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HEIL HALF/PACK<sup>®</sup>  
FRONT LOADER FULL EJECT

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**With a half,  
you get a whole lot more.**



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*Putting you first keeps us first!*

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**Full-eject convenience.**

If your application calls for a full-eject front loader, we have just the one. The Heil Half/Pack. Its smooth-operating, full-eject system lets you *push* the load out—without raising the body. And without worrying about dumping conditions. Or low clearance restrictions at transfer stations. Now, you can enjoy all the advantages of a Heil Half/Pack with the convenience of a full-eject system.

**Carries more container yards per load.**

You can pack more refuse into a Heil Half/Pack than other conventional front loaders. Much more. So you can cut your trips to the landfill. And save on labor, fuel and maintenance. But the best part is how the Heil Half/Pack will help you expand your service without expanding your fleet. Now you can do more with less trucks!



**Front-loading dependability**

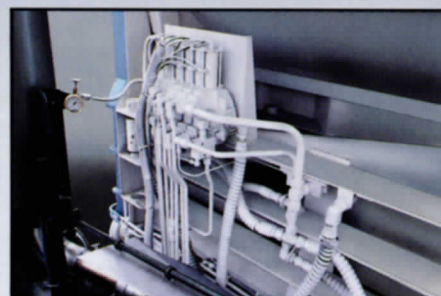
F E A T



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



**In-cab cable controls/ "Auto-Pack", standard.\***  
Driver can eject load without leaving the cab. Arms, forks and tailgate functions are controlled by simple in-cab controls. "Auto-Pack" operates packing cycle and full eject.  
\*Optional air controls shown.



**Centralized hydraulics.**  
All valve and pressure adjustments are located in the front of the body for quick and easy maintenance. Maximum operating pressure 2,500 PSI.

# FRONT LOADER FULL EJECT

## The Half with a whole lot more.

The Heil Half/Pack offers you more for the money. It offers more floor support from its heavy-duty, interlaced subframe. More speed from its faster arm and packing cycles. More dependability from its double-acting cylinders. And more peace of mind. Because Heil maintains the refuse industry's largest distributor network for parts and service.



**The Heil Half/Pack Full Eject. Carries more material than conventional front loaders.**

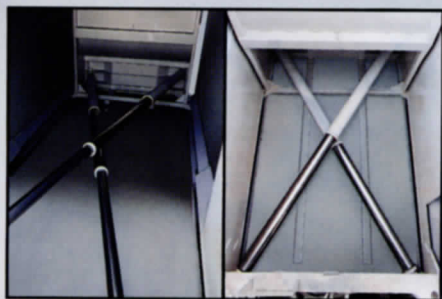


**Hydraulic latching and unlatching bustle tailgate.**

Driver can conveniently latch or unlatch tailgate without leaving the cab. Curved bustle tailgate rolls refuse for maximum payloads. Compression type tailgate seal is virtually leakproof.

## Quality. Full-eject convenience.

U R E S



### **Packing/full eject cylinders.**

Crossed, double-acting, telescopic cylinders exert direct packing force against the load for maximum payloads. Reduces packer track and floor wear. Same cylinders used for full eject.



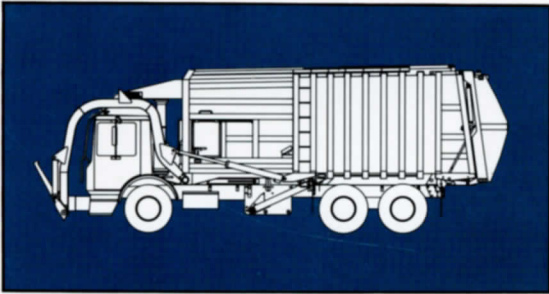
### **Curved packer/eject panel.**

The curve of the packer panel allows for high-density compaction. Panel slides on four guide tracks above the floor to prevent binding or jamming. Panel makes a full sweep of the body for a smooth, clean eject.



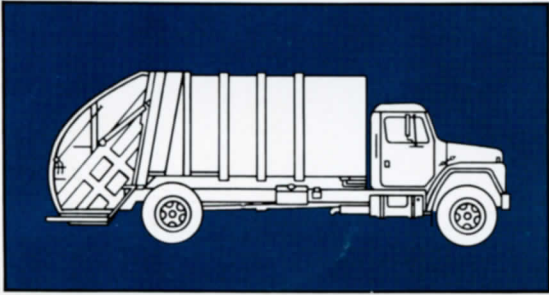
### **Sliding or hinged top door.**

Your choice of sliding or hinged top door. Sliding top door operates on command by separate in-cab controls. (Optional reinforced sliding door shown.) Hinged top door is sequenced with arm cycle.



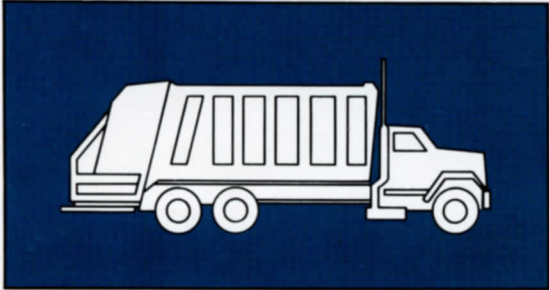
## **HEIL HALF/PACK® DUMPING MODEL**

Low maintenance, high compaction with many superior features. Body size: 28 cubic yard body.



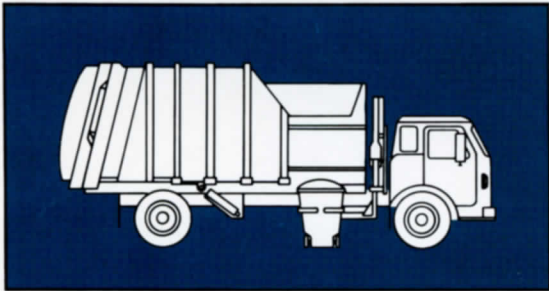
## **HEIL FORMULA 4000**

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. Three body sizes available: 18, 24 and 33 cubic yards.



**THE HEIL CO.**

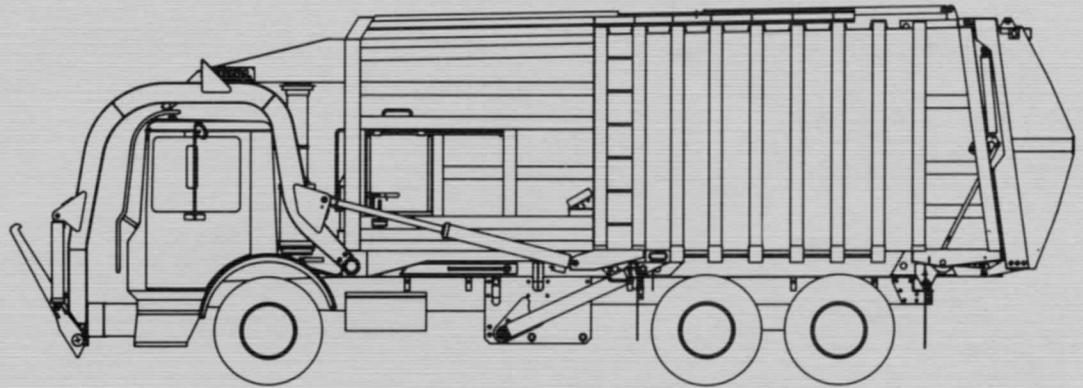
P.O. Box 8676 • Chattanooga, TN 37411  
Phone: (615) 899-9100  
FAX: (615) 855-3478

CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	Thickness	mm
Sides and roof - 5" x3" formed channel	11 ga. (2)	127.0 x 76.2 x 3.0
Lower hopper sides	3/16 in. (4)	4.6
Upper hopper sides	12 ga. (2)	2.7
Lower packing blade face	3/16 in. (4)	4.6
Upper half packing blade face	11 ga. (2)	3.0
Packer slides wear plates	3/8 x 3 1/2 in. (3)	9.5 x 88.9
Packer tracks	1/4 in. (2)	6.3
Hopper floor	1/4 in. (4)	6.3
Body Floor	3/16 in. (4)	4.6
Body sides	11 ga. (2)	3.0
Body roof	11 ga. (2)	3.0
Tailgate sides & back sheet	11 ga. (2)	3.0
Under body cross members	5"x4" formed channels 11 ga. (2)	127.0 x 101.6 x 3.0
Body side and roof bracing	15 in. (381.0 mm) centers	
(1) Abrasion resistant. 100,000 psi min. yield		
(2) 80,000 psi min. yield		
(3) 145,000 psi min. yield		
(4) 150,000 psi min. yield RQC 321		

HYDRAULIC SPECIFICATIONS	
<b>PUMP</b>	
Type	Gear
Maximum operating pressure	2500 psi (17,238 KPA)
Working RPM	1400 approximate
GPM at specified cycle time	50 (189.3 liters/minute)
<b>OIL RESERVOIR</b>	
Tank capacity	30 gallons (113.5 liters)
Filters	100 Mesh reuseable suction screen 10 Micron return filter
<b>VALVES</b>	
Type	6 section stack valve 50 gallon (170.3 liters) @ 2500 psi (17,238 KPA) Relief valve to prevent overload damage.

# Half Pack™

FRONT LOADER  
STANDARD DUMPING  
MODEL



### BODY SPECIFICATIONS

MODEL	BODY CAPACITY		OVERALL LENGTH		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME				SIDE DOOR OPENING(d)		GROSS WEIGHT APPROXIMATELY		HOPPER OPENING		HOPPER CAPACITY(a)	
	Yd. (3)	m <sup>3</sup>	In.	mm	In.	mm	BODY LOWERED		BODY RAISED		In.	mm	Lbs.	kg	In.	mm	Yd. (3)	m <sup>3</sup>
HHP	28	21.4	348 (b)	8839	96	2438	106(c)	2692	215	5461	24 1/2x32 1/8	622x815	17,470	7924	80 x 93	2032 x 2362	12	9.2

(a) Nominal

(b) Arms up

(c) Arms down

(d) 775 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
5 1/2	139.7	63	1600.2	4 1/2	114.3	41 1/2	1054	5	127	45	1143
								4	101.6	25	635
								2 1/2	63.5	94	2387.6
								3	76.2	25 1/4	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	105,000 lbs. (47,727 kg)
Dumping angle	30°
Tapered body for easy unloading	1°
Clearance-Stop-Tail-Back up lamp	FMVSS 108

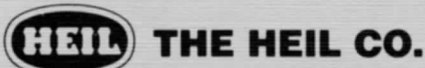
### CHASSIS REQUIREMENTS(1)

W/B TANDEM AXLE		RECOMMENDED GVWR(2)	
In.	mm	Lbs.	kg
197 or 210	5004 or 5334	62,000	28,123

(1) Diesel engines require full variable speed governor.

(2) Recommended GVWR is based on a 18,000 lb. (8,164.8 kg.) front axle.

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 is our standard written warranty for this product.



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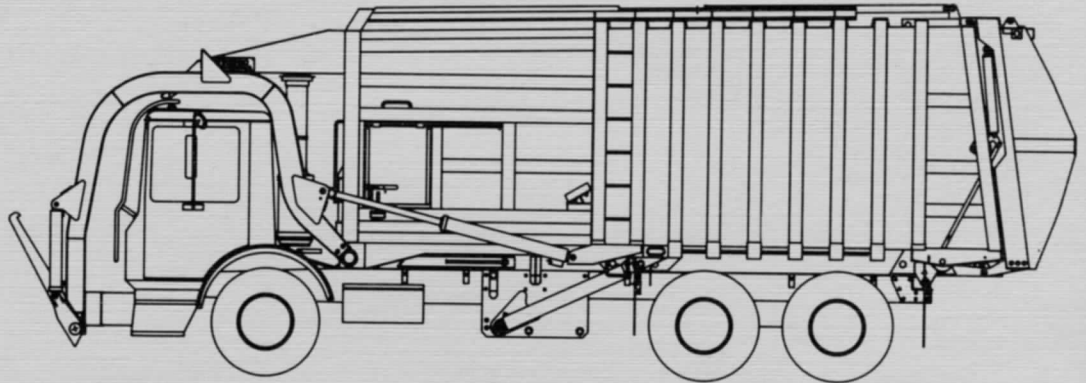
SWS-73110-1-89

CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	Thickness	mm
Sides and roof - 5" x 3" formed channel	11 ga. (2)	127.0 x 76.2 x 3.0
Lower hopper sides	7 ga. (1)	4.6
Upper hopper sides	12 ga. (2)	2.7
Lower packing blade face	3/16 in. (4)	4.6
Upper half packing blade face	11 ga. (2)	3.0
Packer slides wear plates	3/8 x 3 1/2 in. (3)	9.5 x 88.9
Packer tracks	1/4 in. (2)	4.6
Hopper floor	3/16 in. (4)	6.3
Body Floor	3/16 in. (4)	4.6
Body sides	12 ga. (2)	2.7
Body roof	12 ga. (2)	2.7
Tailgate sides & back sheet	11 ga. (2)	3.0
Under body cross members	5" x 4" formed channels 11 ga.(2)	127.0 x 101.6 x 3.0
Body side and roof bracing	15 in. (381.0 mm) centers	
(1) Abrasion resistant, 100,000 psi min. yield		
(2) 80,000 psi min. yield		
(3) 145,000 psi min. yield		
(4) 150,000 psi min. yield RQC 321		

HYDRAULIC SPECIFICATIONS	
<b>PUMP</b>	
Type	Gear
Maximum operating pressure	2500 psi (17,238 KPA)
Working RPM	1400 approximate
GPM at specified cycle time	50 (189.3 liters/minute)
<b>OIL RESERVOIR</b>	
Tank capacity	30 gallons (113.5 liters)
Filters	100 Mesh reusable suction screen 10 Micron return filter
<b>VALVES</b>	
Type	6 section stack valve 50 gallon (170.3 liters) @ 2500 psi (17,238 KPA) Relief valve to prevent overload damage.

# Half Pack™

FRONT LOADER  
LITE WEIGHT  
DUMPING MODEL



BODY SPECIFICATIONS										
MODEL	BODY CAPACITY Yd. <sup>3</sup> m <sup>3</sup>	OVERALL LENGTH In. mm	OVERALL WIDTH In. mm	OVERALL HEIGHT ABOVE FRAME		SIDE DOOR OPENING <sup>(d)</sup> In. mm	GROSS WEIGHT APPROXIMATELY		HOPPER OPENING In. mm	HOPPER CAPACITY <sup>(a)</sup> Yd. <sup>(3)</sup> m <sup>(3)</sup>
				BODY LOWERED In. mm	BODY RAISED In. mm		Lbs.	kg		
HHP	28 21.4	348 (b) 8839	96 2438	106(c) 2692	215(b) 5461	24 1/2x32 1/8 622x815	16,360	7436	80 x 93 2032 x 2362	12 9.2
(a) Nominal		(b) Arms up		(c) Arms down		(d) 775 sq. in. 0.50 m <sup>(2)</sup>				

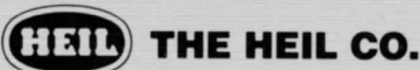
CYLINDERS											
PACKER 2 Double Acting		ARM 2 Double Acting		HOIST 2 Double Acting		FORKS 2 Double Acting		TOP DOOR 1 Double Acting		TAILGATE 2 Double Acting	
BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE
In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm
5 1/2 139.7	63 1600.2	4 1/2 114.3	41 1/2 1054	5 127	45 1143	4 101.6	25 635	2 1/2 63.5	94 2387.6	3 76.2	25 1/4 641.4

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	105,000 lbs. (47,727 kg)
Dumping angle	30°
Tapered body for easy unloading	1°
Clearance-Stop-Tail-Back up lamp	FMVSS 108

CHASSIS REQUIREMENTS <sup>(1)</sup>			
W/B TANDEM AXLE		RECOMMENDED GVWR <sup>(2)</sup>	
In.	mm	Lbs.	kg
197 or 210	5004 or 5334	62,000	28,123

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

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 is our standard written warranty for this product.

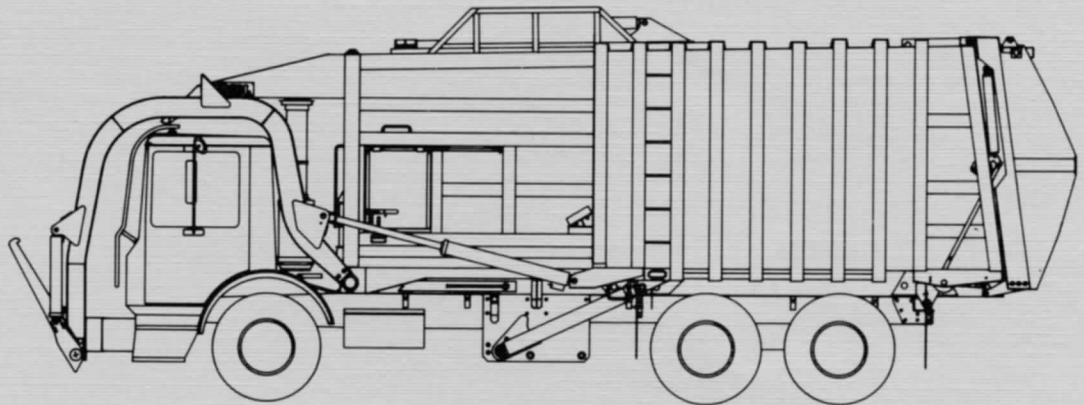


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CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	Thickness	mm
Sides and roof - 5" x3" formed channel	11 ga. (2)	127.0 x 76.2 x 3.0
Lower hopper sides	3/16 in. (4)	4.6
Upper hopper sides	12 ga. (2)	2.7
Lower packing blade face	3/16 in. (4)	4.6
Upper half packing blade face	11 ga. (2)	3.0
Packer slides wear plates	3/8 x 3 1/2 in. (3)	9.5 x 88.9
Packer tracks	1/4 in. (2)	6.3
Hopper floor	1/4 in. (4)	6.3
Body Floor	3/16 in. (4)	4.6
Body sides	11 ga. (2)	3.0
Body roof	11 ga. (2)	3.0
Tailgate sides & back sheet	11 ga. (2)	3.0
Under body cross members	5"x4" formed channels 11 ga. (2)	127.0 x 101.6 x 3.0
Body side and roof bracing	15 in. (381.0 mm) centers	
(1) Abrasion resistant. 100,000 psi min. yield		
(2) 80,000 psi min. yield		
(3) 145,000 psi min. yield		
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HYDRAULIC SPECIFICATIONS	
<b>PUMP</b>	
Type	Gear
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Working RPM	1400 approximate
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<b>OIL RESERVOIR</b>	
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Filters	100 Mesh reuseable suction screen 10 Micron return filter
<b>VALVES</b>	
Type	6 section stack valve 50 gallon (170.3 liters) @ 2500 psi (17,238 KPA) Relief valve to prevent overload damage.

**Half Pack™**  
FRONT LOADER  
STANDARD DUMPING  
MODEL  
WITH  
HINGED TOP DOOR



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 <sup>(*)</sup>				
	Yd. <sup>3</sup>	m <sup>3</sup>	In.	mm	In.	mm	Body Lowered	Body Raised			Lbs.	kg		In.	mm	Yd. <sup>(3)</sup>	m <sup>(3)</sup>
HHP	28	21.4	348 (b)	8839	96	2438	111(c)	2820	215(b)	5461	24 1/2x32 1/8	622x815	18,030	8196	80 x 108 2032 x 2743	12	9.2

(a) Nominal (b) Arms up (c) Arms down (d) 775 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	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
5 1/2	139.7	63	1600.2	4 1/2	114.3	41 1/2	1054	5	127	45	1143	4	101.6	25	635	4	101.6	24	609.6	3	76.2	25 1/4	641.4

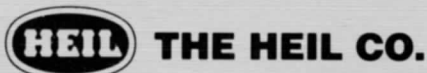
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Compaction force	105,000 lbs. (47,727 kg)
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