



Formula[®]

5000

High Compaction
Rear Loader



DEPENDABLE • PRODUCTIVE • AFFORDABLE

- Largest Rear Loader Hopper You Can Get - 3.94 Cubic Yards
- Best Cycle Time In Its Class
- Over 16,000 Produced - A Proven Track Record For 24 Years
- Now More Affordable Than Ever!

Heil's Formula[®] 5000 Delivers The Quality And Performance You Expect...At A New Low Price You Don't.

PERFORMANCE

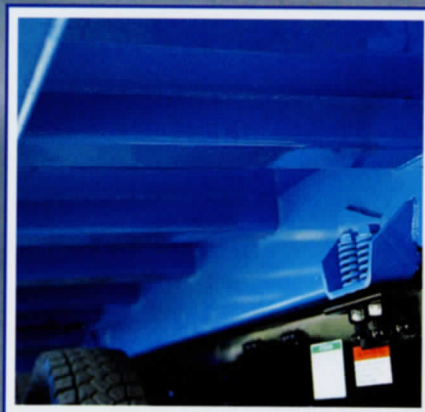
- **3.94 cubic yard hopper** is the largest in the industry. Always has been. A bigger hopper means more trash, fewer cycles, less time on the route, and more money in your pocket.
- **16-second cycle time** leads the way when it comes to high compaction rear loaders. With reload in just 6 seconds, your crews won't be waiting for something to do.

DEPENDABILITY

- **For over 100 years**, Heil has stood behind its reputation for quality and dependability. Chances are, your truck chassis will wear out long before your Heil body.
- **Count on Heil** to be there when you need us. From warranty service, to parts, training and technical support, we'll help keep your Formula[®] 5000 on the job, no matter how old it is.

VALUE

- **Long term cost of ownership** is the true price you'll pay for any piece of equipment. Whether you're running a small business or a big municipal sanitation department, value means getting your money's worth...and then some. Compare daily performance, efficiency, maintenance costs, and resale value. With the new Formula[®] 5000 you'll be dollars ahead.



Only Heil has a FULLY WELDED interlaced subframe for extra strength and superior resistance to rust and corrosion.



The Formula[®] 5000 is the only rear loader that uses a linkage packing design with no slides or rollers to wear out. Over the life of the body, you'll save a bundle in maintenance costs.



Heil uses roll-weld Formula[®] sides and tanks that are stronger and cleaner looking.

ect

After 24 years and over **16,000 units**, the Formula® 5000 is a proven performer. In all that time, we've learned a thing or two about high compaction rear loaders. Like how to build them **lighter and stronger**, for bigger payloads. How to put **more payload forward** in the body for **better weight distribution** and less wear on chassis components. And how to harness high pressure hydraulics for **faster cycle times** than ever before.

We've also learned how to utilize state-of-the-art manufacturing techniques and innovative design to **drive down production costs**. Heil is the only domestic refuse body company to achieve **ISO 9001: 2000** certification, your further assurance of **consistent quality**. We've fine tuned our manufacturing process so you won't get any surprises...except maybe for the low price you'll pay for today's Formula® 5000.

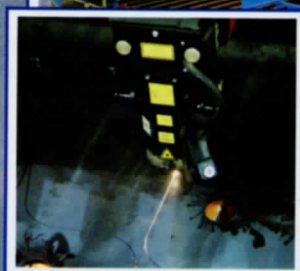


“ **RELIABILITY.** That's what I like best about the Heil 5000. We bought our first 5000 back in '93, and we abused that truck for the first two and a half years...18 to 20 hours a day, seven days a week, packing over 1200 pounds a yard consistently. Should have worn it out - I think we tried - but we couldn't do it.

We've grown quickly and now we have 12 rear loaders, all Heil 5000s...but that first one is still out there working every day, too.

I've tried all the other brands. The 5000 is a reliable, hard working machine that you can count on every day of the week. ”

*Jeff Johnson
Owner, Johnson Dispose-All
Kingsbury, Indiana*



Precision manufacturing is at the heart of the new Formula® 5000. In addition to robotics, Heil uses automated fabrication equipment such as

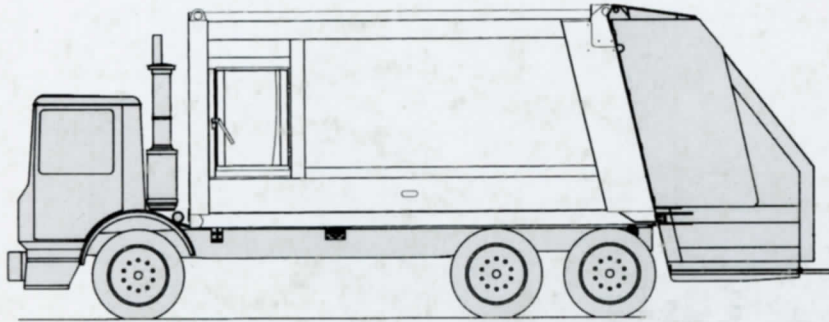
this ultra fast laser for incredibly close tolerances and more efficient, cost effective manufacturing.

robots to Formula® 5000 subfloors, body and tailgates. That means welds are stronger, more consistent, and more durable, too.

S P E C I F I C A T I O N S

PERFORMANCE SPECIFICATIONS

Compaction..... 1,000 + Lbs. per Yd³
 Hopper Size..... 3.94 Cubic Yards
 Packing Cycle Time..... 16-18 Seconds
 Reload Time..... 6-7 Seconds



Formula[®] 5000

High Compaction Rear Loader

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.

HYDRAULIC SPECIFICATIONS	
PUMP	
Type	High pressure gear
Max. operating pressure	2500 psi
GPM at working RPM	42 GPM (159 liters per min.)
OIL RESERVOIR	
Tank capacity	50 gallons (190 liters)
Filters (replaceable)	100 Mesh (140 Micron) suction line; 6 Micron return line with in-cab monitor
VALVES	
Shut-off	Ball valve in suction line between pump and reservoir
Packing control	Spool type
Ejector and tailgate raise	Spool type

CHASSIS REQUIREMENTS											
MODEL	MIN. GVWR	MINIMUM GAWR				USABLE CA		USABLE CT		MIN. Platform	
		Conventional		Cab-Over Engine		inches	mm	inches	mm	inches	mm
		Front	Rear	Front	Rear						
F5000 - 18	39,000	11,000	29,000	13,000	26,000	124	3150	NA	NA	155	3937
F5000 - 18	48,000	12,000	36,000	14,000	34,000	NA	NA	108	2473	155	3937
F5000 - 20	51,000	13,000	38,000	15,000	36,000	NA	NA	126	3200	165	4191
F5000 - 25	54,000	14,000	40,000	16,000	38,000	NA	NA	156	3962	200	5080
F5000 - 27	57,000	15,000	42,000	17,000	40,000	NA	NA	167	4242	212	5385
F5000 - 32	62,000	16,000	46,000	18,000	44,000	NA	NA	197	5004	240	6095

NOTES:
 1) Any chassis sent to The Heil Co. with less than these minimum GVWR/GVARs will not be mounted. 2) If CA/CT is not as recommended, contact Heil Environmental Industries, Ltd. for applicable weight distribution and GVWR/GAWR requirements.

TAILGATE SPECIFICATIONS									
HOPPER CAPACITY		LOADING SILL HEIGHT		HOPPER LOADING WIDTH		HOPPER OPENING HEIGHT		CYCLE TIME	
y ³	m ³	inches	mm	inches	mm	inches	mm	Complete	Reload
3.94	3.01	3.8	97	80	2032	55	1397	16-18	6-7

BODY SPECIFICATIONS														
MODEL	BODY CAPACITY		OVERALL LENGTH		OVERALL LENGTH Tailgate Raised		OVERALL WIDTH		OVERALL HEIGHT Above Frame		OVERALL HEIGHT Tailgate Raised		GROSS WEIGHT Approximate	
	y ³	m ³	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	lbs.	kg.
F5000 - 18	18	13.7	225	5715	275	6985	96	2438	96	2438	208	5283	14,300	6,487
F5000 - 20	20	15.3	235	5969	285	7239	96	2438	96	2438	208	5283	14,600	6,623
F5000 - 25	25	19.1	270	6858	320	8128	96	2438	96	2438	208	5283	15,100	6,850
F5000 - 27	27	20.6	282	7163	332	8433	96	2438	96	2438	208	5283	15,500	7,031
F5000 - 32	32	24.4	310	7874	360	9144	96	2438	96	2438	208	5283	16,200	7,349

CYLINDERS																		
MODEL	TAILGATE RAISE (2)				PACKING BLADE (2) Double Acting				UPPER PANEL (2) Double Acting				EJECTION (1) Double Acting Telescopic					
	BORE		STROKE		BORE		STROKE		BORE		STROKE		MODEL	STAGES	BORE		STROKE	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm			inches	mm		
ALL	4	102	26	660	5.5	140	24	609	5	127	36	914	F5000-18	4	6	152	95.5	2426
													F5000-20	4	6	152	105.2	2672
													F5000-25	4	6	152	134.1	3406
													F5000-27	4	6	152	145.8	3703
													F5000-32	5	7	178	173.6	4410



HEIL ENVIRONMENTAL INDUSTRIES, LTD.
 A DOVER COMPANY



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