

Hercules commercial front loader



E-Z Pack[®]
Refuse Systems

E-Z Pack[®] HERCULES

E-Z Pack developed a light weight, high-compaction front loader called Hercules.

Hercules weighs considerably less than most other front loaders in its class. This means more payload, more revenue per route, and more profit for you.

And Hercules engineering eliminates the excess weight without any compromise in durability or strength.

FAST CYCLE TIME

Hercules' compaction cycle time is a low 25 seconds, while its lift arm cycle time is only 20 seconds.

AUTOMATIC LOCK / UNLOCK REAR DOOR

Hercules' exclusive fully automatic hydraulic lock / unlock rear door provides fast, smooth operation.

Off-loading time is fast since the operator need only pull a lock pin, then depress a single rocker switch to unlock and raise the rear door.

Because the rear door locks hydraulically mechanically, it creates a positive seal.

CURVED SIDEWALLS

Hercules' curved sidewalls are formed from abrasion-resistant steel. They have a higher strength-to-weight ratio than flat, braced walls.

BUILT-IN SUMP

In addition, the curved rear body floor creates a 100 gallon sump which retains liquids, keeping them away from the cab and off the street.

OFF-LOADING

Hercules features full-eject off-loading, where the packing blade runs completely to the rear of the body, fully ejecting the load.

SIMPLIFIED HYDRAULICS

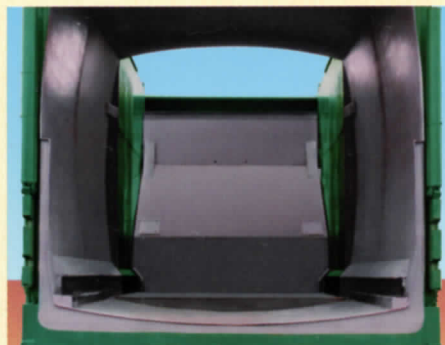
Hercules engineered hydraulic systems provide superior performance and minimal maintenance.

**A convincing demonstration
is yours for the asking**



Lift Arms — are engineered for extremely level container handling made easy and fast—cycle time is a quick 20 seconds. Available with 6K, 8K or 10K arms

Cylinders — induction hardened with chrome rods for extra long life. Buffer seal and wiper seal included in addition to standard rod seal.



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

100-gal. built-in sump — keeps fluids in recessed back of body, away from cab and controls. and off the street.



Curved sidewalls — *high strength-to-weight ratio; no heavy cross members; sheds elements — extending service life; eases off-loading.*

Full-eject off-loading

Less body weight — *allows Hercules to carry larger payloads — legally.*

34, 40 & 45 cubic yard body capacity — *high compaction ratio reduces disposal costs, allows increased flexibility and route planning.*

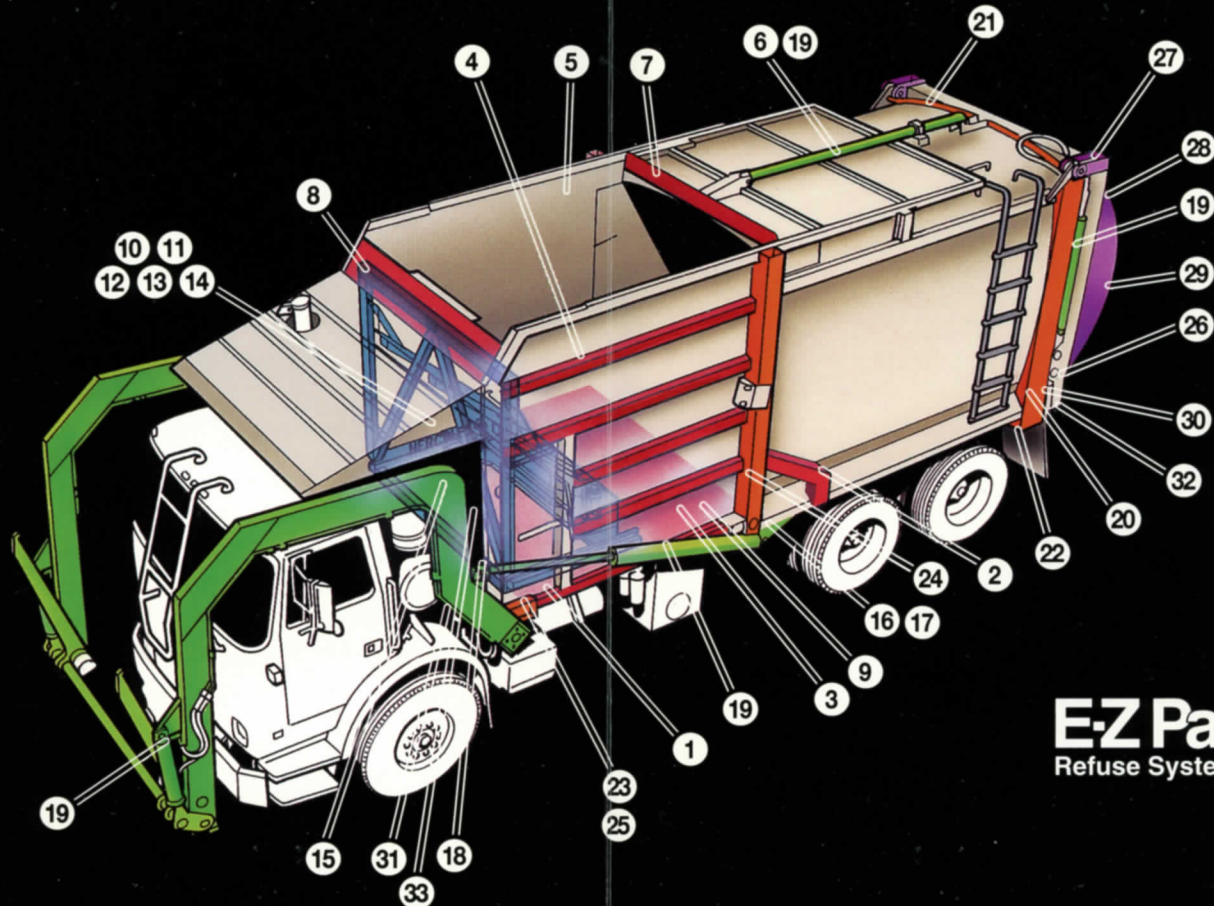
Hopper cover — *hydraulically actuated. Cover keeps debris from blowing out during transit.*



Light package standard — *4 1/2" diameter tail/directional lights plus 4 1/2" diameter amber caution lights.*



Added Strength in the Following Areas



HOPPER

- ① Hopper Floor Crossmembers
- ② Rear Hopper Crossmember
- ③ Hopper Floor
- ④ Hopper Horizontal Side Braces
- ⑤ Hopper Opening
- ⑥ Hopper Door Cylinder
- ⑦ Rear Hopper Crossmember - Roof
- ⑧ Reinforced Front Body Header
- ⑨ Guide Rail Sloped Plate

PACKING BLADE

- ⑩ Packer Face Sheet
- ⑪ Packer Cylinder Rod Pins
- ⑫ Packing Cylinders
- ⑬ Tel. Packing Cyl.
- ⑭ Wear Bar & Shoes

LIFT ARMS

- ⑮ Arms
- ⑯ Lift Arm Cylinder Base Pin
- ⑰ Base End Arm Cylinder Mounting Plates
- ⑱ Lift Arm Cylinder Rod Pin
- ⑲ Commercial Cylinders

BODY

- ⑳ Rear Body Post
- ㉑ Rear Roof Crossmember
- ㉒ Rear Post to Rub Rail
- ㉓ Longitudinal Reinforcement
- ㉔ Center Body Post
- ㉕ Longitudinal

TAILGATE

- ㉖ Lower Side to Vertical Post Juncture
- ㉗ Upper Side to Vertical Post Juncture
- ㉘ Top and Middle Rear Gate Sheet
- ㉙ Bottom Bubble Sheet
- ㉚ Tailgate Seal Extended

ELECTRICAL

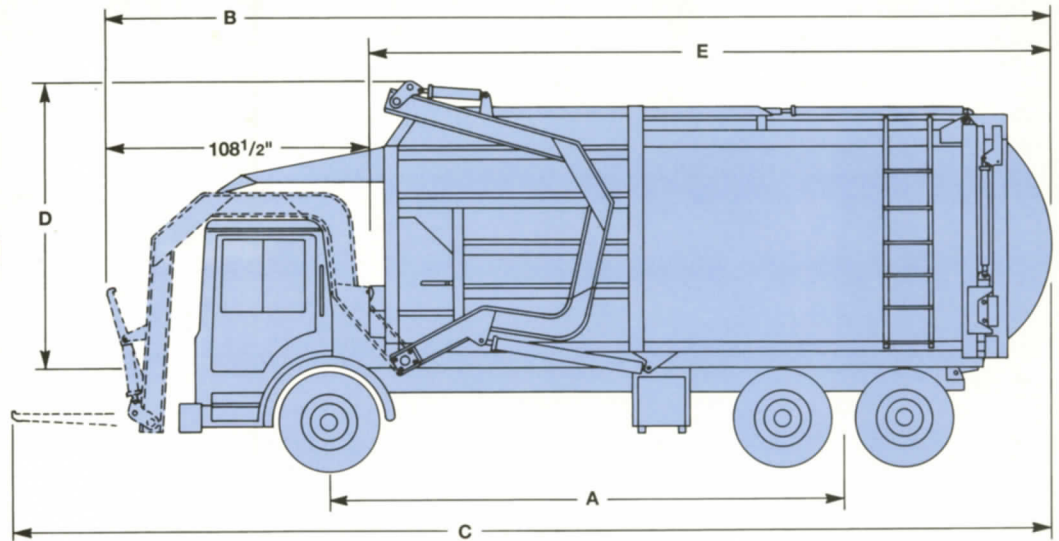
- ㉛ Limit Switch
- ㉜ Gate Up/Eject Interlock
- ㉝ Optional Full Eject Dump Valve

E-Z Pack®
Refuse Systems

Cylinders —
for extra long
addition to sta



E-Z Pack[®] HERCULES SPECIFICATIONS



Overall Width96" (2440 mm)
 Inside Width Front Section80 1/4" (2040 mm) Inside Height Front Section93 1/4" (2370 mm)
 Inside Width Rear Section88" (2235 mm) Inside Height Rear Section95" (2413 mm)

A Wheelbase Requirements Consult factory on all effective C/T and wheelbase dimensions and chassis load distribution.			
B	Overall Length — tailgate closed, forks perpendicular to ground, arms down	34 yd. ³	365.25" 9277.3 mm
		40 yd. ³	401.50" 10198.1 mm
		*45 yd. ³	433.50" 11010.9 mm
C	Overall Length — tailgate closed, forks parallel with ground	34 yd. ³	405.75" 10306.0 mm
		40 yd. ³	441.75" 11220.4 mm
		*45 yd. ³	473.78" 12034.0 mm
D	Overall Height above frame — arms in raised position		117.00" 2971.8 mm
	Hopper width		80.25" 2038.3 mm
	Hopper length		89.00" 2260.0 mm
E	Overall Length travel position	34 yd. ³	257.00" 6527.8 mm
		40 yd. ³	293.00" 7442.2 mm
		*45 yd. ³	305.00" 7747.0 mm
Total body weight (includes mtng. eqpt.) units — full eject		34 yd. ³	17,000 lb. 7711 kg
		40 yd. ³	18,000 lb. 8164 kg
		*45 yd. ³	18,500 lb. 8390 kg

BODY MATERIALS

Hopper

Floor1/4 Pl. 150,000 min. (6.35 mm)
 Side3/16 Pl. 80,000 min. (4.76 mm)

Body

Floor3/16 Pl. 80,000 min. (4.76 mm)
 Side3/16 Pl. 80,000 min. (4.76 mm)
 Roof10 Ga. 80,000 min. (3.42 mm)

Gate

Top bubble10 Ga. 80,000 min. (3.42 mm)
 Bottom bubble3/16 Pl. 80,000 min. (3.42 mm)

*Available on Request
(full eject only)

- Underbody stabilizer holds body rigid in dump position (dump style)
- 100 gal. (380 liters) sump created by curved rear body floor
- Four inch (100 mm) step between hopper and body helps retain material
- Body floor, sides and roof radiused for greater strength
- Bolt-in guide shoes replaceable in 15 minutes without removing packing blade
- Automatic latch/unlatch rear door
- Twin 6 1/2" (165.1 mm) packing cylinders develop 117,000 lbs. force (full eject)
- Twin 6" (152.4 mm) packing cylinders develop 100,000 lbs. force (dump style)
- 25 second packing cycle time
- 20 second container dump time
- Automatic packing cycle
- Interlaced 10" (254 mm) longitudinals under 10 yd. (7.65 cu. mt.) hopper
- Flange type 13"-wide (330 mm) wide longmembers under body
- Lower packing blade face exerts:
 - 55 PSI (3.8 kg/sq. cm.) on load (dump style)
 - 65 PSI (4.5 kg/sq. cm.) on load (full eject)

E-Z Pack reserves the right under its Product Improvement Program to modify construction and/or design details and furnish equipment when so altered without reference to illustrations and/or specifications shown herein. All specifications subject to change without notice.



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