



MultiTask™ SL

Fully Automated/Semi-Automated/Manual Drop Frame Side Loader



MultiTask SL™

Versatility for high-performance fleets.

Versatility is becoming increasingly critical to the performance of any solid waste collection and disposal fleet, as the rules defined by customers continue to change. Whether you are dealing with single-stream recycling, waste-to-energy, separation of food/organic waste, pay-as-you-throw, subscription routes, or mandates to reduce vehicle traffic, air, and noise pollution, only one thing is certain: Your customers will continue to present new and different challenges to the way you collect and dispose of solid waste.

To meet these challenges, how often do you send two (or even three) trucks down the same streets to pick up different types of waste and containers? That redundancy is costing you time, money, and the ability to address evolving requirements efficiently.

Imagine the benefits if you could combine some of those routes. You'd use fewer vehicles and optimize operator scheduling, consume less fuel, reduce brake and tire wear and, even more importantly, become less intrusive to the communities you serve by generating less air and noise pollution.

Heil's **MultiTask SL** refuse collection vehicle can help you do just that. Now, using a single **MultiTask SL**, you can complete tasks that formerly required multiple vehicles and operators.

The **MultiTask SL** is specifically designed to collect mixed routes of bagged trash, containerized garbage, and other loose yard debris. Refuse can be loaded into the large 1.7 cubic yard hopper using the fully automated arm, semi-automated cart tippers, or manually from either side of the body. And, with a cycle time of 12 to 14 seconds, the **MultiTask SL** can quickly handle these challenging routes faster than other collection vehicle, enabling you to service more customers per day.

Every high-performance fleet needs the versatility of the **MultiTask SL** for optimum results! To learn more about adding this flexible solution to your business, contact your local Heil Dealer. To find the Dealer nearest you, please visit www.heil.com.





Shown with 5050 Split-Body configuration

Versatile Features

The **MultiTask SL™** was specifically engineered for collection fleets that desire the cost and performance benefits of a one-person, one-vehicle route management solution.

- **Quiet, Fuel-Efficient Operation** — Heil's Operate-in-Gear-at-Idle System comes standard. It is designed to help you finish routes up to 20 percent faster, saving up to one gallon of fuel per hour while reducing wear on the lift assembly, chassis, engine, and transmission. Plus, it greatly reduces noise — a benefit to operators and customers alike.
- **TeleGrip™ Arm** — The TeleGrip arm can smoothly and quickly grab a cart from 0 – 88 inches (0 – 223.5 cm), easily serving different types of routes. The arm lifts up to 600 lbs (272 kg) fully extended and dumps efficiently. The TeleGrip arm stows at 102" (259 cm), and can be stowed in the hopper for a maximum width of 96" (243 cm) to accommodate vehicle width restrictions.
- **Industry's Largest Hopper** — The 1.7 cubic yard hopper is the largest in the industry for this style of vehicle, and the ReadyPack™ feature ensures you are able to maximize efficiency by automatically packing the payload with every arm cycle.
- **Strong Foundation** — Fully interlaced sub-frame welding, 3-micron filter, and other low-maintenance design implementations make sure your **MultiTask SL** spends more time on the road than in the shop.
- **Service Smart™** — Heil's Service Smart™ provides easy service access so routine maintenance can be completed more efficiently.
- **Split-Body Option** — Choose the available 5050 Split-Body option with independently controlled dual selector/crusher panels to keep collected items from co-mingling in the hopper.

*Contact your local Heil Dealer
to schedule a MultiTask SL demo!*

Manual Operation

The manual loading option enables the operator to manually load refuse, such as non-containerized bagged trash and bulky items, from either side of the body.



Semi-Automated Operation

*For routes that include mixed containerized and non-containerized trash, the **MultiTask SL** can be equipped with cart tipper on the curb side, street side, or both. This is an ideal solution for mixed subscription routes that operate on a "take all" market requirement.*



Automated Operation

The TeleGrip™ arm enables fully automated collection on routes with variable sized containers. It features a low dump height, reducing the likelihood of unsightly trash blowing down residential streets after collection.



Shur-Lock™ Tailgate Locks

*The Shur-Lock tailgate enables the operator to remain in the cab, while the 45-degree tipping angle and dual body hoist cylinders lift the tapered body of the **MultiTask SL** to make completely dumping the payload a simple, easy step.*





MultiTask SL™

Fully Automated/Semi-Automated/Manual Drop Frame Side Loader Product Specifications

Performance Specifications

Lift Capacity	Up to 600 lbs. (272 kg)
Lift Cycle Time*	8 seconds @ idle
Lift Reach	88 in. (223.5 cm)
Homes Per Day	Up to 900
Compaction	Up to 700 lbs. per yd ³ (415 kg/m ³)
Working RPM	700 (operate-in-gear-at-idle)

* Complete cycle time defined as wheel stop to wheel start

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

PUMP	Operate-In-Gear-At-Idle (standard)
Type	Tandem Vane
Maximum Operating Pressure	3,000 psi (20,685 kPa)
Working RPM	700 RPM
Flow at Working RPM	29 GPM (109.78 LPM)
OIL RESERVOIR	Chassis frame mounted
Tank Capacity (net)	45 gallons (171 liters)
Oil System Gross Capacity	59 gallons (224 liters)
Filters	3 micron return line with magnet, 140 micron suction strainer
VALVES	
Shutoff	Ball style - 2.5 in. (6.35 cm)
Main Distribution Valve	3,000 psi
Operator Sections	Stack style
Packing Controls	Electric/Air spool

Cylinder Specifications

BODY CYLINDERS	Type	Bore x Stroke	
		in.	mm
Tailgate Raised	(2) Double acting	in.	3.0 x 35.25
		mm	76 x 895
Packer	(2) Double acting	in.	4.5 x 41.5
		mm	114 x 1054
Crusher Panel	(1) Double acting	in.	3 x 35.25
		mm	76 x 895
LIFT CYLINDERS			
Reach	(1) Double acting	in.	1.75 x 63.2
		mm	44 x 1605
Grab	(1) Double acting	in.	3.1 x 8
		mm	80 x 203
Lift	(1) Double acting	in.	3.1 x 16
		mm	80 x 406

Automated Lift Specifications

Lift load capacity	600 lbs. (272 kg)
Cycle time	8 seconds @ idle
Frame	50,000 psi (344,750 kPa) yield
Reach	88 in. (223.52 cm) from side of body to centerline of 90 gallon container
Ground clearance	20 in. from ground to bottom of grabber arms (based on a 42 in. chassis rail height)
Overall body width**	Overall width is less than 102 in. (2591 mm) with lift down and grabbers in work-ready position
Weight*	1,200 lbs. (545 kg) approx.
Mounting length	18 in. (45.7 cm)
Controls	Joystick, electric-over-air

* Weight includes standard 60/90 gallon grabbers

** 96 in. with lift stowed in hopper

Chassis Requirements *

		24-S-Con	24-S-COE	27-S-Con	27-S-COE	30-T-Con	30-T-COE	33-T-Con	33-T-COE
Min. GVWR ⁽¹⁾		44,000	46,000	45,000	47,000	58,000	60,000	62,000	64,000
Min. GAWR ⁽¹⁾	Front	14,000	16,000	15,000	17,000	18,000	20,000	18,000	20,000
	Rear	30,000	30,000	30,000	30,000	40,000	40,000	44,000	44,000
Usable CA/CT ⁽²⁾	Single	177	162	177	162	N/A	N/A	N/A	N/A
	Tandem	N/A	N/A	N/A	N/A	215	206	215	206
Wheelbase ⁽²⁾	COE	N/A	199-212	N/A	199-212	N/A	237-250	N/A	237-250
	Con	244	N/A	244	N/A	282	N/A	282	N/A
Platform		253	238	253	238	270	279	270	279

S = Single Rear T = Tandem COE = Cab Over Engine Con = Conventional Engine ⁽¹⁾ = Pounds ⁽²⁾ = Inches

* Additional Requirements

- Specify chassis, engine and transmission upon entering order (MUST be in accordance with chassis specifications).
- Chassis must have front engine crankshaft adaptor for front drive gear pumps.
- Any chassis requiring special alterations (moving battery boxes, air tanks, etc.), will delay the body manufacturing until a letter authorizing changes is received by Heil Environmental.
- MultiTask SL chassis requires a minimum 350 ft. lbs. of net torque available at idle at PTO, with idle preset between 650-750 RPM. Recommended alternator is 31 SI, 160 or 200 amp with R-stator terminal.

Body Specifications

	24 yd ³	27 yd ³	30 yd ³	33 yd ³	
Body Capacity	yd ³	24	27	30	33
	m ³	18.3	20.6	22.9	25.2
Hopper Capacity	yd ³	1.7			
	m ³	1.3			
Overall Length	in.	247	278	292	323
	mm	6274	7061	7417	8204
Overall Length (Tailgate Raised)	in.	307	338	352	383
	mm	7798	8585	8941	9728
Overall Width (Lift up and Stored in Hopper)	in.	96			
	mm	2438			
Overall Height Above Frame	in.	98			
	mm	2489			
Loading Sill Height Above Frame	in.	7.25			
	mm	184			
Mounted Weight (Route Ready)	lbs.	11,200	11,900	13,500	14,200
	kg	5080	5400	6125	6440

5050 Split-Body Cylinder Specifications

BODY CYLINDERS	Type	Bore x Stroke	
Selector door / Crusher panel	(2) Double acting	in.	3.0 x 12.0
		mm	76 x 304

5050 Split-Body Body Specifications

	30 yd ³	
Mounted Weight (Route Ready)	lbs.	18,200
	kg	8282



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