



Half/Pack[®] Sierra

Western U.S. Front Loader



Half/Pack® Sierra

Proven performance in a lighter package.

In response to requests from our customers in the Western United States, where weight requirements are more stringent, we offer the **Half/Pack Sierra**. It includes all the features and benefits of our popular Half/Pack model in a body that weighs 16-percent less.

To build this lighter-weight model, we used sophisticated, high-strength steels to make key components lighter without sacrificing strength, durability, or performance. The result is a 28-cubic yard front loader that weighs just 16,700 lbs. vs. 19,300 lbs. for the same size standard Half/Pack. The **Half/Pack Sierra** boasts a packer cycle time of 22 to 26 seconds and an arm cycle time of 18 to 20 seconds, and can contain 10 tons of payload without being overweight.

Large and overfilled commercial containers are no match for the **Half/Pack Sierra's** 12-cubic yard front load hopper, the largest and lightest in the industry. Plus, it's the only refuse collection vehicle available with double-wall sides made of 145,000 psi

steel plates for the durability needed to protect against punctures and protrusions that can lead to corrosion. A curved top door seals the hopper opening to prevent blowing debris and provide an overall lower body height. The **Half/Pack Sierra** can also be fitted with a carry can for residential collection.

The **Half/Pack Sierra** features the Half/Pack's recognizable curved body, which is stronger, easier to clean, and more resistant to rust and corrosion than other shapes. The body's flat floor, made of high-tensile, abrasion-resistant steel, eliminates the trough found in other front loader designs that can crack and requires frequent cleaning. Underneath it all, the **Half/Pack Sierra** is built on our unique fully welded, interlaced subframe to help the body withstand the stresses of large payloads and rough landfill terrain.

To add the **Half/Pack Sierra** to your fleet, contact your local Authorized Heil Dealer. To find the Dealer nearest you, visit www.heil.com.





A Lighter Package with Heavy-Duty Performance

Get proven heavy-duty performance in a lighter package with the **Half/Pack® Sierra** front loader, specifically designed for the Western U.S. and areas with weight restrictions.

- **Lower Overall Weight** — The **Half/Pack Sierra** just 16,700 lbs. vs. 19,300 lbs. for the same size standard Half/Pack, a weight reduction of 16%.
- **Top-Notch Electrical Components** — We use rust-resistant gold-tipped connectors in all critical electrical equipment. In fact, our proximity switches exceed even military specifications.
- **Leakage Prevention** — Our Shur-Lock™ tailgate lock system and a 68-inch vertical seal reduce the chance of leakage from the tailgate while the **Half/Pack Sierra** is on route.
- **Fast and Reliable** — A packer cycle time of 22 to 26 seconds, an arm cycle time of 18 to 20 seconds, and a 10-ton payload capacity mean you can collect more quickly, without being overweight.
- **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.

Intelligent Material Selection

Use of Domex® and AR400 steel in the right places allow for a more durable, higher strength, and lower weight final product, while maintaining the standard design features that customers have grown to love about a Heil Half/Pack.



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-strength, heavy gauge 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 reduces 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.





Half/Pack® Sierra

Western U.S. Front Loader Product Specifications

Performance Specifications	
Container Dump Cycle Time	18-20 seconds
Packer Cycle Time Dump or Eject	22-26 seconds @ idle
Arms Lifting Capacity	8,000 lbs. (tested to 16,000 lbs.)
Compaction Force	117,000 lbs.
Clearance-Stop-Tail Back-up Lamp	FMVSS 108

The Half/Pack® Sierra is the latest addition to the storied Half/Pack family. Responding to demands by Western U.S. haulers for a more durable and dependable weight-conscious front loader, Heil engineers have used lighter, but stonger, materials to successfully reduce the weight by over 2,500 lbs., yet maintain the high standards of quality and performance you've come to expect from a Heil Half/Pack.

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 + service hoist	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.

Chassis Requirements		28 yd ³
Usable CT	lbs.	172 to 191
Wheel Base	in.	197 to 215
GVWR	lbs.	57,500
Minimum GVWR (F)	lbs.	18,000
Minimum GAWR (R)	lbs.	34,000
Minimum Tag	lbs.	11,000
Minimum Platform (eject)	in.	264

• Diesel engines require a full variable speed governor.

Body Specifications		28 yd ³
Body Capacity	yd ³	28
Hopper Capacity	yd ³	12
Gross Capacity	yd ³	40
Gross Weight (approx.)	lbs.	16,700
Overall Length ^(a)	in.	415
Overall Width	in.	96
Overall Height ^(b)	arms down	107
	arms up	120
Hopper Opening	in.	83 x 93

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

Cylinder Specifications		28 yd ³
Body Cylinders		Bore
PACKER (Eject Models) - (2) 3-Stage Double Acting Telescopic	in.	5.5
ARM - (2) Double Acting	in.	4.5
FORKS - (2) Double Acting	in.	4.5
TOP DOOR - (1) Double Acting	in.	4.0
TAILGATE - (2) Double Acting Each	Raise	3.0
	Lock	3.0



2030 Hamilton Place Blvd., Suite 200, Chattanooga, TN 37421
 866.FOR.HEIL (866.367.4345) • Fax: 423.855.3478
 www.heil.com

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