

GarWood **LOAD-PACKERS**



Substantially Reduce
REFUSE COLLECTION COSTS
... and Eliminate Unsanitary Conditions

OF HEAVY-DUTY EQUIPMENT CO.

1000 W. 14th St. Columbus, Ohio

FASTER LOADING

One very important reason why the Gar Wood Load-Packer cuts the cost of refuse collection when it replaces other equipment is because it reduces the time necessary to load any given amount of refuse. This applies not only to dumping the refuse from the individual container into the hopper of the Load-Packer, but also to pushing the refuse from the hopper into the body of the Load-Packer . . . and then having the hopper ready to receive another load. All this is done in a minimum amount of time.

The four simple, time-saving steps are illustrated here. Note that there are only two simple controls . . . both conveniently located and easily accessible to the collection crew. Unskilled labor can operate the Gar Wood Load-Packer. There is nothing complicated or difficult . . . anyone can learn very quickly. Automatic overload protection prevents damage from overloading by careless crew.



LARGE HOPPER—LOW LOADING

Two large receptacles can be easily dumped into the large hopper of the Load-Packer at the same time without the men interfering with each other . . . and without spilling. Men working one side of the street or alley do not lose time waiting for those working the other side to get away from the hopper.

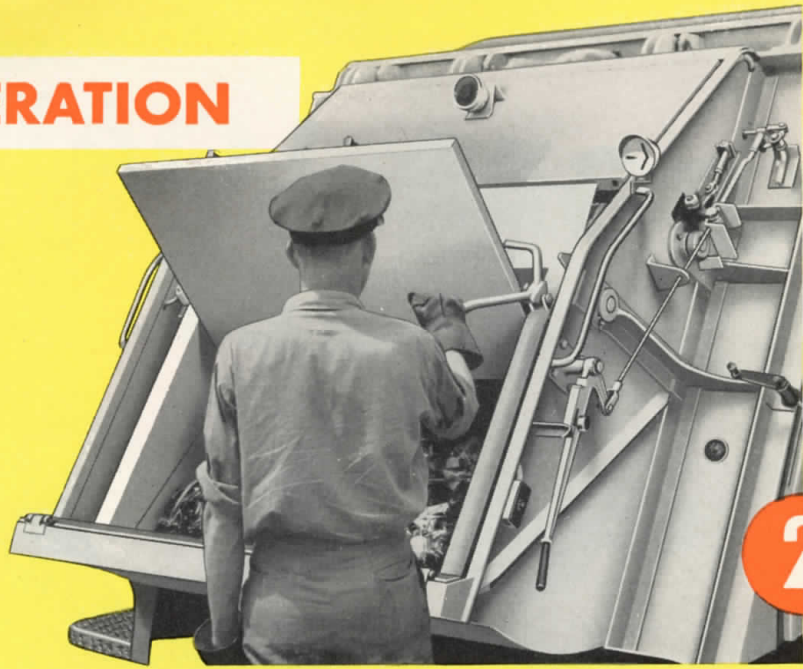
The low loading height of the Load-Packer makes

dumping refuse from the containers into the hopper an easy lift for even a small man. As a result, the crew can empty many more containers in a given time with much less effort. This reduction of fatigue enables the men to work at the same rate throughout the day. Low loading also minimizes the risk of physical strain.

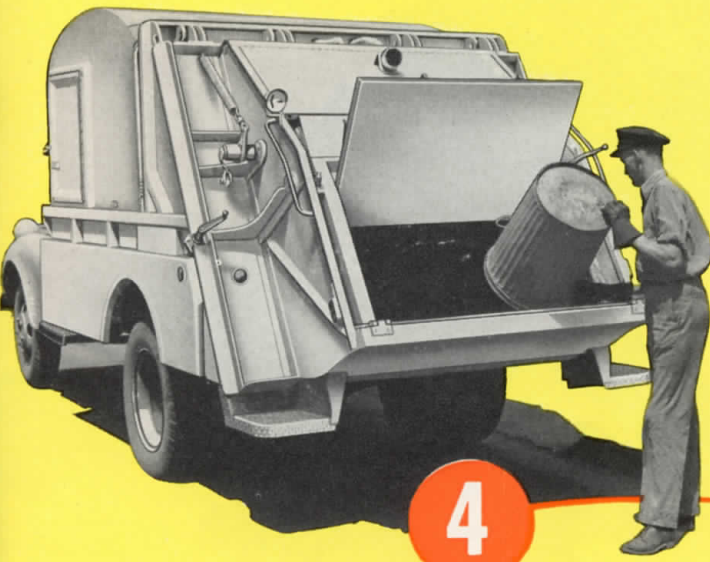
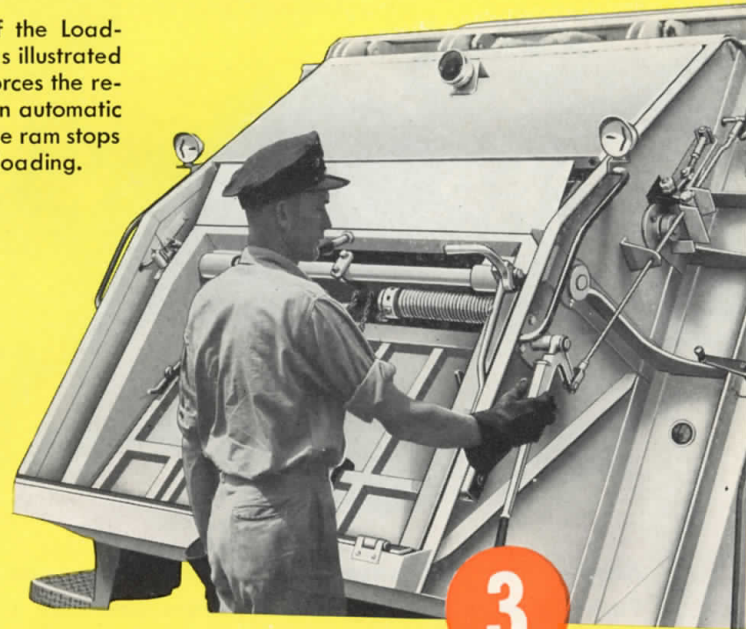
REDUCE REFUSE COLLECTION COSTS

QUICK, EASY OPERATION

When the large hopper has been filled, any member of the crew simply pulls the small lever (as shown at the right) to close the loading door. This seals the hopper and the entire body . . . nothing can spill or blow away.



To empty the closed hopper into the body of the Load-Packer, the crew member just presses a button (as illustrated at right). The hydraulically operated ram then forces the refuse into the body where it is held in place by an automatic retaining plate (see page 5). If the body is full, the ram stops automatically and prevents damage from overloading.



When the hopper has been emptied, the ram automatically returns to its original position and the loading door opens automatically. Without any action by the crew, the hopper is now ready to be filled again. Only 15 seconds elapse from time the full hopper is closed for emptying until it is open again for the next load.

**COMPLETE CYCLE
REQUIRES ONLY
15 SECONDS**

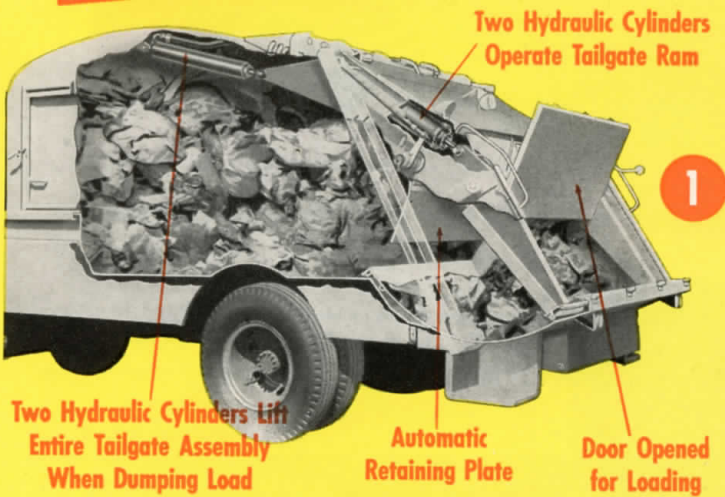
**LARGER LOADS . . .
. . . FEWER TRIPS**



Another important reason why the Gar Wood Load-Packer always cuts the cost of refuse collection is because it *compresses the greatest amount of refuse into the smallest space*. As shown at the right, hydraulic rams exert tremendous pressure on the load so that the body is completely filled with a solid, full capacity load weighing several times as much as a loose load. Consequently, the truck makes fewer trips to incinerator or dump which results in substantial savings in gasoline, oil, tires, maintenance . . . and often in truck investment. Reduction in idle time of collecting crew is another important saving.

REDUCE REFUSE COLLECTION COSTS

TREMENDOUS HYDRAULIC PRESSURE COMPRESSES LOAD



1. While the hopper is being filled, the refuse already in the body is held in place under compression by the automatic retaining plate.



2. When hopper has been filled and loading door closed, the tailgate ram begins its movement (see also page 3). At that instant, the retaining plate is automatically released and snaps back against the tailgate.

FAST, COMPLETE DUMPING



There are no obstructions on the inside of the Load-Packer to interfere with clean and complete dumping. Twin under-body hoists (used only for dumping) powered by a large capacity Gar Wood pump assure fast dumping of the load.



3. The tailgate ram is actuated by two heavy-duty hydraulic cylinders that provide a total force of from 50,000 to 70,000 pounds (depending upon Load-Packer size) . . . more than ample to compress the contents of the hopper into the body. At end of ram stroke, the retaining plate automatically latches into its original position to hold the compressed body load. The tailgate ram then automatically returns to loading position (see page 3).

COMPRESSED LOAD HELD FORWARD IN BODY BY AUTOMATIC RETAINING PLATE

LONGER LIFE . . . LESS MAINTENANCE

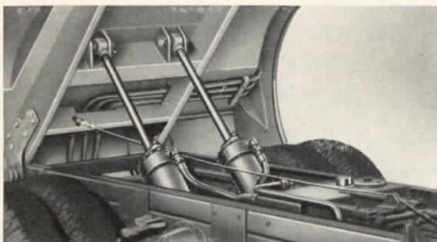
Among the reasons why so many municipalities and contractors have standardized on Load-Packers are their low maintenance cost and exceptionally long life. This is no accident . . . Load-Packers are designed and built that way! The details shown at the bottom of this page are typical of the superior construction of Gar Wood Load-Packers.

LOAD-PACKER life often exceeds chassis life

There are numerous instances on record where Gar Wood Load-Packers have outlived their original chassis. Shown here is a case in point. This Load-Packer has been used continuously by the City of Staunton, Virginia, for eleven years. Two years ago it had worn out the original truck and was mounted on the chassis shown.

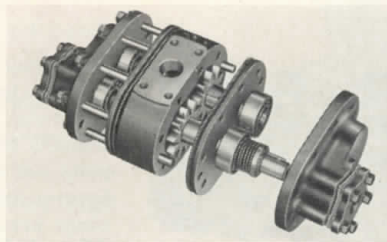


2 HOISTS ARE BETTER THAN 1



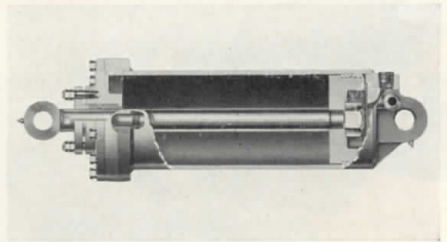
Shown here are the two hydraulic hoists under the body of the Load-Packer that are used only for dumping the load . . . they have complete control of the body throughout *entire* lifting, holding and lowering cycle. These twin hoists assure better distribution of the load when dumping and minimum stress concentration in both the body and the chassis.

HEAVY DUTY HYDRAULIC PUMP



Designed expressly for the Load-Packer, this pump is exceptionally rugged and efficient. Double rows of ball bearings permit greater loads at higher speeds. Shafts and gears are high alloy steel; shafts are ground and gears are precision shaved for quiet operation.

PRECISION DOUBLE-ACTING CYLINDERS



Cylinders for compressing the refuse and for dumping the load are power operated in both directions. Cylinders are seamless steel tubing, precision bored and honed to a perfect finish. Piston has 6 rings in separate grooves to provide positive seal.

REDUCE REFUSE COLLECTION COSTS

... and ELIMINATE UNSANITARY CONDITIONS

Public health authorities throughout the world are enthusiastic in their recommendation of the Load-Packer. Why? Because it is completely enclosed and cannot spill bacteria-laden and noxious refuse in streets and alleys. The Load-Packer has played an important part in many municipal campaigns to promote public cleanliness and exterminate rats, flies, and other vermin that carry disease and cause epidemics.

COMPLETELY ENCLOSED

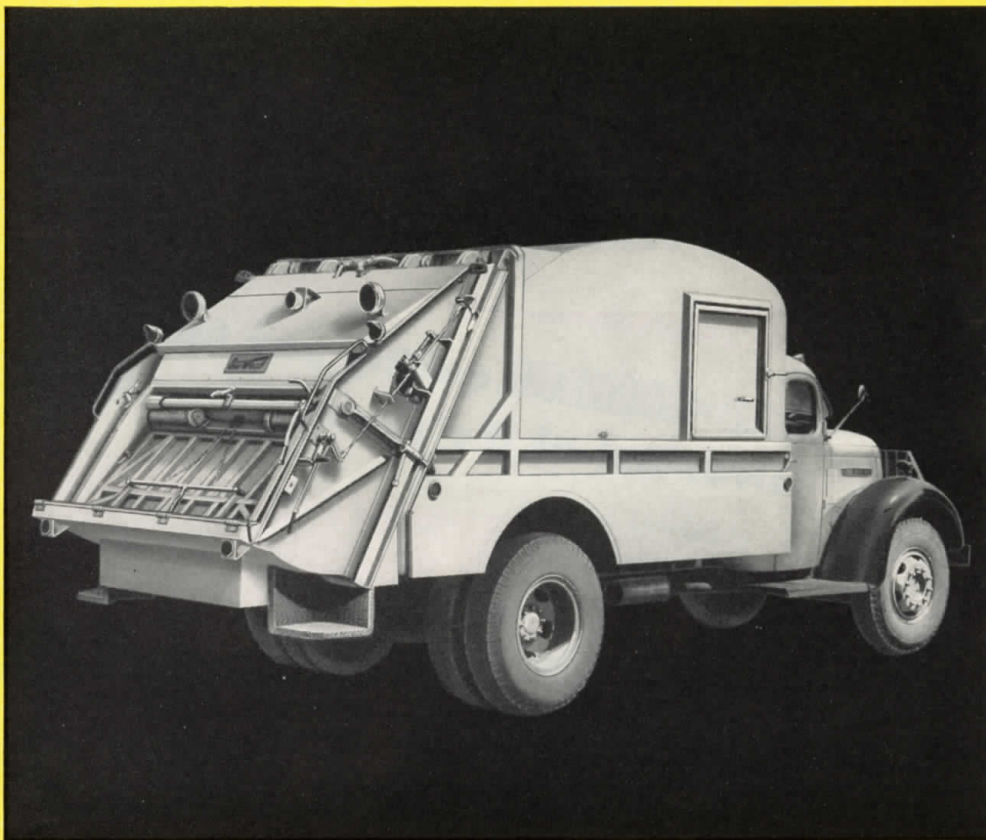
The load in the body of the Load-Packer is completely enclosed at all times . . . even when the hopper door is open. When the hopper door is closed, there is a double protection between the body load and the outside. No refuse or odor can escape. Wind, rain, snow and sleet do not interfere with sanitary and efficient loading.

NO SPILLING

The loading hopper of the Load-Packer is exceptionally long and wide . . . so big that the largest containers can be emptied without spilling. The hopper is stationary and the refuse is forced into the enclosed body by a hydraulic-powered tailgate ram; consequently, nothing can fall out or blow away.

ATTRACTIVE APPEARANCE

The clean, modern appearance of the Load-Packer (as well as its efficient performance and economy) makes it an asset in any community. This attractive and sanitary appearance goes a long way in awakening public interest and pride in community cleanliness . . . it also indicates to the people that their public officials are giving them the best refuse collection service possible.



LOAD-PACKER SIZES

Rated Capacity Cu. Yd	Chassis C/A In.	Overall Width In.	Hopper Capacity Cu. Yd	Load-Packer Unit Weight Empty (lb)
9	84	91	3/4	6590
12	92	91	3/4	6910
15	102	95	1	7780

Proven and Preferred

The **LOAD-PACKER** is the original Packing-Type refuse collection unit . . . today it is more popular than ever before

More than 1300 cities, towns, contractors, etc. are now using **LOAD-PACKERS**

LOAD-PACKERS quickly pay for themselves out of the savings they make

There is only one Load-Packer...
the GarWood LOAD-PACKER

GAR WOOD INDUSTRIES, INC.

Wayne Division, Wayne, Michigan

PRODUCTS—Hoists • Dump Bodies • Winches • Cranes



SALES AND SERVICE BY

HOEKSTRA TRUCK EQUIPMENT CO.

18 Coldbrook Ave. N. W.

Grand Rapids, Michigan