



# DPF Formula<sup>®</sup> 7000



**Style And Efficiency  
In Automated Collection**

*A Member Of The*

**DuraPack<sup>™</sup> Family**



DuraPack™ Family

# Formula® 7000

## Setting A M

For almost two decades automated collection systems like the Formula 7000 have been the most Dependable. Fast. Easy

Now we've combined the best refuse bodies ever designed

Heil. Clean

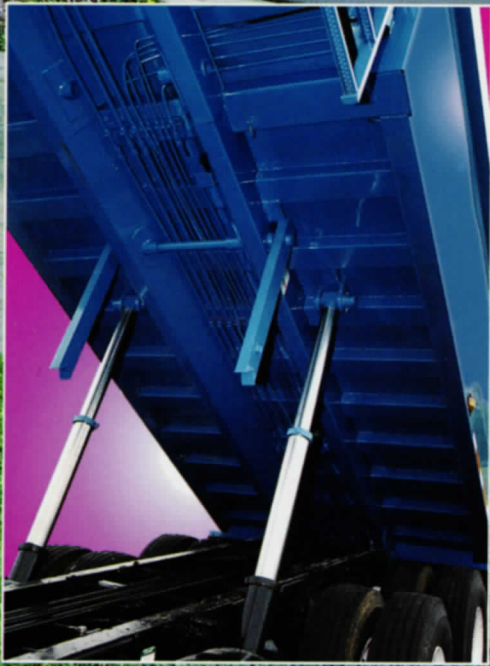
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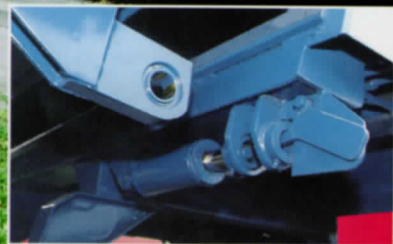
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### Stronger Than Ever

Heil's famous interlaced subframe is even better than before. The DPF subframe has more crossmembers, evenly spaced, and all fully welded for greater strength and superior resistance to corrosion.



### Looking Out For Your Safety

Safety is always a top priority with Heil, with features like the Shur-Lock tailgate system. The tailgate can be unlocked, raised, lowered and locked again all from inside the cab.

### Maintenance

Critical valves and components are readily accessible. The DPF Formula 7000, from the street side of the truck. The side access doors and clean-out door are also accessible for easy service, keeping the DuraPack™ Family making life easier for h



# New Standard For Automated Collection.

Heil has been the undisputed leader in automated systems, setting the standard with refuse trucks like the Formula® 7000. In all that time, we've learned a thing or two about automated systems. Like the Formula® 7000 lift. It's easy to Operate.

That's not all. We've put that trusted technology with the most advanced design – the new DuraPack™ Family bodies from Heil. It's rugged and stylish, the sidewall of the DuraPack™ body is made from a single sheet of steel, and it's welded horizontally so that packing forces work with the grain of the steel for less wear and longer life.

That's just the beginning. The DPF body features a fully welded interlaced subframe;

protected and concealed hydraulic tubes; strategically located pumps and valves for easier service; and a lower overall profile which also means improved center of gravity.

Pleasing to the eye, a pleasure to operate, and productive, too. With its high pressure, twin packing cylinders, the DPF Formula® 7000 packs a load like no other automated system. That means you'll get more stops between trips to the landfill, and a profit curve that rises like a 7000 lift — quickly and dependably.

If you're still thinking one-man, automated collection is in some distant future, it's time to take a closer look at the DPF Formula® 7000. With its perfect blend of experience and innovation, the future is a lot closer than you think.



Easy to Operate. Service friendly connections are visible on the side of the hopper. The hopper and the hopper also located with the hopper. The hopper goal of Heil users.



## Easy Operation

Pneumatic controls are simple and straight forward, operated by three in-cab levers.



## Proven Reliability

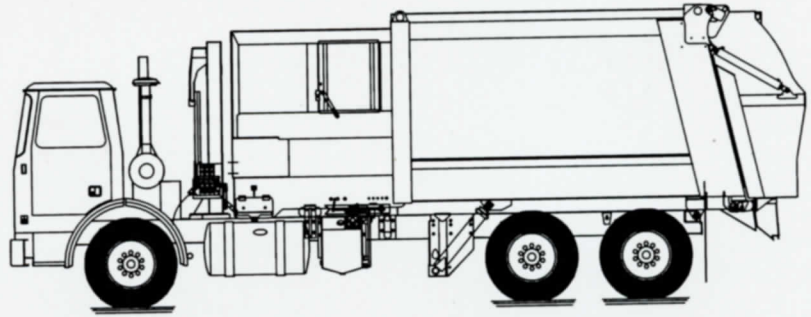
The dependable Formula® 7000 lift has a 72-inch reach, 2,000 lbs. lift capacity, and a fast cycle time of less than 8 seconds. A variety of container grabbers are available. The popular Universal grabber, shown here, can handle containers from 90 to 300 gallons.



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

## DuraPack Family Formula® 7000

Automated  
Side Loader



LIFT SPECIFICATIONS	
Lift loading capacity	2,000 lbs. (907 Kg)
Cycle time	8 seconds approximate
Frame	80,000 psi yield
Reach	72 in. (1829 mm) from side of body to centerline of 90 gal. container
Ground clearance	13 in. (330 mm) empty
Overall width	Within 96" (2438 mm) legal limit with lift in storage position
Weight*	1,500 lbs. (680 Kg) approximate
Mounting length	18 in. (457 mm)
Controls	In-cab, three lever air
* Weight includes standard 60/90 gallon grabbers	

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 time of shipment.

CONSTRUCTION SPECIFICATIONS		
High Tensile Steel	Thickness	mm
Body Sides	10 ga. (1)	3.4
Body Roof	11 ga. (1)	3.0
Body Floor	3/16 in. (3)	4.8
Body Longitudinal	7 ga. (1)	4.5
Body Floor Reinforcement	10 ga. (1)	3.4
Tailgate Rear Panel	10 ga. (1)	3.4
Tailgate Sides	10 ga. (1)	3.4
Hopper Floor	1/4 in. (3)	6.3
Hopper Sides	3/16 in. (3)	4.8
Packing Panel Face	1/4 in. (1)	6.3
Spill Shield	10 ga. (1)	3.4
(1) 80,000 psi min. yield (2) 100,000 psi min. yield BHN 100 (3) 150,000 psi min. yield BHN 321		

BODY SPECIFICATIONS																				
MODEL	BODY CAPACITY		HOPPER CAPACITY		OVERALL LENGTH		OVERALL LENGTH (Tailgate Raised)		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME			GROSS WEIGHT (approx)						
	Yd <sup>3</sup>	m <sup>3</sup>	Yd <sup>3</sup>	m <sup>3</sup>	Inches	mm	Inches	mm	Inches	mm	Body Lowered	Body Raised	Tailgate Raised	Dumping	Eject					
											In.	mm	In.	mm	In.	mm	lbs.	kg	lbs.	kg
DPF7-26	26	19.3	4	3.0	274	6960	312	7976	96	2438	103	2616	190	4826	180	4560	14,400	6532	14,100	6396
DPF7-28	28	21.4	4	3.0	284	7214	342	8687	96	2438	103	2616	190	4826	180	4560	14,600	6623	14,300	6487
DPF7-33	33	25.2	4	3.0	324	8103	382	9703	96	2438	103	2616	190	4826	180	4560	15,300	6940	14,900	6759

CHASSIS REQUIREMENTS							
MODEL	MIN. GVWR	MIN. GAWR		USABLE CT	WHEELBASE (Approx.)	MIN. PF	
		Front	Rear			Dump	Eject
DPF7-26	56,000	18,000	38,000	180" ± 6"	203" ± 6"	240"	250"
DPF7-28	58,000	18,000	40,000	192" ± 3"	215" ± 3"	250"	260"
DPF7-33	62,000	18,000	44,000	198" ± 3"	221" ± 3"	285"	295"

- Chassis must have front engine crankshaft adapter for optional piston pump and front drive gear pumps.
- Diesel engines require full variable-speed governor.
- 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 The Heil Company.

• Units equipped with *optional* Piston Pump and Proportional Controls have 5 year warranty on all cylinders and 2 year lift structure warranty.

HYDRAULIC SPECIFICATIONS			
<b>PUMP</b>			
Type: Front Mount	Tandem Gear (piston optional)		
Maximum Operating pressure	2500 psi (17,238 KPA)		
Working RPM	1500 approx. (1000 with optional piston pump)		
GPM at Working RPM	25/15 GPM (97/57 liters/min.) approximate		
<b>OIL RESERVOIR</b>		<b>Chassis frame mounted</b>	
Tank Capacity	57 gallons (216 liters)		
Filters	Return line 6 micron, 140 micron suction strainer		
<b>VALVES</b>			
Packing Control	Electric solenoid, push button operated		
Tailgate/Tailgate Locking, Body Raise	Air operated toggle		
<b>CYLINDERS</b>		<b>type</b>	<b>inches (Bore x Stroke) mm</b>
Tailgate Raise	(2) double acting	3.0 x 35.25	76 x 718
Packer (dumping model)	(2) double acting	5.5 x 63	140 x 1600
Packer/Ejector (eject model)	(2) double acting	5.5 x 151	140 x 3835
Tailgate Locking	(2) double acting	3.0 x 3.625	76 x 92
Body Hoist (dumping model)	(2) single acting	4.0 x 56	102 x 1422
<b>LIFT CYLINDERS</b>		<b>type</b>	<b>inches (Bore x Stroke) mm</b>
Extend/Retract	(1) double acting	3.0 x 30.5	76 x 775
Dump/Return	(1) double acting	3.0 x 27.5	76 x 699
Grabber	(1) double acting	3.0 x 11	76 x 279

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