



SOLID QUALITY

Half/Pack™

FRONT LOADER



High Productivity

- Exceptionally fast with 18-20 second dump cycle time, and 28-30 second packing cycle time.
- Large 40 yard body and 100,000 pound compaction force yield payloads up to 700 pounds per cubic yard.
- Tapered body design and 30° dump angle provide fast, efficient, stable unloading.
- 8000 pound rated lift arms carried atop body, and low profile sliding hopper door give increased visibility and maneuverability.

Low Maintenance

- One hydraulic pressure setting is easily set and maintained by a mechanic, without complicated valve sequences and adjustments.
- Compaction is achieved with two low maintenance, jam proof double-acting single-stage cylinders.
- High tensile strength steel, and continuous seam welding of the body sides and hopper for maximum strength and long life.
- Clean design of all components and hydraulic lines provide easy access for routine maintenance.
- All cylinders are single stage for ease of maintenance.

Proven Performance

- Manufactured by the industry's leading supplier of mobile refuse equipment and supported by the largest parts, service and distributor network in the business.



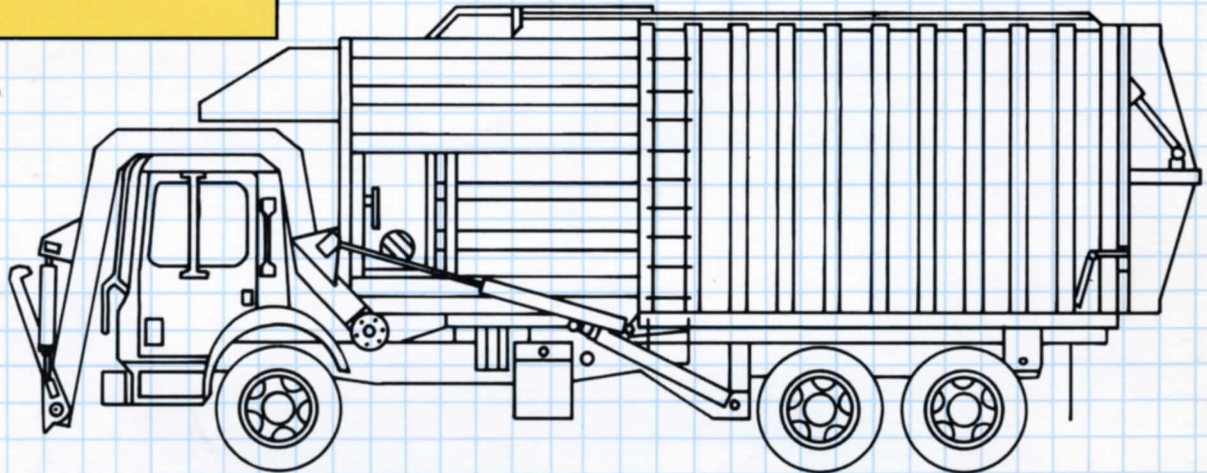
The Heil Half/Pack™ is the future in front loaders, here today. It is faster, packs a greater payload and costs less to maintain than competitive conventional front loaders.

Independent tests by commercial haulers have shown the Half/Pack™ will pack up to 30% more per load, can cut route collection time by as much as 20%, and reduce maintenance costs by thousands of dollars a year. Less time per route, less time driving to and from the land fill and less time in the shop adds up to more profit for you.

CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	Thickness	mm
Sides and roof - 5" x 3" formed channel	11 ga. ⁽³⁾	127.0 x 76.2 x 3.0
Lower hopper sides	7 ga. ⁽¹⁾	4.6
Upper hopper	11 ga. ⁽²⁾	3.0
Lower packing blade face	7 ga. ⁽¹⁾	4.6
Upper half packing blade face	11 ga. ⁽²⁾	3.0
Packer slides wear plates (4)	½ x 3½ in. ⁽⁴⁾	13.8 x 88.9
Packer tracks	¾ in. ⁽²⁾	9.5
Body floor - Front	7 ga. ⁽¹⁾	4.6
Body floor - Rear	11 ga. ⁽²⁾	3.0
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	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		
⁽¹⁾ Abrasion resistant. 100,000 psi min. yield.		
⁽²⁾ 80,000 psi min. yield		
⁽³⁾ 50,000 psi min. yield		
⁽⁴⁾ 145,000 psi min. yield		

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

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BODY SPECIFICATIONS																		
MODEL	CAPACITY		OVERALL LENGTH		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME		SIDE DOOR OPENING ^(d)	GROSS WEIGHT APPROXIMATELY	HOPPER OPENING		HOPPER CAPACITY					
	Yd. ³	m ³	In.	mm	In.	mm	Body Lowered	Body Raised			In.	mm		In.	mm	Yd. ³	m ³	
HHP-40	40 ^(a)	30.6	336 ^(b)	8534	98¾	2499	108 ^(c)	2743	215 ^(b)	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 ²		

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										
In. mm	In. mm	mm	In. mm	In. mm	mm	In. mm	In. mm	mm	In. mm	In. mm	mm	In. mm	In. mm	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 ⁽¹⁾			
C/T TANDEM AXLE		RECOMMENDED GVWR ⁽²⁾	
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.

HEIL THE HEIL CO.

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