

HEIL **MultiPack™**
Refuse Collection Vehicle





*Heil's DuraPack® Family Formula 7000
with the Python automated arm.*

How can you turn the best automated RCV in the world into the best automated, mixed and commercial RCV in the world? Turn the page!

You're looking at Heil's popular DuraPack® Family body with the revolutionary new **Python**® automated arm. The most advanced refuse body ever designed in combination with the most advanced automated arm in the world.

And you're telling yourself that as good as this combination is, it can't handle automated along with **mixed and commercial routes**. Right? Right! Well, just turn the page to discover the multi-function vehicle that can.





Presenting the Formula[®] 5000 Tailgate and DuraPack[®] Family Body — **MultiPack[™]** RCV's Time Tested Duo.

The Formula[®] 5000 Tailgate.

Proven on the job year after year, with more than 16,000 sold, the Formula 5000 is unequalled in strength and durability. Its high tensile steel construction and high pressure hydraulics deliver better payloads without unnecessary weight.

The largest rear loader hopper in the industry!

Couches, carpet, white goods or tree limbs, **MultiPack's** 3.94 cubic yard hopper eats 'em up so you can spit 'em out at the landfill, for unbeatable payloads and productivity.



DuraPack[®] Family Body.

DuraPack offers many performance advantages only available from Heil.

Easily replaceable cast alloy ejector shoes.

Cast alloy shoes last longer. Shoes can be replaced without removing ejector panel.

"Rock Solid" welded interlaced subframe.

Heil is the only manufacturer to fully weld an interlaced subframe on its refuse units, providing superior resistance to salt and corrosion — and **the strongest foundation in the industry!**

Sidewalls made of single sheet, 80,000 psi steel.

No welded seams to rust or crack. A single sheet is turned sideways so the packing forces work with the steel's grain for longer life.

Superior paint preparation.

MultiPack bodies are pre-treated with the exclusive Henkel process before painting to minimize scratch "creep" and provide an extra barrier against rust and corrosion.

If you're thinking "multi-use" — Think Heil **MultiPack!**

High Compaction and a 16-second cycle time.

A compaction rate of 1,000 pounds per cubic yard and a 16-second cycle time mean the job gets done quickly and you have to make fewer trips to the landfill. **MultiPack** spends more time on the job, less time in transit.



Unique tailgate linkage system reduces maintenance costs.

The Formula 5000's exclusive Linkage Packing System eliminates slides and rollers that can wear out and cost you money.



MultiPack can handle commercial routes and is ideal for "unlimited-at-the-curb" contracts.



Introducing the Heil **MultiPack™** RCV!

The one vehicle that can do it all! **MultiPack** can do it all because it is a combination of three precision engineered products. Only Heil can assemble the DuraPack® Family body, the **Python®** automated arm and the proven Formula® 5000 tailgate into the ultimate high performance refuse collection vehicle. If you're thinking about reducing your total capital equipment costs, here's a thought for you. The Heil **MultiPack** is the only vehicle that can handle rear loader, side loader and even commercial routes single-handed.

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



*Precision
engineered
gears*



*Engineered
to last*

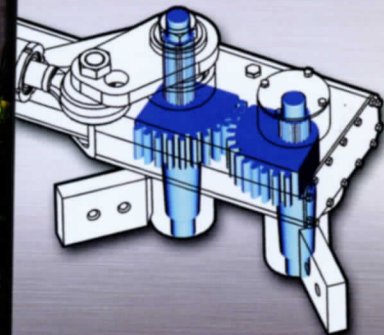


*Heavy duty
construction*



Python's lower maintenance costs are achieved through:

- Enclosed oil bath gearbox
- Air-over-hydraulic controls
- Longer-wearing bearings
- Precision line-bored bearing journals
- Overall smoother action



Python® — the fastest, smoothest most maintenance-friendly automated lift system on the market!

If your RCV needs a strong right arm — you've found it! The exciting new **Python** will press **2,000 pounds without breaking a sweat!** (750 lbs. fully extended). This premium automated arm is the result of more than two years of Heil research, development and refinement. It strikes quickly with a **6-second cycle time** — **the fastest in the industry!** It can save you 3 seconds per stop — an hour a day — which can add up to a savings of more than **\$15,000 per truck — per year!**

Python features precision crafted John Deere 3-inch

cushioned cylinders which allow it to operate more smoothly, saving wear on the lift arm and the chassis. **Python** has a **9-foot reach** and makes **cleaner pickups** — its fast action prevents spillage, and **returns the cart with the lid closed.**

Python operates **in-gear, at-idle** allowing you to work faster — actually finish routes up to 20 percent sooner. This standard feature also means you'll put less stress on the chassis and lift arm while using less fuel (save up to a gallon per hour). And the **reduced engine noise** will annoy fewer neighbors.



*Simple, reliable
joystick controls*

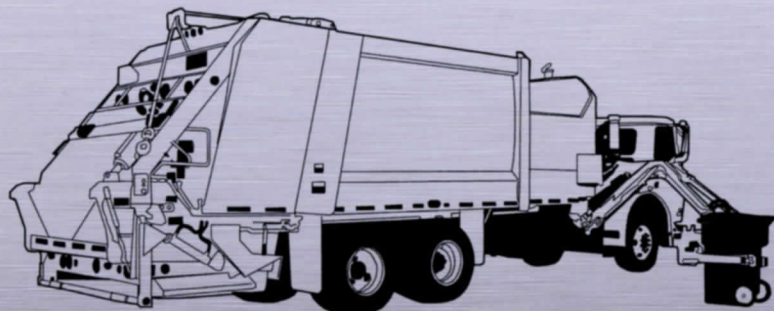
*Top-quality
John Deere cylinders*



MultiPack
Refuse Collection Vehicle

MultiPack™

High Performance Refuse Collection Vehicle Product Specs



PERFORMANCE SPECIFICATIONS

- Lift Capacity up to 2,000 Lbs.
 - Lift Reach 108 Inches
 - Lift Cycle Time (complete*) 6-8 Seconds
 - Working RPM 750
(for Python automated lift, operate-in-gear-at-idle)
 - Rear Loader Hopper Volume 3.94 Cubic Yards
 - Compaction up to 1,000 Lbs. per Yd³
 - Homes Per Day up to 1,400
- *Complete cycle time defined as wheel stop to wheel start

HYDRAULIC SPECIFICATIONS

PUMP	
Type: Front Mount	Single Gear
Maximum Operating Pressure	2500 psi (17,238 kPa)
Working RPM	750 approx.
GPM at Working RPM	29 GPM (110 liters/min.) approximate
OIL RESERVOIR	
	Chassis frame mounted
Gross Capacity	50 gallons (190 liters)
Filters	Return line 6 micron, 140 micron suction strainer
VALVES	
Packing Control	Electric push button operated
MultiPack Tailgate Packing Control	Manual levers
Tailgate Raise	Air operated toggle

CYLINDERS	type	inches (Bore x Stroke) mm	
Tailgate Raise	(2) single acting	4.0 x 26	102 x 660
Packing Blade (Tailgate)	(2) double acting	5.5 x 24	140 x 609
Upper Panel (Tailgate)	(2) double acting	5.0 x 36	127 x 914
Packer/Ejector	(2) double acting	5.5 x 151	140 x 3835
	3-stage telescopic		

LIFT CYLINDERS	type	inches (Bore x Stroke) mm	
Reach	(1) double acting	3.1 x 16.0	80 x 406
Grab	(1) double acting	3.1 x 8.0	80 x 203
Lift	(1) double acting	3.1 x 16.0	80 x 406
Level	(1) double acting	2.48 x 14.48	63 x 368

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 for this product at the time of shipment.

LIFT SPECIFICATIONS

Lift loading capacity	750 lbs @ 9 feet; 2,000 lbs. @ 2 feet
Cycle time	6-8 seconds @ idle
Frame	50,000 psi yield
Reach	108 inches from side of body to centerline of 90 gal. container
Ground clearance	15 in. with lift in stowed position
Overall width	Within 96" legal limit with lift in storage position
Weight*	1,850 lbs.
Mounting length	18 in. (457 mm)
Controls	Joystick, Air over Hydraulic with feathering ability

*Weight includes standard 60/90 gallon grabbers

CHASSIS REQUIREMENTS

MODEL	MIN. GVWR	MIN. GAWR		USABLE CT	WHEELBASE (Approx.)
		Front	Rear		
PMP-24	56,000	18,000	38,000	190" ± 6"	215" ± 6"

- Chassis must have front engine crankshaft adapter for front drive gear pump.
- Specify chassis, engine and transmission upon entering order.
- Any truck requiring special alterations, moving battery boxes, air tanks, etc., will not be made until a letter authorizing changes is received by Heil Environmental Industries, Ltd.

TAILGATE SPECIFICATIONS

HOPPER CAPACITY		LOADING SILL HEIGHT BELOW CHASSIS FRAME		HOPPER LOADING WIDTH		HOPPER OPENING HEIGHT		CYCLE TIME SECONDS	
y ³	m ³	inches	mm	inches	mm	inches	mm	Complete	Reload
3.94	3.01	3.8	96.8	80	2032	55	1397	16-18	6-7

BODY SPECIFICATIONS

MODEL	BODY CAPACITY		FRONT HOPPER CAPACITY		OVERALL LENGTH		OVERALL LENGTH (TAILGATE RAISED)		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME				GROSS WEIGHT	
	y ³	m ³	y ³	m ³	inches	mm	inches	mm	inches	mm	Body		Tailgate Raised		(Approx)	
											inches	mm	inches	mm	lbs.	kg.
PMP-24	24	18.3	4	3.0	332	8433	372	9449	96	2438	96	2438	208	5283	21,000	9,526



HEIL ENVIRONMENTAL
INDUSTRIES, LTD.
A DOVER COMPANY

6400 Building B, 5751 Cornelison Rd., Chattanooga, TN 37411
1-800-824-4345 • Fax: (423) 855-3478 • www.heil.com



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FORM #SWS-74903-0902

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