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Put an end to your refuse collection problems with the new **Hobbs HYD-PAK Rear Loader**

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LOW LOADING HEIGHT means less muscle strain and fewer lifting injuries to workmen. The big-dimension loading hopper is one of the easiest-loading in the industry.

REAR-LOAD MECHANISM (tailgate) is raised by two hydraulic cylinders. Ejection plate pushes compacted refuse out the back of Hobbs HYD-PAK Rear Loader at disposal site.



This is Hobbs HYD-PAK's latest achievement in simplified engineering and uncluttered, balanced design. With maximum safety, economy and added strength engineered in, the Hobbs HYD-PAK Rear Loader is the most efficient new rear-loading packer on the market today. Look at these features:

new unitized construction — A series of wrap-around steel girdles make this unit extremely resistant to body-bulging packing pressures. The girdles act as stiffeners, causing the entire body shell to function as a load-carrying tube. They also give the body a distinctive appearance.

storage capacities — Available with storage capacities of 16, 18, 20 and 25 cubic yards. The width remains constant at 96 inches and the height over the truck frame at 90 inches. The overall length is the only dimension that changes in the different capacity bodies.

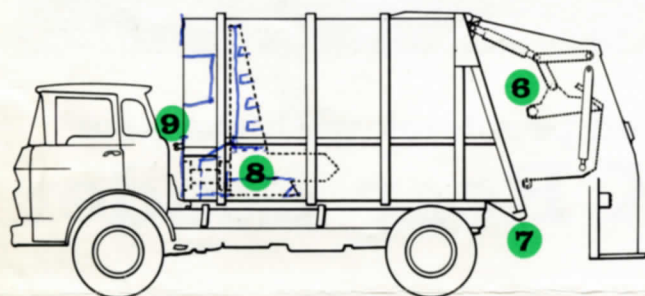
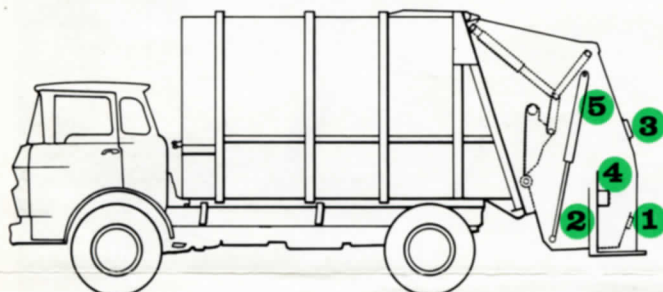
engineered hydraulic simplicity — Throughout this unit, hydraulic power is harnessed to lift the hopper, to clear it, to pack refuse (automatically, at the push of one button), with the appropriate amount of energy required. Natural gravity is used where possible, and the hydraulic system is unitized for easy maintenance.

safety-oriented design — The loading hopper's upward motion at the start of the packing cycle alerts operators and reduces chances of injury. Other safety features include a cutoff switch (in curbside control box) which can stop the packing cycle at any stage. Safety steps and handholds are provided for pick-up men on the rear of the body.

high compression works fast — Refuse is compressed by more than 83,000 pounds hydraulic force.

Here's how HOBBS HYD-PAK Rear Loader works:

1. Refuse of all types is loaded into hopper at rear, WITHOUT SELECTION.
2. The loading hopper is nearly 80" wide, six feet tall and has a capacity of 1 3/4 cubic yards.
3. Convenient handholds and non-slip safety tread steps are provided for operators.
4. Packing cycle is started by convenient push-button controls on curb side of hopper at the rear of unit. The entire packing cycle is automatic, but may be stopped at any point by the conveniently-located emergency switch.



5. Hydraulic cylinders, one on each side of the hopper and completely outside the refuse collection area, start retracting when the packing cycle is started. They lift the hopper, swinging it around its pivot point and forward toward the storage compartment.
6. The packer plate then descends, clears the hopper, packs the refuse into the storage compartment and covers the storage compartment opening. A special toggle linkage multiplies the force of the packer plate's two hydraulic cylinders, for a packing force of more than 83,000 pounds.
7. For refuse ejection, hold-down locks are released manually, and the entire rear-load mechanism or tailgate, is raised by two single-acting cylinders actuated by a control lever immediately behind the driver's side of the cab.
8. The ejection plate in the front of the storage compartment is then actuated by a control lever adjacent to the tailgate lever. The plate moves through the storage compartment, ejecting all refuse in 30 seconds or less.
9. Each lever pulls the opposite way to reverse — retracting the ejection plate back into the body, and lowering the rear-load tailgate by gravity.

HOBBS HYD-PAK Rear Loader General Specifications

Hobbs HYD-PAK Rear Loader bodies are constructed of high-tensile steel — 10 gauge in the floor and wrap-around girdles, and 11 gauge in the sides and roof, providing added strength and durability. The loading hopper is powered by two hydraulic cylinders. The packer plate is powered by two piston-type double-acting hydraulic cylinders. The entire packing cycle is accomplished at the push of one button.

The ejection plate, powered by a pushout hydraulic cylinder, rides on guides on the interior walls of the body shell. A needle valve may be actuated manually to bleed off pressure, allowing the hopper to descend by gravity, in case of jamming. The unitized hydraulic system is located in a console above the rear opening. All fluid used goes through a central filter.

The Hobbs HYD-PAK Rear Loader fits virtually any standard suitable truck chassis, attached by 12 heavy duty bolts. The pump operates at 2,000 psi. Clearance and marking lights are to ICC and Department of Transportation standards.

The Hobbs HYD-PAK Rear Loader is available with storage capacities of 16, 18, 20, and 25 cubic yards, but all units are just under eight feet wide and 90 inches tall over the truck frame. The only dimension that changes to give extra capacity is the length.

CAPACITY—CUBIC YARDS

	16	18	20	25
Length, Cab to End of Loader, Inches	197 3/4	210 3/4	223 3/4	256 3/4
Length, Cab to End of Body, Inches	134	147	160	193
Cab to Axle, Single Axle Truck, Inches	84	102	120	
Cab to Axle, Tandem Axle Truck, Inches			120	145
Maximum Height Above Truck Frame, Inches	89 3/4	89 3/4	89 3/4	89 3/4
Height of Raised Loader Above Truck Frame, Inches	145	145	145	145
Cab to Rear, Loader Raised, Inches	250	263	276	309

Hydraulic cylinders, powered by heavy duty pumps, provide systematic cycle times and packing force as follows:

Pump Delivery, Gallons per Minute	38	38	38	38
Revolutions per Minute	1800	1800	1800	1800
Rated Capacity, Pounds per Square Inch	2000	2000	2000	2000

HOBBS HYD-PAK

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