



**WE NEVER STOP WORKING FOR YOU**

# PT1100

High-Performance Rear-Loader

a **DOVER** company



**Discover the latest innovation in the rear-loader class.**

[www.Heil.com](http://www.Heil.com)



# The Heil PT1100

## High-performance mid-range rear-loader.

The PT1100 will reset your expectations about mid-range rear-loaders. Built on the PT1000 platform, with its design having 20 years experience, the PT1100, is a proven refuse collection vehicle that delivers the fastest cycle time in its class, an outstanding payload, and a high-capacity hopper. It also fits comfortably into today's increasingly restricted budgets.

The PT1100 features a large three-cubic-yard hopper, making it the ideal vehicle for those occasional commercial pick-ups. It can be equipped with a variety of container handling devices to suit just about any collection need. It also offers payloads of up to 1,000 lbs./yd<sup>3</sup>, and a one-piece body sidewall that not only looks more modern, but is also easier to wash and maintain, resists rust and corrosion, and provides a smooth surface for signage. Excluding the 26 cubic-yard body, all other sizes can be equipped as single-axle models, making them Federal Excise Tax (FET) exempt\*.

Now, the Heil In-Sight Display provides enhanced troubleshooting capabilities that can all be performed from within the safety of the cab. This is made possible by the recently upgraded remote mobile controller, which eliminates the need for a Power Distribution Center (PDC) box. The mobile controller provides two-way communications, and critical information directly to the display, eliminating relays and associated failures. Operators can even adjust the hydraulic detent valve pressures from the cab, which means no more climbing on the tailgate while dealing with outside hazards. This new design also allows operators to perform the functions related to ejecting the payload from the safety of the cab. By simply using the Heil In-Sight Display, the operator can safely and efficiently unlock and open the tailgate, eject the payload, plus lower and lock the tailgate, all from the driver's seat. In addition, standard in-cab body operation switches are now conveniently located within the Heil In-Sight Display. This enhanced design allows for future additions, which in the past would have required the addition of an inconveniently placed auxiliary switch, on an already crowded dash. Now all this can be done in one, easy-to-access, in-cab display.

\* Heil does not provide tax advice. Please consult your tax advisor regarding the specific tax implications of your selected product.

## The Heil PT1100

### Design, performance, and reliability that works for YOU.



#### Add 3rd Eye Digital Packages

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



#### Add 3rd Eye IRIS Collision Warning Radar

3rd Eye family of IRIS Collision Warning Radar protects your drivers, your assets, and those in close proximity to your vehicle using existing 3rd Eye® Mobile camera cables.



#### Add Roof Or Front Of Body CNG System

These systems enable your CNG refuse fleet to deliver the same productivity you would expect from a diesel unit while saving money with clean, domestic, compressed natural gas fuel.



#### Add Bayne Thinline Premium Cart Tipper

Outfit your truck with single or dual Bayne® Thinline® premium mobile lifters to reduce the stress and strain on personnel who manually load the vehicle, and increase route efficiency.



# Smarter By Design, With Loyalty Built In

The PT1100 was specifically designed to maximize your efficiency on daily collection routes.

## The Heil PT1100



### Reliable Rear-Loader Performance

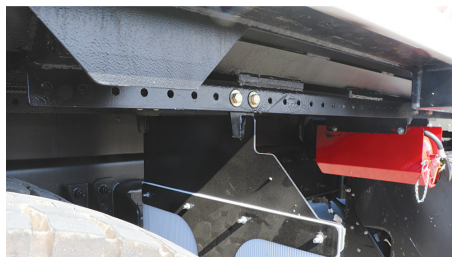
- + **FAST CYCLE TIME** - With the fastest cycle time in its class, the proven PT1100 can maximize your efficiency on daily collection routes.
- + **SERVICE SMART DESIGN** - Easy-to-access wear parts can enable longer component life, while helping you attain the lowest total cost of collection.
- + **AUTOMATIC TAILGATE LOCKS** - Shur-Lock style tailgate locks are a standard feature, and enable the tailgate to be locked with the literal touch of a finger. The driver can simply use the in-cab Heil In-Sight Display to secure the tailgate from the driver's seat, for a worry-free system.
- + **REMOTE CONTROLLER WITH IN-SIGHT DISPLAY** - Quickly and easily diagnose problems away from outside hazards and weather. On-board diagnostic tools make troubleshooting a breeze. This design also allows operators to adjust the hydraulic detent valve pressures from the cab.
- + **SUPERIOR FILTRATION** - Our three-micron filtration system keeps hydraulic oil cleaner and extends the life of the hydraulic components. Other manufacturers use 10-micron filtration, which can allow particulate matter to damage the hydraulic system.
- + **IN-BODY OIL TANK** - The standard in-body hydraulic oil tank location allows for easier mounting of the unit, and frees up valuable frame rail space. This means fewer chassis interface issues or costly chassis modifications, while also lessening the oil tank's exposure to contamination.

### Discover What Sets The PT1100 Apart



#### HIGH CAPACITY HOPPER

When it comes to mid-size rear-loaders, the PT1100 offers a large 3.0 cubic-yard hopper that is key to optimizing productivity and easily handles bulky waste materials found in today's refuse collection applications.



#### UNDER-BODY RAIL MOUNTING SYSTEM

The under-body rail system allows for easy bolt-on mounting of components (toolboxes, fire extinguishers, mud guards, etc.) on the unit. This clears up valuable frame rail space, and means less chassis interface issues or costly chassis modifications.



#### PUSH-BUTTON CONTROLS

Easy-to-read and understand push-button controls are standard on the curbside, and can also be mounted on the streetside of the tailgate. You can now easily control the packer, tipper, reever, and roll bar operations with the push of a button.



#### IN-CAB PAYLOAD EJECTION

Operators can now use the In-Sight Display to safely and efficiently operate standard body functions. With all in-cab body switches being moved to the In-Sight Display, constant modification and future additions are possible. The In-Sight Display enhancement also allows for troubleshooting from the safety of the cab.

# Smarter By Design, With Loyalty Built In

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## PT1100 Specifications

Typical Chassis Configuration		13 yd <sup>3</sup>	16 yd <sup>3</sup>	18 yd <sup>3</sup>	20 yd <sup>3</sup>	26 yd <sup>3</sup>
Minimum GVWR <sup>(1)</sup>		29,000	30,000	30,000	33,000	48,000
Minimum GAWR	front	9,000	9,000	9,000	10,000	14,000
	rear	20,000	21,000	21,000 <sup>(2)</sup>	23,000 <sup>(2)</sup>	34,000
Usable CA	in.	96	102-110	117-125	132-140	180
	mm	2,440	2,590-2,790	2,972-3,175	3,353-3,556	4,572
Minimum Platform	in.	147	153-161	168-176	183-191	250
	mm	3,734	3,886-4,089	4,267-4,470	4,648-4,851	6,350

Any chassis sent to Heil Environmental with less than these minimum GVWR/GVARs will not be mounted.  
(1) If CA/CT is not as recommended, contact Heil Environmental for applicable weight distribution and GVWR/GVAR requirements. (2) Requires 30,000 lbs. spring package

### Performance Specifications

Compaction	Up to 1,000 lbs. per yd <sup>3</sup>
Hopper Size	3.0 yd <sup>3</sup>
Packing Cycle Time	15-17 seconds
FET Exempt*	13 yd <sup>3</sup> , 16 yd <sup>3</sup> , 18 yd <sup>3</sup> & 20 yd <sup>3</sup>

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.

### Hydraulic Specifications

<b>PUMP</b>	
Type	High pressure gear
Maximum Operating Pressure	2,750 psi
GPM	48 GPM
<b>OIL RESERVOIR</b>	
Tank Capacity (net)	56 gallons (211.9 liters)
Filters	3-micron-return filter; 140-micron suction line
<b>VALVES</b>	
Shutoff	Ball type
Packing Control	Spool type
Ejector and Tailgate Raise	Spool type

### Tailgate Specifications

Hopper Capacity	yd <sup>3</sup>	3
	m <sup>3</sup>	2.3
Sill Height Below Chassis Frame <sup>(1)</sup>	in.	.63
	mm	16
Hopper Loading Width	in.	80
	mm	2,032
Hopper Opening Height	in.	65.4
	mm	1,662
Cycle Time (seconds)	complete	15-17 sec.

Body Specifications		13 yd <sup>3</sup>	16 yd <sup>3</sup>	18 yd <sup>3</sup>	20 yd <sup>3</sup>	26 yd <sup>3</sup>
Body Capacity	yd <sup>3</sup>	13	16	18	20	25
	m <sup>3</sup>	9.93	12.23	13.76	15.29	19.11
Overall Length	in.	188.5	205.9	220.9	232.4	280.2
	mm	4,787	5,231	5,613	5,904	7,117
Overall Length With Tailgate Raised	in.	207.7	225.1	240.2	251.6	299.4
	mm	5,276	5,720	6,102	6,393	7,606
Overall Width	in.	96	96	96	96	96
	mm	2,438	2,438	2,438	2,438	2,438
Overall Height Above Frame	in.	92.9	92.9	92.9	92.9	92.9
	mm	2,360	2,360	2,360	2,360	2,360
Overall Height With Tailgate Raised	in.	181.1	180.9	180.9	180.9	180.9
	mm	4,600	4,597	4,597	4,597	4,597
Gross Weight (approximate)	lbs.	12,181	12,569	12,650	12,965	14,368
	kg.	5,525	5,701	5,738	5,881	6,517

### Cylinder Specifications

Body Cylinders	Type	Model	Stages	Bore	
Tailgate Raise	Single Acting	ALL	1	in.	3.25
				mm	82.6
Packer Sweep	Double Acting	ALL	1	in.	4
				mm	101.6
Upper Panel	Double Acting	ALL	1	in.	4.5
				mm	114.3
Ejection	Double Acting Telescopic	ALL	4	in.	5.5
				mm	139.7

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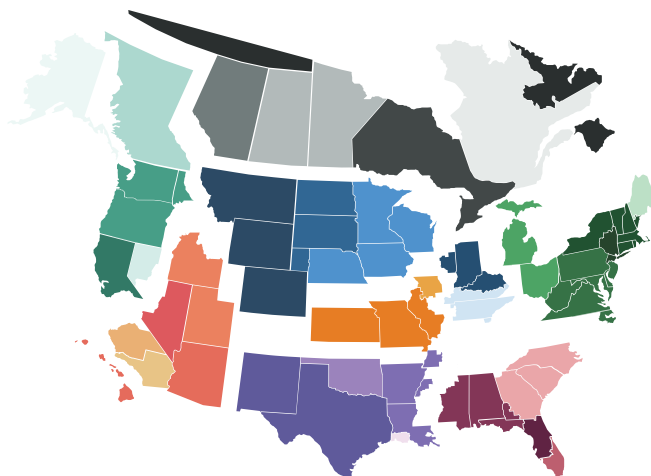
## EXPEDITE THE PURCHASE OF YOUR HEIL UNIT THROUGH SOURCEWELL

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](http://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](http://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](http://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](http://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](http://www.heil.com/connected-collections)

[www.heil.com](http://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](http://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 Nexteligenze® 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/nexteligenze](http://www.heil.com/nexteligenze).





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**Contact your Heil® authorized dealer:**