



# PowerTrak<sup>®</sup> Commercial PLUS

High-Compaction Tag Axle Rear Loader



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Haul the largest legal payloads.

For areas with stringent weight restrictions, the **PowerTrak Commercial PLUS** high-compaction tag axle rear loader enables you to maximize productivity by carrying the largest legal loads — up to 1,200 lbs. per cubic yard!

Under Federal bridge laws, this powerful commercial rear loader with a single tag axle can legally haul additional weight. Add an optional fifth pusher axle to carry even more legal payload. Operators can adjust both the front and tag axle loads, and can lift the tag axle when it's not in use.

**Heil's patented design mounts the tag axle to the chassis frame rail, making it more** structurally sound than models with the tag axle integrated into the tailgate. This design also makes it possible to maintain a massive hopper volume. All the wheels stay down when the tailgate is raised, minimizing stress on the axle, tailgate, and hydraulics.

Other rear loaders move shoes or rollers along a single track during sweep and pack cycles, forcing the top cylinder to operate at a sharp angle of resistance. This causes intense friction

that robs power and speed while increasing wear. The patented PowerTrak dual-track system gives the top cylinder its own path, significantly softening the angle of resistance. This results in reduced friction, faster cycle times, less wear in the tailgate shoes, and more pressure being exerted directly into the load for greater payload density.

With the biggest hopper in its class, the **PowerTrak Commercial PLUS** consumes refuse that would choke other rear loaders, including construction and demolition debris, discharge from 10-yard containers, and white goods. Its large capacity also reduces reload time to just 7 to 9 seconds. For semi-automated residential collection, cart tippers can be added. A latch kit designed with deeper pockets enables containers to dump further into the hopper, providing more clearance for the tippers.

The innovative **PowerTrak Commercial PLUS** adds more money to the bottom line than any other rear loader on the market because it hauls more—legally. To find out more, contact your local Authorized Heil Dealer. To find the Dealer nearest you, visit [www.heil.com](http://www.heil.com).







## Commercial Collection at Its Best

Haul the largest legal payloads with the rugged **PowerTrak Commercial PLUS** high-compaction tag axle rear loader.

- **Extra Packing Power** — High-pressure hydraulics deliver extra packing power and reduce friction without sacrificing performance. Because the **PowerTrak Commercial PLUS** uses 2,500 psi operating pressure, smaller cylinders can deliver extra punch with faster cycle times than other commercial rear loaders, packing up to 1,200 pounds per cubic yard.
- **Twice the Lift** — Our unique Service Smart™ design makes it easy to service the oversized cast alloy ejector shoes without removing the ejector panel. Plus, the shoes are reversible, for twice the life. Hydraulic tubes are routed inside rear bolsters for added protection, yet are readily accessible for maintenance.
- **Lower Overall Weight** — The **PowerTrak Commercial PLUS** high-tensile strength steel construction delivers maximum life with lower overall body weight for better payloads and less stress on chassis components. For added durability, AR400 steel is used in areas of the tailgate subject to the greatest stress and wear.
- **Patented Tag Axle Design** — Patented design mounts the tag axle to the chassis frame rail, making it more structurally sound than models with the tag axle integrated into the tailgate. All the wheels stay down when the tailgate is raised, minimizing stress on the axle, tailgate, and hydraulics.
- **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.

## High-Capacity Hopper

*The generous 3.64 cubic yard hopper is the largest in its class, easily accommodating construction and demolition debris, discharge from 10-yard containers, and bulky white goods.*

## Patented Dual-Track Design

*The dual-track design of the PowerTrak Commercial PLUS enables the cylinders to operate with far less friction, exerting more force directly into the load.*

## Optional Pusher Axle

*An optional pusher axle can be added to carry a even greater legal payload.*

## Integrated Steel Guard

*An integrated steel guard with rubber deflector protects the tag axle during load discharge.*





# PowerTrak® Commercial PLUS

## High-Compaction Tag Axle Rear Loader Product Specifications

Performance Specifications	
Compaction	Up to 1,200 lbs. per yd <sup>3</sup>
Hopper Size	3.64 yd <sup>3</sup>
Packing Cycle Time	21-23 seconds
Reload Time	7-9 seconds

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>	
Type	High pressure gear
Maximum Operating Pressure	2,500 psi
GPM	48 GPM
<b>OIL RESERVOIR</b>	
Chassis frame mounted	
Tank Capacity (net)	50 gallons (190 liters)
Filters	3 micron return filter with in-cab filter monitor; 140 micron suction line
<b>VALVES</b>	
Shutoff	Ball valve in suction line between pump and reservoir
Packing Control	Spool type
Ejector and Tailgate Raise	Spool type

Operating Controls	
Packing	Right side of tailgate
Tailgate Raise	Forward left corner of body
Ejector	Forward left corner of body
P.T.O.	Inside cab
Signal Buzzer Switches	Right side of tailgate
Engine Speed Up	Forward left corner of body

Tailgate Specifications			
Hopper Capacity	yd <sup>3</sup>		3.64
	m <sup>3</sup>		2.78
Sill Height Below Chassis Frame	in.		0.5
	mm		13
Hopper Loading Width	in.		80
	mm		2032
Hopper Opening Height	in.		51
	mm		1295
Cycle Time (seconds)	complete		21-23
	reload		7-9

Chassis Requirements			25 yd <sup>3</sup>	27 yd <sup>3</sup>	32 yd <sup>3</sup>
Minimum GVWR			53,000	56,000	61,000
Minimum GAWR	Conventional	front	13,000	14,000	15,000
		rear	20,000	42,000	46,000
	Cab-Over-Engine	front	15,000	16,000	17,000
		rear	38,000	40,000	44,000
Usable CT	in.	156	168	198	
	mm	3962	4267	5029	
Minimum Platform	in.	208	220	248	
	mm	5283	5588	6299	
	(1) Any chassis sent to Heil Environmental with less than these minimum GVWR/GVARs will not be mounted. (2) If CA/CT is not as recommended, contact Heil Environmental for applicable weight distribution and GVWR/GVAR requirements.				

Body Specifications		25 yd <sup>3</sup>	27 yd <sup>3</sup>	32 yd <sup>3</sup>
Body Capacity	yd <sup>3</sup>	25	27	32
	m <sup>3</sup>	19	21	24
Overall Length	in.	286	298	326
	mm	7264	7569	8280
Overall Length with Tailgate Raised	in.	336	348	376
	mm	8534	8839	9550
Overall Width	in.	96	96	96
	mm	2440	2440	2440
Overall Height Above Frame*	in.	96	96	96
	mm	2440	2440	2440
Overall Height with Tailgate Raised*	in.	180	180	180
	mm	4570	4570	4570
Gross Weight (approximate)	lbs.	16,800	17,200	17,900
	kg.	7620	7802	8119

\* Does not include chassis frame height.

Cylinder Specifications					
Body Cylinders	Type	Model	Stages	Bore	
Tailgate Raise	(2) Single Acting	ALL	1	in.	4
				mm	102
Packer Blade	(2) Double Acting	ALL	1	in.	5.5
				mm	140
Upper Panel	(2) Double Acting	ALL	1	in.	5.0
				mm	127
Ejection	(2) Double Acting Telescopic	25 yd <sup>3</sup>	4	in.	6
				mm	152
		27 yd <sup>3</sup>	4	in.	6
				mm	152
		32 yd <sup>3</sup>	5	in.	7
				mm	178



2030 Hamilton Place Blvd., Suite 200, Chattanooga, TN 37421  
 866.FOR.HEIL (866.367.4345) • Fax: 423.855.3478  
 www.heil.com

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 FORM #SWS-000014-010312

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