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HEIL HALF PACK™  
FRONT LOADER

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**It will change the way  
you think about refuse collection.**

**But that's only half the story.**



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*Putting you first keeps us first!*



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**A**sk any owner who operates a Heil Half Pack, and you'll get comments like:

*"I cut my trips to the landfill."*

*"I'm doing more work with fewer trucks."*

*"It saves me money every day in landfill disposal costs."*

*"We're carrying more container yards per trip and cutting collection time."*

They're talking about the Heil Half Pack. A versatile, high speed, 40 cubic yard unit that is setting new standards for route collection productivity.

## It's time to change.

Many haulers are changing to the Heil Half Pack. It carries more compacted material than conventional front loaders. In fact, many haulers are expanding their routes without expanding their fleet. Think of it this way. If the Heil Half Pack eliminates one landfill trip per day, imagine the savings in time, fuel, manpower and maintenance.



# High productivity. Low maintenance.

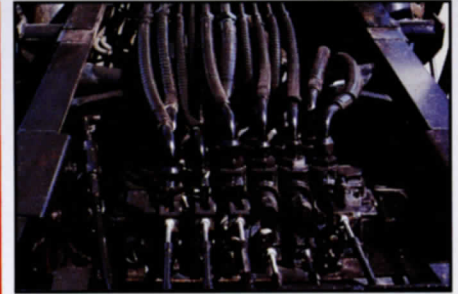
F E A T



**8,000 lb rated arms.**  
Cycle time 18-20 seconds. Handles 1-8 cubic yard containers.



**In-cab cable controls standard.**  
Arms, forks, body dump, packing, top door and tailgate functions are controlled by simple in-cab cable controls. Air controls optional.



**Centralized hydraulics.**  
All valves and pressure adjustments are centrally located for quick and easy maintenance. Maximum operating pressure 2,000 PSI.

# HEIL HALF PACK™ FRONT LOADER

## High speed. High compaction.

Our dump and packing cycle times are fast so you can load and go quickly and continue to pack while in route to your next stop.

## Low maintenance costs.

Serviceability is important. So is simplicity. We use double acting single stage cylinders for lower maintenance. One hydraulic pressure control is set without complicated valves and adjustments. And hydraulic lines are easily accessible for routine maintenance. Plus you get the largest parts, service and distributor network in the industry.

## Heil Half Pack.

It will make your collection easier.

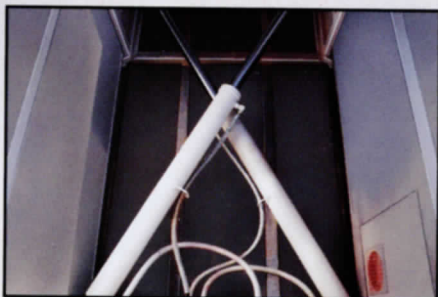


### Bustle Tailgate.

Adds 3 cubic yards of bonus capacity. Curved surface rolls and compacts material high into body for maximum payloads.

## aintenance. Proven performance.

U R E S



### Maximum packing force.

Crossed, double acting, single stage cylinders exert more effective packing force against the load, not the floor. Reduces packer track and floor wear.



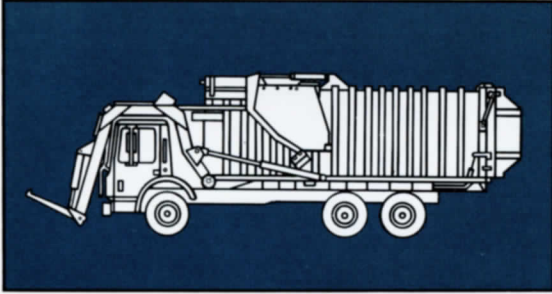
### Body supports.

Two body supports, one on each side, allow unloaded body to be raised and locked in place for routine maintenance. One lever operates body supports.



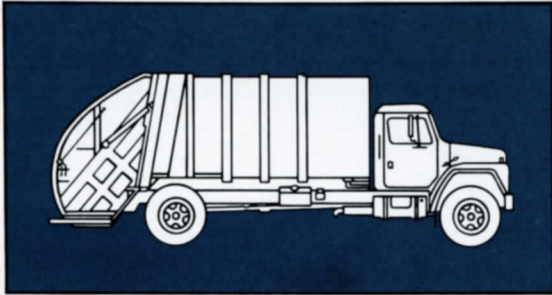
### Packer panel.

The packer panel moves smoothly on four guide tracks above the floor. Raised tracks prevent binding or jamming.



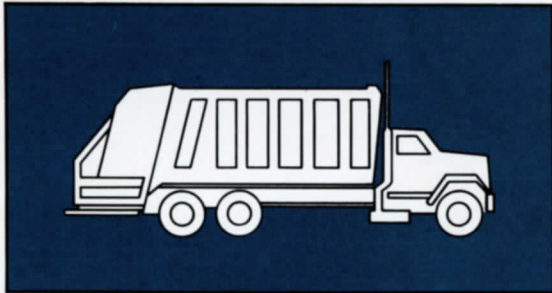
## **HEIL FULL/PACK™ FRONT LOADER**

Low maintenance, high productivity and proven performance.  
Body sizes available: 28, 31, 34 and 36 cubic yards.



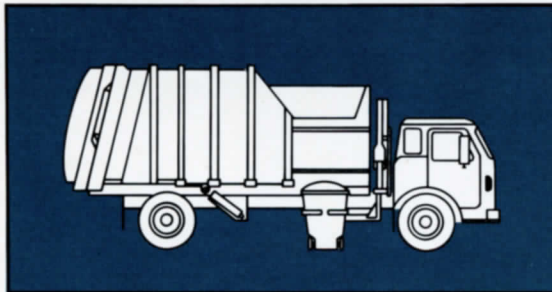
## **HEIL FORMULA 4000**

Best mid-range rear loader with proven performance and solid construction. Four body sizes: 16, 18, 20 and 25 yard bodies.



## **HEIL FORMULA 5000**

The industry's leading high compaction rear loader. Four body sizes available: 18, 20, 25 and 32 yard bodies.



## **HEIL 7000 SIDE LOADER**

All you need is an operator. Load and go in 8 seconds.  
Collects up to 1,100 homes per day. Two body sizes available:  
24 and 33 cubic yards.



**THE HEIL CO.**

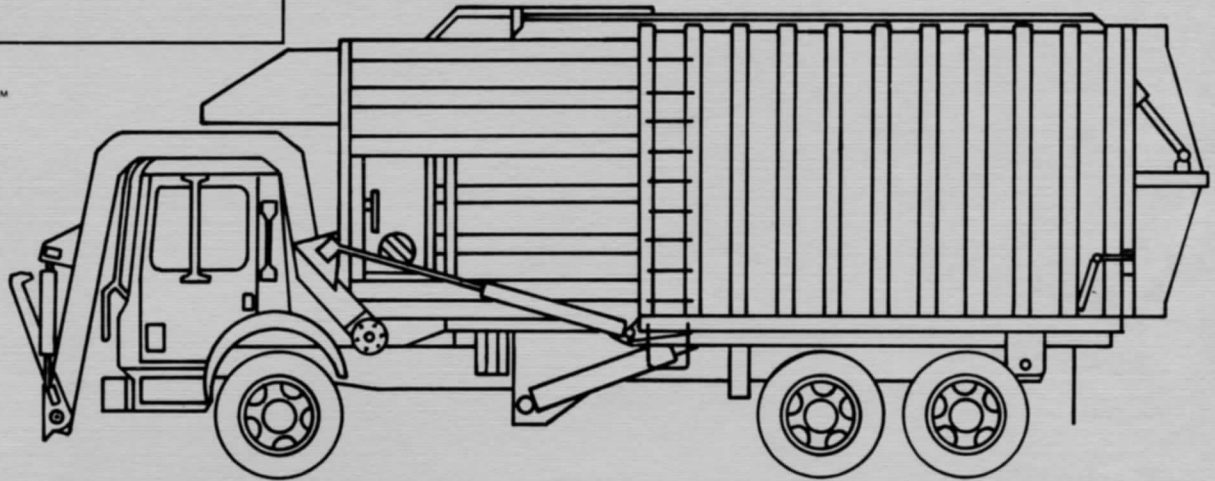
P.O. Box 8676 • Chattanooga, TN 37411  
Phone: (615) 899-9100

CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	Thickness	mm
Sides and roof - 5" x 3" formed channel	11 ga. <sup>(3)</sup>	127.0 x 76.2 x 3.0
Lower hopper sides	7 ga. <sup>(1)</sup>	4.6
Upper hopper	11 ga. <sup>(2)</sup>	3.0
Lower packing blade face	7 ga. <sup>(1)</sup>	4.6
Upper half packing blade face	11 ga. <sup>(2)</sup>	3.0
Packer slides wear plates (4)	½ x 3½ in. <sup>(4)</sup>	13.8 x 88.9
Packer tracks	¾ in. <sup>(2)</sup>	9.5
Body floor - Front	7 ga. <sup>(1)</sup>	4.6
Body floor - Rear	11 ga. <sup>(2)</sup>	3.0
Body sides	12 ga. <sup>(2)</sup>	2.7
Body roof	12 ga. <sup>(2)</sup>	2.7
Tailgate sides & back sheet	11 ga. <sup>(2)</sup>	3.0
Under body cross members	4 in. @ 5.4 lbs.	101.6 @ 2.4 kg.
13 in. (330.2mm) centers under hopper		
16 in. (406.4mm) centers rear body floor		
Body side & roof bracing		
15 in. (381.0mm) centers		
<sup>(1)</sup> Abrasion resistant, 100,000 psi min. yield.		
<sup>(2)</sup> 80,000 psi min. yield		
<sup>(3)</sup> 50,000 psi min. yield		
<sup>(4)</sup> 145,000 psi min. yield		

HYDRAULIC SPECIFICATIONS	
<b>PUMP</b>	
Type	Gear
Maximum operating pressure	2000 psi (13,790 kPa)
Working RPM	1500 approximate
GPM at specified cycle time	50 (189.3 liters/minute)
<b>OIL RESERVOIR</b>	
Tank capacity	34.5 gallons (130.6 liters)
Filters	100 Mesh reusable suction screen. 10 Micron return filter
<b>VALVES</b>	
Type	6 section stack valve 45 gallon (170.3 liters) @ 2000 psi. (13,790 kPa) Relief valve to prevent overload damage.

# Half Pack™

## FRONT LOADER



### BODY SPECIFICATIONS

MODEL	BODY CAPACITY		OVERALL LENGTH		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME		SIDE DOOR OPENING <sup>(d)</sup>	GROSS WEIGHT APPROXIMATELY		HOPPER OPENING		HOPPER CAPACITY				
	Yd. <sup>3</sup>	m <sup>3</sup>	In.	mm	In.	mm	In.	mm		In.	mm	Lbs.	kg		In.	mm	Yd. <sup>3</sup>	m <sup>3</sup>
HHP	28	21.4	336 <sup>(b)</sup>	8534	98¾	2499	108 <sup>(c)</sup>	2743	215 <sup>(b)</sup>	5461	24½x36½	622x927	19,500	8845	80x93	2032x2362	11.6	8.9

(a) Nominal (b) Arms up (c) Arms down (d) 894 sq. in. 0.58 m<sup>2</sup>

### CYLINDERS

PACKER 2 Double Acting		ARM 2 Double Acting		HOIST 2 Double Acting		FORKS 2 Double Acting		TOP DOOR 1 Double Acting		TAILGATE 2 Double Acting	
BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE
In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
6	152.4	63	1600.2	5	127.0	43¾	1111.2	6	152.4	45	1143.0
								4	101.6	24	609.6
								2½	63.5	94	2387.6
								3	76.2	25¼	641.4

### PERFORMANCE SPECIFICATIONS

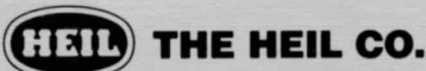
Container dump cycle time	18-20 seconds
Packer cycle time	28-30 seconds
Arms lifting capacity. Tested to 16,000 lbs.	8,000 lbs. (3,628.8 kg)
Compaction force	100,000 lbs. (45,360.0 kg)
Dumping angle	30°
Tapered body for easy unloading	1°
Clearance-Stop-Tail-Back up lamp	FMVSS 108

### CHASSIS REQUIREMENTS <sup>(1)</sup>

C/T TANDEM AXLE		RECOMMENDED GVWR <sup>(2)</sup>	
In.	mm	Lbs.	kg
167-177	4242-4496	62,000	28,123

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature 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 applicable is our standard written warranty for this product.

(1) Diesel engines require full variable speed governor.  
(2) Recommended GVWR is based on a 18,000 lb. (8,164.8 kg.) front axle.



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