



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

HLR Container Retriever

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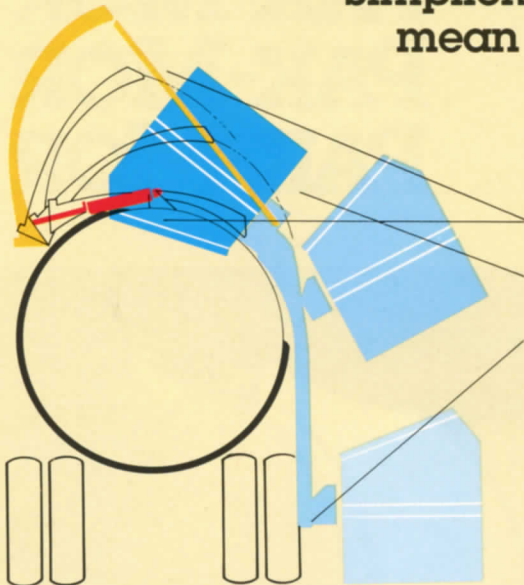
PAK-MOR[®]
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DOING A BETTER JOB THROUGH BETTER DESIGN

Pak-Mor's automated Container-Retriever

as you'll ever get...ve



Simplicity of design...fewer working parts mean fewer parts that can stop working.



The Container-Retriever reaches out a full 30 inches to engage the container. The lift device can be adapted to handle several different types of containers...from 90 to 300 gallon synthetic containers, up to 4 cubic yard steel containers.

The lift frame assembly is actuated by two 4-inch cylinders.

Lift links, attached to the lift frame, pull the lift carriage up the tracks.

The contoured tracks stop vertical travel and allow the container to empty its contents in 20 seconds or less.

The lift device, with the capacity to lift up to 3,000 pounds, can be installed on the curbside or streetside of the body.

The container is dumped into the top of the body enabling a clean discharge of trash, and maximum utilization of the large hopper volume. This allows less cycling of the packer which enables the unit to complete routes quickly and efficiently.

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.

Top hopper door. (lift frame cover)

It's standard equipment on Pak-Mor's Container-Retriever. The door, an integral part of the lift frame, is closed over the hopper when the lift device returns a container to ground level. This minimizes the possibility of trash escaping from the hopper.

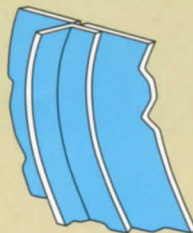
Packer lock-out system. (optional)

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.

More from Pak-Mor...

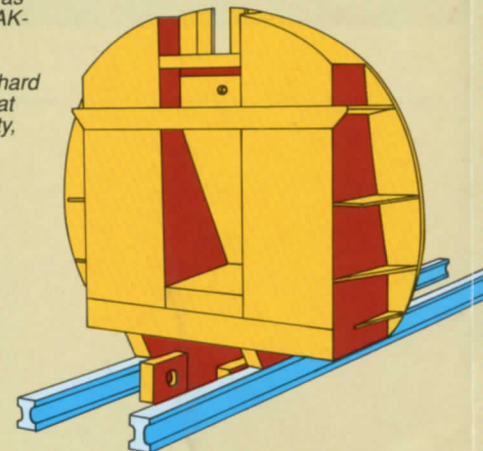
Greater body strength.

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.



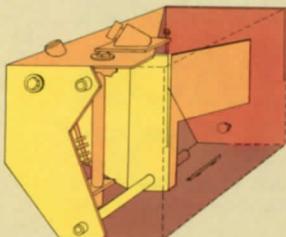
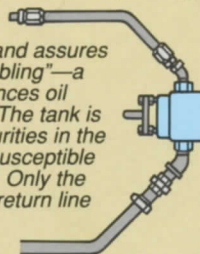
Packer plate.

Constructed from 1/4 and 3/16 inch steel, the HLR'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.

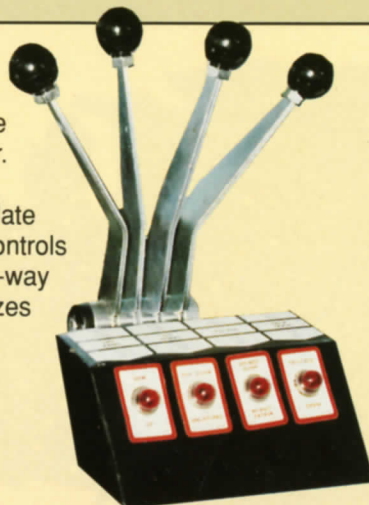
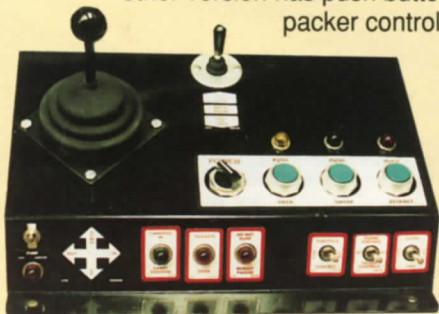
Pak-Mor's reservoir is mounted on the chassis frame and assures a positive flow of oil to the pump and prevents "air bubbling"—a troublesome wear factor. Baffling within the tank enhances oil circulation and reduces heat—a major cause of wear. The tank is equipped with a magnetic tank trapper to remove 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.



Retriever...as close to trouble-free versatile enough to handle any job.

Cab controls.

Positive lever, cable actuated controls are located in the cab for operation of the packer, lift device and rear door. The control console includes indicator lights to indicate when the rear door is unlocked/opened or the packer plate is not fully retracted. Two variants of air actuated cab controls are available as options. Both include an air actuated 4-way joystick for operation of the lift device. One version utilizes positive lever, air actuated packer controls, while the other version has push button, air actuated packer controls.



Automatic side closure door. (optional)

If both containerized and manual collection are desired, an automatic side closure door with positive lever packer controls can be installed on the side of the body opposite the lift device in lieu of the access door. The door eliminates manual openings and closings, and is equipped with a skid-resistant loading step and handrails.



Remote lubrication system. (optional)

The remote lubrication system allows easy servicing of the lift device's 8 uppermost lubrication points from ground level. The system includes 8 grease fittings on the side of the body connected to lines that deliver the grease to the lubrication points.

Automatic rear door locks.

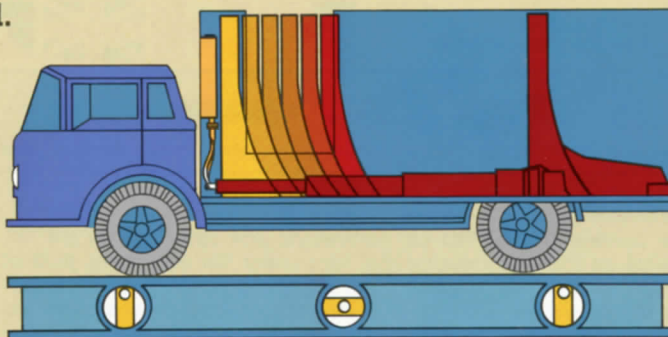
One lever hydraulically actuates the single piece, top-hinged rear door and locks. The locks firmly secure the door at points on its side perimeters. The operator can unlock, raise, lower, and relock the rear door without leaving the cab. This allows a faster and more convenient one-man operation.

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.

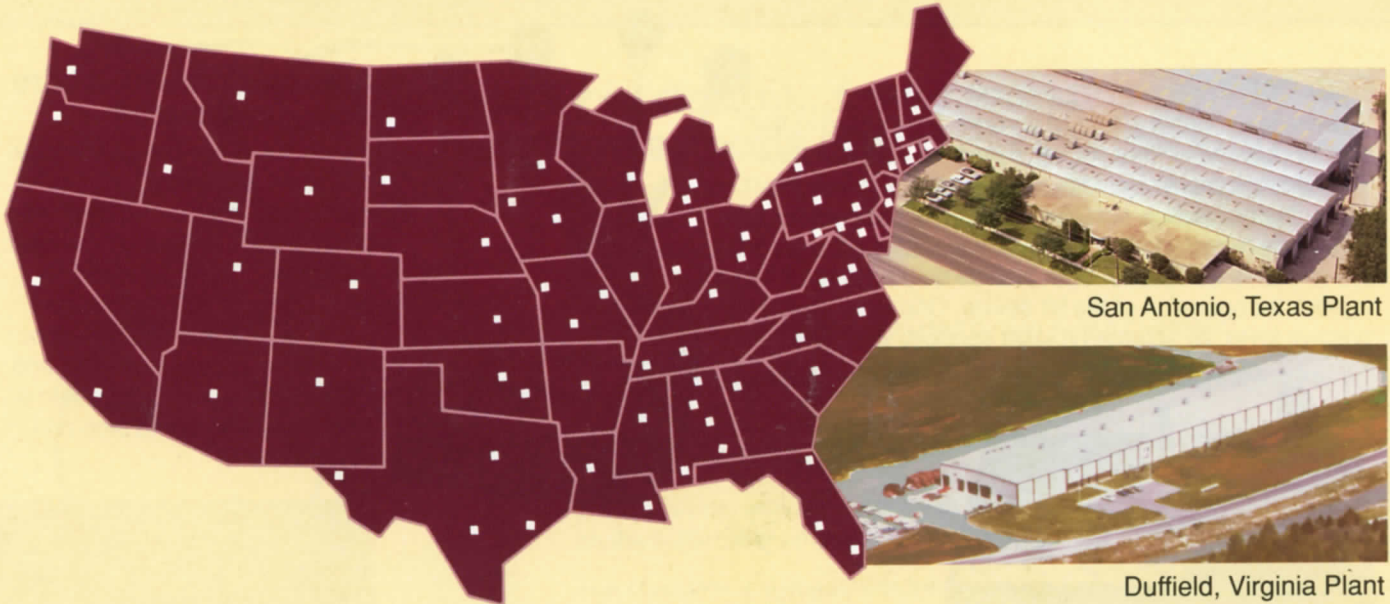
PAK-MOR's rugged packer cylinder is a multi-stage double-acting cylinder. The chrome plated stages' 10 inch to 12 inch overlap provides built-in protection from excessive wear and sideload damage to the cylinder.



Rapid sweep cycle.

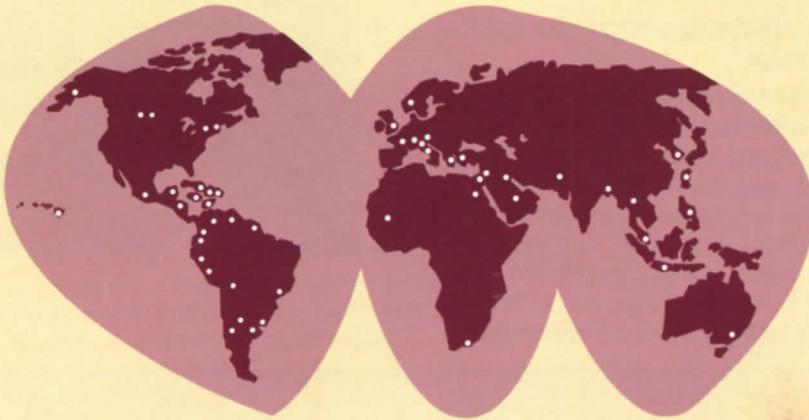
PAK-MOR's sweep cycle clears the hopper in approximately 10 seconds, speeding up route time. The full extend pack cycle is utilized for compacting between stops. The ejection cycle is actuated when dumping the load is required.

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 E
CERTIFICATE FOR EXPORTS



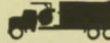
Side Loaders



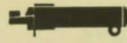
Rear Loaders



Front Loaders



Leaf Loaders



Lo Boyes



Dual Chamber Rear Loaders

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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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