



Heil PT1000 Rear Loader-20 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

Base Body

Body floor- 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
Body Side- 10 Gauge, 50,000 psi
Body Roof- 8 Gauge, 50,000 psi
Tailgate Sides- 10 Gauge, 50,000 psi
Hopper floor-3/16" AR 400, 184,000 psi
Packer Blade-3/16", 150,000 psi
Body Width - 96"
Body Height 93"
Body weight-10,000 to 12,300
Hopper Size – 3 Cubic Yard
Hopper Loading Width – 80"
Load sill Height – Even to 3.5 Below chassis frame Height
Cycle Time Approximately 16-18 Seconds
Compaction Ratio 800-900 lbs per Cubic Yard
Sweep Cylinders - 4.5"
Pack Cylinders - 4.0"
Hydraulic Pump – 48 GPM
System Pressure – 2,750 psi
3-Micron Return Line Oil Filter
In-cab Filter Bypass Monitor
One (1) Year Body Warranty
Factory Mounting
Direct Mount Gear Pump
Hot Shift PTO with Overspeed Protection
Hopper Worklight
Multi-function Smart Light System with full body LED Light
Dual Rear Buzzers
Streetside Body Access Door
Regenerative Valve for Faster Packer and Reload Times
Body Undercoating
Rear Vision Camera system with 7" flat Screen Color Monitor
Dual Factory cart Tipper Hydraulics
Incoming Freight and Service



WE NEVER STOP WORKING FOR YOU

PT1000

High-Performance Rear Loader



**Environmental
Solutions Group**

a **DOVER** company

The proven single-axle refuse collection machine.

www.Heil.com

The Heil® PT1000

High-performance single axle rear loader.

The Heil PT1000 will reset your expectations about single-axle rear loaders. With nearly 20 years of performance, the PT1000 is a proven refuse collection vehicle that delivers the fastest cycle time in its class, an outstanding payload, and a best-in-class hopper. It also fits comfortably into today's increasingly restricted budgets.

Beneath its sleek exterior, the PT1000 is a no-nonsense machine that will outperform anything else in its class. It offers a 15-second cycle time and a reload time of less than six seconds, with packing forces that take full advantage of the Heil brand's experience in high-pressure hydraulics and lighter weight, high-tensile steel construction.

The PT1000 features a large three-cubic yard hopper that is the best in its class, 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 800 lbs./cubic-yard, 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 25 cubic-yard body, all other sizes can be equipped as single axle models, making them Federal Excise Tax (FET) exempt.

To add the proven PT1000 to your fleet, contact your local Authorized Heil Dealer. To find the dealer nearest you, visit www.heil.com/dealers.

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

The Heil® PT1000

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® Collision Avoidance Radar

3rd Eye family of Integrated Collision Avoidance Radar Systems protects both 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

Our system enables 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 and reduce the stress and strain on personnel who manually load the vehicle and increase route efficiency.

Smarter By Design, With Loyalty Built In

The PT1000 was specifically designed to maximize your efficiency on daily collection routes.

The Heil® PT1000



Reliable Rear Loader Performance

- + **FAST CYCLE TIME** - With the fastest cycle time in its class, the proven PT1000 can maximize your efficiency on daily collection routes.
- + **SERVICE SMART DESIGN** - Easy-to-access UHMW wear parts can enable longer component life, while attaining the lowest total cost of collection.
- + **SERVICE SMART SIDE DOOR** - Our Service Smart design simplifies routine maintenance, keeping your truck away from the shop and out servicing your customers, making money. The side door provides easy access for common maintenance tasks.
- + **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.
- + **ONE-HANDED MANUAL PACKING** - Convenient one-handed manual controls stop, start, or reverse the upper panel or sweep panel at any point in the packing cycle.
- + **ONE-PIECE BODY SIDEWALL** - Resists rust and corrosion, easier to wash and maintain, plus the smooth sides provide optimal signage space for advertising.

Discover What Sets The PT1000 Apart



HIGH CAPACITY HOPPER

When it comes to the mid-size rear loader, the PT1000 offers a large 3.0 cubic yard hopper that is key to optimizing productivity and easily handles even the bulkiest waste materials found in today's refuse collection applications.



PACKING POWER

The unique Heil track design enables more compaction force per square inch, utilizing the system pressure of 2,750 psi to its maximum capacity, and also delivering faster cycle times to expedite the operator's route time.



OPTIMIZED BODY WEIGHT

A payload density of up to 800 pounds per cubic yard, and a body sidewall constructed of single sheet, high-tensile steel deliver long-lasting performance without unnecessary weight.



ELECTRICAL CONTROL BOX

The power distribution electrical control box on the side of the body offers easier diagnostics of wiring issues, and minimizes the need to cut into the chassis cab interior for wiring integration.

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Performance Specifications

Compaction	Up to 800 lbs. per yd ³
Hopper Size	3.0 yd ³
Packing Cycle Time	15-17 seconds
Reload Time	6-8 seconds
FET Exempt	13 yd ³ , 16 yd ³ , 18 yd ³ & 20 yd ³

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

PUMP	
Type	High pressure gear
Maximum Operating Pressure	2,750 psi
GPM	48 GPM
OIL RESERVOIR	
Tank Capacity (net)	45 gallons (170.3 liters)
Filters	3 micron return filter; 140 micron suction line
VALVES	
Shutoff	Ball type
Packing Control	Spool type
Ejector and Tailgate Raise	Spool type

Tailgate Specifications

		18 yd ³ & 20 yd ³	25 yd ³
Hopper Capacity	yd ³	3	3
	m ³	2.3	2.3
Sill Height Below Chassis Frame ⁽¹⁾	in.	0.5	3.5
	mm	12.7	88.9
Hopper Loading Width	in.	80	80
	mm	2,032	2,032
Hopper Opening Height	in.	67	67
	mm	1,700	1,700
Cycle Time (seconds)	complete	15-17	15-17
	reload	5-6	5-6

PT1000 Specifications

Typical Chassis Configuration		13 yd ³	16 yd ³	18 yd ³	20 yd ³	25 yd ³
Minimum GVWR ⁽¹⁾		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 ⁽²⁾	23,000 ⁽²⁾	34,000
Usable CA	in.	96	102-110	117-125	132-140	N/A
	mm	2,440	2,590-2,790	2,972-3,175	3,353-3,556	N/A
Usable CT	in.	N/A	N/A	N/A	114-120	146-154
	mm	N/A	N/A	N/A	2,896-3,048	3,734-3,886
Minimum Platform	in.	32	32	32	32/51	51
	mm	813	813	813	813/1,295	1,295

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) Require 30,000 lbs. spring package

Body Specifications

		13 yd ³	16 yd ³	18 yd ³	20 yd ³	25 yd ³
Body Capacity	yd ³	13	16	18	20	25
	m ³	9.93	12.23	13.76	15.29	19.11
Overall Length	in.	189.25	206.75	220	234	269
	mm	4,807	5,251	5,588	5,944	6,833
Overall Length With Tailgate Raised	in.	229.25	246.75	272	286	321
	mm	5,823	6,267	6,909	7,264	8,154
Overall Width	in.	96	96	96	96	96
	mm	2,438	2,438	2,438	2,438	2,438
Overall Height Above Frame	in.	94	94	94	94	94
	mm	2,388	2,388	2,388	2,388	2,388
Overall Height With Tailgate Raised	in.	162	162	162	162	162
	mm	4,115	4,115	4,115	4,115	4,115
Gross Weight (approximate)	lbs.	10,350	10,800	11,100	11,400	12,300
	kg.	4,899	4,899	5,035	5,170	5,580

Cylinder Specifications

Body Cylinders	Type	Model	Stages	Bore	
Tailgate Raise	Single Acting	ALL	1	in.	3
				mm	76.2
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.	6.5
				mm	165



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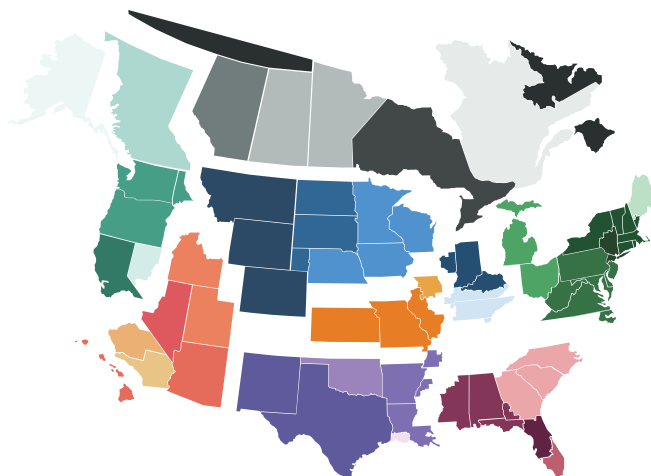
EXPEDITE THE PURCHASE OF YOUR HEIL® UNIT THROUGH SOURCEWELL

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



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.



a **DOVER** company

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Contact your Heil® authorized dealer: