



**WE NEVER STOP WORKING FOR YOU**

**Heil® MultiPack®**

Multi-Role Refuse Collection Vehicle

a DOVER company



**Environmental  
Solutions Group®**

a DOVER company

**The one vehicle that can do it all.**

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

# Heil® MultiPack®

The one vehicle that can do it all.

The **Heil MultiPack** refuse collection vehicle can do it all because it combines three precision-engineered products: the durable **Heil DuraPack**® body, the superior **Python**® automated arm, and the proven **DuraPack 5000** tailgate. These features make the **MultiPack** the most versatile refuse collection vehicle. If you're looking for ways to reduce your total capital equipment costs, think **MultiPack**. It is the only vehicle that can handle rear loader, side loader, and even commercial routes single-handedly.

The **MultiPack** is ideal for routes with "unlimited-at-the-curb" contracts. It's also the perfect unit for those ugly "surprises" that unexpectedly end up next to a customer's cart on collection day. While other manufacturers may offer multi-function vehicles, only the **Heil MultiPack** is "totally functional" in both modes of operation because it can pick up a completely manual or automated route. Think of the possibilities!

If your routes need a strong right arm — you've found it. The **Python** automated arm can lift up to 800 pounds (625 pounds fully extended) and collect up to 1,400 homes per day. It also strikes quickly with an eight-second cycle time — one of the fastest in the industry, saving you up to four seconds per stop.

The **Python** arm features precision-crafted three-inch cushioned cylinders which enable it to operate smoothly, saving wear on the lift arm and the chassis. The arm has a nine-foot reach and makes cleaner pickups. Its fast action prevents spillage and consistently returns the cart with the lid closed.

The **MultiPack** also features the proven **DuraPack** body, which includes a fully welded, interlaced subframe. With formed channels for extra strength, high tensile strength steel to maximize performance at a minimum weight, and full welding for superior resistance to corrosion and cracking, the **DuraPack** body is built to last, with the stamina to absorb years of tough hauling.

To add this versatile performer to your fleet, contact your local **Heil Dealer**. To find the Dealer nearest you, please visit [www.heil.com](http://www.heil.com).



## The Heil® MultiPack® 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

The **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 Bayne Thinline® Premium Cart Tipper

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



### Add Body Rooftop CNG Storage

This optional 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 as fuel.

# Smarter By Design, With Loyalty Built In

The MultiPack® was specifically designed to accommodate highly variable routes, quickly and efficiently.

## Heil® MultiPack®

- + **EXCEPTIONAL REACH AND LIFT** - The patented automated Python® arm can reach up to nine feet. Able to lift up to up to 800 pounds, the Python arm features cushioned cylinders for smooth action, saving wear and tear on both the lift arm and the chassis. The Python arm's unique lift geometry enables the arm to consistently return carts with the lids closed.
- + **QUIET, FUEL-EFFICIENT OPERATION** - The Heil Operate-in-Gear-at-Idle System comes standard on the MultiPack. It is designed to help you finish routes up to 20% faster, saving up to one gallon of fuel per hour while reducing wear on the lift assembly, chassis, engine, and transmission. Plus, it greatly reduces noise — a benefit to operators and customers alike, especially in residential neighborhoods.
- + **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.
- + **TIME SAVER** - The DuraPack body features a flat, abrasion-resistant steel floor, which eliminates the messy job of cleaning trash buildup out of dirty troughs.
- + **HIGH-CAPACITY HOPPER** - The generous 3.94 cubic yard tailgate hopper can accommodate large items with ease, and requires less cycling on the route.

## Reliable Automated Side Loader Performance

- + **SOLID FOUNDATION** - Our exclusive fully welded, interlaced subframe provides exceptional longevity, while resisting abrasion, corrosion, and salt damage. The body is constructed of 7-8 ga. high tensile strength steel, while the tailgate hopper features 5/16" thick AR400 steel on the floor and 3/16" thick AR400 steel on the sides for superior strength and durability.
- + **ONE-HANDED MANUAL PACKING** - The convenient one-handed manual controls located on the tailgate stop, start, or reverse the upper panel or sweep panel at any point in the packing cycle.
- + **JOYSTICK CAB CONTROLS** - Reliable, ergonomic joystick controls deliver smoother performance and enhanced usability. With the AutoLoad system, the operator can reach, grab, lift, dump, and return the arm to the stowed position using only the joystick and two buttons.
- + **DURAMOUNT DESIGN** - The Heil DuraMount Design, used to mount the lift to the chassis frame, reduces the potential for bolt fatigue and provides Service Smart bolt access for easy maintenance.
- + **PYTHON® GRABBER GEARS** - Made from specially formulated high-strength alloy steel, the Python lift arm's superior hardened grabber gears virtually eliminate gear wear. The gears are splined to the grabber shafts and can be cycled up to 1,000,000 times with little evidence of wear.

## Discover What Sets The Heil® MultiPack® Apart



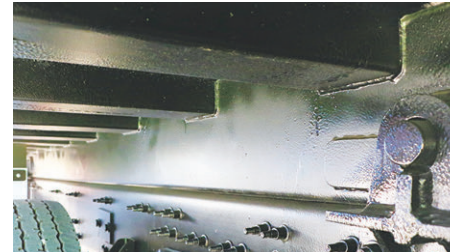
**MULTI-FUNCTION SPECIALTY VEHICLE**

The MultiPack is the one refuse collection vehicle that can handle rear loader, side loader, and even commercial routes single-handedly.



**PYTHON® AUTOMATED LIFT**

Eight-second lift cycle can save up to four seconds per stop - up to one hour per day. This can add up to more than \$15,000 in savings per truck, per year! The Python lift arm's nine-foot reach can slither between cars and other obstacles, making even the most difficult pick-ups possible.



**DURABILITY AND LONGEVITY**

Our exclusive, fully welded, interlaced subframe provides exceptional longevity, while resisting abrasion, corrosion, and salt damage. The body is constructed of 7-8 ga. high tensile strength steel, while the hopper features 5/16" thick AR400 steel on the floor, and 3/16" thick AR400 steel on the sides for superior strength and durability.



**MORE PACKING POWER**

The Heil Linkage Packing System is a proven performer. It has no rollers, slides, or slide shoes to wear out. The optimized geometry allows smaller, lighter cylinders to obtain the same packing power and payloads that usually require larger, heavier, and more expensive cylinders.

# Smarter By Design, With Loyalty Built In

The MultiPack® was specifically designed to accommodate highly variable routes, quickly and efficiently.

## Heil® MultiPack® Specifications

| Performance Specifications |                                      |
|----------------------------|--------------------------------------|
| Lift Capacity              | 800 lbs.                             |
| Lift Cycle Time*           | 8 seconds                            |
| Lift Reach                 | 9 ft.                                |
| Compaction                 | Up to 1,000 lbs. per yd <sup>3</sup> |
| Working RPM                | 750 (operate-in-gear-at-idle)        |

\* Complete cycle time defined as grip, dump, return and release

| Automated Lift Specifications |  |
|-------------------------------|--|
| Lift Capacity                 | 800 lbs.   |
| Cycle Time                    | 8 seconds @ idle   |
| Reach                         | 9 ft.  |
| Ground Clearance              | 20 in. from ground to bottom of grabber arms (based on a 42 in. chassis rail height) |
| Weight*                       | 1,850 lbs. approx.   |
| Controls                      | Joystick, air over hydraulic with feathering ability                                 |

\* Weight includes standard 60/90 gallon grabbers

| Cylinder Specifications      |                   |               |             |
|------------------------------|-------------------|---------------|-------------|
| Body Cylinders               | Type              | Bore x Stroke |             |
| Tailgate Raised              | (2) Double acting | in.           | 4.0 x 26    |
|                              |                   | mm            | 102 x 660   |
| Packer Sweep (tailgate)      | (2) Single acting | in.           | 5.5 x 24    |
|                              |                   | mm            | 140 x 609   |
| Upper Panel (tailgate)       | (2) Double acting | in.           | 5.0 x 26    |
|                              |                   | mm            | 127 x 914   |
| Packer/Ejector (eject model) | (2) Double acting | in.           | 5.5 x 141   |
|                              |                   | mm            | 140 x 3,581 |
| Lift Cylinders               |                   |               |             |
| Reach                        | (1) Double acting | in.           | 3.1 x 16.0  |
|                              |                   | mm            | 80 x 406    |
| Grab                         | (1) Double acting | in.           | 3.1 x 8.0   |
|                              |                   | mm            | 80 x 203    |
| Lift                         | (1) Double acting | in.           | 3.0 x 16.0  |
|                              |                   | mm            | 80 x 406    |

| Hydraulic Specifications   |   |
|----------------------------|---|
| <b>PUMP</b>                | Operate-In-Gear-At-Idle (standard)                |
| Type                       | Tandem Vane front                                 |
| Maximum Operating Pressure | 2,300 psi (15,858 kPa)                            |
| Working RPM                | 750 RPM approx.                                   |
| Flow at Working RPM        | 28 GPM (106 LPM) approx.                          |
| <b>OIL RESERVOIR</b>       | Chassis frame mounted                             |
| Gross Capacity             | 50 gallons (190 liters)                           |
| Filters                    | Return line 3 micron, 140 micron suction strainer |
| <b>VALVES</b>              |   |
| Packing Control            | Electric, push button operated                    |
| Tailgate                   | Air operated toggle                               |
| Tailgate Locking           |   |
| Body Raise                 |   |

| Typical Chassis Configuration* |       |      | 24 yd <sup>3</sup> |
|--------------------------------|-------|------|--------------------|
| Min. GVWR <sup>(1)</sup>       |       | lbs. | 56,000             |
| Min. GAWR                      | Front | lbs. | 18,000             |
|                                | Rear  | lbs. | 44,000             |
| Usable CT                      |       | in.  | 190 ± 6            |
| Wheelbase                      |       | in.  | 215 ± 6            |

- Specify chassis, engine, and transmission upon entering order.
- Chassis must have front engine crankshaft adapter for front drive gear pumps.
- Any truck requiring special alterations, moving battery boxes, oil tanks, etc., will not be made until a letter authorizing these changes has been received by Heil Environmental.
- OPERATE-IN-GEAR units require 325 ft. lbs. of net torque available at idle, with idle pre-set between 650 and 750 RPM."

| Body Specifications                         |                 | 24 yd <sup>3</sup> |       |
|---|-----------------|--------------------|-------|
| Body Capacity                               | yd <sup>3</sup> | 24                 |       |
|   | m <sup>3</sup>  | 18.3               |       |
| Front of Body Hopper Capacity               | yd <sup>2</sup> | 5.2                |       |
|   | m <sup>3</sup>  | 4.0                |       |
| Overall Length*                             | in.             | 332                |       |
|   | mm              | 8,435              |       |
| Overall Length (Tailgate Raised)*           | in.             | 372                |       |
|   | mm              | 9,450              |       |
| Overall Width                               | in.             | 96                 |       |
|   | mm              | 2,440              |       |
| Overall Height Above Frame                  | body lowered    | in.                | 96    |
|   |                 | mm                 | 2,440 |
|   | body raised     | in.                | 208   |
|   |                 | mm                 | 5,285 |
| Gross Weight (Route Ready, Without Options) | lbs.            | 21,000             |       |
|   | kg.             | 9,530              |       |

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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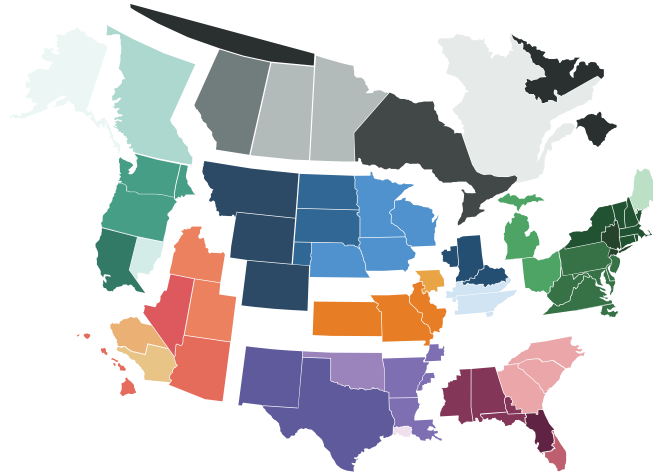
EXPEDITE THE PURCHASE OF YOUR HEIL® UNIT THROUGH SOURCEWELL

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 [social media icons]



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 their 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.



a **DOVER** company

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

**Contact your Heil® authorized dealer:**