



Heil Half Pack Low Rider Residential-20 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

Base Body

Body floor ¼" AR 400, 184,000 psi flat floor design with interlaced subframe
Body sides – 8 gauge, 80,000psi
Body roof – 8 gauge, 80,000 psi
Hopper floor – ¼" AR 400, 184,000 psi
Hopper size – 12 cubic yard
Packer blade – 3/16" AR 400, 184,000 psi
Body width – 96"
Body height 107" above chassis rail
Body weight approximately 18,000 lbs.
Arm cycle time, 18 – 20 seconds
Pack cycle time – 26 seconds
3 micron return line oil filter
In-cab filter bypass monitor
Compaction ratio, 800 – 900 lbs: per cubic yard
Pack cylinders – 5.5"
Arm cylinders – 4.5"
Fork cylinders – 4"
Hydraulic pump -52 GPM
System pressure – 2,500 psi
One (1) year body warranty
Add Options
Factory mounting
PTO mounted load sense Piston Pump/PTO
Hopper seal brush kit
Remote curbside controls
Installation of auto cover controls
In-cab forward work lamp controls
Hopper floodlight
Single LED Container Work light
Peterson Smart light system with full body LBD lights
Body side back assist lights
Three camera system for rear, hopper, and left side viewing
Sliding top door
Roof access ladder
Cab protector extension raise; manual jack
"Currotto Can" Automated Carry Can auto cover, forward work lamps, extended grabbers; function, and
Service mode
20 lb. fire extinguisher
Body undercoating
Front and rear mudflaps
Remote ground level packer lube
Remote ground level tailgate hinge lube
Cortex Controller with in-sight diagnostic display
High pressure filter kit Incoming freight and service



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

Heil® LowRider™

Productivity with a Low-Profile Attitude

↑↓ 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



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		yd³	20	23	28
Hopper Capacity		yd³	10	10	10
Gross Capacity		yd³	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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Lightweight, Low-Profile Front End Load-



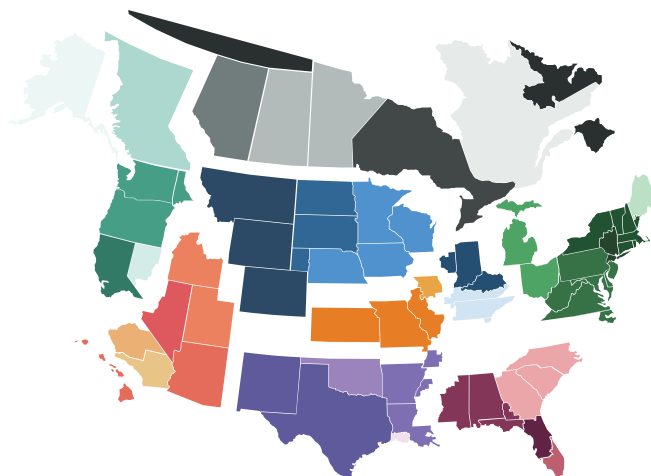
EXPEDITE THE PURCHASE OF YOUR HEIL® UNIT THROUGH SOURCEWELL

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



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 our four-tiered **Nexteligenz**® 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/nexteligenz.