



# Retriever™ Satellite

Compact Manual Side Loader



# Retriever™ Satellite

Bigger isn't always better.

For parks and recreation areas, airports, tight alleys, gated communities, zoos, beaches, and other routes where a full-size refuse collection vehicle just won't fit, Heil's **Retriever™ Satellite** side loader gets the job done.

Available in 6 and 10 cubic yard models, the **Retriever's** small size and exceptional maneuverability lets it move in and out of tricky areas quickly. The smaller chassis means it is exempt from Federal Excise Tax (FET), providing non-municipal customers the equivalent of a 12 percent savings.

The **Retriever Satellite** is also easy to operate, with no Commercial Driver's License (CDL) required. This makes it a great choice for collecting missed stops, operation by park personnel, and managing pickups on beach properties where a CDL operator may not be available. It is also versatile to use as a fleet back-up vehicle.

The **Retriever's** unique double-packing system delivers compaction rates up to 700 pounds per cubic yard with a cycle time of just 14 to 16 seconds. Once the body is full, there's no need to travel all the way to the disposal site. Simply unload the payload into a full-sized rear loader using the Retriever's optional patented transfer system.

The **Retriever's** curved body shell resists corrosion and makes decal application easy, keeping it looking great longer than other designs. The floor is made of high-tensile steel to stand up against the toughest trash. The roof is designed with an arch so water rolls right off, eliminating potential rust areas to provide longer life.

To learn more about the **Retriever Satellite's** innovative features, contact your Authorized Heil Dealer. To find the Dealer nearest you, visit [www.heil.com](http://www.heil.com).







Shown with transfer payload option.

## Small Package, Big Features

Big features make the durable, low-maintenance, and operator-friendly **Retriever™ Satellite** an ideal solution for small spaces:

- **Extra Packing Power** — The unique double-packing system delivers compaction rates up to 700 pounds per cubic yard with a cycle time of just 14 to 16 seconds.
- **Collect from Either Side** — Dual hopper doors enable efficient loading from either side, so operators can collect from both sides of the truck in traffic-free areas such as alleys and parks.
- **Transfer Payload** — A patented transfer system enables you to simply transfer your payload from the **Retriever** to a full-size rear loader.
- **Flexible Solutions** — Cart tippers can be added to one or both hopper openings for semi-automated collection. New electric push-button controls on the sides and rear of the body are accessible and easy to use. Emergency stop buttons are also located at all three locations.
- **Self-Closing Tailgate** — The seal on the self-closing tailgate has been designed to virtually eliminate leakage, so the only trail the **Retriever** leaves behind is a string of empty refuse containers.

## Dual Push Button Controls

*Three sets of dual electric auto-pack pushbutton controls, conveniently located on both sides at the front of body and on the rear left side, are accessible, durable, and easy to use. Emergency stop buttons are also located at all three locations.*



## Service Smart™ Access

*The **Retriever's** hydraulic and electrical systems are easy to reach. Dual Service Smart™ front-head access covers make it easy to access and install ram cylinders, while remote grease fittings enable convenient pin lubrication.*



## 2-7/8-inch Diameter Rollers

*2-7/8-inch diameter rollers provide an increased wear surface and are housed in the track to prevent body side wear.*



## Steel Access Covers

*Two Service Smart™ steel access covers with grab handles enable cleaning through the front head.*





# Retriever™ Satellite

## Compact Manual Side Loader Product Specifications

Performance Specifications	
Compaction	up to 700 lbs. per yd <sup>3</sup>
Hopper Size	0.75 yd <sup>3</sup>
Packing Cycle Time	14-16 seconds
FET Exempt	Yes
Operator CDL Exempt	Yes
Transfers Load into Full Size Rear Loader*	Yes
Self-Closing Tailgate	Yes
*optional	

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.

Hydraulic Specifications	
<b>PUMP</b>	Direct mount gear pump
GPM	12-14 GPM @ 1,000 RPM
<b>OIL RESERVOIR</b>	
Hydraulic Tank Capacity	12 gallons
Filters	10 micron absolute, with suction strainer

Hopper Specifications		6 yd <sup>3</sup>	10 yd <sup>3</sup>
Hopper Opening Length (at loading sill)	in.	32	
	mm	813	
Hopper Width (inside)	in.	64	
	mm	1626	
Hopper Doors		Std.	

Packing Specifications		6 yd <sup>3</sup>	10 yd <sup>3</sup>
Packing Force at Rear of Hopper	lbs.	28,700	
	kg	13046	
Packing Cycle Time		14-16 seconds	
Packer Displacement Volume		0.75 yd <sup>3</sup>	
Packing System Relief Pressure		2,400	
Packing Cycle Control		Automatic Cycle Interruptible	
Mounted Weight (body only)	lbs.	5,400	6,400
	kg	2455	2909



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Chassis Requirements			6 yd <sup>3</sup>	10 yd <sup>3</sup>
Minimum GVWR			lbs. 16,000	19,500
			kg 7273	8864
Minimum GAWR	Conventional	front	lbs. 5,000	6,000
			kg 2273	2727
		rear	lbs. 11,000	13,500
			kg 5000	6136
	Cab-Over-Engine	front	lbs. 5,000	6,000
			kg 2273	2727
		rear	lbs. 11,000	13,500
			kg 5000	6136
Wheelbase (approximate)	Conventional	in. 140-154	162-176	
		mm 3556-39112	4115-4470	
	Cab-Over-Engine	in. 104-116	126-138	
		mm 2642-2946	3201-3505	
Usable CA	in. 81-87	103-109		
	mm 2057-2210	2616-2769		
Minimum Platform	in. 124	146		
	mm 3150	3708		

• Specify chassis, engine and transmission in accordance with Heil chassis requirements upon entering order.  
 • Any chassis requiring special alterations, moving battery boxes, air tanks, etc., will not be modified until a letter authorizing changes and cost is received by Heil Environmental.

Cylinder Specifications		6 yd <sup>3</sup>	10 yd <sup>3</sup>
<b>Body Cylinders</b>	<b>Type</b>	<b>Bore x Rod x Stroke</b>	
Packing	(2) Double acting	in.	3 x 1.75 x 34
		mm	76 x 45 x 864
Ejecting	(1) Double acting	in.	2.5 x 1.5 x 36
		mm	63.5 x 38 x 914
Tailgate	(2) Double acting	in.	2 x 1.25 x 36
		mm	51 x 31.75 x 914
Lift	(2) Double acting	in.	3.5 x 1.5 x 20
		mm	89 x 38 x 508

Body Specifications		6 yd <sup>3</sup>	10 yd <sup>3</sup>
Body Volume (excluding hopper)		6 yd <sup>3</sup>	10 yd <sup>3</sup>
Hopper Volume (with hopper doors closed)		2 yd <sup>3</sup>	
Unit Height (tailgate closed)*	in.	75	93
	mm	1905	2362
Unit Height (tailgate open)*	in.	107	137
	mm	2718	3480
Maximum Height (body raised)*	in.	132	162
	mm	3353	4115
Loading Height (above chassis frame)	in.	20	
	mm	508	
Unit Length	in.	137	159
	mm	3480	4039
Unit Width	in.	82.75	
	mm	2102	

\* Does not include chassis frame height.

CONTACT YOUR LOCAL DEALER