



A one-man automated system that handles a variety of residential container applications.

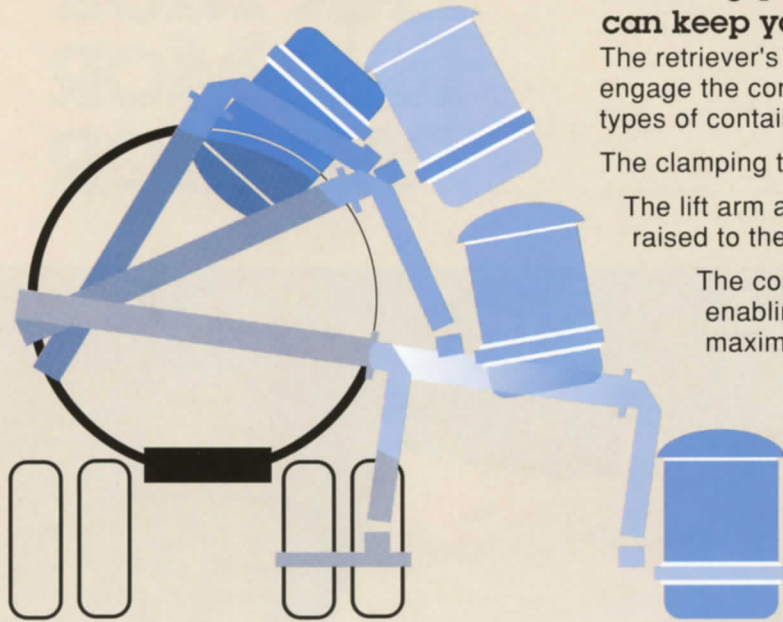
HR200 Retriever

PAK-MOR[®]
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DOING A BETTER JOB THROUGH BETTER DESIGN

Pak-Mor's automated HR200...as close to Versatile enough to handle



Amazingly Simple...fewer moving parts can keep you moving.

The retriever's telescopic lift arm can reach out a full 65 inches to engage the container. The lift system can handle several different types of containers...from 90 to 440 gallon synthetic containers.

The clamping tines engage the container.

The lift arm automatically levels the container as it is raised to the hopper opening.

The container is dumped into the top of the body, enabling a clean discharge of trash, and maximum utilization of the 6.0 cubic yard hopper.

The large hopper volume allows less cycling of the packer, which enables the unit to complete routes quickly and efficiently.

The entire lift cycle, including returning the empty container to the ground, can be accomplished in approximately 10 seconds.

The lift system, with the capacity to lift up to 2,000 pounds, can be installed on the curbside or streetside of the body.

Easy accessibility to components.

The access door, located on the side of the body opposite the lift device, facilitates service and repair of the body. Hydraulic components such as hoses, valves, cylinders, filters, the reservoir and the pump are readily accessible. This makes it easier to spot and repair component problems, thus eliminating downtime and cutting repair costs.

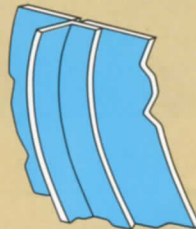
Automatic rear door locks.

One control hydraulically actuates the top-hinged hydraulic rear door and locks. The operator can unlock, raise, lower and relock the rear door without leaving the cab. This allows a faster and easier one-man operation.

More from Pak-Mor...

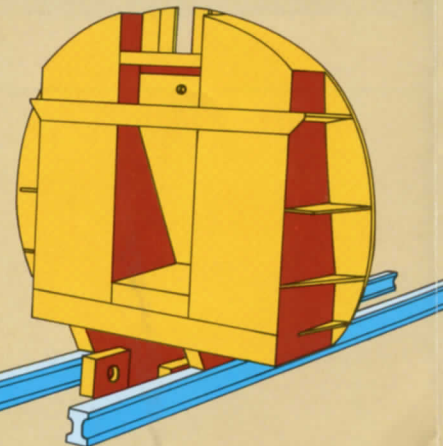
Greater body strength.

Pak-Mor is built better for longer service. A series of structural steel angle ribs are welded to the body permitting it to easily withstand high compaction forces without distortion. Pak-Mor's cylindrical design provides a structure that's equally resistant to stress throughout its entire circumference. Weakness in corners and flat walls is avoided.



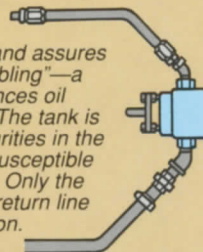
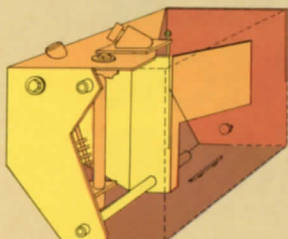
Packer plate.

Constructed from 1/4 and 3/16 inch steel, the HR200's packer plate resists buckling and wear. It's designed for severe duty and efficient operation as an integral component of PAK-MOR's "on-the-level" compaction system. The packer plate rides on extra hard vanadium I-beam guides that assure its alignment, stability, and low risk of jamming.



Long life hydraulic system.

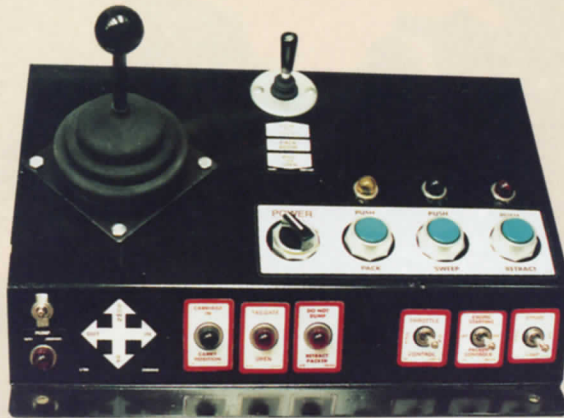
Pak-Mor's reservoir is mounted on the chassis frame and assures a positive flow of oil to the pump and prevents "air bubbling"—a troublesome wear factor. Baffling within the tank enhances oil circulation and reduces heat—a major cause of wear. The tank is equipped with a magnetic tank trapper to remove impurities in the hydraulic system. The high quality gear pump is less susceptible to wear and pitting caused by impurities in the system. Only the highest quality, precision valves available are used. A return line filter and a suction line filter provide additional protection.



ose to trouble-free as you'll ever get. handle any job.

Cab controls.

The cab controls include push button, air actuated pack and sweep controls, an air actuated 4-way joystick for operation of the lift system, and a positive lever, air actuated control for operation of the rear door. The cab control console also includes indicator lights to indicate when the rear door is unlocked/opened or the packer plate is not fully retracted.



Packer lock-out system. (optional)

The packer lock-out system renders the container handling device inoperative when the packer plate is not fully retracted to the front of the body. This prevents the inadvertent dumping of a container's load behind the packer plate of the body.

Top hopper door. (optional)

Available as an option, is a laterally sliding single piece top hopper door that can completely close the hopper opening during travel or operation of the packer plate. The top hopper door is operated by a positive lever, air actuated control provided in the cab.

The HR200 Retriever's lift system handles a variety of containers.

The Retriever's lift system can engage a variety of synthetic containers from capacities of 90 to 440 gallons with one clamping device. Multiple sets of removable jaws are not required. This further enhances the Retriever's collection efficiency and speed even on routes that have a mixture of container sizes.

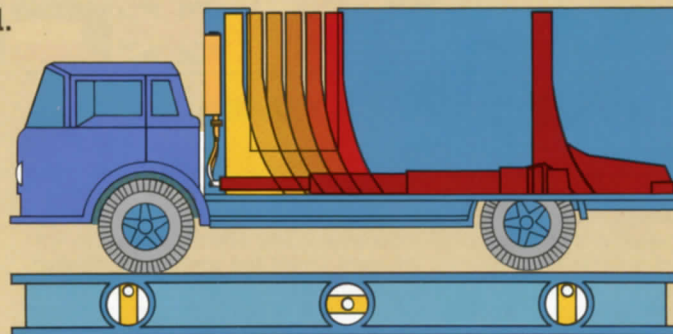


100% Compaction that's on the level.

The trunnion mounted packer cylinder operates parallel to the floor of the body, concentrating in excess of 92,000 lbs. of output force directly into the load. PAK-MOR's system delivers maximum compaction efficiency and imposes no destructive force on the body floor. Compaction systems utilizing angularly mounted packer cylinders require greater cylinder output power to deliver the same amount of effective compaction force as the PAK-MOR compaction system, and they greatly increase wear on the body floor.

Packer cylinder.

PAK-MOR's rugged packer cylinder is a multi-stage double-acting cylinder. The chrome plated stages' 10 inch to 12 inch overlap provides built-in protection from excessive wear and sideload damage to the cylinder.



Rapid sweep cycle.

PAK-MOR's sweep cycle clears the hopper in approximately 10 seconds, speeding up route time. The full extend pack cycle is utilized for compacting between stops. The ejection cycle is actuated when dumping the load is required.

2 Manufacturing Plants in the U.S. 150 Worldwide Distributors.



San Antonio, Texas Plant



Duffield, Virginia Plant



National and Worldwide distributors to serve you no matter where you are.

A global distributorship network brings Pak-Mor within easy reach of any user anywhere in the world. Information on new product additions and the ability to order parts through this distribution system makes Pak-Mor internationally recognized in the solid waste disposal industry.



THE PRESIDENT'S
CERTIFICATE FOR EXPORTS



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*Telephone area code will change to 210 late in 1992

All PAK-MOR Bodies comply with standards established by the American National Standards Institute (ANSI Z 245.1-1992)

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