

E-Z PACK® GOLIATH. THE BEST EQUIPPED REAR LOADER EVER BUILT.



E-Z Pack®
Refuse Systems

IF YOU HAND-PICKED THE BEST FEATURES OF ALL REFUSE PACKERS (AND ADDED SOME), YOU'D HAVE GOLIATH.

E-Z Pack engineers did. And that's why no other high-compaction refuse packer can match Goliath for speed, efficiency and productivity.

Goliath's advantages start with the biggest hopper in the industry—a true 3.7 cubic yards. Because the hopper holds more refuse, Goliath requires fewer compaction cycles to fill its body. That reduces the truck's fuel consumption while increasing its productivity.

On container routes, the greater hopper capacity reduces the time spent per container, resulting in more container pickups (and more revenue) per day.

UNIQUE HOPPER DESIGN

Goliath's hopper has completely clean, flat side walls without tracks, slots or slides. This design has fewer moving parts that are likely to trap debris. And the simple geometry of the trackless packing blade allows it to concentrate compaction force on the refuse, not on the hopper side walls or bottom. The result: less wear on the hopper.

In addition, only Goliath has the main control valve located conveniently outside the body, making it more accessible and saving maintenance time.

HIGHER COMPACTION/ GREATER PAYLOAD

Goliath's higher compaction capability and choice of 20, 25 or 31 cubic-yard capacities result in significant operating savings through improved productivity. Because Goliath packs more than 1000 pounds per yard (and does so consistently in virtually all weather conditions), it reduces the number of disposal trips required. That makes Goliath more productive while cutting down on vehicle and tire wear, and reducing fuel consumption.

Goliath's greater payload means your operation needs fewer personnel and fewer trucks. When disposal fees are computed on a "per yard" basis, Goliath's higher compaction offers extra savings as more refuse can be disposed of per dollar spent. Higher compaction also extends the amount of time actually spent in collecting, giving the operator the flexibility to plan routes more efficiently.

FAST CYCLE TIME

No other high-compaction rear loader can match Goliath for speed when you consider that only Goliath moves 3.7 cubic yards of material per cycle. It has a fast reload time (10-12 seconds) and completes a total cycle in 28 to 30 seconds.

Goliath can dump smaller containers (one to three cubic yards) in a single cycle. For larger containers (three to 10 cubic yards), Goliath's

large hopper and high container dump angle promote faster dumping. The container lid swings freely within Goliath's hopper, allowing the container to empty fully and more quickly.

SIMULTANEOUS DUMPING AND PACKING

Goliath is designed so that the winch and packing mechanism utilize a hydraulic system that cannot rob power from either. As a result, the winch and packing cycle can be operated simultaneously without sacrificing cycle time. This feature speeds dumping and packing to increase the truck's routing flexibility and productivity.

AUTOMATIC LOCK/ UNLOCK TAILGATE

Goliath's exclusive fully automatic hydraulic lock/unlock tailgate provides the same fast, safe operation available from other E-Z Pack products. A simple hydraulic pilot circuit automatically pressurizes the tailgate locking cylinders with each packing cycle to maintain a positive gate lock. This virtually eliminates the danger of the tailgate loosening or opening on the route.

Off-loading time is much faster since the operator need only pull a single control lever to unlock and raise the tailgate. The operation is also much safer since the operator remains at the front of the truck during the entire off-loading procedure.

Reeving cylinder winch — operates independently of the packing mechanism so both dumping and packing can be performed simultaneously without loss of cycle time. The winch delivers 14,000 lbs. of line pull to handle containers 6 yards and over. (optional)

Curved roof — high strength-to-weight ratio; no cross members; sheds elements extending service life.

Externally located control valve — easily accessible, reduces maintenance and parts.

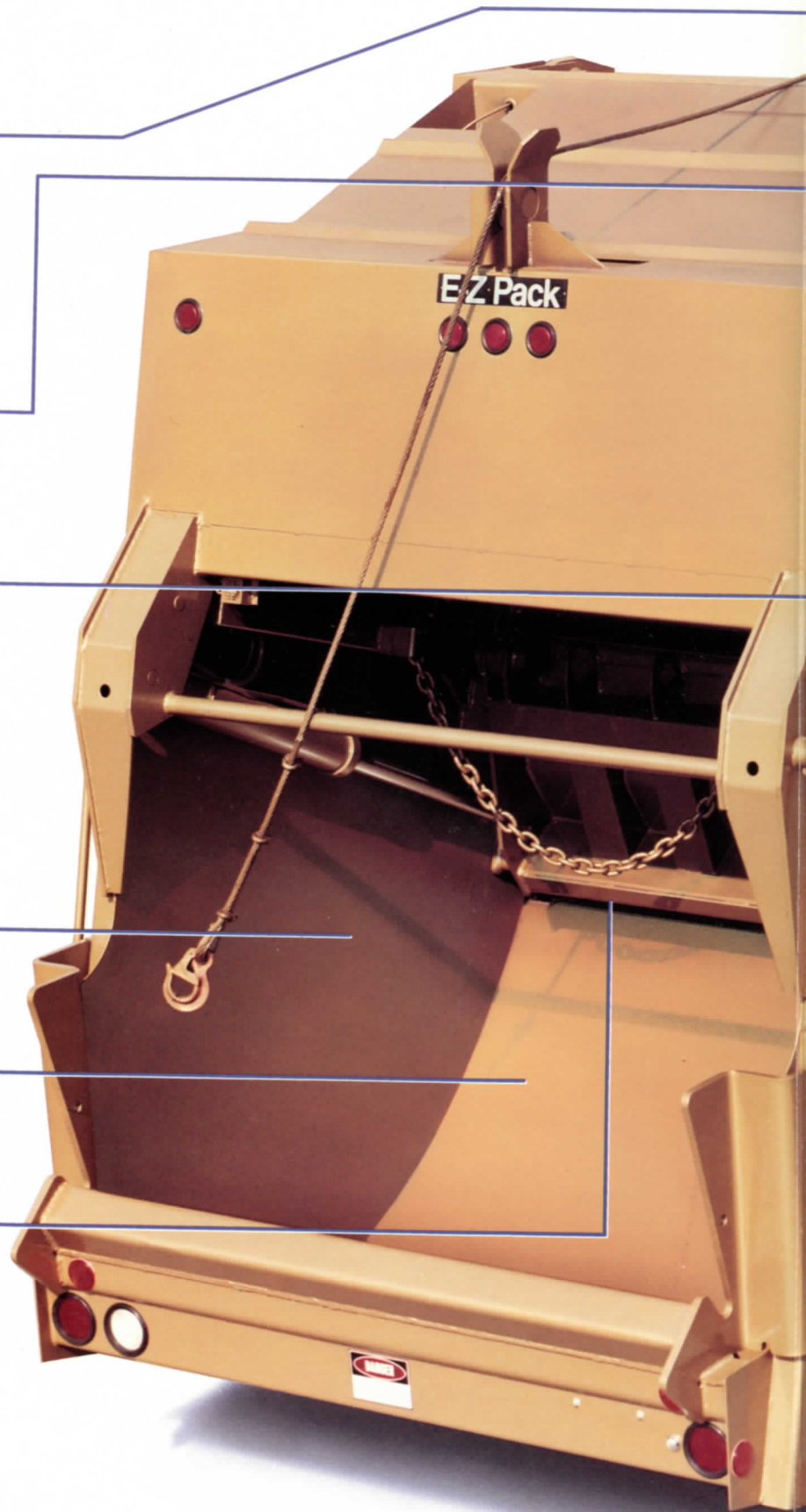
Packing cylinders — rods are chromed and the cylinders cushioned for extra-long life, quieter operation.

Clean side walls — no tracks, slots or slides to trap grit that wears out parts.

3.7 cubic yard hopper — completes total cycle in fast 28-30 seconds.

Simple packing geometry — puts force on refuse, not on hopper, reducing hopper fatigue.

Container attachments — Goliath can be fitted with the optional hardware to meet your container designs. These include a 10,000 lb. drum winch, hydraulic lift bar or blade operated chain attachments.





Horizontal side braces — increases side wall strength, eliminates rust pockets.

20, 25, or 31 cubic yard body capacities — each packs over 1000 pounds per yard consistently in virtually any weather... reduces disposal costs, allows increased flexibility and route planning.

Single telescopic cylinder — off-loads quickly, easily with single sweep ejection.

Automatic lock/unlock tailgate — exclusive E-Z Pack feature assures positive locking and sealing; eliminates manual turnbuckles.

Because the tailgate locks hydraulically rather than mechanically, it creates a positive seal. The hopper closes against a flexible gasket, assuring that no liquid will seep out along the route.

HORIZONTAL SIDE BRACES

Only Goliath uses horizontal side braces to increase side wall strength while reducing the number of weld seams. More "parent" metal provides the extra strength necessary to withstand Goliath's greater compaction force. In addition, the side walls stay cleaner and eliminate rust pockets by shedding snow and rain.

CURVED ROOF

Goliath's prestressed, curved roof has a higher strength-to-weight ratio than any flat, braced roof. The clean, curved design sheds snow and rain, extending service life by reducing the chances for rust and corrosion.

SIMPLIFIED HYDRAULICS

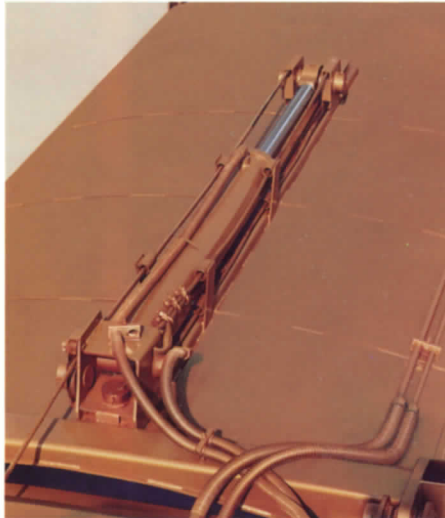
Goliath is engineered to increase efficiency while reducing maintenance. Hydraulics is a prime example. Fewer fittings, hoses and hydraulic lines make Goliath more reliable and simpler to maintain.

COMPETITIVE PRICE

Surprising as it may seem, you can have Goliath for about the same investment as other high-compaction rear loaders.



Can dump 1-3 yard containers in one cycle, saving time. Empties large containers fast due to high container dump angle. Container lid swings free and out of the way—doesn't catch refuse, dumps cleanly.



Optional Reeving Cylinder Winch handles 6-yard and larger containers, independent of the packing mechanism. Both dumping and packing can be done simultaneously without loss of cycle time.

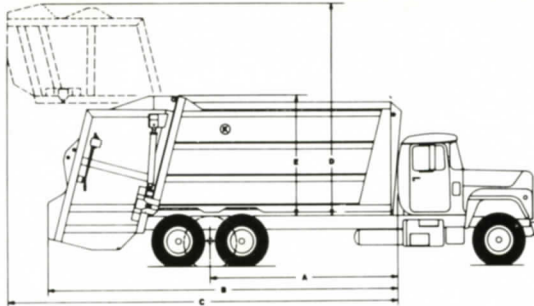


Single control lever for the automatic lock/unlock tailgate allows the operator to maintain a safe distance at all times during the off-loading procedure.



Automatic lock/unlock tailgate is an exclusive E-Z Pack ease of operation and safety feature. Assures positive locking and sealing; eliminates manual turnbuckles.

E-Z Pack® GOLIATH Rear Loader

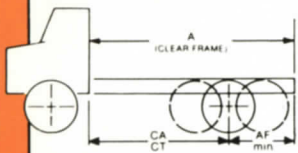


	20 Yd. (15.3m ³)	25 Yd. (19.1m ³)	31 Yd. (23.7m ³)
A. Cab to Trunnion (CT)	126-132" (3200.4-3352.8mm)	156-162" (3962.4-4114.8mm)	190-196" (4826-4978.4mm)
Cab to Axle (CA)	138-144" (3505.2-3657.6mm)	—	—
B. Length (Including Tailgate)	251" (6375.4mm)	285" (7239mm)	325" (8255mm)
C. Length (Tailgate Raised)	284" (7213.6mm)	318" (8077.2mm)	358" (9093.2mm)
D. Height (Tailgate Raised)	174¼" (4425.95mm)	174¼" (4425.95mm)	174¼" (4425.95mm)
E. Height (Above Frame)	97¾" (2482.85mm)	97¾" (2482.85mm)	97¾" (2482.85mm)
F. Inside Body Width	84" (2133.6mm)	84" (2133.6mm)	84" (2133.6mm)
G. Loading Ht. (Below Frame)	5½" (139.7mm)	5½" (139.7mm)	5½" (139.7mm)
H. Loading Opening	80" (2032mm) wide x 64" (1625.6mm) high		
J. Outside Width	96" (2438.4mm)	96" (2438.4mm)	96" (2438.4mm)
K. Weight	13,500 (6123.6kg)	14,100 (6395.76kg)	14,800 (6713.28kg)

Body Sides Hi-Ten	11 ga. (3.038mm)	Ejector Cylinder (1)	20 yd., 6½"-2 stage-D.A. (18.28m, 165.1mm-2 stage-D.A.)
Body Floor Hi-Ten	1/4" (6.35mm)		25 yd., 6½"-3 stage, D.A. (22.86m, 165.1mm-3 stage-D.A.)
Body Roof Hi-Ten	11 ga. (3.038mm)		31 yd., 7½"-4 stage-D.A. (28.34m, 190.5mm-4 stage-D.A.)
Hopper Sides Hi-Ten	3/16" 80,000 psi (4.74mm)		
Hopper Floor	1/4" 100,000 psi (6.35mm)		
Packing Panel Hi-Ten	1/4" plate (6.35mm)		
Packing Cylinders (2)	6" (152.4mm) Double Acting	Hydraulic Oil Tank	67 gal. (253.59 liters)
Sweep Cylinders (2)	4" (101.6mm) Double Acting	Hydraulic Pump	30 gpm @ 1200 rpm (113.56 lit./min.)
Tailgate Cylinders (2)	4" (101.6mm) Double Acting	Hyd. Filter (Suction)	50 gpm, 33 micron (189.27 lit./min.)
		Operating Pressure	2000 psi (13,789kpa)

Chassis Specifications

Specifications listed are intended as general guidelines only. Each chassis selection should be made on an analysis of the weight distribution for the particular chassis/packer combination in question including optional equipment and anticipated payloads.



	20 Yd. (15.3m ³)	25 Yd. (19.1m ³)	31 Yd. (23.7m ³)
CA	138-144" (3505.2-3657.6mm)	—	—
CT	126-132" (3200.4-3352.8mm)	156-162" (3962.4-4114.8mm)	190-196" (4826-4978.4mm)
A	172" (4368.8mm)	206" (5232.4mm)	246" (6248.4mm)
AF (min)	32" SA (812.8mm) 44" TA	44" (1117.6mm)	44" (1117.6mm)

Operational Features:

Compaction Cycle—manual hydraulic, automatic split cycle, fully reversible • **Cycle Time**—28-30 seconds • **Reload Time**—10-12 seconds • **Packer Panel**—curved, one-piece construction • **Ejector Panel**—travels on steel guide shoes, floor level track • **Packing Cylinders**—positioned away from refuse for trouble free operation • **Ejector Cylinder**—heavy-duty, double-acting, telescopic.

Standard Equipment:

Manual controls • ICC lights and reflectors meet DOT re-

quirements • Non-skid riding steps at rear corners of tailgate • Curbside buzzer • Automatic latch-unlatch tailgate.

Optional Equipment

Streetside buzzer • Airshift or hot shift PTO's • Front mount and fly wheel PTO's • 1-2 yard (.76-1.53m³) cable and chain type container attachments • 1-3 yard (.76-2.3m³) hydraulic container attachment • 8,000# (3628.8kg) overhead hoists • 14,000# (6350.4kg) reeving cylinder winch • System pressure gauge • Diesel engine kill switch • Return line filter.

Optional container dumping devices handle containers up to 10 cubic yards (7.646 cu. meters).

E-Z Pack®

Refuse Systems

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