E-Z Pack Front Loaders

Easy to Use. Easy to Own.

E-Z Pack products are simple to learn and straightforward to operate. The built-in features on our front loaders include ergonomically designed, integrated controls on select models, and control systems on all front loaders that are directed by simple relay logic rather than computer programs. Automatic tailgate locks and an Auto Pack cycle are also standard on all models.

AT E-Z Pack, we believe that simplicity and productivity go hand in hand. No onboard computers to complicate our products' efficient operations. No specialty tools needed to repair the machinery or replace parts. From our Powder Coat paint process to our simple and clean hydraulic routing, we've blended technology with common sense. The result is a refuse body that performs better, is easier to maintain, and delivers a lower cost of ownership day in and day out.

Quality and Innovation: Strength by Design

Our entire product line has been meticulously crafted with quality our foremost objective, and constant improvement a driving force. It's why E-Z Pack refuse bodies are known for low maintenance, high performance, and long-life dependability.

Engineered Smart Steel™

Each E-Z Pack body starts with Smart Steel engineering. Smart Steel means the right selection of hardness, tensile strength, ductility, abrasion resistance, and thickness for each specific application. Smart Steel engineering maximizes durability, saves weight where possible, and helps E-Z Pack deliver the largest payloads in the industry.

POWDER COATED TOUGH™ Paint Process by E-Z Pack, LLC

All our products are then finished with our long-life Powder Coat paint system, a unique and exclusive benefit of E-Z Pack's refuse bodies. Not only is the application process environmentally friendly, Powder Coat paint is much more resilient than traditional wet paint, assuring your E-Z Pack body will be well protected from natural elements and the harshest working environments for many years.

E-Z Pack innovation continues with our proven Fuel Saving Hydraulics system, which can save over 15% in fuel costs. And our Gladiator™ pack-eject cylinders are the best in the industry, with a unique floating stainless steel scraper that will keep corrosive elements out of your hydraulic system without causing premature wear common with other, more aggressive scraper cylinders.

OEM Parts: Quality, Fit, Form and Function

E-Z Pack is 100% committed to our parts business, producing OEM parts of the highest quality for your E-Z Pack refuse bodies, as well as a large selection of parts to fit other brands in your fleet. Our parts fulfill a promise no other company can claim: they are built to the design specifications of the same company that manufactures quality E-Z Pack refuse bodies. That means higher quality, better selection and guaranteed fast delivery.

Our knowledgeable sales team and strong dealer network ensures you'll receive the parts you need, when you need them, no matter where you are.

E-Z Pack

Innovation Made E-Z

E-Z Pack Holdings, LLC, is a leading manufacturer of refuse trucks, including front loaders, rear loaders, and quality OEM parts.

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Overall Body Advantages

1. Rugged, Durable and Proven Design

- Continuous Improvement since 1984

2. Simple – Easy to Maintain and Operate

- Operator friendly- state of the art technology with simple straight forward controls
- Minimal training required
- **No on board computers**
- Refuse mechanic understandable – easily maintained and repaired
- No computers necessary to fix or diagnose problem.
- Programming skills are not required

3. Engineered Smart Steel

- Steel engineered for the application
- Elongation threshold maintained
- Flexible yet fracture resistant
- 100,000 psi yield material as rolled (no post treatment)
- Field weldable, no special welding procedure required

4. Powder Coat Paint

- The only powder coat painted bodies in the refuse industry
- Five times more durable than wet painting
- Stronger UV and gloss retention 36 – 48 months
- Outstanding corrosion resistance
  - Super durable powder coat yields over 2000 hrs salt spray test. Liquid paint is only 300 hrs salt spray rating
- Immediate full cure impact resistance
  - Liquid paints require minimum 30 days to cure
- Lasts Longer – Better image for your company – Means fewer repaints in the life of your equipment
- Coating coverage on 100% of the exterior body components
  - Paint behind valves, switches, cylinders, hoses, etc.
- Easier service – Replacement of valves, cylinders and other components will not require color matching – All black
- Less chance of hydraulic system contamination
- Components coated before assembly; no paint on cylinder shafts or valve spools
- Electrical components / harnesses do not get painted
- Fasteners & pins are unpainted – electro-plated
- Distinctive, cleaner looking body

5. Body Mounting Hardware

- Rear “Fish Bone” mounting hardware provides for a multiple of chassis configurations with an exclusive captured bolt-on mount

6. Automatic Lock/Unlock Tailgate

- Proven design automatic tailgate locks provide a positive lock with (2) locking pins per side
- Manual safety pin along with a guarded in-cab operator switch are provided to ensure unintentional opening
- Locks are controlled by the tailgate raise cylinders
- No additional separate locking cylinders are required
- Tailgate does not slide up before opening – this means longer seal life

7. Intelligent Hydraulic Routing

- Hydraulic tubes are routed for easy maintenance and service. To replace any hydraulic tube, no more than one other tube or component must be removed. Control valves and modules are also easily accessible.
- Hydraulic tubes **are not painted**, but are zinc dichromate coated for long-life rust protection.
- Connections are cleaner and easier to service than typical painted hydraulic systems, with less chance of contamination from paint chips entering the system.

8. After the Sale Support

- Online warranty
- In-house warranty
- Training support
- Trained field service technicians
- Authorized Service Centers
- Dealer network as well as direct sales and service
- E-Z Parts availability – For all brands (McNeilus, Heil, Pak-Mor, Leach, Wittke, Labrie, G&H, Galbreath, Pioneer, Donovan, etc.)

Hercules Front Loader Advantages

1. Reliable – Structurally Proven Over Years of Service

- Trouble free pack cylinder structure
- Low stress 10,000# arm design
- Lower force arm lift geometry
- Less hopper wear

2. Packer/Ejector Cylinders

- Gladiator – The Ultimate Pack/Eject Cylinder – Latest generation with improved technology
- Leak proof, floating stainless steel scraper design is less aggressive than other scraper cylinders. Unique hydraulic flow prevents mis-staging, eliminating potential damage to internal body components. Manufactured in the USA exclusively for E-Z Pack by Hyco International.
- Twin 5 1/2” telescopic pack/eject cylinders for a fast pack cycle time of not more than 25 seconds and 120,000 lbs packing force
- Cylinder sleeves and barrel are Nitro carburize-hardened for damage and corrosion protection
- No chrome plating to chip and contaminate hydraulic system
- Packer panel compaction face is fabricated from AR 400, 150,000 psi yield steel

3. Optional Fuel Saving Hydraulics

- Save Up to 20% in fuel consumption – Green Machine!
- Patented system features oversized pressure compensating piston pump, with load sensing closed center control valve that senses the hydraulic flow needed to operate the truck's body functions.
- When hydraulic flow is not needed for body functions, none is transmitted, which means no power is used.
- Less power utilization means less fuel is used.
- Truck operates quieter, at lower RPM.
- Cycle times are faster and overall performance is quicker.

4. Autocar Integrated Body/Chassis

- Wiring in cab – frame drilling – frame prep / component placement – harness routing – In-cab body controls – pump mount / plumbing – **done by chassis manufacturer**
- Cleaner, less invasive installations
- Reduces body mount time for faster delivery

5. Available as Dedicated Residential Model

- Configuration of Dedicated Residential unit conforms to **legal weight** requirements.
- Residential Front Loader is a highly productive and efficient method of collection, due to close proximity of workers to their task when exiting low entry cab; flexibility to handle bulky items as well as carts; and less fequent need to cycle the unit because the operator can collect multiple homes before dumping the container.
- Faster operation than a commercial front loader equipped with an add-on carry can. The E-Z Pack Dedicated Resi is designed ***specifically*** for residential applications, and features smaller cylinders and a fuel efficient pump. Container dump time is approximately 10 seconds, versus 20 seconds for a typical commercial front loader.
- Traveling shield allows for loading while packing
- Fuel Saving Hydraulics configuration is standard, for economic operation and faster performance.
- Available in single axle 20 Yd model, and tandem / pusher axle models through 40 Cu Yd
- Available with standard carry can with or without tippers, Curotto Can II or Perkins Par-Can automated attachments
- As an alternative when commercial stops are the dominant purpose of a front loader, the commercial model Hercules can also be used as residential unit, using manual-load containers such as those available from Bayne and Perkins.

6. Body Understructure

- Superior design formed "V" style body long sills fabricated from 7 ga. 100,000 psi yield steel
- Long sills are 7" high and 13" wide at body floor and 3" wide at truck frame
- This design provides more supported floor area and no tire interferences found in cross-member style understructures

7. Hopper Understructure

- Superior design interlaced understructure
- Hopper long sills are fabricated from 7 ga. 100,000 psi yield steel, interlaced with (5) full width cross-members Cross-members are 4" x 2" x 3/16" wall structural tube
- At each cross-member a 7 ga. formed channel saddle section provides additional support by distributing the load across 8" rather than the 3" width of the long sill

8. Hopper and Body Floor

- Flat 1/4" 400 BHN, 155,000 psi yield hopper floor
- 3/8" 500 BHN, 188,000 psi yield wear plates for packer panel on each side and over long sills. 3" wide on sides, 6" wide in center
  - More than 4 times the wear surface area of a conventional body
- Radiused 3/16" 100,000 psi yield body floor provides a 100 gallon liquid sump. Reduces spills out the front of the body

9. Hopper Sides Walls

- Upper hopper sides 10 ga. 100,000 psi yield
- Lower hopper side 3/16" 100,000 psi yield
- Compaction zone hopper side liner, 10 ga. 100,000 psi yield 22" up
  - Liner provides the additional support; this is the highest wear area on the hopper side
  - Lined for easy replacement without sacrificing body integrity

10. Lift Arms Construction

- A True WASTEC rated 10,000 lbs and not more than a 20 second container dump time
- 3/4" x 3" 80,000 psi yield Inner and Outer arm bars
- 1/4" 100,000 psi yield side plates
- Arms are interchangeable for RH or LH
- Cylinder sizes determine arm lift capacity:
  - 8,000 lbs = 4 1/2" Lift and 4" Fork
  - 10,000 lbs = 5" Lift and 4 1/2" Fork
- Torque tube is a strong 4" OD 5/8" wall seamless tube extending through the 1 1/2" thick arm mounting flanges, supporting the load on the torque tube and requiring only (4) 3/4 " bolts to hold the arm in place
- Torque design requires ***only*** (2) torque tube ***split*** bearing blocks
  - Placement under the front corner of the body with the split horizontal is the key. When a load is picked up by the fork, forces are directed upward at the torque tube ***(against the meat of the bearing block on our body)***
- The HERCULES arm design provides the best starting levers in the industry.
  - When arms are down the starting lever is 24", when arms are up the starting lever is 11". (Superior Leverage) Example: If arms are up the HERCULES requires 700 PSI of hydraulic force to start the arms moving down. Other designs require as much as 1800 PSI of force. Less force means longer bearing life. It is also one of the reasons the HERCULES does not require 3 or 4 torque tube bearing blocks.

11. Fork Construction

- Bolt-on fork bearing blocks with 3" split bronze bearings allow easy replacement of bearing or the block itself
- No torching or welding required as with split block designs
- Strong 3 1/2" OD 3/4" wall seamless fork cross tube
- Std. 51" long working length forks are 1" thick 100,000 psi yield steel providing 50% more strength and a weight savings of up to 100 lbs. over competition's 1 1/2 " 50,000 psi yield forks
- Fork over-height proximity switch triggers an in-cab warning light and buzzer when the forks are in an unsafe over-height travel mode

12. Body Construction

- HERCULES body is constructed from a minimum of 100,000 psi yield steel anywhere that touches trash
- Bubble tailgate 10 ga. 100,000 psi yield
- Standard body sides are 10 ga. 100,000 psi yield (optional 7 ga. 100,000 psi available)
- Largest hopper opening
  - 101" long x 80 1/4" wide on 40 yd body
  - Reduces damage to larger containers by limiting lid contact with the back of the hopper
- Re-designed hopper door provides lower overall body height
- An enclosed cylinder cover has been added to protect the complete top door cylinder when the door is either open or closed

13. Hydraulic/Reservoir and Clean Fluid System

- 1/4" steel reservoir construction incorporates frame mounting flange as part of the tank structure. No need for a mounting saddle.
- 8" clean-out cover and 47 gallon capacity
- Internal baffling, return line diffuser and ball type shut-off valve are standard
- Twin 3 micron breathers
- 6 micron absolute return filter with electric dirt indicator in the cab
  - Optional high pressure 6 micron filter available
- Oil sight and temperature gauge
- 100 mesh suction strainer
- Screened filler port
- Lower sump section with 10" long magnetic rod
- 42 gpm Muncie live Pak pump with internal over speed
- Filter cart hydraulic ports are standard

14. Operator Controls

- HERCULES offers the best "tried and true" operator controls
- Simple relay logic controls are maintenance friendly
- Pneumatic joy stick or twin lever controls are standard
- Auto Pack cycle control is standard
- A full warning light package is supplied for operator awareness