LEACH

# Alpha™ III



# Leach Alpha™ III Rear Loader

*THE STRONGEST MID-RANGE REAR LOADER*

Every single day, Leach™ rear loaders prove just how reliable they are. They're built tough to handle even the most challenging routes. Leach™ is all about taking pride in the top-notch quality and productivity of every unit.

Every available option, every meticulously refined design, and every feature incorporated by Leach™ share a common goal: optimizing fleet efficiency while keeping maintenance costs at a minimum. Each Leach™ rear loader is meticulously crafted to provide the best product on the market with the lowest total cost of ownership.

The Leach Alpha™ III stands out as the most formidable mid-range rear loader. Featuring a standard 3.0 yd³ hopper, with the load sill positioned 5” below the chassis frame, and a rapid packing cycle time, it's no surprise that the Leach Alpha™ III has earned its reputation as a favorite.

## Laying the foundations for a truly exceptional product.

**LEACH™ INNOVATIONS**

With a strong emphasis on innovation, Leach’s engineering team has crafted a comprehensive range of customizable options to cater to even the most stringent customer requirements. We are poised and eager to embrace emerging industry trends and fulfill evolving customer demands. This perpetual cycle of innovation positions Leach™ as the forefront leader in rear loader solutions across North America.

**WEIGHT DISTRIBUTION**

Over years of innovation, Leach™ trucks prioritize ideal weight distribution in all models. Our ongoing objective is to achieve the perfect material balance, ensuring models collect more waste while maintaining the highest legal payload.

EnviroLink™ SMARTER COLLECTION

**ENVIROLINK™ HAS LAID THE FOUNDATIONS FOR A BRAND-NEW ERA IN TRUCK INTELLIGENCE.**

An improved electrical network and analog system, cameras, lights and monitors, safety interlocks, alerts, GPS tracking, and more are now packaged in a more precise, reliable, and efficient Smart Collection Package

Diamond Force compaction design

Variety of lighting packages available with with protective guards

Large 3.0 yd³ hopper

Ejector cylinder angled upward away form debris

14 yd³ to 32 yd³ body sizes available

Single piece body side sheet construction

Multiple commercial collection configurations available

Low sill heigtht

| | AUTOMATED | MANUAL | RESIDENTIAL | COMMERCIAL | DEMOLITION | ORGANICS | ALLEYS TIGHT AREAS | RECYCLING | TIP TO DUMP | FULL EJECT | SPLIT BODY | 50>82 DGE | 50>96 DGE | 50>100 DGE | 60>97 DGE | FRAME | ROOF | CAB | TAILGATE | EV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LEACH Alpha™ III | | ● | ● | ● | | | | ● | | ● | | | | CNG | | CNG | CNG | CNG | | ● |



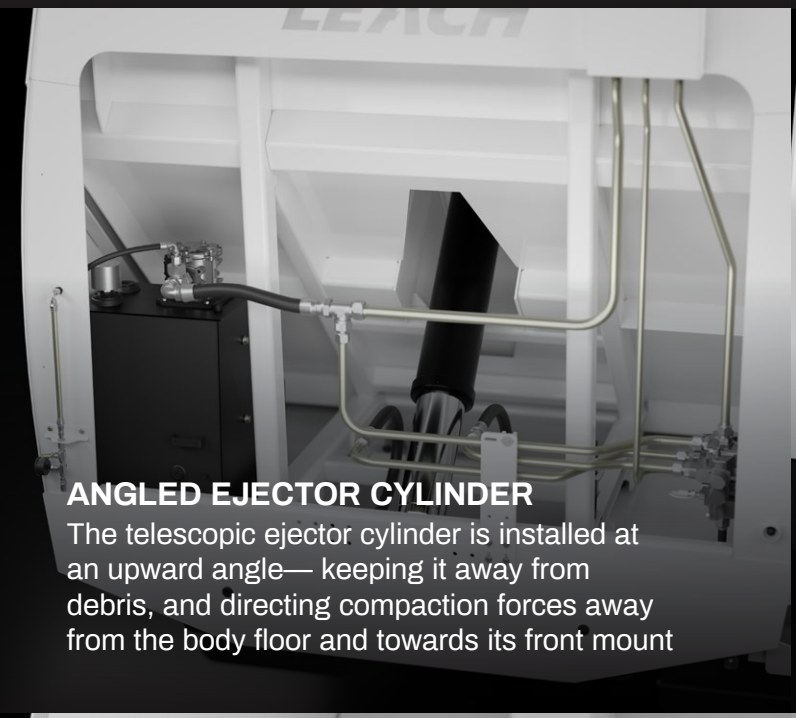
## DIAMOND FORCE COMPACTION

Our Diamond Force Compaction design evenly distributes trash, minimizing voids in the payload for a compaction rating of at least 900 lbs per cubic yard*.



## CHROMIUM SLIDE SHOES

Slide shoes with Chromium carbide components operate in upper and lower rails, ensuring superior durability over AR450. Greaseable pins and accessible lubrication points facilitate easy maintenance for extended service life.



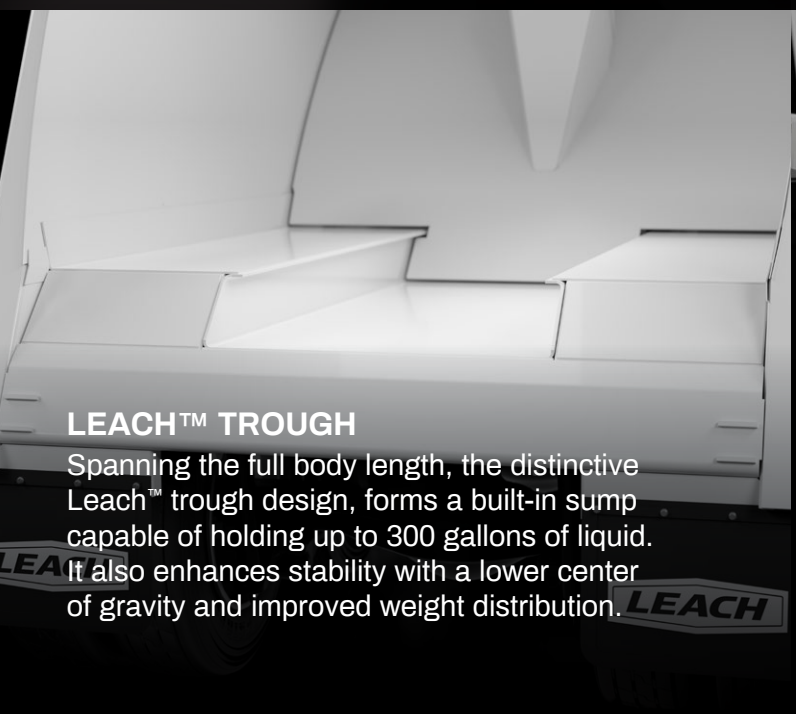
## ANGLED EJECTOR CYLINDER

The telescopic ejector cylinder is installed at an upward angle— keeping it away from debris, and directing compaction forces away from the body floor and towards its front mount



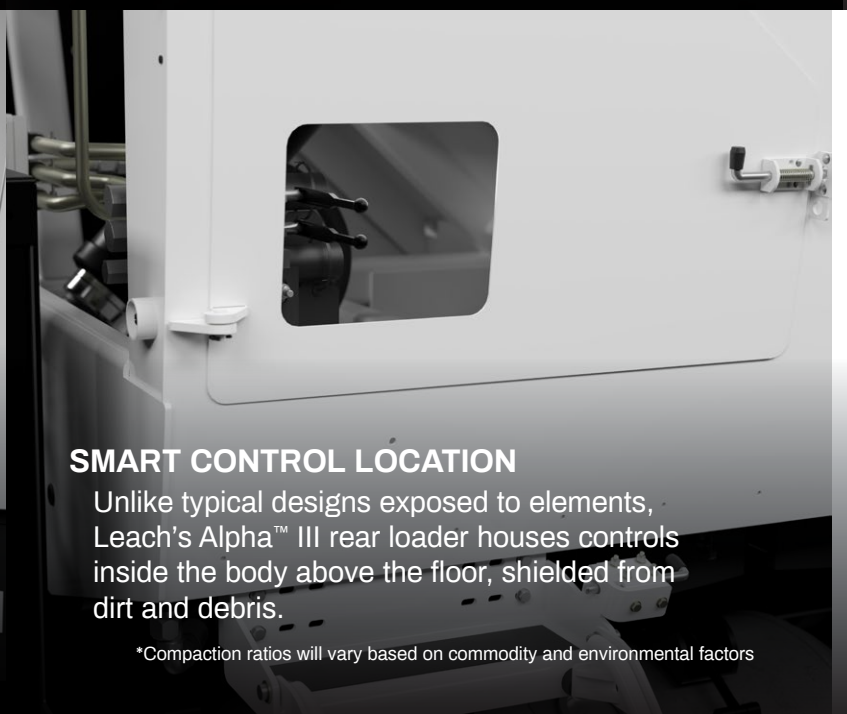
## THICKEST BODY FLOOR

At 5/16” in the center and ¼” on each side, Leach™ units boast the thickest standard floor in the industry.



## LEACH™ TROUGH

Spanning the full body length, the distinctive Leach™ trough design, forms a built-in sump capable of holding up to 300 gallons of liquid. It also enhances stability with a lower center of gravity and improved weight distribution.



## SMART CONTROL LOCATION

Unlike typical designs exposed to elements, Leach’s Alpha™ III rear loader houses controls inside the body above the floor, shielded from dirt and debris.

*Compaction ratios will vary based on commodity and environmental factors

# Alpha™ III Specifications

| Body Specifications | Residential | Light Commercial |
|---|---|---|
| Body Trough Floor | 5/16" 50W 50,000psi | 5/16" 50W 50,000psi |
| Body Sides | 10ga A1011 80,000psi | 10ga A1011 80,000psi |
| Body Roof | 10ga A1011 80,000psi | 10ga A1011 80,000psi |
| Body Ramp Liners | - | 1/4" A715 GR80 80,000psi |

| Cylinder Specifications | Residential | Light Commercial |
|---|---|---|
| Ejector Cylinder (14yd³ bodies) | 1 stage 4-1/2" bore x 43" stroke | 1 stage 4-1/2" bore x 43" stroke |
| Ejector Cylinder (16yd³ bodies) | 2 stages 5-1/2" bore x 54-1/2" stroke | 2 stages 5-1/2" bore x 54-1/2" stroke |
| Ejector Cylinder (18yd³ bodies) | 2 stages 5-1/2" bore x 66-1/2" stroke | 2 stages 5-1/2" bore x 66-1/2" stroke |
| Ejector Cylinder (20yd³ bodies) | 2 stages 5-1/2" bore x 78-1/2" stroke | 2 stages 5-1/2" bore x 78-1/2" stroke |
| Ejector Cylinder (25yd³ bodies) | 3 stages 6-1/2" bore x 115-9/16" stroke | 3 stages 6-1/2" bore x 115-9/16" stroke |
| Ejector Cylinder (29yd³ bodies) | 4 stages 6-1/2" bore x 147-7/8" stroke | 4 stages 6-1/2" bore x 147-7/8 stroke |
| Ejector Cylinder (32yd³ bodies) | 5 stages 7-1/2" bore x 170-5/16" stroke | 5 stages 7-1/2" bore x 170-5/16" stroke |
| Packer Cylinders | 4-1/2" bore x 2-1/2" rod x 32-1/2" stroke | 4-1/2" bore x 2-1/2" rod x 32-1/2" stroke |
| Carrier Cylinders | 5-1/2" bore x 2-1/2" rod x 37" stroke | 5-1/2" bore x 2-1/2" rod x 37" stroke |
| Tailgate Cylinders | 4" bore x 3-1/2" rod x 32-11/16" stroke | 4" bore x 3-1/2" rod x 32-11/16" stroke |

| Performance Specifications | Residential | Light Commercial |
|---|---|---|
| Packer/Carrier Cycle Time (with regen) | 22-24 sec | 22-24 sec |
| Packer/Carrier Cycle Time (without regen) | 26-28 sec | 26-28 sec |
| Tailgate Open | 10 sec @ 700 rpm | 10 sec @ 700 rpm |
| Tailgate Close (with Safety Flow limiter) | 30 sec @ 700 rpm | 30 sec @ 700 rpm |

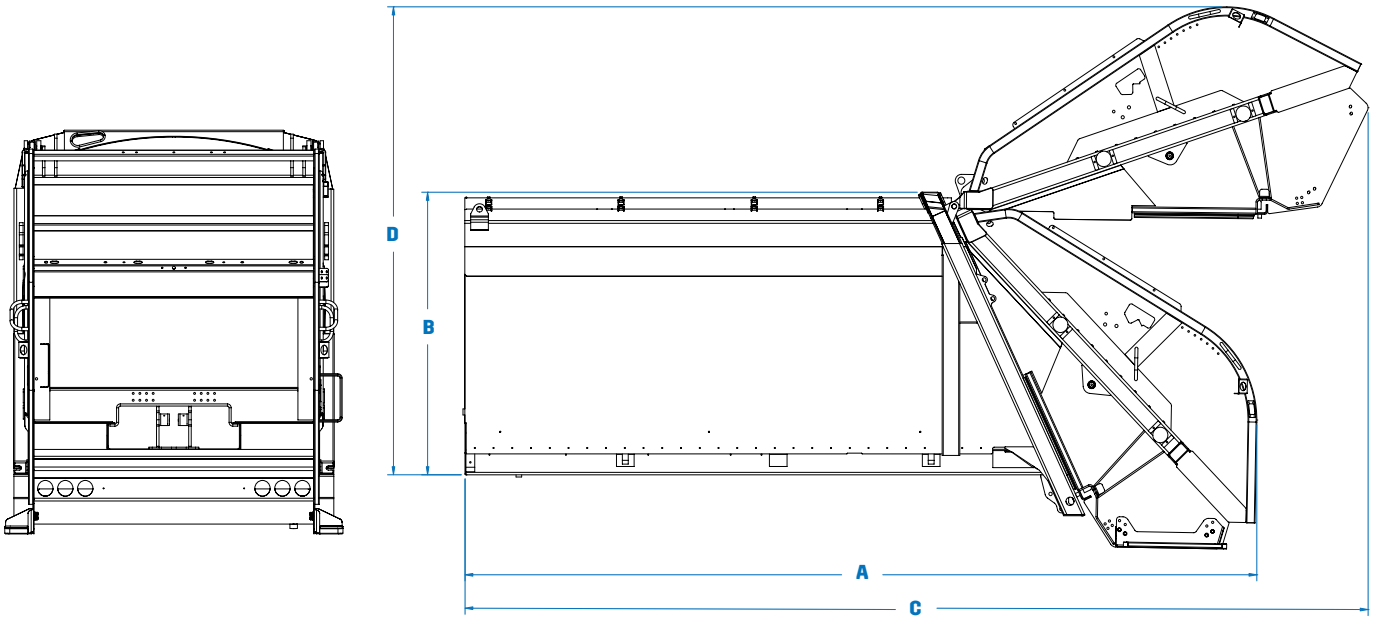
| Hopper Specifications | Residential | Light Commercial |
|---|---|---|
| Hopper Size (yd³) | 3.0 | 3.0 |
| Hopper Opening Width | 84" | 84" |
| Hopper Opening Height | 61-1/4" | 61-1/4" |
| Hopper Depth | 16" | 16" |
| Loading Sill Below Chassis Frame | 5" | 5" |
| Hopper Floor | 3/16" 100QT 100,000psi (AR450, 175,000 psi optional) | 1/4" 100QT 100,000psi (AR450, 175,000 psi optional) |
| Hopper Sides (upper) | 3/16" 50W 50,000psi (AR450, 175,000 psi optional) | 3/16" 50W 50,000psi (AR450, 175,000 psi optional) |
| Hopper Sides (lower) | 3/16" 50W 50,000psi (AR450, 175,000 psi optional) | 1/4" 50W 50,000psi (AR450, 175,000 psi optional) |

| Ejector Specifications | Residential | Light Commercial |
|---|---|---|
| Ejector Panel Face Plate | 3/16" 50W 50,000psi | 3/16" 50W 50,000psi |

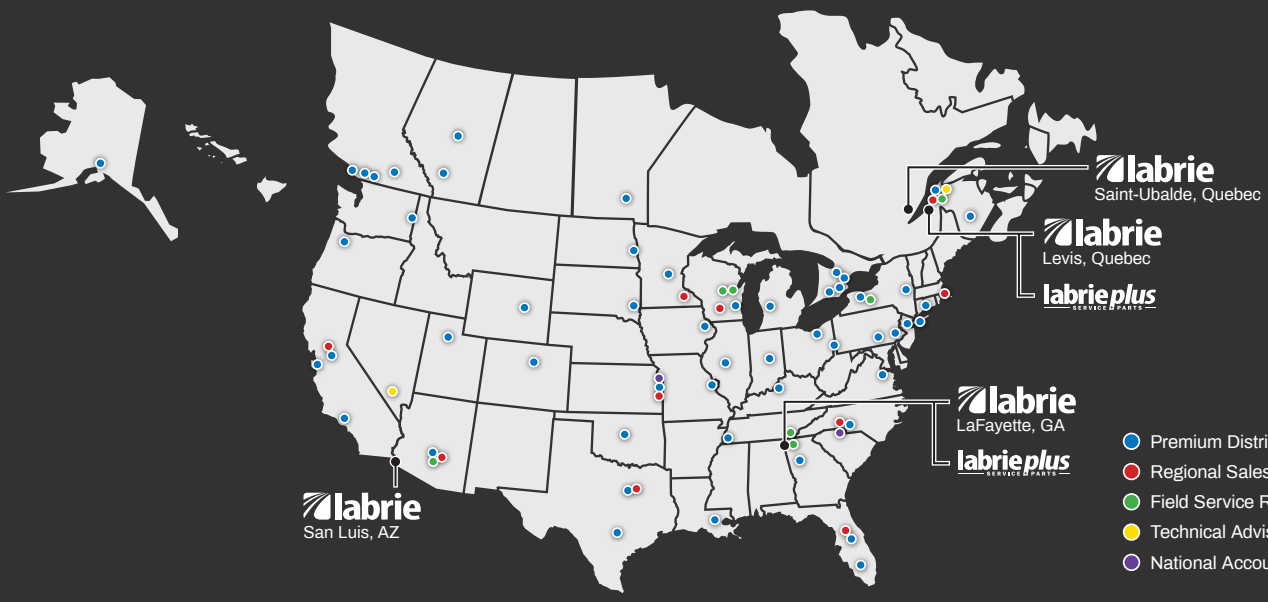
| Hydraulic Specs | Residential | Light Commercial |
|---|---|---|
| Pump | Vane | Vane |
| Pump Capacity | 42 gpm @ 1200 rpm | 42 gpm @ 1200 rpm |
| Max. Operating Pressure | 2,150 psi | 2,150 psi |
| Oil Reservoir | 50 gal | 50 gal |

| Packer-Carrier Specs | Residential | Light Commercial |
|---|---|---|
| Compaction ratio (lbs/yd³ ) | 900 | 900 |
| Packer Panel Face Plate | 3/16" 50W 50,000psi | 3/16" 50W 50,000psi |
| Carrier Panel Face Plate | 7ga 50W 50,000psi | 7ga 50W 50,000psi |

| Body Dimensions | 14yd³ | 16yd³ | 18yd³ | 20yd³ | 25yd³ | 29yd³ | 32yd³ |
|---|---|---|---|---|---|---|---|
| A. Overall Length, Tailgate Closed (in.) | 192 | 205 | 218 | 230 | 269 | 302 | 325 |
| Overall Width (in.) | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| B. Overall Height Above Frame, Tailgate Closed (in.) | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| C. Overall Length, Tailgate Open (in.) | 230 | 243 | 255 | 268 | 307 | 340 | 363 |
| D. Overall Height Above Frame, Tailgate Open (in.) | 154 | 154 | 154 | 154 | 154 | 154 | 154 |




*Note: Specifications subject to change without notice*




## Our North American network is dedicated to quality.

Leach™ trucks are supported by over 30 top-tier distributors spanning across 50+ sites in the US and Canada, guaranteeing a commitment to driving excellence and providing expert support.

**Pronto** | Opt for the Leach™ Pronto Stock Program when a pre-built model makes sense. Benefit from expedited delivery, cost savings, and a wide selection of models designed to cater to even the most demanding collection needs.

**Sourcewell** Formerly NJPA | With Sourcewell, save time and money by combining the buying power of more than 50,000 government, education, and nonprofit organizations.




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Sanitary Equipment Co., Inc.



# NEW ENGLAND'S LEADER IN THE REFUSE & ENVIRONMENTAL EQUIPMENT INDUSTRY

Get it done right, the first time

## ABOUT US

Second generation, family owned since 1977, Sanitary Equipment Co. delivers trusted contractor & municipal equipment solutions backed by decades of experience and dedicated customer service.

## OUR MISSION

To provide durable, reliable equipment and responsive support so contractors and municipalities can depend on us for the long term.

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**SCAN QR CODE** to learn more

www.sanitaryequipment.com



## LABRIE

Automated side loaders, front loaders, and rear loaders equipped with advanced packer systems, engineered for durability, efficiency, and consistent performance in municipal and commercial refuse service.



## LEACH

Rear loader refuse bodies designed for commercial and municipal collection, known for durable construction, efficient compaction and reliable performance on daily routes.



## GALFAB

Cable hoist systems for roll off containers, engineered for contractor and municipal hauling with heavy duty construction, smooth operation and long term durability.



## LOADMASTER

Rear loader refuse bodies for commercial and municipal collection, engineered for rugged construction, efficient compaction and dependable performance on demanding daily routes.



## KANN

Rear load and front load refuse bodies engineered for commercial and municipal refuse collection programs, offering robust construction, efficient compaction and dependable performance in daily service.



## AMERICAN ROLL OFF

Cable hoist systems for roll off containers, designed for municipal and contractor hauling with straightforward operation, rugged construction and long term reliability.



## MARATHON

Stationary and self contained compactors, for municipal and commercial waste handling, known for rugged construction and long service life.



## PALFINGER

Hooklift systems, container carriers, and grapple loaders delivering flexible hauling solutions for contractor and municipal operations.



## STELLAR

Hooklift systems and service bodies for interchangeable body hauling and fleet support applications, offering flexible configurations for contractor, utility and municipal operations.



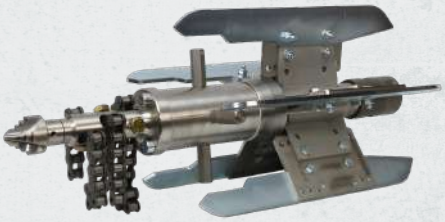

## DIG PIG

Hydro excavation and sewer cleaning nozzles, engineered for aggressive cutting, reduced noise and efficient debris removal in demanding applications.




## HYDRAFLEX

Hydro excavation and sewer cleaning nozzles, designed to improve efficiency, safety and performance in vacuum truck operations.



## KEG

Sewer cleaning nozzles engineered for high performance pipe cleaning, delivering effective blockage removal, durability and consistent results in demanding applications.





## ODB

Chassis mounted and trailer mounted vacuum systems for leaf, litter, and catch basin cleanup, delivering reliable performance for municipal maintenance operations.



## CUES

Pipeline inspection cameras, robotic crawlers, and sewer inspection systems for industrial and municipal applications, supporting accurate condition assessment and efficient underground asset management.



## SONETICS

Wireless communication headsets and crew intercom systems designed for high noise environments, improving safety, coordination and productivity for vacuum truck and field operations.



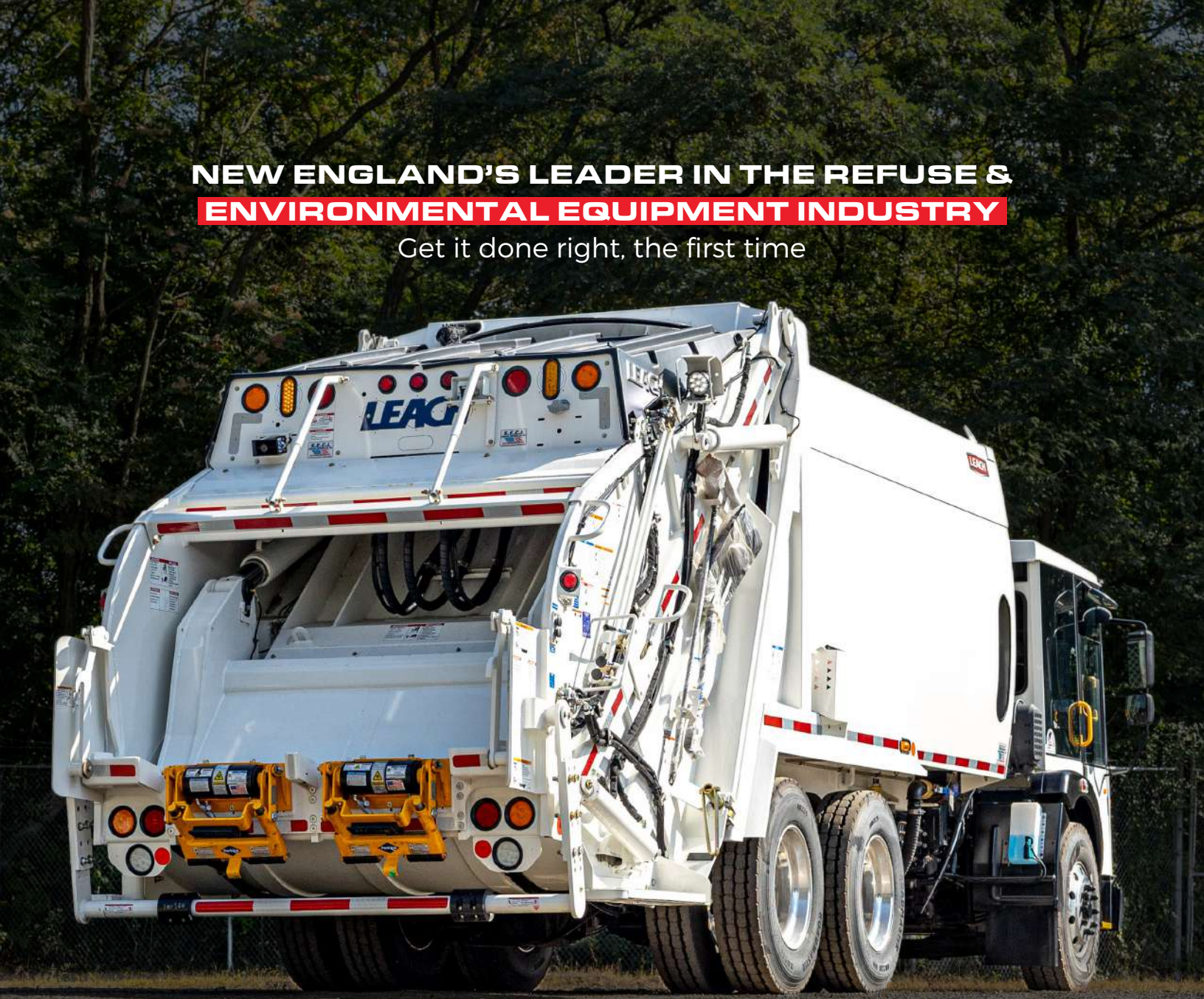


## VAC CON

Combination sewer cleaners, hydro excavators, jet trucks, and trailers engineered for contractor and municipal applications, providing powerful debris removal, efficient operation, and proven reliability.

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