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National Cooperative Contract Solutions

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Georgia



GA. CODE ANN. § 36-69A-3. Definitions

As used in this chapter, the term:

(1) "Public agency" means:

- (A) Any political subdivision of this state other than a county school district or independent school district;
 - (B) Any volunteer fire department;
 - (C) Any volunteer rescue squad;
 - (D) Any agency of the state government or of the United States; and
 - (E) Any political subdivision of another state.
- (2) "State" means a state of the United States.

GA. CODE ANN. § 36-69A-4. Joint exercise of powers, privileges, or authority; agreements with public agencies of

other states; required information and provisions; limitations on contracts.

(a) Any power or powers, privileges, or authority exercised or capable of exercise by a public agency of this state may be exercised and enjoyed jointly with any other public agency of any other state or of the United States to the extent that laws of such other state or of the United States permit such joint exercise or enjoyment. The authority for joint or cooperative action of political subdivisions shall apply to powers, privileges, or authority vested in, funded by, or under the control of their governing bodies.

(b) Any public agency in this state may enter into agreements with a public agency in another state for joint or cooperative action pursuant to the provisions of this chapter to effectuate the purposes of this chapter. Appropriate action of the governing bodies of the participating public agencies by resolution or otherwise pursuant to law shall be necessary before any such agreement may enter into force. Any such agreement shall be subject to the requirements provided

NJPA Analysis: The Statute authorizes 'public agencies' to participate in cooperative agreements with public agencies of other states. A 'public agency' is defined, in part, as a political subdivision. NJPA is a political subdivision of the State of Minnesota pursuant to Minn. Stat. §123A.21, subd. 9(d), §471.345, and §6.465.

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HOW TO PURCHASE

Our step-by-step guide



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Heil Environmental

NJPA AWARDED
CONTRACT

Contract#: 060612-ESG

Category: Facility & MRO

Sub Category: Waste Collection and Recycling Related Equipment

Description: Garbage Trucks, Waste Collection Containers & Bins

Maturity Date: 07/17/2016

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Heil is the industry leader in mobile refuse equipment design and specialized refuse body manufacturing. Since 1901, we have built a reputation for quality, durability, and innovation in the solid waste industry. We offer the widest variety of refuse collection bodies available, including front loaders, rear loaders, automated and manual side loaders, multi-compartment recycling units, and hook lift and cable hoist units for roll-off containers.

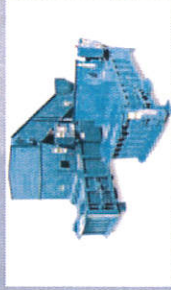
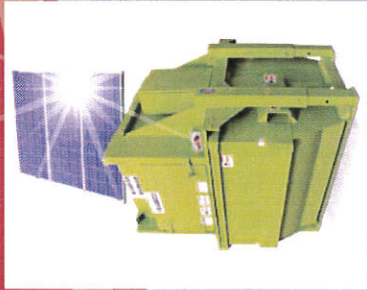
You can be confident that your investment in Heil refuse collection equipment brings a long-term business partnership with the lowest Total Cost of Ownership (TCO) in the industry.

[Heil Products](#)

NJPA AWARDED CONTRACTS

Contract #060612-ESG

Just Awarded!





THE WHEELS ARE ALWAYS TURNING

4-2000-1000000

PT 1000™

High-Performance Rear Loader



PT 1000™

Affordable by design.

Heil's surprisingly affordable **PT 1000™** will change your thinking about rear loader performance. We put more than 60 years of Heil rear loader know-how and experience into a refuse collection vehicle that delivers the fastest cycle time in its class, an outstanding payload, and a best-in-class hopper. It also fits comfortably into today's increasingly restricted budgets.

Beneath its sleek exterior, the **PT 1000** is a no-nonsense machine that will outperform anything else in its class. It offers a 15-second cycle time and a reload time of less than 6 seconds, with packing forces that take full advantage of Heil's experience in high-pressure hydraulics and lighter weight, high-tensile steel construction.

The **PT 1000** features a large 3-cubic yard hopper that is the best in its class, making it the ideal vehicle for those occasional commercial pick-ups. It can be equipped with a variety of

container handling devices to suit just about any collection need. It also offers a payload density of up to 1,000 pounds per cubic yard, and a one-piece body sidewall that not only looks better, but also is easier to wash and maintain, resists rust and corrosion, and provides a smooth surface for signage.

The **PT 1000** is available in 18 and 20-yard single axle models — both bodies are FET exempt.

To add the proven **PT 1000** to your fleet, contact your local Authorized Heil Dealer. To find the Dealer nearest you, visit www.heil.com



Shown with optional equipment.



Proven Rear Loader Performance

With the fastest cycle time in its class, the proven PT 1000™ can maximize your time on daily collection routes.

- **Smooth Sides** — PT 1000 has smooth sides that provides the customer with optimal signage space for advertising.
- **Service Smart™ Design** — Easy to access UHMW wear parts allows for longer component life while keeping the owners total cost of ownership in mind.
- **Large Side Door** — Large side door offers ease of access for maintenance personnel to enter the body.
- **Superior Filtration** — Our 10-micron filtration system keeps hydraulic oil cleaner and extends the life of the hydraulic components. Other manufacturers use 10-micron filtration, which can allow particulate matter to damage the hydraulic system.
- **One-hand Manual Controls** — One-hand manual controls allow for full control of the packing cycle, which allows the operator to stop, start, and reverse the upper panel or blade at any point in the packing cycle..

*The PT 1000 is available with CNG.
Ask your Heil Dealer for details!*

High-Capacity Hopper

When it comes to the Mid-Size rear loader the PT1000 offers a large 3.0 cubic yard hopper that is key to optimizing productivity and easily handles even the bulkiest of waste materials found in today's refuse collection.

Packing Power

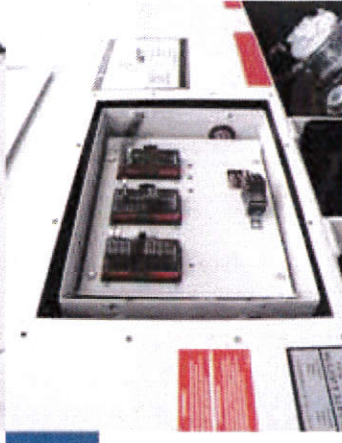
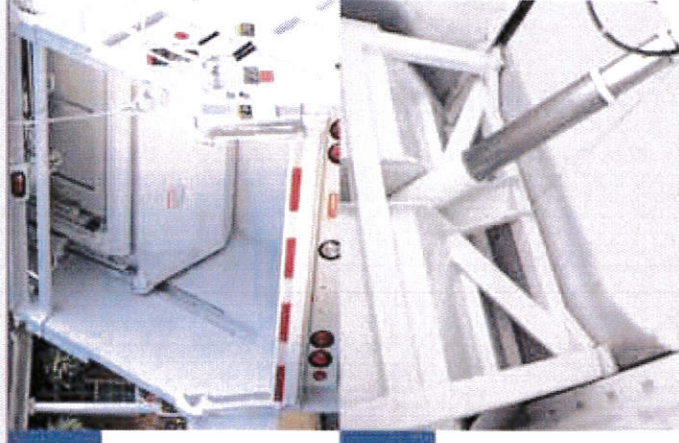
Heil's unique track design allows for more compaction force per square inch utilizing the system pressure of 2750 psi to the maximum capacity also delivering faster cycle times to expedite the operator's route time.

Electrical Control Box

New Power Distribution electrical control box on the side of the body offers easier diagnostics of wiring issues and minimizes the need to cut into the chassis cab interior for wiring integration

Optimized Body Weight

A payload density of up to 1,000 pounds per cubic yard and a body sidewall constructed of single sheet, high-tensile steel deliver long-lasting performance without unnecessary weight. The 18- or 20-yard single-axle models are FET exempt and provide the lowest overall weight, the flexibility to get into and out of tight spaces, and an enhanced turning radius.





PT 1000™

High-Performance Rear Loader Product Specifications

Performance Specifications	
Compaction	Up to 1,000 lbs. per yd³
Hopper Size	3.0 yd³
Packing Cycle Time	15-17 seconds
Reload Time	6-8 seconds
FET Exempt	13 yd³, 16 yd³, 18 yd³ & 20 yd³

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	
Type	High pressure gear
Maximum Operating Pressure	2,750 psi
GPM	48 GPM
OIL RESERVOIR	
Chassis frame mounted	
Tank Capacity (net)	24 gallons (90.8 liters)
Filters	10 micron return filter; 140 micron suction line
VALVES	
Shutoff	Ball type
Packing Control	Spool type
Ejector and Tailgate Raise	Spool type

Tailgate Specifications		18 yd³ & 20 yd³	25 yd³
Hopper Capacity	yd³	3	3
	m³	2.3	2.3
Sill Height Below Chassis Frame ⁽¹⁾	in.	0.5	3.5
	mm	12.7	88.9
Hopper Loading Width	in.	80	80
	mm	2032	2032
Hopper Opening Height	in.	67	67
	mm	1700	1700
Cycle Time (seconds)	complete reload	15-17	15-17
		5-6	5-6

Chassis Requirements		13 yd³	16 yd³	18 yd³	20 yd³	25 yd³
Minimum GVWR ⁽¹⁾		29,000	30,000	30,000	33,000	48,000
Minimum GAWR	front	9,000	9,000	9,000	10,000	14,000
	rear	20,000	21,000	21,000 ⁽²⁾	23,000 ⁽²⁾	34,000
Usable CA	in.	96	102-110	117-125	132-140	N/A
	mm	2440	2590-2790	2972-3175	3353-3556	N/A
Usable CT	in.	N/A	N/A	N/A	114-120	147-153
	mm	N/A	N/A	N/A	2896-3048	3734-3886
Minimum Platform	in.	32	32	32	32/51	51
	mm	813	813	813	813/1295	1295

Any chassis sent to Heil Environmental with less than these minimum GVWR/GVARs will not be mounted.
(1) ICA/CT is not as recommended, contact Heil Environmental for applicable weight distribution and GVWR/GVAR requirements.
(2) Require 30,000 lbs. spring package.

Body Specifications		13 yd³	16 yd³	18 yd³	20 yd³	25 yd³
Body Capacity	yd³	13	16	18	20	25
	m³	9.93	12.23	13.76	15.29	19.11
Overall Length	in.	189.25	206.75	220	234	269
	mm	4807	5251	5588	5944	6833
Overall Length with Tailgate Raised	in.	229.25	246.75	272	286	321
	mm	5823	6267	6909	7264	8154
Overall Width	in.	96	96	96	96	96
	mm	2438	2438	2438	2438	2438
Overall Height Above Frame	in.	94	94	94	94	94
	mm	2388	2388	2388	2388	2388
Overall Height with Tailgate Raised	in.	162	162	162	162	162
	mm	4115	4115	4115	4115	4115
Gross Weight (approximate)	lbs.	10,350	10,800	11,100	11,400	12,300
	kg.	4699	4899	5,035	5,170	5,580

Cylinder Specifications				
Body Cylinders	Type	Model	Stages	Bore
Tailgate Raise	Double Acting	ALL	1	in. 3 mm 76.2
Packer Blade	Double Acting	ALL	1	in. 4 mm 101.6
Upper Panel	Double Acting	ALL	1	in. 4.5 mm 114.3
Ejection	Double Acting Telescopic	ALL	4	in. 6.5 mm 165

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NJPA Contract #060612-ESG



CONTACT YOUR LOCAL DEALER



THE WHEELS ARE ALWAYS TURNING

— HEIL —

Liberty™

Continuous Pack Automated Side Loader



Liberty™

An extremely productive body with an advanced automated arm.

What do you get when you combine one of the most productive refuse bodies in the industry with the most advanced automated arm? A true performer — Heil's **Liberty**! By integrating our time-tested Continuous Pack body with the patented technology of the Python arm, Heil has created a refuse collection body with proven reliability and unsurpassed speed.

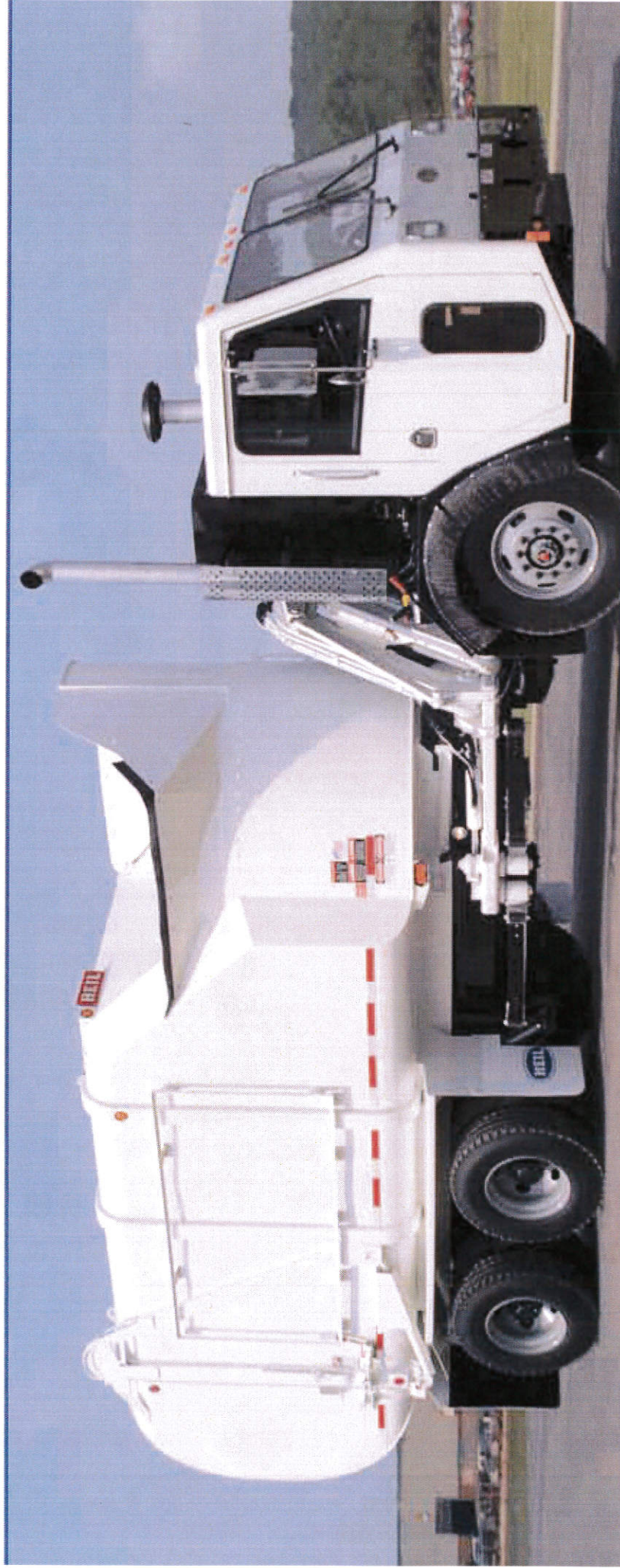
The Continuous Pack body has been a customer favorite for more than 35 years, far and away the most popular ever produced. This remarkable body will accommodate routes of almost any size, with seven models ranging from 16 to 32 cubic yards. Our patented paddle packer design continuously sweeps the hopper, so there's no need to stop and pack the load. And, because there's no packer panel to slide into the body, the need for shoes, guide tracks, guide rails, and internal body parts is eliminated — as is the need to clean out behind the packer.

The patented Python arm is the fastest, smoothest, most maintenance-friendly automated arm in the world. It features an 8-second lift cycle, which can save you up to 4 seconds

per stop and up to 1 hour per day — delivering more than \$15,000 in savings per truck per year. The Python's 9-foot reach can negotiate between cars and other obstacles, making even the most difficult pick-ups possible.

We back all Heil units with a worldwide network of knowledgeable dealers and service centers, as well as the industry's first dedicated manufacturer-based training facility and mobile training centers, to help you keep your **Liberty** operating at its peak. Add to that Heil's century-old heritage of commitment to customer satisfaction, and you can feel certain that when you choose a **Liberty** you are getting the most productive and durable, refuse collection vehicle available.

Read on to learn more about the **Liberty's** advanced productivity features, and then contact your Authorized Heil Dealer for assistance in choosing the Heil refuse collection vehicle that is right for you. To find the Dealer nearest you, visit www.heil.com.





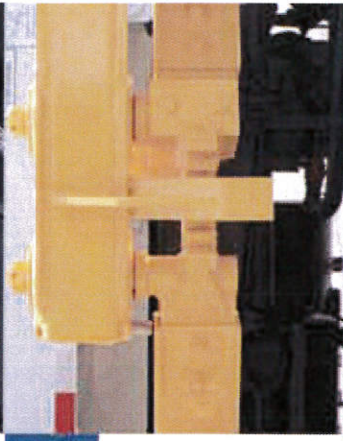
DuraMount™ Design

Heil's DuraMount Design, which is used to mount the lift to the chassis frame, reduces the potential for bolt fatigue and provides Service Smart™ bolt access for easy maintenance.



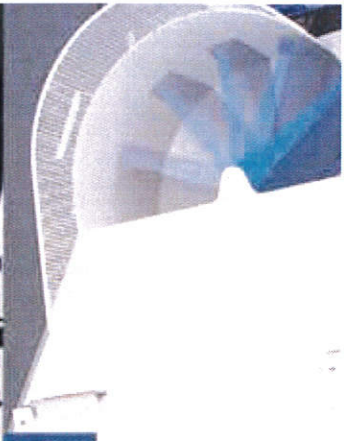
Joystick Cab Controls

Reliable, ergonomic joystick controls deliver smoother performance and enhance usability. With the standard AutoLoad system, the operator can reach, grab, lift, dump, and return the arm to the stowed position using only the joystick and 2 buttons.



Python® Grabber Gears

Made from specially formulated high-strength, low-alloy steel, the Python's superior hardened grabber gears virtually eliminate gear wear. The gears are splined to the grabber shafts and can be cycled up to 1,000,000 times with no evidence of wear.



Patented Paddle Packer

The Liberty's patented paddle packer continuously sweeps the hopper, eliminating the need to stop and pack the load. This eliminates the need to clean out debris behind the packer blade.



Striking Features

The Liberty™ was specifically engineered with features to accommodate any size route, quickly and efficiently.

- **Strong Foundation** — The Liberty's body is constructed of high tensile steel, ½-inch thick in the hopper floor and wall, and 7-gauge 50,000 psi in the body floor. The floor is also supported by 10-inch structural channel longmembers.
- **Easy to Maintain** — The body of the Liberty is easy to service because all hydraulic cylinders are accessible from ground level. The packer cylinder is also located under the body to protect it from refuse contamination.
- **Exceptional Reach and Lift** — The patented automated Python arm can reach up to 9 feet to go where other automated arms cannot. Able to lift up to 1,250 pounds, the Python arm features cushioned cylinders for smooth action, saving wear and tear on both the lift arm and the chassis. The Python's unique lift geometry enables the arm to return carts with the lids closed every time.
- **Fewer Cylinders** — While other bodies need four cylinders to raise, lower, and lock the tailgate, our Continuous Pack body requires only two, reducing your maintenance time.
- **Quiet, Fuel-Efficient Operation** — Heil's Operate-in-Gear-at-Idle System comes standard on the Liberty. 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.
- **Fewer Wear Components** — Because there is no packer panel to slide into the body, the need for shoes, guide tracks, guide rails, and internal body parts is eliminated.



Liberty™

Continuous Pack Automated Side Loader Product Specifications

Performance Specifications

Lift Capacity	625 lbs. @ 9 ft., 1,250 lbs. @ hopper
Lift Cycle Time (complete*)	8 seconds @ idle
Lift Reach	9 ft.
Compaction	up to 700 lbs. per yd³
Working RPM	800 (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.

Cylinder Specifications

	Type	Bore x Stroke
BODY CYLINDERS		
Tailgate Raise	(2) Double acting	in. 3.0 x 18.5 mm 76 x 470
Packing	(2) Single acting	in. 5.0 x 42.0 mm 127 x 1066
Dump (telescopic)	(2) Double acting	in. 4.0 x 55.5 mm 102 x 1407

LIFT CYLINDERS

Reach	(1) Double acting	in. 3.0 x 16.0 mm 80 x 406
Grab	(1) Double acting	in. 3.1 x 8.0 mm 80 x 203
Lift	(1) Double acting	in. 3.0 x 16.0 mm 80 x 406

Hydraulic Specifications

PUMP	Operate-In-Gear-At-Idle (standard)
Type	Tandem Vane front
Maximum Operating Pressure	2,500 psi (17,238 kPa)
Working RPM	700-1,800 RPM (packer)
Flow at Working RPM	800 RPM (arm)
OIL RESERVOIR	34/16 GPM (packer/arm)
Gross Capacity	Chassis frame mounted
Filters	50 gallons (246 liters)
VALVES	Return line 3 micron, 140 micron suction strainer
Shutoff	Suction line
Lift and Packing Control	Air over hydraulic
Hoist and Tailgate Control	Electric over hydraulic

Automated Lift Specifications

Lift Capacity	625 lbs. @ 9 ft., 1,250 lbs. @ hopper
Cycle time	8 seconds @ idle
Reach	9 ft.
Ground clearance	20 in. from ground to bottom of grabber arms (based on a 42 in. chassis rail height)
Weight*	1,850 lbs. approx.
Controls	Joystick, air over hydraulic with feathering ability

* Weight includes standard 60/90 gallon grabbers

Chassis Requirements *		18 yd³	20 yd³	22 yd³	24 yd³	24 yd³	26 yd³	30 yd³	32 yd³
Axle	Single	33,000	35,000	37,000	41,000	Tandem	Tandem	Tandem	Tandem
	front ⁽¹⁾	12,000	14,000	14,000	15,000	45,000	50,000	52,000	52,000
Min. GVWR ⁽¹⁾	rear	21,000	21,000	23,000	26,000	15,000	16,000	16,000	18,000
		134 CA	157 CA	157 CA	189 CA	173 CT	173 CT	185 CT	195 CT
Usable CA/CT		161 in.	182 in.	182 in.	213 in.	197 in.	197 in.	210 in.	220 in.
C.O.E Wheelbase		180 in.	204 in.	204 in.	215 in.	234 in.	234 in.	246 in.	258 in.
Min. Platform									

* OPERATE-IN-GEAR units require 325 ft. lbs. of net torque available at idle, with idle pre-set between 650 and 750 RPM. Recommended 160 or 200 amp alternator.

(1) Front axle min. GAWR requirements may be reduced up to 2,000 lbs. for chassis with actual, unladen bare front axle weights of 8,000 lbs. or less.

Body Specifications

	16 yd³	20 yd³	22 yd³	24 yd³	26 yd³	30 yd³	32 yd³
Body Capacity	yd³ 16 m³ 12.2	20 15.3	22 16.8	24 18.4	26 19.9	30 22.9	32 24.5
Hopper Capacity	yd³ 4 m³ 3	4 3	4 3	4 3	4 3	4 3	4 3
Overall Length*	in. 194 mm 4928	218 5537	239 6071	248 6299	269 6833	281 7137	293 7442
Overall Length (Tailgate Raised)*	in. 268 mm 6807	292 7417	289 7341	307 7798	331 8407	342 8687	354 8992
Overall Width	in. 96 mm 2438	96 2438	96 2438	96 2438	96 2438	96 2438	96 2438
Overall Height Above Frame	body lowered in. 97 mm 2464	97 2464	97 2464	97 2464	97 2464	109 2769	109 2769
Gross Weight (approx.)	body raised mm 154 lbs. 3912	168 4267	168 4267	185 4699	185 4699	192 4877	199 5055
	kg. 4720	4990	5080	5440	5530	5990	6170

* Including 30 in. for lift mount

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