



DuraPack[®] 7000

Automated Side Loader



DuraPack® 7000

The undisputed leader in automated collection!

Heil has been the undisputed leader in automated collection systems for more than two decades, setting the standard with refuse vehicles like the Formula® 7000. By combining the features of the Formula 7000 that made it dependable, fast, and easy to operate with the advanced DuraPack body, we've proudly developed the next generation automated collection unit — the **DuraPack 7000**.

Clean and stylish, the sidewall of the DuraPack® body is made from a single sheet of steel turned horizontally. This enables the packing forces to work with the grain of the steel for less wear and longer life. The **DuraPack 7000** body features a fully welded interlaced subframe, easy to service shoes and bearings, 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.

The **DuraPack 7000** is not just pleasing to the eye and a pleasure to operate; it is highly productive, too. With its high pressure, twin packing cylinders, it packs a load like no other automated system. That means you'll collect more between trips to the disposal site, and realize a profit curve that rises like a 7000 lift: quickly and dependably.

To learn more about Heil's automated collection units, like the proven **DuraPack 7000**, contact your local Authorized Heil Dealer. To find the Dealer nearest you, visit www.heil.com.





Automation That's Easy and Efficient

The **DuraPack® 7000** is an ideal addition to any automated collection fleet with challenging routes and a long distance to the disposal site.

- **Leakage Prevention** — Our Shur-Lock™ tailgate lock system not only keeps payloads secure but also enables the operator to unlock and open the tailgate from the safety of the cab.
- **CNG Ready** — Add CNG storage tanks to your **DuraPack 7000** for alternate fuel options. Tanks can be strategically integrated into the body for minimum height and wheelbase.
- **Superior Filtration** — Our 3-micron filtration system keeps oil cleaner and extends the life of hydraulic components. Other manufacturers use 10-micron filtration, which can allow particulate matter to damage the hydraulic system.
- **Service Smart™ Design** — Critical valves and connections are readily accessible from the street side of the hopper. The side access door and the clean-out door are also located for easy service, in keeping with Heil's goal of making routine maintenance and operation easier for customers.

Contact your local Authorized Heil Dealer today to request a DuraPack 7000 demo!

Interlaced Subframe

Heil's famous interlaced subframe is even better than before. The **DuraPack® 7000** subframe has more cross-members, all evenly spaced and all fully welded for greater strength and superior resistance to corrosion.



Shur-lock™ Tailgate Locks

The Shur-Lock™ tailgate system can be unlocked, raised, lowered, and locked again all from the safety of the cab. Reflective indicator tags, visible from the cab's mirrors, confirm when the tailgate is sealed.



Pneumatic Controls

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



7000 Automated Lift

The dependable **DuraPack 7000** lift has a 72-inch reach, 1,600 pounds of lift capacity, and a cycle time of 8 seconds. A variety of container grabbers are available. The popular Universal grabber, shown here, can handle containers from 90 to 400 gallons.





DuraPack® 7000

Automated Side Loader Product Specifications

Performance Specifications	
Lift Load Capacity	up to 1,600 lbs.
Lift Cycle Time*	8 seconds
Lift Reach	6 ft.
Compaction	Up to 900 lbs. per yd ³
Working RPM	750 (operate-in-gear-at-idle)

* Complete cycle time defined as grip, dump, return and release

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 Statement for this product at the time of shipment.

Cylinders Specifications			
BODY CYLINDERS	Type	Bore x Stroke	
Tailgate Raise	(2) Double acting	in.	3.0 x 35
		mm	76 x 889
Packer Blade	(2) Double acting	in.	5.5 x 6.3
		mm	140 x 1600
Packer/Ejector (eject model)	(1) Double acting 3-stage telescopic	in.	(26) 5.5 x 141
			(28) 5.5 x 151
			(33) 5.5 x 181
		mm	(26) 140 x 3581 (28) 140 x 3835 (33) 140 x 4597
Tailgate Locking	(2) Double acting	in.	3.0 x 3.625
		mm	76 x 92
Body Hoist (dump model)	(2) Single acting 2 stage telescopic	in.	4.5 x 55
		mm	114 x 1397
LIFT CYLINDERS			
Reach	(1) Double acting	in.	3.0 x 30.5
		mm	80 x 406
Grab	(1) Double acting	in.	3.0 x 27.5
		mm	80 x 203
Lift	(1) Double acting	in.	3.0 x 11.0
		mm	80 x 406

Chassis Requirements *		22 yd ³	24 yd ³	26 yd ³	28 yd ³	33 yd ³
Min. GVWR		52,000	52,000	56,000	58,000	62,000
Min. GAWR	front	18,000	18,000	18,000	18,000	18,000
	rear	34,000	34,000	38,000	40,000	44,000
Usable CT	in.	177 ± 3	189 ± 3	177 ± 3	189 ± 3	201 ± 3
C.O.E Wheelbase	in.	200 ± 3	212 ± 3	200 ± 3	212 ± 3	224 ± 3
Min. Platform	dump	240	250	240	250	285
	eject	250	260	250	260	295

- * Additional Requirements
- 425 ft.-lbs. recommended engine torque at pump shaft at idle.
 - Neutral signal, brake signal, and R-stator signal dedicated for body builder use in cab.
 - 130 amp alternator - minimum.

Body Specifications		22 yd ³	24 yd ³	26 yd ³	28 yd ³	33 yd ³	
Body Capacity	yd ³	22	24	26	28	33	
	m ³	16.8	18.3	19.3	21.4	25.2	
Hopper Capacity	yd ³	5.2	5.2	5.2	5.2	5.2	
	m ³	4.0	4.0	4.0	4.0	4.0	
Overall Length	in.	255	265	274	284	319	
	mm	6,477	6,731	6,960	7,214	8,103	
Overall Length (Tailgate Raised)	in.	332	342	332	342	382	
	mm	8,433	8,687	8,433	8,687	9,703	
Overall Width	in.	96	96	96	96	96	
	mm	2,438	2,438	2,438	2,438	2,438	
Overall Height Above Frame	body lowered	in.	103	103	103	103	
		mm	2,616	2,616	2,616	2,616	2,616
	body raised	in.	190	190	190	190	190
		mm	4,826	4,826	4,826	4,826	4,826
	tailgate raised	in.	180	180	180	180	180
		mm	4,560	4,560	4,560	4,560	4,560
Gross Weight (Route Ready)	lbs.	16,000	16,200	16,300	16,700	18,000	
	kg.	7,260	7,350	7,400	7,580	8,170	

Hydraulic Specifications	
PUMP	Operate-In-Gear-At-Idle (standard)
Type	Tandem Vane (front mount)
Maximum Operating Pressure	2,500 psi (17,238 kPa)
Working RPM	750 RPM approx.
GPM at Working RPM	25/15 GPM (97/57 liters/min.)
OIL RESERVOIR	Chassis frame mounted
Gross Capacity	50 gallons (190 liters)
Filters	Return line 3 micron, 140 micron suction strainer
VALVES	
Packing Control	Electric, push button operated
Tailgate / Tailgate Locking, Body Raise	Air operated toggle

Automated Lift Specifications	
Lift load capacity	1,600 lbs. (907 kg)
Cycle time	8 seconds @ idle
Reach	6 ft. (1829 mm) from side of body to centerline of container
Ground clearance	13 in. (330 mm) empty
Overall width	Within 96 in. (2438 mm) legal limit with lift in stowed position
Weight*	1,500 lbs. (680 kg) approx.
Mounting height	18 in. (457 mm)
Controls	In-cab, 3 lever air

* Weight includes standard 60/90 gallon grabbers

CONTACT YOUR LOCAL DEALER



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