

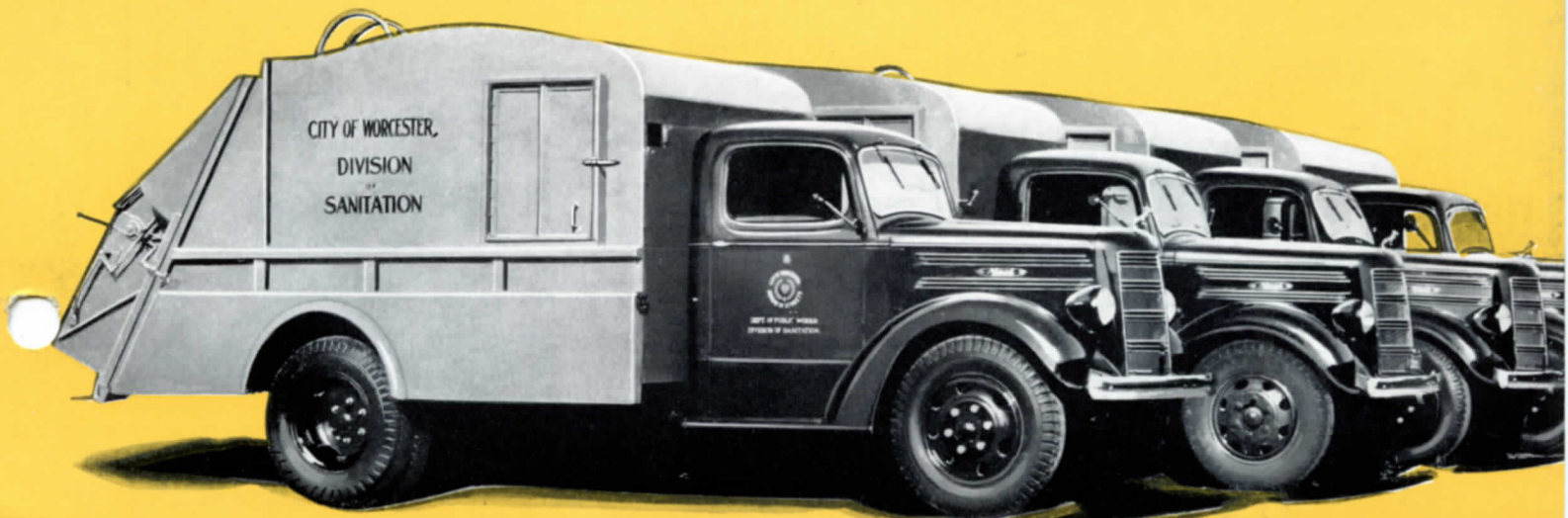


*The*

**GAR WOOD**

**LOAD-PACKER**

FOR CLEANER, HEALTHIER MUNICIPALITIES



# For Cleanliness and Health



FIG. 1

Fig. 1—Spring balanced, floating doors swung up and automatically latches in position. The Load-Packer is now ready for loading garbage, rubbish or bulky trash into the hopper. Wide door opening provides ample space for emptying large containers. Note low loading sill which allows for faster, easier loading and permits men to load all day without experiencing undue fatigue. The low sill eliminates risk of injuries.



FIG. 4

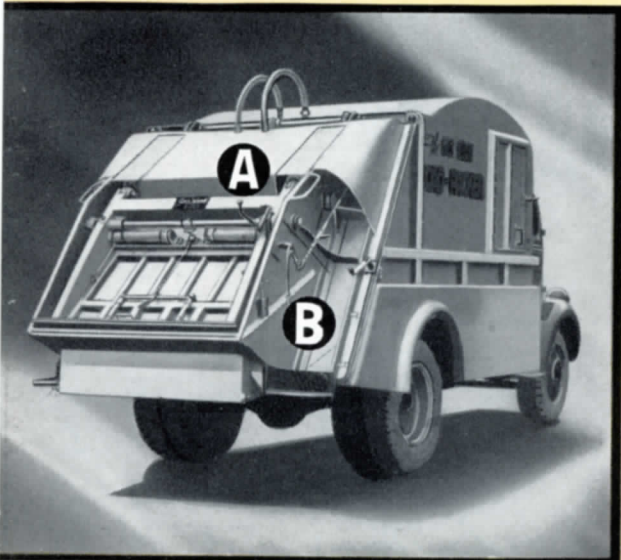


FIG. 2

Fig. 2—After the loading hopper is filled, the small hand-controlled lever "A" closes the loading door, sealing the hopper and entire body. The tailgate is now ready for the ramming action which compresses the garbage or rubbish into the body. Lever "B" operates the tailgate ram. The all-enclosed Load-Packer body does not permit anything to spill or be blown away—a truly sanitary body.

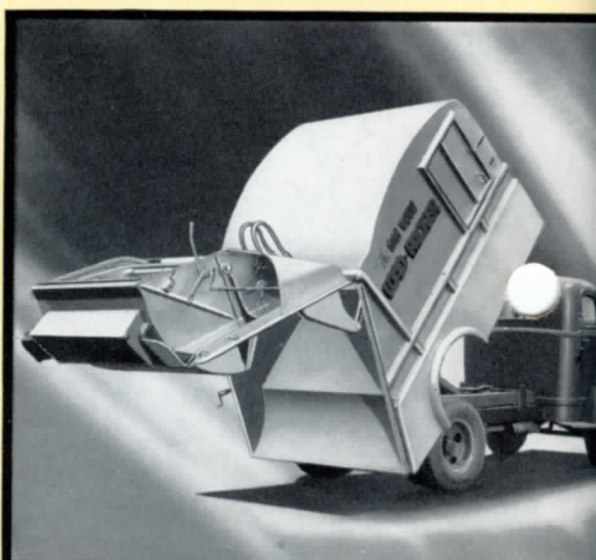


FIG. 5

Fig. 3—Operator pulls lever "B" to start action of tailgate ram. The loading hopper is emptied when garbage or rubbish is rammed into the body by the tailgate ram which is operated by two hydraulic cylinders. The compressing ram then returns automatically to the loading position with the loading door open. A complete cycle of operation occupies approximately 8 to 15 seconds. When garbage in the hopper is compressed into the body, water and other liquids are squeezed out, draining into tank located directly below the hopper. This insures garbage burning more readily, thereby effecting economy at the incinerator. The elimination of excess liquids reduces total weight of load and allows body to accommodate more garbage.

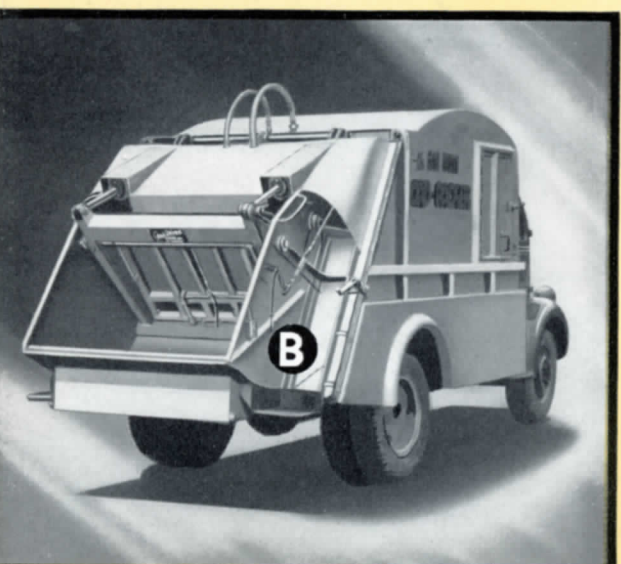


FIG. 3

Fig. 4—The entire tailgate (including tailgate compressing ram) is raised by two hydraulic cylinders which are located inside at the top of the body. The location of these hydraulic cylinders is shown in the cut-away illustration (See Figure 7, at right.)

Fig. 5—After the tailgate is raised and body lifted to dumping position (50° angle), the compressed load slides out cleanly and quickly.

Fig. 6—Double-acting twin cylinder underbody hydraulic hoists—providing power up and power down—raise body to 50° dumping angle and also pull body down to loading position.



FIG. 6

THE **LOAD-PACKER** IS OFFERED EXCLUSIVELY BY

# collect GARBAGE and RUBBISH

ACCOMMODATES  
GREATER LOADS

## THE ALL-ENCLOSED GAR WOOD **LOAD-PACKER**

COMPRESSES  
LIKE BALER

More than a quarter of a century ago, Gar Wood invented the hydraulic hoist which revolutionized the *dumping* of truck loads. Today, in the new Gar Wood Load-Packer, the same principle of hydraulic action is used for *loading*, as well as for dumping.

### ONE OF TODAY'S GREATEST INVENTIONS

The Gar Wood Load-Packer is the newest, fastest, most sanitary and economical unit for collecting and hauling garbage and rubbish and offers an inexpensive way to provide cleaner and healthier municipalities. The Load-Packer compresses all types of garbage, refuse and rubbish including cartons, boxes and miscellaneous trash into a compact, full capacity load that is many times greater by weight than the usual loose load. Every available cubic foot of the body can be filled.

### A MODERN TRULY SANITARY BODY

The Load-Packer body is all enclosed. Odors are confined and papers cannot blow away. There is no unsanitary trough or bucket on the outside to permit spillage. Liquids are squeezed out allowing garbage to burn faster. A big loading hopper located close to the ground simplifies loading by shovel or from baskets and cans. The last few loadings go on just as quickly as the first. The tailgate ram can be operated while the truck is moving, thereby speeding up collection. The load is dumped in the conventional manner.

### HYDRAULICALLY OPERATED

A Gar Wood precision-built, double-row-ball-bearing pump operated by a Gar Wood power take-off on the truck trans-

mission, supplies the power to provide hydraulic pressure to the two cylinders which pack the load into the body at 900 lbs. to the square inch. This pump also supplies oil pressure to the two cylinders that lift the tailgate for dumping of loads and for the two-way twin hoists that raise and lower the body—or hold it in any position on the way up or down. A Gar Wood multiple control valve directs the oil from the pump to the loading cylinders, to the cylinders for lifting the tailgate, and to the hoists for raising and lowering the body. The multiple control valve is simple in construction, precision-built and extremely accurate in performance. An excess pressure valve protects all operations.

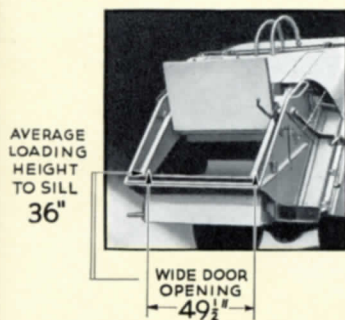
### THE SWING IS TO THE LOAD-PACKER

Users in more than a score of States, and in Canada, South America and Honolulu are finding the Load-Packer a profitable investment. (List of users furnished on request.) The hydraulically compressing action feature assures 30 to 50 per cent greater loads, depending upon the type of material collected. The Gar Wood Load-Packer quickly pays for itself, according to users who report savings from 25 to 50 per cent where Load-Packers are used, in comparison with other types of garbage collection units.

Investigate the outstandingly valuable features of this modern and truly sanitary all-enclosed unit. Write or ask for data showing how other municipalities have cut collection and hauling costs with Gar Wood Load-Packers and at the same time have impressed the public from the standpoint of cleanliness and sanitation.

## FEATURES

### LOW LOADING



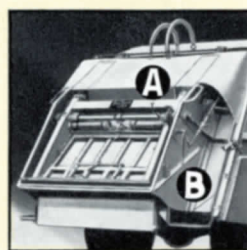
Loading position with hopper door swung up. Note low loading height, width of hopper and depth of loading space when door is open, sufficient to accommodate 50 gallon drum upended.



### SQUEEZES OUT LIQUIDS

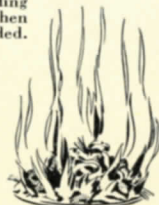
The compressing of the load eliminates excess liquids, reducing load weight and allowing body to accommodate more garbage.

### EASY TO OPERATE



JUST  
TWO  
THINGS  
TO DO

Close loading door with lever (A)  
Operate tailgate ram with lever (B)



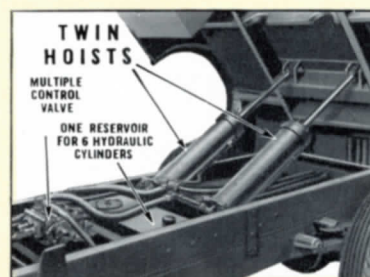
### DRIER GARBAGE BURNS EASIER

When garbage in the hopper is compressed into the body, water and other liquids are squeezed out. This insures garbage burning more readily thereby effecting economy at the incinerator.

### WET GARBAGE SMOLDERS



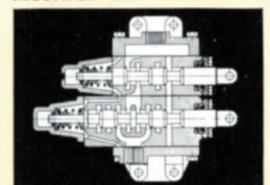
### HYDRAULICALLY CONTROLLED



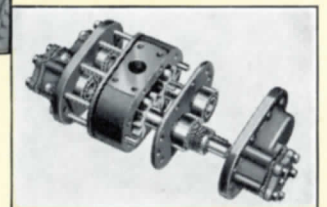
### THE GAR WOOD TWO-WAY TWIN HYDRAULIC HOISTS

Raise and lower body by hydraulic power. Hold body in any position.

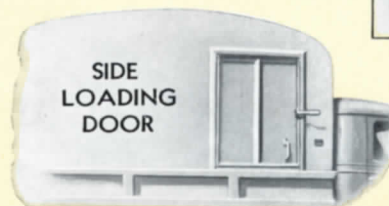
### MULTIPLE CONTROL VALVE



Provides Power Movement  
UP... DOWN... HOLD



Precision-Built  
double-row-ball-  
bearing Pump



### SIDE LOADING DOOR

A hinged door with lock and handle, on the curb side of the Load-Packer body permits loading of bulkier materials.

### HYDRAULIC CYLINDERS

are double acting. Cylinders are seamless steel tubing, precision bored, and ground to a mirror-like finish.



**GAR WOOD INDUSTRIES, INC., DETROIT, MICHIGAN,**

# this New Modern way

## LOADING

The cutaway illustration (FIG. 7) shows the loading position, with the door swung up for filling the hopper. An automatic retainer plate holds garbage already packed. This retainer plate is released and snaps back against the tailgate ram at the instant lever "B" (see FIG. 2) operating the ram is pulled and the ram moves forward (see arrows and dotted lines).

## RETAINING PLATE ACTION

The cutaway illustration (FIG. 8) shows the automatic retaining plate swung back against the tailgate ram. This plate acts as a shear between the tailgate ram and material loading.

## PACKING

(FIG. 9) After the loading hopper has been filled, the loading door is closed and becomes part of the tailgate ram. The operating lever "B" (at rear, right-side of the body) is then moved and two hydraulic cylinders thrust the tailgate ram against the garbage in the loading hopper, ramming it from the hopper and packing it into the body. This operation cleans out the hopper. The tailgate ram automatically returns to its starting position while the retainer plate is latched in a forward position to hold garbage already packed. With one movement of the tailgate ram lever, the entire loading cycle of approximately 8 to 15 seconds is accomplished.

The Gar Wood Load-Packer is furnished in capacities of 9 and 12 cu. yds., however, accommodates much greater loads in comparison with other types of bodies of like capacity, by reason of compressing the load—the amount accommodated governed by the type and weight of load to be hauled. Gar Wood Load-Packer Weights: 9 cu. yds. approximately 6100 lbs.; 12 cu. yds. approximately 6500 lbs.

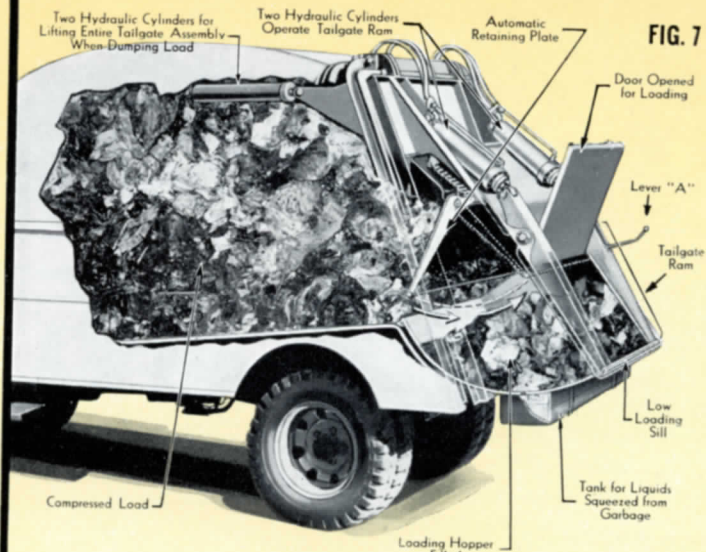


FIG. 7



FIG. 8

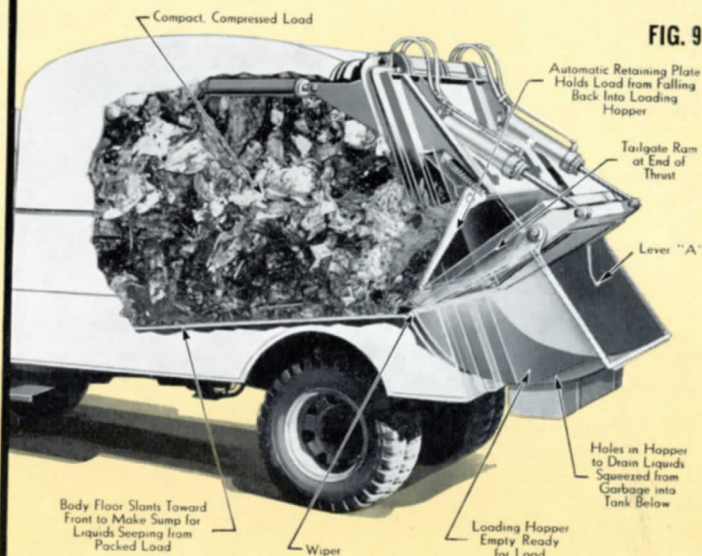


FIG. 9

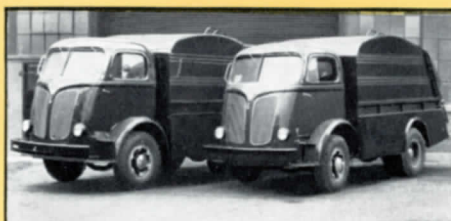
WORLD'S LARGEST MANUFACTURER  
OF TRUCK AND TRAILER EQUIPMENT

The NATION'S  
SWING IS TO THE

# LOAD-PACKER



Schenectady, New York: After thorough investigation selected thirteen Gar Wood Load-Packers.



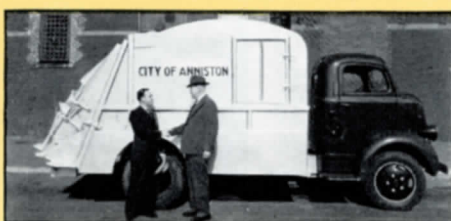
U. S. Marine Corps: First shipment of fleet of five Gar Wood Load-Packers.



Coronado, California: Recommend the use of Gar Wood Load-Packers for any city.



Tonawanda, New York: First Gar Wood Load-Packer sold in the United States.



Anniston, Alabama: First Load-Packer sold in the South, two years ago



Alloy, West Virginia: Manufacturing community finds Gar Wood Load-Packer best.



Flint, Michigan: This nine-yard Gar Wood Load-Packer handles 16,000 pounds of garbage.



Salt Lake City, Utah: Sanitary and safety features made this Gar Wood Load-Packer preferred.



Babylon, New York: (Contractor) Gar Wood Load-Packers cut costs over two-year period.



Columbus, Indiana: One Gar Wood Load-Packer replaced three old-fashioned units.



Merced, California: This Gar Wood Load-Packer rendering highly satisfactory service.



Billings, Montana: Well pleased with three Gar Wood Load-Packers. More contemplated.



Newport, Rhode Island: One Gar Wood Load-Packer doing the work of several ordinary units.



Durham, North Carolina: Fleet of four Gar Wood Load-Packers do the work better.



Newcastle, Indiana: Analyzed every type of unit before buying this Gar Wood Load-Packer.



Detroit, Michigan: A twelve-yard Gar Wood Load-Packer proves trouble-free.

Ridgefield Park, New Jersey: Load-Packer is exceptionally efficient for handling leaves as well as garbage, etc.



Cover illustration shows partial Gar Wood Load-Packer fleets in service by Gary, Indiana (top), Worcester, Massachusetts (bottom).

## OTHER COUNTRIES ARE USING LOAD-PACKERS



Medellin, Colombia, S. A.: First shipment of fleet of five Gar Wood Load-Packers.

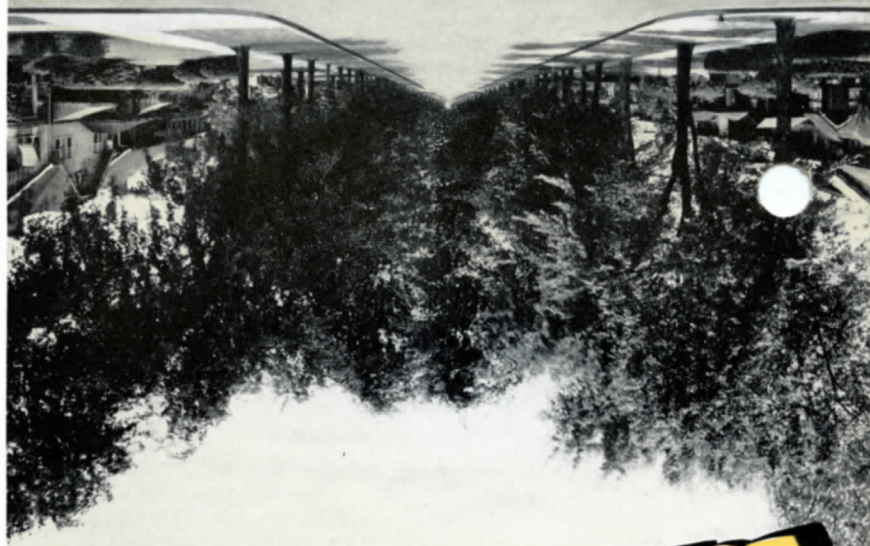


Honolulu, Hawaii: The first of six Gar Wood Load-Packers now in daily use.



Montreal, Canada: Eighteen Gar Wood Load-Packers in use since 1938.

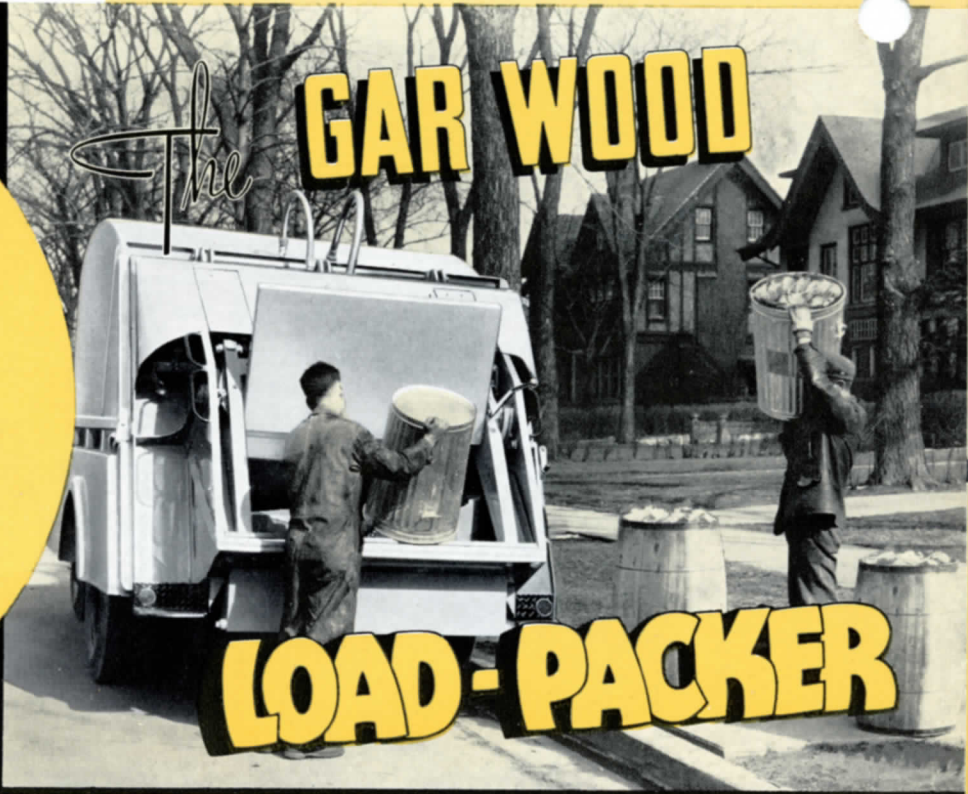
FOR CLEANLINESS AND HEALTH



**LOAD-PACKER**  
**GAR WOOD**  
*Presenting the*

Sec. 562, P. L. & R.

*Newest*  
FASTEST—MOST  
SANITARY AND  
ECONOMICAL WAY  
TO COLLECT AND HAUL  
**GARBAGE**  
AND  
**RUBBISH**



DISTRIBUTED BY