

Leach 2-R II Packmaster®

SPECIFICATIONS



Body shown with optional equipment.

Rugged ■ Strong ■ Greatest compaction in the industry

- Fully Usable 2.7 Cubic Yard Hopper
- Takes Virtually All Types Of Refuse
- Single-Lever Push-Out Control
- Single-Lever Packer Plate Control
- Clean Bulldozer-Shaped Push-Out Plate... Nothing Hangs Up At The Disposal Site
- Exclusive Leach Single Stage Push-Out System
- Open Front End And Standard Side Door For Easy Maintenance Access
- The Industry's #1 Choice
- The Best Compaction In The Industry... Bigger Loads; Fewer Trips; Greater Savings
- Leach Built... Leach Reliability
- Meets All ANSI Safety Standards
- Available In 20, 25, And 31 Cubic Yard Capacities
- Leach Exclusive Baked-On Enamel Finish
- Built Better To Last Longer



America's most efficient refuse collection systems

Leach 2-R

New improved polyurethane seal used in all hydraulic cylinders

Benefit: Better seal—longer life

Carrier plate rollers increased from 4" diameter to 5" diameter

Benefit: Larger rolling radius provides easier rolling and 20% fewer revolutions for longer roller life—larger roller has better load carrying capacity

Packer and carrier plate cylinders are interchangeable with same diameter and same stroke

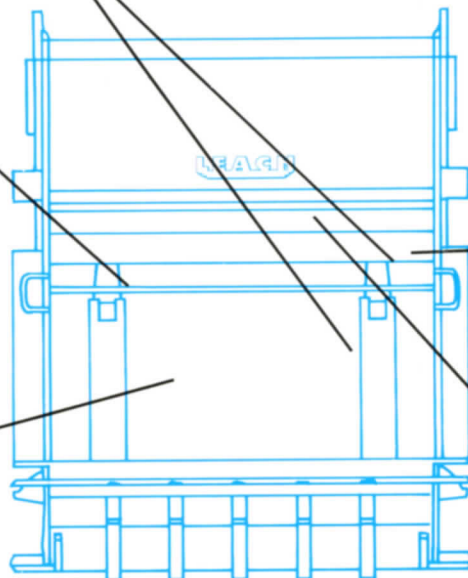
Benefit: Only need to stock one cylinder as the same cylinder fits all four positions

Carrier plate improved with the use of structural tubing instead of channels—cylinder mounting has been improved through revised inner and outer bearing brackets

Benefit: Greater strength in carrier plate and longer pin life

Packer plate bracing redesigned and covered with 1/4" 80,000 PSI steel

Benefit: Boxed-in construction achieves added strength, rigidity, and clean appearance



Rear View

Lower hopper sides are increased from 11 gauge to 1/4" 50,000 PSI steel

Benefit: Strength is added in an area of maximum stress

H-Frame that supports the main operating valve has been redesigned to improve strength and accessibility

Benefit: Less chance of H-Frame structural failure and easier service

Operating control rods located outside hopper

Benefit: Damage to control rods, from brush and large objects in the hopper, is eliminated

Improved speed-up switch mounted under top cover near main operating valve

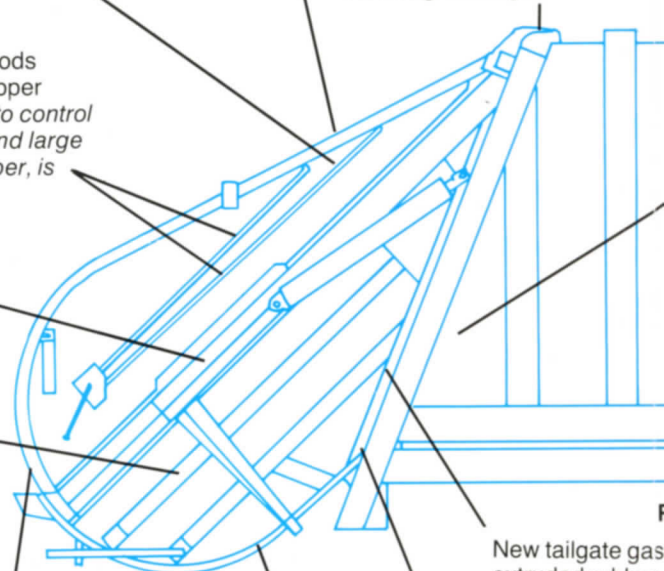
Benefit: Less maintenance, less down time

Channel type reinforcement the body and match stress

Benefit: Greater strength placed where needed, reducing wear

Each upper rear corner made of a single steel casting providing optimum weld conditions for roof and side body sections. The tailgate hinge is an integral part of this casting

Benefit: Provides strength and rigidity for body corners and tailgate hinges



Rectangular tubing replaces angles to form the sides of the hopper opening

Benefit: The tubing provides strength, clean appearance, and a conduit for electrical wiring, increasing the hopper opening from 74" to 80"

New tailgate gas extruded rubber

Benefit: Better seal life

Strengthened tailgate support

Benefit: Less chance of fatigue in this area

Hopper bottom strength increased by going from 1/4" 50,000 PSI yield steel to 1/4" 100,000 PSI yield steel

Benefit: Strength is added to the hopper with no increase in weight

Operating cylinder mounting pin increased from 1 1/2" to 1 3/4" diameter

Benefit: Greater strength in a critical area reducing maintenance

II Features

ype roof and side
ents wrap around
nd are spaced to
ss requirements
reater strength
ere needed while
weight

Body sides and roof consist of three different strengths of steel used to match stress requirements

Benefit: Strength added where needed with no increase in weight

Redesigned electrical distribution system incorporating a multi conductor wiring harness and terminal strip connections in larger, more accessible waterproof junction boxes. Lights are shock mounted in recessed receptacles

Benefit: Ease of trouble shooting and reduced maintenance

Hydraulic pressure lines have SAE straight thread o-ring connections

Benefit: Improved hydraulic connections reduce maintenance

Improved, heavy duty resilient clamps used for mounting hydraulic lines

Benefit: Reduced noise—less vibration and less chance of hydraulic line fatigue

Continuous welding throughout the body

Benefit: Added strength and improved appearance

Right Side View

asket made of
er
r seal—longer

Lateral restraint front mounting brackets

Benefit: Prevent front of body from shifting sideways

gate clamp

orce of

a

0

d

Larger wear shoes on push-out panel—length of shoe increased from 12" to 16"

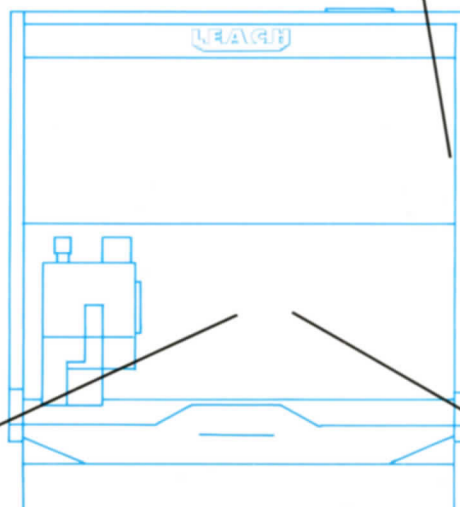
Benefit: More wear area and longer life—increased blade stability

Junction between sides and floor is a rigid box member

Benefit: Provides strength to the body and transmits force between side reinforcements and floor supports

Newly designed clamp assembly is mounted higher on the ejection panel instead of in the trough.

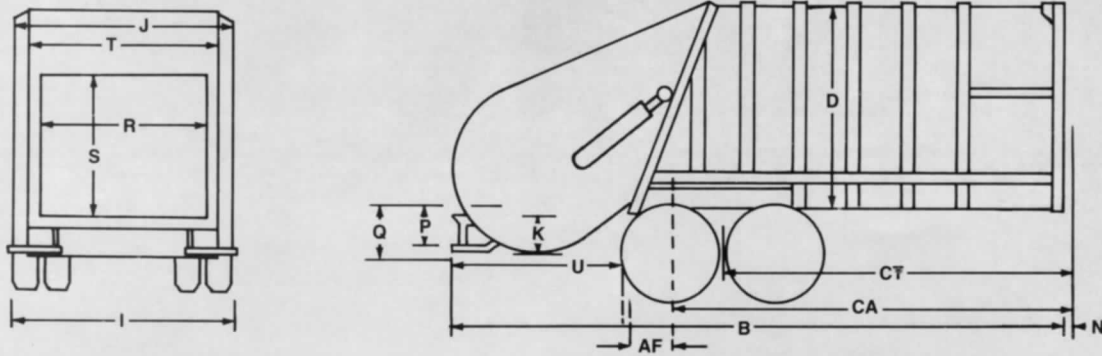
Benefit: Easier service and longer life.



Front View

Ejection clamp features a higher pressure setting controlled by hydraulic integrated circuit

Benefit: More positive clamping force



BODY DIMENSIONS	20 Cu. Yd.	25 Cu. Yd.	31 Cu. Yd.	15m ³	19m ³	24m ³
AF After Frame	20"	20"	20"	508mm	508mm	508mm
B Overall Length	249"	270"	316"	6325mm	6858mm	8026mm
CA To Centerline of Rear Axle	154"	175"	221"	3912mm	4445mm	5613mm
CT To Centerline of Trunion (50" Beam)	129"	150"	196"	3277mm	3810mm	4978mm
D Height Above Chassis Frame (with 3" sill)	100"	100"	100"	2540mm	2540mm	2540mm
I Body—Outside Width	96"	96"	96"	2439mm	2439mm	2439mm
J Body Inside Width	90"	90"	90"	2286mm	2286mm	2286mm
K Hopper Depth	17"	17"	17"	432mm	432mm	432mm
N Interference Point Above Chassis Frame	4"	4"	4"	102mm	102mm	102mm
P Top of Step Below Chassis Frame	19"	19"	19"	483mm	483mm	483mm
Q Hopper Bottom Below Chassis Frame	23"	23"	23"	585mm	585mm	585mm
R Hopper Opening Width	80"	80"	80"	2032mm	2032mm	2032mm
S Hopper Opening Height	56"	56"	56"	1423mm	1423mm	1423mm
T Hopper Inside Width	80"	80"	80"	2032mm	2032mm	2032mm
U Rear of Body to Rear of Tailgate Closed	74"	74"	74"	1880mm	1880mm	1880mm
■ Height Above Chassis Frame (Tailgate Raised)	194"	194"	194"	4928mm	4928mm	4928mm
■ Loading Lip Below Chassis Frame	5"	5"	5"	127mm	127mm	127mm
■ Center of Gravity Measured From Front of Body						
—Body Only	117"	131"	151"	2972mm	3328mm	3836mm
—Pay Load	94"	103"	120"	2388mm	2617mm	3048mm
■ Hopper Capacity	2.7 Cu. Yd.	2.7 Cu. Yd.	2.7 Cu. Yd.	2.0 m ³	2.0 m ³	2.0 m ³
■ Approx. Body Weight	14,495 lbs	15,020 lbs	16,125 lbs	6575kg	6813kg	7314kg
■ Min Truck GVWR Requirement	46,000 lbs	52,000 lbs	60,000 lbs	21000 kg	24000 kg	28000 kg

NOTES: *Truck selected must be capable of carrying net weight of body plus weight of refuse to be collected.

*A full variable speed governor is preferred on truck equipped with diesel engine.

*CA Must be usable with no obstructions protruding above frame.

*Specifications subject to change without notice.

Features

- Sides, front and rear reinforced with electrically welded box sections.
- Contents of body sealed off from outside during compaction period.
- Steps and grab handles both sides of tailgate.
- Buzzer system provided both sides at rear to enable loaders to signal driver.
- Load is pushed out by simple, easily maintained, double-acting cylinder.
- Single lever packer control at rear of hopper ... curbside.
- Single lever ejection control at front of body ... street side.
- Single lever tailgate lift control at front of body ... street side.
- Leach exclusive baked-on enamel finish. White standard. Other colors optional. (Other colors may affect visibility)
- Meets all ANSI Safety Standards.

Hydraulic System

■ Cylinders

- (2) 6" double-acting packer plate cylinders*
 - (2) 6" double-acting carrier plate cylinders*
 - (1) 6" double-acting ejection cylinder
 - (1) 6" single-acting clamping cylinder
 - (2) 4" single-acting tailgate lift cylinders
- *Packer and carrier plate cylinders are fully interchangeable ... an exclusive with the LEACH 2-R II.

■ Pump

- Leach—spur gear type
- Capacity—42 GPM @ 1400 RPM
- Maximum operating pressure—1650 PSI

■ Hydraulic Tank

- Capacity—70 gallons
- Location—Right hand front on floor inside body
- Filters—141 micron in-tank suction strainer
—20 micron return line filter
—By-pass valve

■ Sight gauge—located on tank at eye level

Body Construction

- Sides—11 gauge Hi-Tensile, EX-TEN 50, 80,000 PSI
- Top—11 gauge Hi-Tensile
- Floor—11 gauge Hi-Tensile
- Floor trough— $\frac{3}{16}$ " EX-TEN 50

Tailgate Construction

- Hopper sides— $\frac{1}{4}$ " EX-TEN 50
- Hopper bottom— $\frac{1}{4}$ " 100,000 PSI
- Packer and carrier plates— $\frac{3}{16}$ " EX-TEN 50, Packer Face $\frac{1}{4}$ " Bethstar 80
- Top Sheet—Secured with quick release fasteners ... easily removed for maintenance

Optional Equipment

- Chain container attachment
- Hydraulic container attachment
- 8,000 lb. overhead winch
- 12,000 overhead winch
- 12,000 lb. container lifting cylinder

LEACH

Pacesetter in Sanitation

EL Industries Inc.

2 North LaSalle Street
Chicago, Illinois 60602
(312) 236-0728

International Distribution:
EL Industries International
2 North LaSalle Street ■ Chicago, Illinois 60602
Cable: ELINDINT, CGO ■ Telex 25-4146