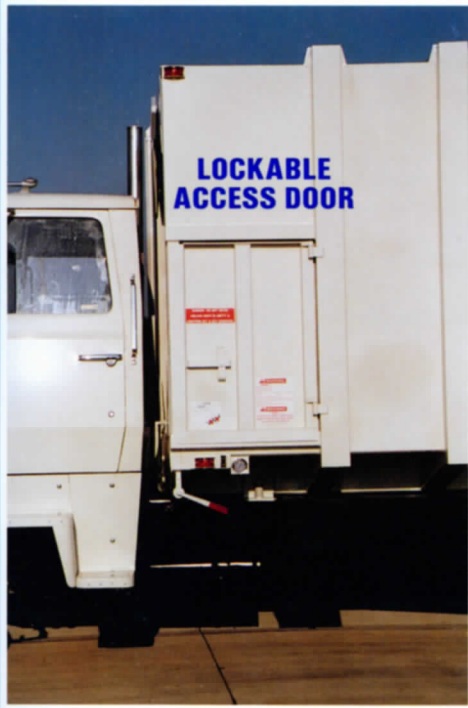


## RUGGEDLY BUILT BODY AND HOPPER!

The **PACSTAR-RL**'s body is made from a Specially Formulated High-Strength 50,000 PSI Steel. The **Floor is 3/16"**, **Sides are 11 Gauge** and the **Roof is 12 Gauge High-Strength Steel**. The **Hopper Floor** is built from **1/4" Specially Formulated "AR" Abrasion Resistant Steel** with a **Tensile Strength of 100,000 PSI**. The **PACSTAR-RL**'s body and tailgate with its **SUPERIOR CONSTRUCTION** gives you strength and durability where it is needed.

The **PACSTAR-RL** comes **STANDARD** with a **Telescoping Ejection Mechanism**.

# MTM'S STANDARD FEATURES AND OPTIONS



## SUPERIOR STANDARD FEATURES!

- The tailgate lift and ejector can be operated from either side of the truck.
- **Low Mounted, Horizontal, Telescoping Ejector Cylinder** keeps the vertical center of gravity low and gives a smooth one-operation load ejection.
- **EXCEPTIONALLY FAST CYCLE TIME - 18 Seconds** for Complete Cycle, **8 Seconds** for Reloading.
- Simple, Clean Looking Operating Controls, even when several options are added.
- **STANDARD SIZES** are 17, 20 & 25 CUBIC YARDS. This can be **INCREASED TO 19, 22 & 27** when using the optional **Swing Ejector\***.

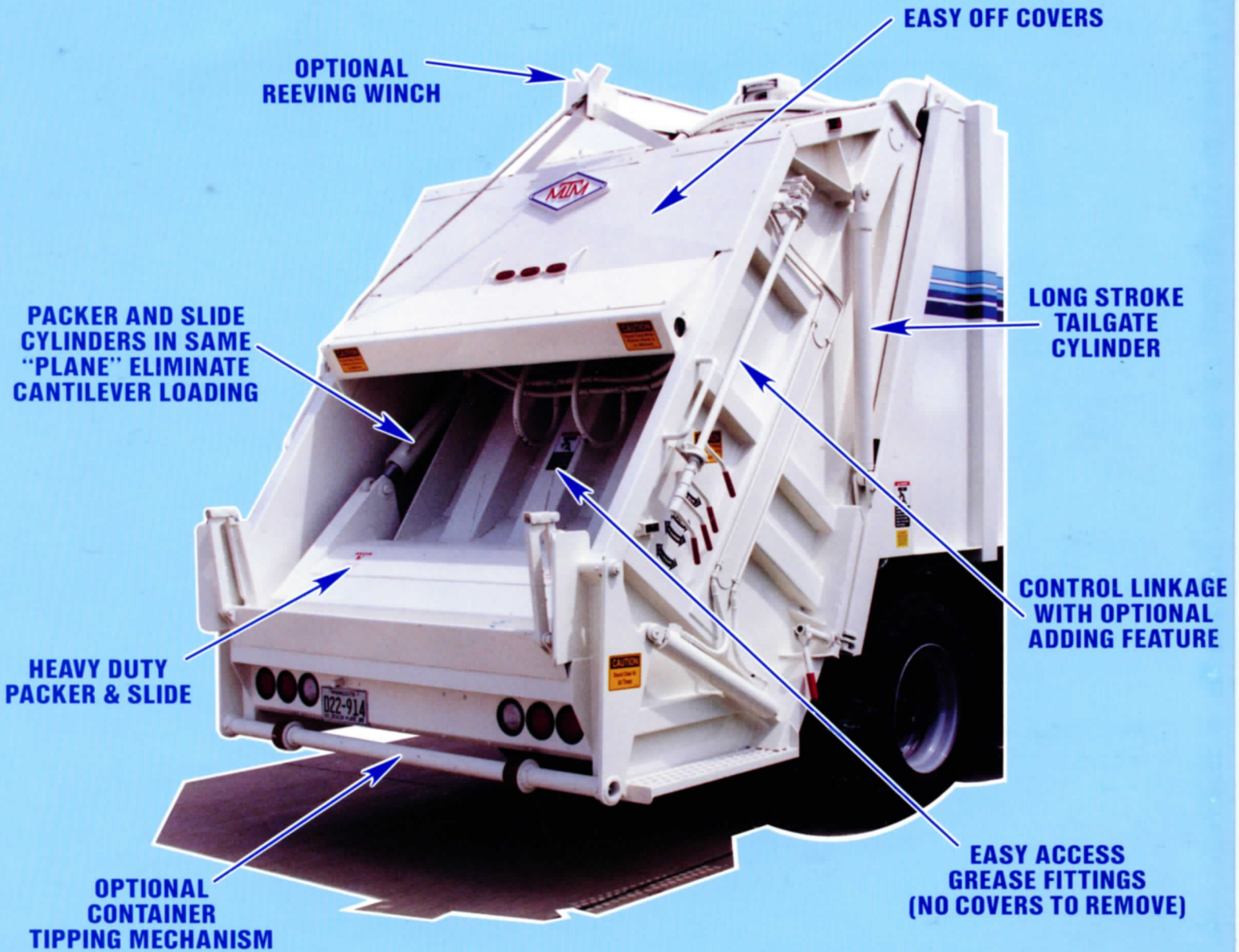
## INNOVATIVE OPTIONS!

- **SWING EJECTOR\*** ADDS TWO CUBIC YARDS of refuse at the front of the body.
- **FACTORY MOUNTED SCALES.**
- **REEVING CYLINDER.**
- **WINCH.**
- **CONTAINER-TIPPING MECHANISM.**
- **\*PATENTS APPLIED FOR.**

## SUPERIOR SERVICEABILITY AND EASE OF MAINTENANCE!

Hydraulic and Electrical lines are at your reach, but away from any potential damage. The open front and the standard side door provide easy accessibility to the ejection mechanism. **EXCELLENT RESISTANCE TO ALL TYPES OF CORROSION!** Each individual piece is **Bead Blasted and Primed Before Assembly.** Then the unit is painted with Imron paint for a **SUPERIOR FINISH** that is resistant to corrosive elements.

# HEAVY DUTY TAILGATE AND HOPPER PACKS UP TO 1,000 POUNDS PER YARD



The MTM **PACSTAR-RL** incorporates the best of the proven basics in the refuse truck industry . . .

**Vertical Body Bracing** for simplicity and ruggedness with minimum weight • **Trough Style Floor** for maximum capacity, optimum use of space for the ejection mechanism and lowest center of gravity • **Telescopic Ejection Cylinder** for simple, smooth ejection action and packing resistance while loading • **Extension Mode Compaction** -- the cylinders pack only while extending, applying the maximum possible force while providing the greatest speed for retraction • **Installed Grease Fittings and Bushings** for minimum service and maximum life.

MTM's Engineers have over 25 years design experience in the refuse industry. They have effectively re-arranged the body and hopper geometry to obtain superior compaction without forming columns. A rugged dependable hydraulic system delivers 35 G.P.M. at 1400 R.P.M. with a cycle time under 18 seconds. Add to this MTM's other innovations and designs and build it in one of America's most modern, "state of the art factories," and you have **PACSTAR-RL** -- the medium sized **REFUSE PACKER OF TOMORROW BUILT TODAY!**



**McNEILUS TRUCK AND MANUFACTURING, INC.**  
**CORPORATE HEADQUARTERS**

**EAST HWY 14 • P.O. BOX 70 • DODGE CENTER, MINNESOTA 55927 • 507-374-6321**

# PACSTAR-RL

## BODY SPECIFICATIONS

Fillable body capacity (yd <sup>3</sup> ) (not including hopper)	17	20	25
Advertised body size (yd <sup>3</sup> )	17	20	25
Estimated average compaction ratio (lbs/yd <sup>3</sup> )	UP TO 1,000	UP TO 1,000	UP TO 1,000
Estimated average payload (lbs)	15,300	18,000	23,000
Empty body weight (lbs)	10,900	11,300	11,900
Total weight of body and estimated average payload (without truck chassis) (lbs)	26,200	29,300	34,900
Truck Chassis - Minimum effective (top of frame) CA/CT	120	138	144
Packer body length to rear-most extremity of hopper	204.2	222.5	254.5
Packer Body height above truck frame	94	94	94
Fully open tailgate height above chassis frame	138	138	138
Practical fillable hopper capacity (yd <sup>3</sup> )	2.3	2.3	2.3
Hopper opening width	80	80	80
Hopper opening height	49	49	49
Hopper floor thickness (inches) and material yield strength (PSI)	1/4" - 100,000 PSI "AR" STEEL		
Hopper loading height above/below frame (normal mounting)	2.5 BELOW - ALL		
Types of welding as standard, full seam or skip	FULL - ALL		
Meets all ANSI Z245.1 safety standards as standard equipment	YES	YES	YES

## HYDRAULIC SPECIFICATIONS

	AUTOMATIC FLOW CONTROL		
Overspeed Protection			
Normal maximum operating system pressure (PSI)	2,200	2,200	2,200
Maximum acceptable oil flow (GPM)	38	38	38
Oil flow with pump furnished as standard (GPM)	35	35	35
Operating engine RPM for maintaining standard GPM	1,300	1,300	1,300
Hopper cycle time with standard pump and PTO (seconds)	18	18	18
Cylinders, number and size (inches)			
a) Slide (sweep)	(2) 4½	4½	4½
b) Packing	(2) 4	4	4
c) Ejection	(1) 3¾, 4¾, 5¾	3¾, 4¾, 5¾	3¾, 4¾, 5¾, 6¾
d) Tailgate lift	(2) 3	3	3
Hydraulic filters	100 MESH SUCTION • 10 MICRON RETURN		



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