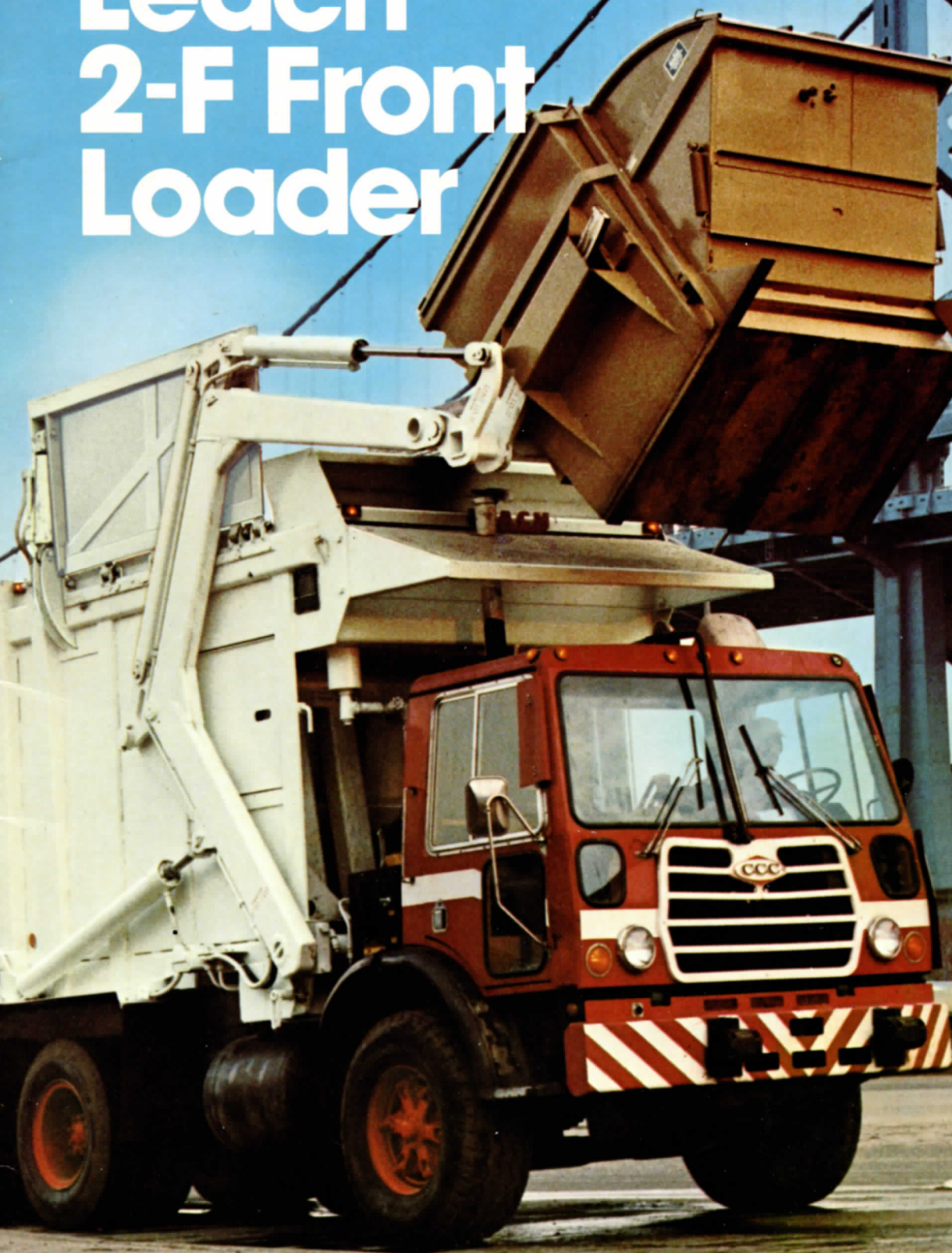


Leach is out in front...
with up-front loading

Leach[®] 2-F Front Loader



SYSTEMS IN

SANITATION

LEACH
GUARANTEED QUALITY

... America's most efficient refuse collection systems

**Durable front loaders
what the
sanitation
industry wants...
Leach
supplies...
Leach
2-F Front Loader**

Wanted: A high performing front loader to stand up to constant punishment, day after day, under the toughest of operating conditions.

Supplied: Leach 2-F Front Loader.

It's a front loader for true one-man operation at its performing best. In three sizes—25, 31 and 35 cubic yards—the 2-F Front Loader is ideal for fast, containerized route work. It's typical of all durable, rugged, Leach sanitation equipment.

It's built in the Leach tradition of better design and better construction for fewer maintenance problems. In short, less down time, more route time. Quality control is at a high level

because most of the 2-F's vital components are built right in the Leach plant... another assurance of more dependability.

Practical design and quality manufacture are primary objectives in the building of the 2-F Front Loader—from the exclusive self leveling forks to the automatic latch rear doors as well as its body construction, push-out plate, telescopic cylinder and dozens of other components and features.

The Leach goal: Build a quality front loader to produce the best possible pay loads with the lowest possible overall operating costs.

Another Leach accomplishment: 2-F Front Loader... in a class by itself.



**Leach design...
Leach power...
Leach
compaction...
Leach
dependability...
Leach Built!**

The Leach 2-F Front Loader has the raw toughness, compaction capabilities and dependability needed by the sanitation industry in removing solid wastes from industrial plants, shopping centers, apartment complexes... wherever front loaders are best used.

And its many exclusive features assure continual high performance. Several important components, standard on a Leach 2-F, are offered only as optional extras on other front loaders.

Leach exclusive features begin with the 2-F's patented self-leveling forks. A unique "parallelogram" mechanical design reduces potential maintenance problems sometimes encountered with other self-leveling fork designs utilizing hydraulics that employ additional valves and cylinders.

Leach lift arms and forks have a 9,000-pound lifting capability.

A large 80" x 88" hopper opening permits cleaner dumping.

A highly efficient, 3-stage telescopic cylinder exerting pressure to the unique Leach designed packer plate produces excellent compaction. A three-stage telescopic cylinder also means more stability than 4, 5 or 6 stages when the cylinder is extended.

The strong reinforced body reduces bulging during the build up of full-sized compacted loads. Large, strong roof braces... full width shear point bracing... wrap around box channels... all part of this body construction.

The 2-F has a hot-shift PTO standard on trucks with an automatic transmission.



*Out in front... with
Leach Front Loaders.*

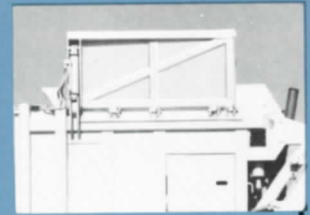
Leach 2-F Front Loader...the best answer for

These standard features assure peak performance...the Leach way

Hydraulically operated rear door with in-cab lock control.



Strong, 5-hinge top doors aid in compaction of hopper contents.



Automatic latch and neoprene covered sponge seal to help prevent leakage.



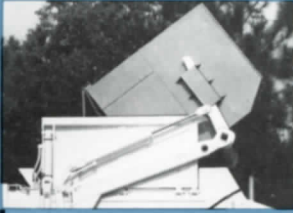
Simple, easy-to-use cab controls.



Open front end and side access door for easier servicing.

one-man, containerized refuse collection.

Large 80" x 88" hopper opening with wind break for cleaner dumping.



Unique, simplified "parallelogram" designed self-leveling fork mechanism.

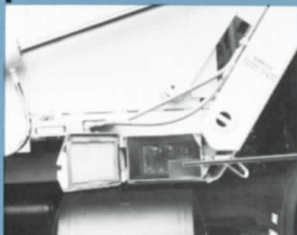
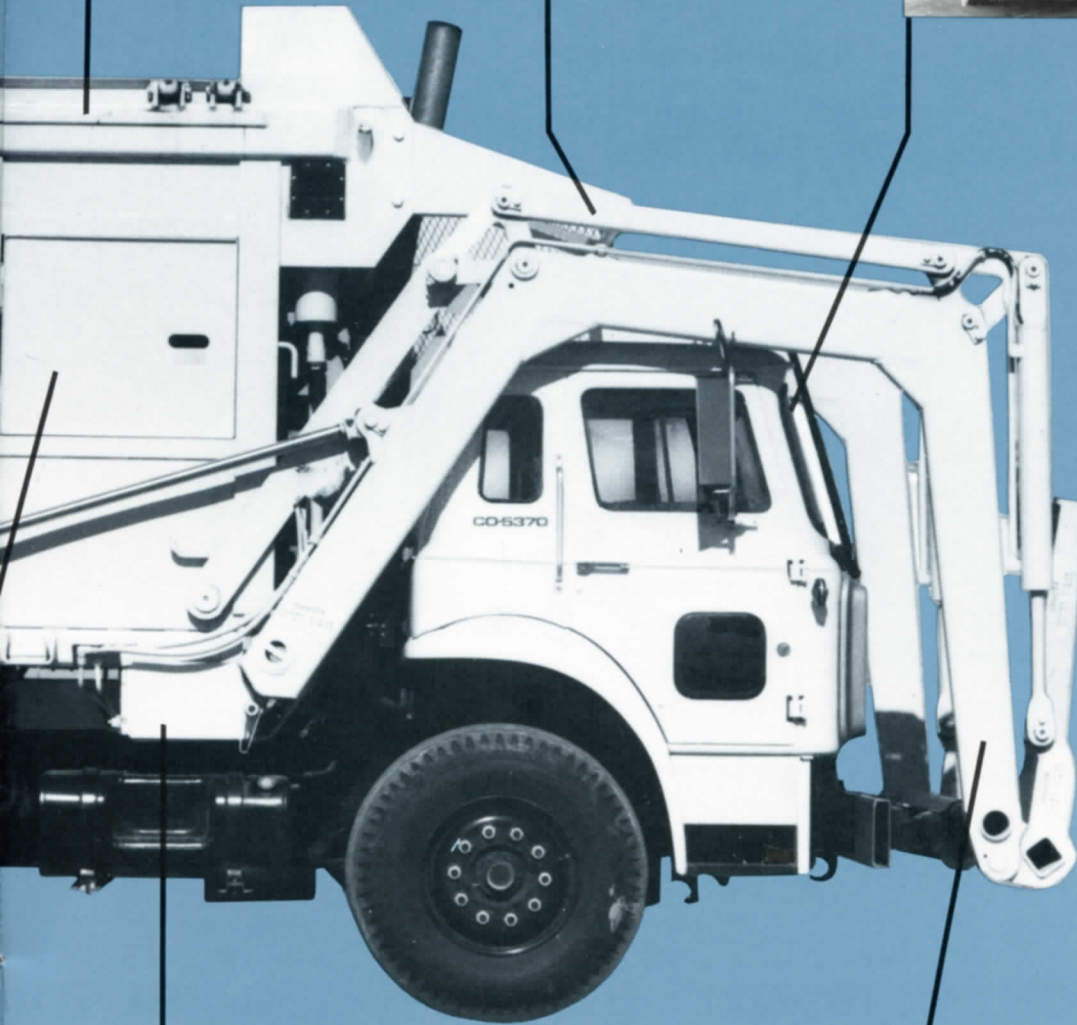
Excellent operator visibility.



Forks—1¼" thick, 48" long, 90° park position, adjustable to handle containers up to 78¾" wide.

Additional Features:

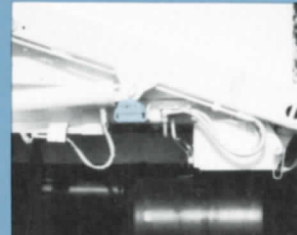
- Two rows of retaining teeth.
- Low mounted, securely welded guide channels for pushout plate.
- Uniquely contoured, highly efficient pushout plate.
- Oil sight gauge.
- Pushout plate interlock—lift arms cannot cycle unless pushout plate is all the way forward.



60-gallon sump with convenient curb-side drain and simple cleanout.



9,000-pound capacity lift arms.



Effectively located lift arm stops.

Stronger to last longer... that's the Leach plus in value.

The Leach 2-F Front Loader is durable. It's made that way to give satisfactory performance day after day. For maximum route time—minimum downtime.

Lift arms and forks are rugged. They have been subjected to the most severe tests. In one particular case, a container loaded with 9,000 pounds of material was lifted to four feet and dropped, being stopped just eight inches from ground level. That test was repeated 1,250 times. There was no distortion resulting from this brutal treatment.

Utilizing a three-stage, 8½ inch telescopic packing cylinder, the 2-F provides more stability than with 4, 5 or 6-stage cylinders when the packing cylinder is extended, and greater total force in its final stage. With three stages there are fewer wear parts, less possibility of leaks, much more working life.

Packing pushout plate guide channels provide for positive movement of the plate, reducing binding. Eight shoes on which the plate rides are made of self-lubricating ultra-high molecular weight polyethylene assuring extended wear and low friction qualities.

The body is constructed with a high dependability factor. A typical feature is its full width 1¼" x 5" shear point roof bar. Built with extra strength, it also allows flexibility at the shear point when load is built up, returning to normal shape when pressure is released.

The roof is constructed with strong, 3" boxed channel braces to stiffen the roof structure and reduce distortion caused by packing forces.

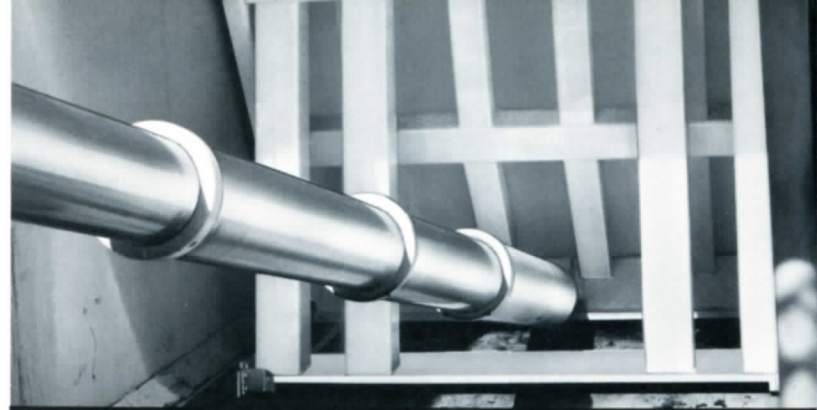
Side bracing is designed with 3½" vertical box channels and solid steel bars for greater strength.

Another feature of the 2-F Front Loader is "wrap-around" reinforcing. Under body bracing, vertical side bracing and roof bracing are welded to each other providing an unusually strong continuous band around the body at the areas of highest stress.

In addition, the rear door is reinforced with 1¼" x 5" side bars designed to reduce twisting or racking action from packing pressure.

Every feature of the Leach 2-F Front Loader is designed to provide a durable unit that will perform better and last longer.

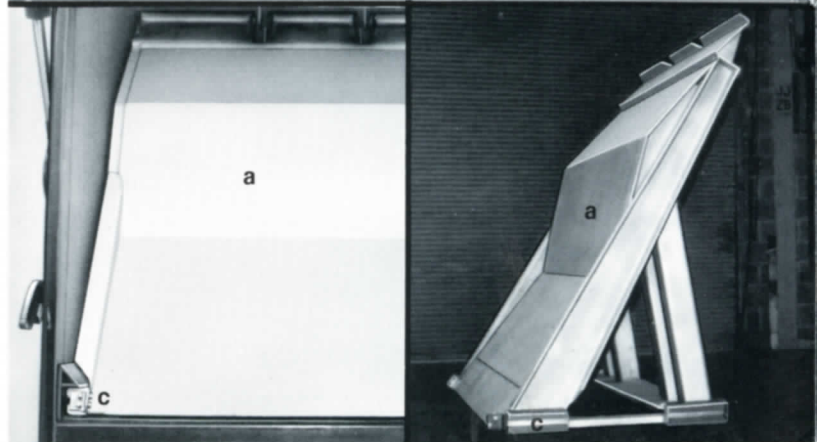
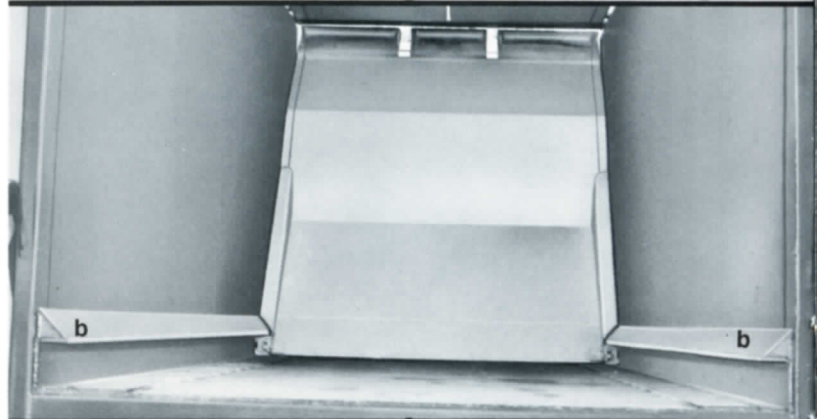
3-stage telescopic cylinder.



9,000 lbs. capacity lift arms.



Unique contoured packing plate (a) with guide channels (b) and low friction polyethylene shoes (c).



Leach 2-F Front Loader Built to perform best with greater efficiencies

Conveniently
located in-cab
controls.



Wrap-around rein-
forcing at points of
greatest stress.



Adjustable front
forks.

Leach concentrates on peak performance with minimal maintenance.

Efficiency is built in with every component of the Leach 2-F Front Loader.

Start with the packer plate. Its strong base provides movement stability. Its unique contour permits better compaction—bottom profile provides lift, center profile provides horizontal push for load compaction, top profile traps refuse on compaction and wipes clean on retraction.

Front forks are adjustable to accommodate containers up to 78 $\frac{3}{4}$ " wide.

Hopper doors are a plus feature with the 2-F. Two side-opening top doors are opened by hydraulic cylinders, and are held closed during packing and ejection.

Dumping into the giant hopper opening is simple and precise. To help reduce spillage, front and rear of opening are slanted. This feature provides a "chute" at the front of the hopper opening for the debris to slide more easily into the hopper.

The 2-F operator cannot inadvertently actuate the tailgate lever control instead of another lever because the 2-F has a protective lock over the tailgate lever. In addition this control is "bent away" from other controls.

Main hydraulic lines to the packer/pushout plate and lift cylinders are large—1" in diameter. This does three things: (1) reduces any heat build-up in the hydraulic system; (2) reduces back pressure; and (3) raises and lowers container rapidly.

The standard 60-gallon sump—largest in the industry—is another 2-F plus feature. It catches rain water and accumulated liquids in refuse and acts as a trough retaining debris that might fall behind the plate. It is easily cleaned through doors on both sides with a push-pull paddle. A sump with a handle is on the curb side of the 2-F and can be easily opened allowing liquids to drain into the street gutter.

Operating is simple and efficient with the 2-F. Cab controls are readily accessible, located forward in the cab. Each control is clearly labeled. Training time is minimal.

Leach quality... more route time, less downtime...

Leach controls quality. More than 80% of the 2-F component parts are built right in the Leach plant. It provides Leach with the advantage of exact, constant supervision and quality control essential to producing reliable equipment for contractors, municipalities and industries throughout the United States and the world.

It's the Leach way of producing top performing equipment...simplifying servicing thereby reducing maintenance to a minimum.

The Leach-built, hydraulic pump is the same proven hydraulic pump used on the Leach 2-R Packmaster and other Leach rear compaction units.

As with other Leach units, the 2-F utilizes the principle of large, hydraulic cylinders with relatively low hydraulic pressure for greater overall performance and longevity.

Operating at maximum pressure of 1600 psi, there's less chance for leakage in the hydraulic system.

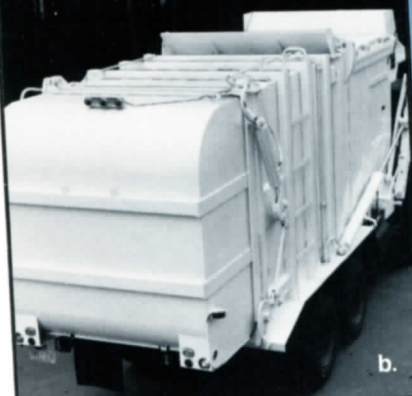
Another exclusive feature of the 2-F is its paint preparation and finish. It, too, is subjected to the strictest quality control standards. A seven-step, baked-on enamel finish process is part of the Leach tradition. A special paint finish means the 2-F will look better, resist rusting better and last longer.

Leach protects hydraulic tubing from possible damage by positioning the tubing behind a vertical channel near the middle of the body. It is clear of the lift arm assembly and out of the way of possible damage from tree limbs.

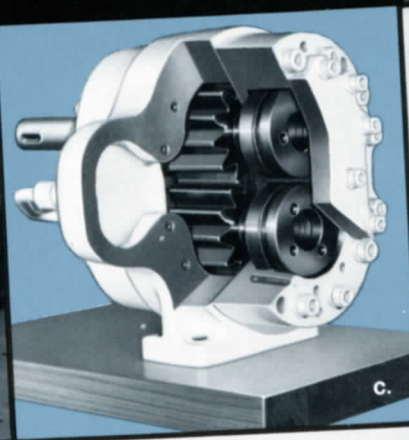
The flex in the shear point bracing on the roof improves the 2-F's performance by reducing the possibility of material getting jammed between the top of the body and the packer-plate.

Rear door latches are especially designed to provide better service. They are operated from the cab by the driver. No need to leave the cab to operate the latches.

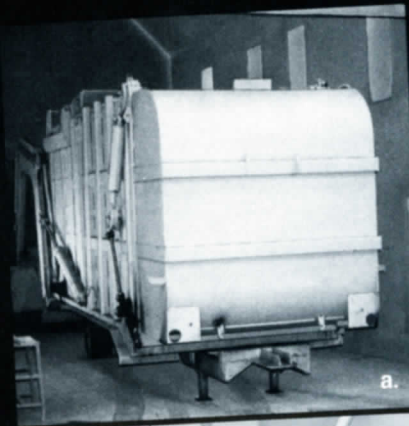
All of these features add up to the creation of a superior Front Loader unit designed and produced the Leach way...the better way to best performance.



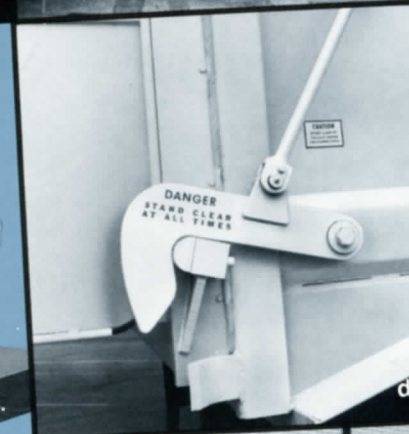
b.



c.



a.



d.



- a. Baked-on enamel finish.
- b. Wrap-around reinforcing.
- c. Leach hydraulic pump.
- d. Automatic tailgate latch.
- e. Maximum payloads.
- f. On-the-job performance.



e.



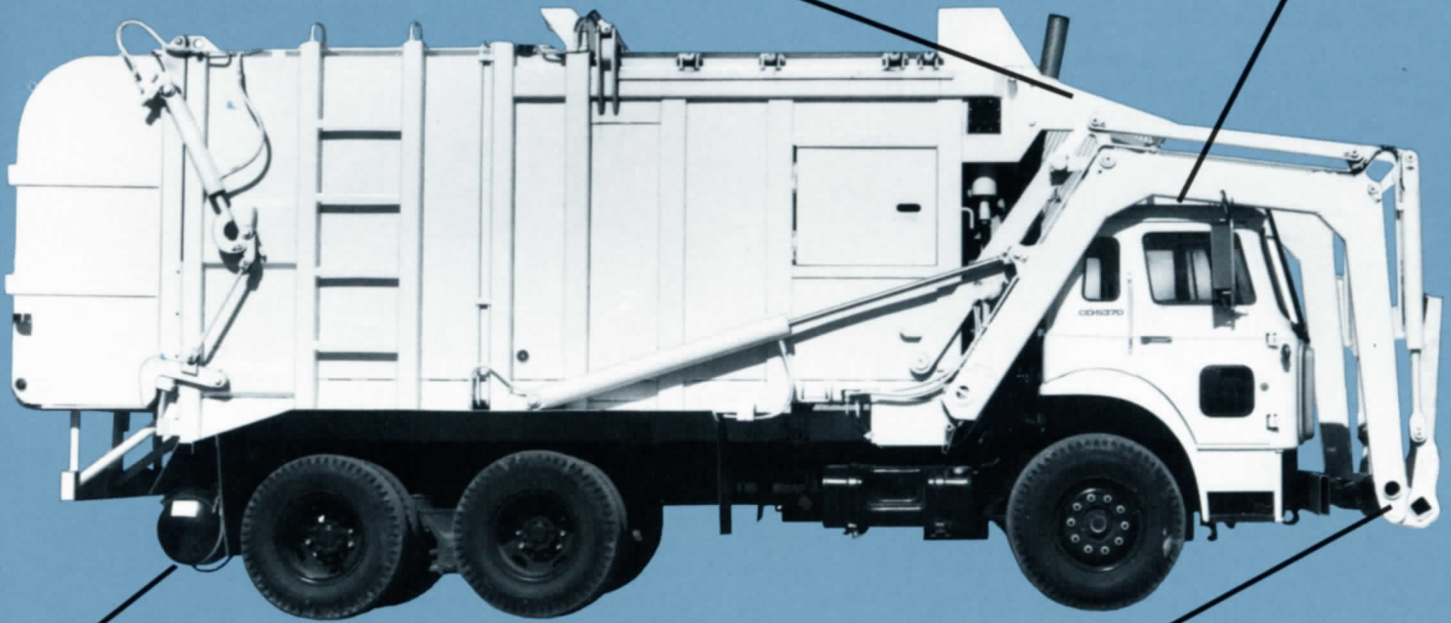
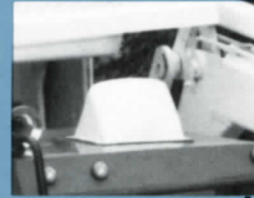
Leach 2-F Front Loader

Optional features make it even better.

Full view cab guard.



Cab-O-Scope,
Provides operator
full view of
dumping operation.



80-gallon washout
tank assembly.



Lift arm supports

Additional Features:

- Ladder to roof
- Automatic top doors
- Windshield guard
- Special paint

Out in front... with Leach Front Loaders

Leach 2-F Front Loader Performing companion of great Leach Rear Loaders.

Leach 2-F Front Loader takes its rightful place with the world recognized line of Leach Rear Loaders.

Leach 2-R Packmaster... one of the most efficient and accepted refuse collection units ever made. Leach SaniCruiser... another excellent and widely used, accepted high-performance unit. Leach Packmaster-S-II... still another performance rated, quality unit in operation domestically as well as in other parts of the world... and the Leach CurbCruiser Side Loader for efficient, one-man residential refuse collection.

The 2-F enters the sanitation equipment industry with great assurances of high performance, craftsmanship, dependability and reliability.

The maker of this new front loader—Leach—has nearly 45 years of practical experience in the manufacture of refuse collection equipment to meet

every need. Acceptance of this equipment is second to none worldwide.

Such exclusive items as the Leach hydraulic pump, the seven-step baked-on enamel paint finish, the packer plate design of the 2-F are either identical to or developed from quality components that have made Leach Rear Loaders the most demanded equipment in sanitation.

You always get what you expect from Leach... Leach engineering and design, on-the-job field testing, controlled quality manufacture, reliability and reputation, durability and ruggedness... and minimum maintenance.

Leach equipment gives you the ability to get the job done... right!!!



Leach SaniCruiser®

Leach 2-R Packmaster®



Leach® CurbCruiser
Side Loader



Leach® Packmaster S-II

You get what you want and need with Leach 2-F Front Loaders

- 25, 31 and 35 cubic yard capacities.
- Consistently large pay loads.
- Patented self-leveling forks.
- Side opening top doors providing wind screens on each side.
- 9,000-pound lift arm capacity.
- Pushout plate/lift arm interlock.
- Large 80" x 88" hopper opening.
- 3-stage telescopic pushout cylinder.
- Uniquely contoured efficient pushout plate.
- Automatic rear door latching and unlatching.
- Operator comfort and convenience.
- Easy, low-cost servicing and maintenance.
- Excellent chassis maneuverability.

**...out in front with up-front loading
a size for every need.**



25 cubic yard



31 cubic yard



35 cubic yard

Leach 2-F Front Loaders

One-man containerized refuse collection at its performing best



C. N. WOOD CO., INC.
570 ARSENAL STREET
WATERTOWN, MASS. 02172
923-0200 926-3200

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Pacesetter in Sanitation

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