

# Goliath G-300

**HIGH-COMPACTION REAR LOADER**



***Simple, lightweight design for high-compaction reliability.***

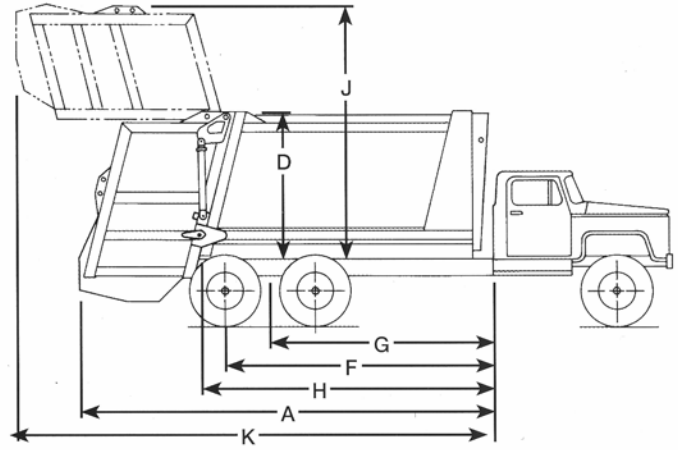
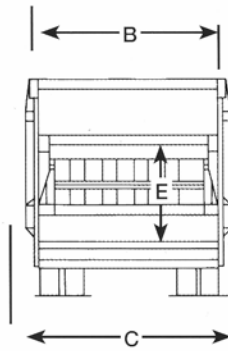


# E-Z Pack

## GOLIATH G-300

### High-Compaction Rear Loader

### SPECIFICATIONS



MODEL NO.	18 yd.	20 yd.	25 yd.	31 yd.
Capacity	(13.8 cu. mt.)	(15.3 cu. mt.)	(19.1 cu. mt.)	(23.7 cu. mt.)
A LENGTH (INCLUDING TAILGATE)	223" (5664 mm)	238" (6045 mm)	272" (6909 mm)	312" (7925 mm)
B INSIDE WIDTH (BODY)	91" (2311 mm)			
C OUTSIDE WIDTH	96" (2438 mm)			
D HEIGHT (ABOVE CHASSIS FRAME)	90-1/4" (2292 mm)			
E LOADING OPENING	80" x 58" (2032 x 1473 mm)			
F CAB-TO-AXLE	120"-126" (3048-3200 mm)	138"-144" (3505-3658 mm)	N/A	N/A
G CAB-TO-TRUNNION	N/A	126"-132" (3200-3353 mm)	156"-162" (3962-4115 mm)	190"-196" (4826-4978 mm)
H DECK LENGTH CLEAR PLATFORM	155" (3937 mm)	170" (4318 mm)	204" (5182 mm)	244" (6198 mm)
J HEIGHT TAILGATE RAISED	155-1/2" (3950 mm)			
K LENGTH TAILGATE RAISED	262" (6655 mm)	277" (7036 mm)	311" (7899 mm)	351" (8915 mm)
LOADING HEIGHT	Up to 5-1/2" (140 mm) Below Chassis Frame			
HOPPER CAPACITY	3 cu. yd. (2.3 cu. mt.)			
WEIGHT	12,140 lbs. (5507 kg)	12,410 lbs. (5629 kg)	13,025 lbs. (5908 kg)	13,825 lbs. (6271 kg)

\*Chassis 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 including optional equipment and anticipated payloads.

CONSTRUCTION AND OPERATIONAL DETAILS	
Body Sides	7 ga. 100,000 PSI (4.76 mm)
Body Floor	3/16" 50,000 PSI (4.76 mm)
Body Roof	10 ga. 50,000 PSI (3.42 mm)
Ejector Panel	3/16" 50,000 PSI (4.76 mm)
Hopper Sides	Lower 1/4" T-1 100,000 PSI (6.35 mm)/Upper 3/16" 50,000 PSI (4.76 mm)
Hopper Floor	1/4" T-1 100,000 PSI (6.35 mm)
Packing Panel	1/4" 50,000 PSI (6.35 mm)
Packing Cylinders (2)	5-1/2" Double Acting (140 mm)
Sweep Cylinders (2)	4" Double Acting (102 mm)
Tailgate Cylinders (2)	3" Double Acting (76 mm)
Ejector Cylinder (1)	18 yd. 6-1/2" (165 mm) 2-Stage DA 20 yd. 6-1/2" (165 mm) 2-Stage DA 25 yd. 6-1/2" (165 mm) 3-Stage DA 31 yd. 7-1/2" (191 mm) 4-Stage DA
Hydraulic Oil Tank	37 gal. (140 liter)
Hydraulic Pump	27 GPM @ 1200 RPM (102 liter/min.)
Hydraulic Filters (Return) (Suction)	10 Micron 100 Mesh
System Operating Pressure	2200 PSI

NOTE: PTO Requirements are 45 HP @ 1200 RPM (Torque Rating 250 Ft. Lb.) Minimum  
SPECIAL NOTE: Chassis must be equipped with diesel engine and requires variable speed governor.

#### Standard Equipment:

- Manual Controls
- Gate Props
- Back Up Alarm
- Body Lifting Eyes
- High Mount Light Package
- ICC Lights and Reflectors Meet DOT Requirements
- Non-Skid Riding Steps at Rear Corners of Tailgate
- Streetside and Curbside Buzzers
- Automatic Latch-Unlatch Tailgate

#### Optional Equipment:

- Airshift or Hot Shift PTO's
  - Streetside Access Door
  - Front Mount Pump
  - Dual Hopper Flood Lights
  - Rear Body Side Liner
  - 10,000# (4536 kg) Overhead Winch\*
  - 14,000# (6350 kg) Reeving Cylinder Winch\*
  - System Pressure Gauge
  - 1-3 Yard (.76-2.3 cu. mt.) Hydraulic Container Attachment
- \*Optional Container Dumping Devices Handle Containers up to 10 Cubic Yards (7.6 cu. mt.).

#### Operational Features:

- **COMPACTION CYCLE:** Manual hydraulic, automatic split cycle, fully reversible.
- **CYCLE TIME:** 28-30 seconds, reload @ 10-12 seconds.
- **PACKER PANEL:** Curved, one-piece construction.
- **EJECTOR PANEL:** Travels in steel guide shoes, floor level track.
- **PACKING CYLINDERS:** Positioned away from refuse for trouble-free operation.
- **EJECTOR CYLINDER:** Heavy-duty, double-acting, telescopic.

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