



WE NEVER STOP WORKING FOR YOU

LowRider™

Lightweight, Low-Profile Front End Loader

a DOVER company



HALF/PACK®
LOW RIDER™



Environmental Solutions Group®

a DOVER company

Choose the industry leader in safety, productivity and lowest total cost of collection.

www.Heil.com

Heil® LowRider™

Productivity with a Low-Profile Attitude

The new Heil Half/Pack® LowRider delivers both residential and commercial performance that will change the way fleet owners define productivity and safety.

Hitting the streets 12" lower than a standard front loader and tipping the scales at 4,150 lbs. less than our standard Half/Pack, fleet owners can service more customers and pack up to two tons more payload. Add in Lightning Cylinders and you have a 23% faster container dump cycle when compared to a non-Lightning equipped Heil front loader. Combine all of this with Odyssey® Controls and you have more uptime due to there not being any prox switches, cylinder cushions, air lines, or MAC valves.

The LowRider handles ANSI-compliant containers with ease, and with optional Heil Autonomous Lift Option (H.A.L.O.), operators have the confidence to be safe and productive on day one without the risk of windshield or cab damage. H.A.L.O. handles the complete container leveling and dump cycle with the push of a single button. For fleets with high turnover and drivers unfamiliar with a front loader, this is a game changer. For experienced operators, it's just easier and quicker than using manual controls.

When combined with The Curotto-Can®, the LowRider becomes the most productive residential collection vehicle on the road. With eyes-forward, operators are safer, contamination is identified at the source and no carts are lost. With the Curotto-Can, fleet owners have the ability to handle take-all routes and won't need a second truck to handle bulk collection.



Delivering The Lowest Total Cost of Collection (TCC)

Lowest Total Cost of Collection (TCC)

The ultra-efficient Low-Rider™ provides unbeatable productivity to lower your TCC.

Can add up to:

\$194,270 Savings

Over the lifetime of the truck

H.A.L.O. Controls

Newly updated controls reduce maintenance & training costs, all while increasing productivity.

Can add up to:

\$48,140 Savings

Over the lifetime of the truck

Lightning Cylinder Package

Decreased cycle time increases productivity.

Can add up to:

\$20,830 Savings

Over the lifetime of the truck

CNRG™ CNG Tailgate

Removable valve cover plates allow for quick and easy access, which reduces maintenance costs.

Can add up to:

\$20,600 Savings

Over the lifetime of the truck

Lower Route Height

Lower on route height means less body damage. (One incident per route = \$2,000 per truck per year)

Can add up to:

\$30,000 Savings

Over the lifetime of the truck

Lightweight/High Compaction Body

4,150 lbs. lighter than typical front loaders.

Can add up to:

\$74,700 Savings

Over the lifetime of the truck

Infinitely Customizable Configurations To Maximize YOUR Route Productivity



Available in 20 yard body configuration



Optional Curotto-Can® Residential Package



Available with commercial grabbers



Available with 5-axle configuration

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↑ ↓ **The LowRider™ has a full 12" lower working height than a standard front loader**



LowRider™ Main Standard Features

- + **ODYSSEY® CONTROLS** - Odyssey Controls feature a refined hydraulic and electronic control system for maximum efficiency, reliability, and precise control. This results in increased productivity, reduced downtime, and lower operating costs.
- + **LESS TIME IN THE SHOP** - When you're stuck in the shop, you're not making money. The Half/Pack® features our Service Smart design, which simplifies routine maintenance and helps keep you away from the shop and out servicing your customers.
- + **STREETWISE HYDRAULICS** - Our exclusive "clean front head" relocates the hydraulic body valve from the front head to under the side of the body. This design reduces the influence of engine heat on the hydraulic components, as well as improving access to the valve bodies. This also means improved safety and reliability, all while reducing downtime.
- + **ZINC-PLATED HYDRAULIC TUBES** - Use of zinc-plated hydraulic tubes reduces hydraulic leak-causing corrosion, lessening the frequency with which components need to be replaced over the life of the body. This reduces maintenance and downtime costs.
- + **LIGHTNING CYLINDERS** - Lightning Cylinder package lessens container dump times by up to five seconds per dump, which equals a productivity savings of **\$2,083 per truck per year**.
- + **UPDATED INTEGRATED DISPLAY** - Standard 7" In-Sight™ Display provides real-time feedback, as well as optimal operator control. Operator can look to one place for all of the information they need on the body. Also, the In-Sight Display offers maintenance personnel advanced troubleshooting features. 3rd Eye® camera feeds are also integrated into the display, thus eliminating the need for a separate camera monitor, freeing up line of sight and cab space.
- + **ON-BOARD DIAGNOSTIC TOOLS** - Quickly and easily diagnose problems away from outside hazards and weather. On-board diagnostic tools make troubleshooting a breeze.
- + **ILLUMINATED PUSH BUTTON CONTROLS** - Easy to read and understand touch button body, packer, pump and lighting controls with indicator lights come standard.
- + **ALUMINUM CAB SHIELD & TOP DOOR** - Lightweight aluminum cab shield with rigid steel frame and aluminum top door increases longevity, dependability and payload without sacrificing strength.

LowRider™ Optional Features



This feature should only be used with ANSI standard containers

OPTIONAL H.A.L.O. SEMI AUTOMATED CONTROLS

Single button operation eliminates multi-control movement, reducing driver input by 82%. Reduces training time, increases new driver productivity, and eliminates accidental unit/cab damage. (Available on commercial version only)

Monitor integrated into In-Sight Display



OPTIONAL 3RD EYE® DIGITAL PACKAGES

Connect for service verification, body/chassis data, fuel tax reporting, and route management. Includes factory installed 3rd Eye Mobile, Radar System, and the ability to connect up to eight cameras.



OPTIONAL CNrG® TAILGATE

The lower profile, fully integrated CNrG tailgate fuel delivery system will revolutionize the way you use CNG garbage trucks. Capable of holding up to six CNG tanks with a total capacity of 90 DGE.



HALF/PACK® CYLINDERS WITH 8,000 LB CAPACITY

Optional higher lift capacity Half/Pack arm cylinders allow you to take on even the toughest commercial routes.

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Heil® LowRider™ Specifications

| HEIL® HALF/PACK® LOWRIDER™ | | |
|----------------------------------------------|------------------|------|
| Body Capacity (YD³) | 20, 23, 28 | |
| Hopper Capacity (YD³) | 10 | |
| Gross Capacity (YD³) | 30, 33, 38 | |
| Gross Weight (Approximate) | 15,350 lbs. | |
| Overall Length (With arms down and forks up) | 365", 377", 409" | |
| Overall Width | 96" | |
| Overall Height | Arms Up | 120" |
| | Arms Down | 97" |
| Hopper Opening | 83" X 95" | |
| Compaction Rate | 117,000 lbs. | |



The LowRider™ provides haulers with the lower height of an ASL and all the benefits of an AFL

Lower Height = Less Damage

LowRider AFLs are ideal for residential routes with overhead obstructions such as utility lines, established trees, etc., providing the lower body height of an ASL with the unmatched low Curotto-Can® dump height.

Increased Productivity/Payload

LowRider comes standard with the Lightning Cylinder package, reducing dump cycle time by 5 seconds. Lighter weight body allows for greater payload and less chassis component wear (brakes, tires, etc.)



SEE HOW THE LOWRIDER COMPARES

| | Standard AFL | Standard ASL | LowRider™ AFL |
|----------------------------------------------|--------------|--------------|---------------|
| Working Height* | 12' 8" | 11' 8" | 11' 8" |
| Travel Height* | 13' 6" | 11' 8" | 13' 6" |
| Cart Dump Height* | 9' 6" | 9' 6" | 9' 6" |
| STD Body Weight (With Curotto-Can) (lb) | 21,250 | 16,700 | 17,220 |
| 54,000 lb. GVRW Payload (lb)** | 14,750 | 19,300 | 18,780 |
| On Route Time Savings per year VS ASL (h)*** | 210 | N/A | 240 |

Assumptions: *45" Chassis Rail Height **18,000lb Chassis Weight ***Based on 1,000 Cart/Day Example

Please Note: All designs, specifications, and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. The only warranty is our standard written Warranty Statement for this product at the time of shipment.

Body Specifications



| Body Specifications | | | | |
|------------------------------------------------|-----------------|-----------|--------|--------|
| Body Capacity | yd ³ | 20 | 23 | 28 |
| Hopper Capacity | yd ³ | 10 | 10 | 10 |
| Gross Capacity | yd ³ | 30 | 33 | 38 |
| Gross Weight (approx.) | lbs. | 13,750 | 13,950 | 15,350 |
| % Lighter Than Standard 28 Yd. Half/Pack | | 29% | 28% | 25% |
| Overall Length (Arms down, forks fully tucked) | in. | 371 | 390 | 422 |
| Overall Width | in. | 96 | | |
| Overall Height | Arms Down | in. | 97 | |
| | Arms Up | in. | 120 | |
| Hopper Opening | in. | 83" x 95" | | |
| Body Drain Standard | | Yes | | |

Hydraulic Specifications - Odyssey® Controls (Electric/Hydraulic)

| | | |
|---------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Pump | Type | Load Sensing HAWE Piston Pump |
| | Maximum Operating Pressure | 2,500 |
| | Working engine RPM (Throttle Advance) | 1,250 RPM & 116% PTO |
| | Flow at Working RPM | 50 GPM |
| Oil Reservoir | Tank Capacity | 51 gal |
| | Filters | 3 micron return filter with in-cab monitor, 100 mesh reusable suction screen |
| Valves | Body Valve Type | Electric over hydraulic manifold, Multi-section stack valve combination, 50 GPM @ 2,500 psi relief valve to prevent overload damage |
| | Tailgate Valve Type | Electric over hydraulic manifold, Multi-section stack valve combination, 13 GPM @ 2,500 psi relief valve to prevent overload damage |

Performance Specifications - Odyssey® Controls (Electric/Hydraulic)

| | | |
|----------------------------------|----------|-------------------------------------------|
| Compaction Force | lbs. | 117,000 |
| Arm Cycle Time | Up | seconds idle: 9-11 / 1,200 RPM: 5-6 |
| | Complete | seconds idle: 18-21 / 1,200 RPM: 11-14 |
| Packer Cycle Time | seconds | 18-22 |
| Arm Lifting Capacity | lbs. | 5,500 (8,000 optional) |
| Clearance-Stop-Tail-Back-Up-Lamp | | FMVSS 108 |

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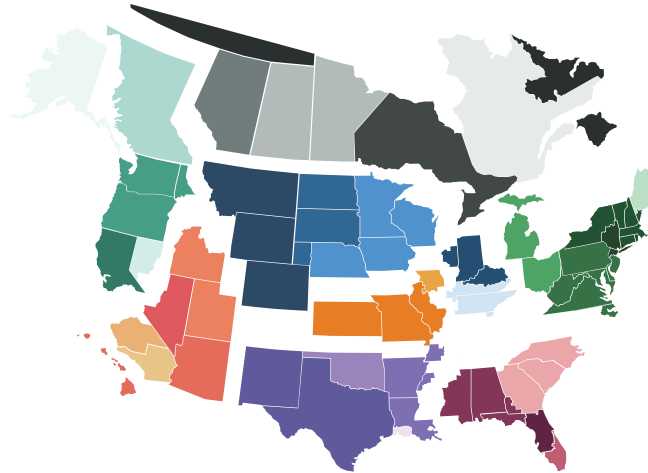
EXPEDITE THE PURCHASE OF YOUR HEIL® UNIT THROUGH SOURCEWELL

Sourcewell Cooperative Purchasing Program has awarded Heil a nationally bid contract for "Solid Waste and Recycling Collection Equipment with Related Equipment, Accessories, and Supplies." Through the Heil contract, Sourcewell members can purchase any of the Heil line of refuse and recycling equipment, including front-loading, side-loading, and rear-loading refuse collection vehicles, without having to create an RFP and send the project through a time-consuming duplicate bid process. By using the existing nationally bid contract, members can receive the products they need more quickly and cost effectively. Best of all, Sourcewell membership is free! Qualified agencies can join online via the Sourcewell purchasing website at www.sourcewell-mn.gov. To find out more about purchasing Heil equipment via the Sourcewell contract, please contact your local Heil Dealer at www.heil.com/dealers.



TRUST HEIL® CERTIFIED OEM PARTS

Heil Certified OEM parts are the most reliable replacement parts for Heil refuse collection vehicles. They're made following the exact specifications and production processes on the same assembly lines as the parts originally installed on the bodies. This means that they fit perfectly every time. Heil uses only the highest-quality materials for parts that last - minimizing costly downtime. For more information on parts, contact your Heil dealer. Visit: www.heil.com/dealers to find the dealer nearest you.



RELY ON EXPERIENCED LOCAL SUPPORT

When you buy from Heil, you gain the aftermarket support of the industry's strongest network of dealers in North America. We stand behind our dealers, so you get the product support you need for the life of your products. Our dealers are also trained to help you find the best product for your particular route needs. To find the Heil dealer nearest you, visit: www.heil.com/dealers.



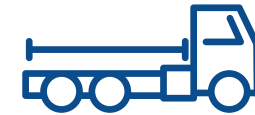
All Heil products are Connected Collections™ ready. This is part of our vision, focused on helping fleet owners make better decisions, faster. For more information on ESG's Connected Collections, contact your local Heil dealer or visit us online at www.heil.com/connected-collections

www.heil.com [social media icons]



COUNT ON THE LOWEST TCC

Helping you save money is our passion, and we apply tremendous resources to advance our product and service offerings to improve the profitability of your business and provide the lowest Total Cost of Collection and the maximum return on your investment. You can be confident that choosing Heil equipment brings a long-term partnership with the industry leader.



CONFIGURATION ASSISTANCE

Chassis layout drawings are available through your local Heil dealer. To find your dealer, visit www.heil.com/dealers.



INDUSTRY-LEADING TRAINING

Heil has completely revamped their training programs with the addition of both the Heil Service Shack™ and their four-tiered Nextelligence® Connected-Tech Training Program. Now, customers can visit the Heil Service Shack on the Heil website to learn the latest techniques and view helpful service and training videos any time, as well as sign up for Connected-Tech courses to better train technicians on Heil Refuse Products. Ensure your shops are servicing your Heil products correctly; check out the Heil training offerings at www.heil.com/nextelligence.