



Half/Pack[®]

High-Compaction Front Loader



Half/Pack®

The most popular front loader for over 30 years...for a reason.

The reason? The **Half/Pack** has consistently delivered proven performance in some of the most demanding environments imaginable, earning a loyal following of users who rely on its unmatched dependability and appreciate its lower total cost of ownership.

Heil continues to set the standard for front loaders with the evolution of innovative new features that enhance functionality. Our patented Shur-Lock™ tailgate locks, double-walled and lapped hopper sides, and an industry-leading interlaced ladder subfloor foundation mean that your **Half/Pack** is built for a long, reliable lifespan.

But Heil is not simply known for engineering and manufacturing outstanding equipment. We back all Heil units with a worldwide network

of knowledgeable dealers and service centers, as well as the industry's first dedicated manufacturer-based training facility and mobile training centers, to help you keep your equipment operating at its peak. Add to that Heil's century-old heritage of commitment to customer satisfaction, and you can feel certain that, when you choose a **Half/Pack**, you are getting the most productive, durable, safe, and easy to maintain front loader available.

We encourage you to read on to learn more about the **Half/Pack's** extensive features, and then to contact your authorized Heil Dealer for assistance in choosing the Heil refuse collection vehicle that is right for you. To find the Dealer nearest you, visit www.heil.com.





Shown in a single axle 20 cubic yard configuration

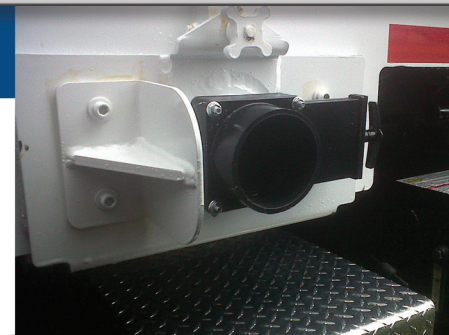
Smarter By Design, with Loyalty Built In

The **Half/Pack**® was designed to withstand the rigors of daily use in punishing environments.

- **Solid Foundation** — The interlaced subframe provides exceptional strength and durability, which means your **Half/Pack** will enjoy a long lifespan and excellent resale value.
- **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.
- **On-board Diagnostic Tools** — Quickly and easily diagnose problems away from outside hazards and weather. On-board diagnostic tools make troubleshooting a breeze.
- **Protected Packing Cylinders** — 35-gallon sumps control and store any liquid waste or refuse that spills over the packer blade to help protect the cylinders from packing in the trash and to minimize the chance for corrosion.
- **Easily Accessible Components** — Easy behind-the-cab access to critical components, such as hydraulic valves, reduces maintenance costs and downtime.
- **Superior Filtration** — Our 3-micron filtration system keeps oil cleaner and extends the life of hydraulic components. Other manufacturers use 10-micron filtration, which can allow particulate matter to damage the hydraulic system.
- **Proximity Switches That Last** — The proximity switches on a **Half/Pack** are engineered to provide years of service without the need for regular readjustment or replacement. Our proximity switches are the highest quality available, exceeding even military specifications.
- **Optional Operate-in-Gear-at-Idle** — Customers and operators alike appreciate the **Half/Pack's** quiet operation. Plus, not having to constantly rev the engine means reduced wear on drive train components.
- **Single Axle Model** — The **Half/Pack** is available in a single axle configuration to improve maneuverability and reduce wear and tear inflicted by city streets.

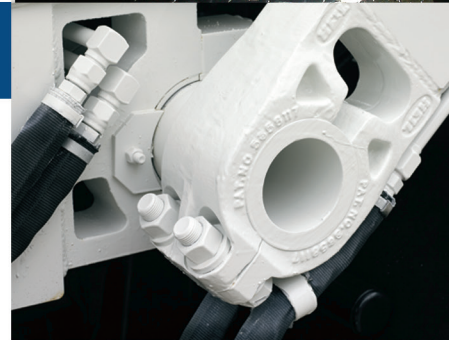
3-inch Sump Drain Valve

The Heil Half/Pack now features a 3" gate valve on both street and curbside sump doors to channel liquid away from chassis and body components. The updated drain design also gives the operator the ability to drain the liquid into specific locations and also removes the liquid out of the refuse prior to opening the sump door.



Clamp-on Arms

Built to last, our patented clamp-on arms are designed to pivot instead of break in the event of an accidental collision. If damage occurs, the clamp-on arms can be replaced in a fraction of the time required for welded or bolt-on arm styles.



Double-Walled Hopper

High tensile strength steel withstands the exceptional forces of the compaction cycle and ensures maximum payloads. Our exclusive double-wall hopper keeps refuse safely within the confines of the body and prevents corrosion for long-term durability.



Shur-Lock™ Tailgate Locks

Heil's in-cab operated tailgate locking system not only keeps payloads secure but also enables the operator to unlock and open the tailgate and discharge the payload from the safety of the cab. Reflective indicator tags, visible from the cab's mirrors, confirm when the tailgate is sealed.





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High-Compaction Front Loader Product Specifications

Performance Specifications		@ idle	@ 1,200 RPM
Container Dump Cycle Time	up	10-12 seconds	7-8 seconds
	complete	20-23 seconds	14-17 seconds
Packer Cycle Time (Eject)		20-23 seconds @ idle	
Arms Lifting Capacity		8,000 lbs. (tested to 16,000 lbs.)	
Compaction Force		117,000 lbs.	
Dump Body Hoist Angle		30°	

Available in Serviceable Eject Models with Optional Service Hoist

*32 yd³ Body Only Available in Eject Model

Hydraulic Specifications		
PUMP		
Type	Single Vane	
Maximum Operating Pressure	2,500 psi	
Working RPM	1,300 RPM approx.	
Flow at Working RPM	50 GPM	
OIL RESERVOIR		
Tank Capacity (net)	dump	32 gallons
	eject	41 gallons
Filters	3 micron return filter with in-cab filter monitor; 100 mesh reusable suction screen	
VALVES		
Type	Multi-section stack valve, 50 GPM @ 2,500 psi relief valve to prevent overload damage	

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.

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Chassis Requirements	20 yd ³		23 yd ³	28 yd ³	32 yd ³		
	in.	mm	Single axle w/ Tag	Tandem axle			
Usable CT	in.		160 in.	154-160 in.	148 to 160 in.	172 to 190 in.	184 to 190 in.
	mm						
Wheel Base	in.		185 in.	179-185 in.	179 to 185 in.	197 to 215 in.	209 to 215 in.
	mm						
GVWR	lbs.		54,000 lbs.	54,000 lbs.	60,000 lbs.	64,000 lbs.	66,000 lbs.
	kg						
Minimum GVWR (F)*	lbs.		20,000 lbs.	20,000 lbs.	20,000 lbs.	20,000 lbs.	20,000 lbs.
	kg						
Minimum GAWR (R)*	lbs.		30,000 lbs.	30,000 lbs.	40,000 lbs.	46,000 lbs.	48,000 lbs.
	kg						
Minimum Platform	in.		227	227	227	259	277
	mm						

*Typical recommended specifications. Specific specifications are dependent on chassis weight, wheelbase, and expected payload. Chassis must comply with Heil's chassis layout requirements, or body will not be mounted.

Body Specifications		20 yd ³	23 yd ³	28 yd ³	32 yd ³	
Body Capacity		20 yd ³	23 yd ³	28 yd ³	32 yd ³	
Hopper Capacity		12 yd ³	12 yd ³	12 yd ³	12 yd ³	
Gross Capacity		32 yd ³	35 yd ³	40 yd ³	44 yd ³	
Gross Weight (approx.)	lbs.	18,000 lbs.	18,100 lbs.	19,300 lbs.	20,000 lbs.	
	kg					
Overall Length ^(a)	in.	364 in.	383 in.	415 in.	433 in.	
	mm					
Overall Width	in.	96 in.	96 in.	96 in.	96 in.	
	mm					
Overall Height ^(b)	Arms Down	in.	107 in.	107 in.	107 in.	107 in.
		mm				
	Arms Up	in.	120 in.	120 in.	120 in.	120 in.
		mm				
Hopper Opening	in.	83 in. x 93 in.	83 in. x 93 in.	83 in. x 93 in.	83 in. x 93 in.	
	mm					

^(a) Arms Down, Forks Tucked ^(b) Above Frame

Cylinder Specifications		20 yd ³	23 yd ³	28 yd ³	32 yd ³		
Body Cylinders	Type	Bore					
Packer (Eject Models)	(2) 3-Stage Double Acting Telescopic	in.	5.5 in.	5.5 in.	5.5 in.	5.5 in.	
		mm					
ARM	(2) Double Acting	in.	4.5 in.	4.5 in.	4.5 in.	4.5 in.	
		mm					
Hoist (Dump Models)	(2) Single Acting	in.	4.5 in.	4.5 in.	4.5 in.	N/A	
		mm					
Forks	(2) Double Acting	in.	4.0 in.	4.0 in.	4.0 in.	4.0 in.	
		mm					
Top door	(1) Double Acting	in.	2.8 in.	2.8 in.	2.8 in.	2.8 in.	
		mm					
Tailgate	(2) Double Acting Each	Raise	in.	3.1 in.	3.1 in.	3.1 in.	3.1 in.
			mm				
		Lock	in.	3.0 in.	3.0 in.	3.0 in.	3.0 in.
			mm				