

BETA-III[®]

REAR LOADER

Featuring the Series III Rounded Body
and the Beta Tailgate

New!
The Industry's Choice
Rounded Body



The High-Compaction, Full-eject, Versatile Rear Loader

Performance to Serve Both Residential and Commercial

With the new rounded body, the Beta-III rear loader excels in meeting both residential and commercial challenges. The new, sleek profile is a perfect match for the high-compaction tailgate. Beta-III's large 3-cubic yard hopper features fast packing and reload cycles. With 16 to 32-yard body sizes and a wide range of container handling options, nothing will stand in the way of achieving your productivity goals.

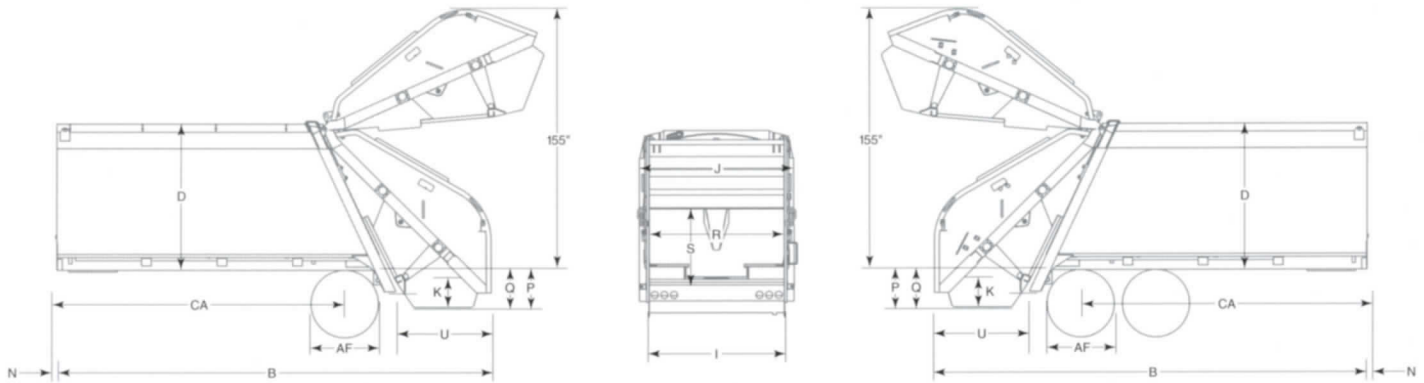
Designed for Strength and Performance

- High compaction ratings – 1,000 lbs./cu. yd.
- Floor-Trough™ design strengthens entire body while providing a natural sump for liquid containment
- Efficient multi-stage full-eject cylinder positioned off the floor to protect shaft and seals from damage
- Heavy-duty abrasion-resistant steel hopper bottom for maximum durability

Built for Maintenance and Operating Efficiency

- Curbside dual-lever packing controls
- All lights sealed and grommet mounted; rear lights on upper panel and hopper utility lights standard; heat-shrink wire connections throughout
- Low loading height for operator convenience
- Full range of optional container handling systems
- Easily removable ejection panel shoes located front and rear of panel
- Meets ANSI Z-245.1 safety standards

LEACH[®]
Subsidiary of Federal Signal Corporation



BETA-III

	SINGLE AXLE		TANDEM AXLE			
	16 CU. YD. (12 CU. M)	18 CU. YD. (13 CU. M)	20 CU. YD. (15 CU. M)	25 CU. YD. (19 CU. M)	29 CU. YD. (22 CU. M)	32 CU. YD. (24 CU. M)
BODY DIMENSIONS						
B Overall Length	204" (5,182 mm)	217" (5,512 mm)	230" (5,842 mm)	268" (6,807 mm)	301" (7,645 mm)	324" (8,230 mm)
CA (Note 2)	106" (2,692 mm)	118" (2,997 mm)	134" (3,404 mm)	156" (3,962 mm)	189" (4,801 mm)	206" (5,232 mm)
AF After Frame	38" (965 mm)	38" (965 mm)	38" (965 mm)	51" (1,295 mm)	51" (1,295 mm)	57" (1,295 mm)
• Min. Truck GVWR Requirement (Note 1)	38,000 lbs. (17,237 kg.)	41,000 lbs. (18,597 kg.)	46,000 lbs. (20,865 kg.)	54,000 lbs. (24,494 kg.)	58,000 lbs. (26,308 kg.)	60,000 lbs. (27,216 kg.)

BODY DIMENSIONS	ALL AXLES - ALL SIZES
D Height Above Chassis Frame	93" (2,362 mm)
I Body - Outside Width	96" (2,438 mm)
J Body - Inside Width (Max)	90" (2,286 mm)
K Hopper Depth	16" (406 mm)
N Start of Clear CA to Body Front	2" (51 mm)
P Top of Step Below Chassis Frame	23" (584 mm)
Q Hopper Bottom Below Chassis Frame	25" (635 mm)
R Hopper Opening Width	84" (2,134 mm)
S Hopper Opening Height	59" (1,499 mm)
U Rear of Body to Rear of Tailgate, Closed	57" (1,448 mm)
• Height Above Chassis Frame (Tailgate Raised)	155" (3,937 mm)
• Load Sill Below Chassis Frame	5" (127 mm)
• Hopper Capacity	3.0 cu. yd. (2.3 m ³)

Features

- Sides, front and rear reinforced with electrically welded box sections.
- Contents of body sealed off from outside during compaction cycle.
- Steps and grab handles both sides of tailgate.
- Buzzer system provided both sides at rear to enable loaders to signal driver.
- Load is ejected by simple, easily maintained, double-acting cylinder.
- Dual-lever packing controls at rear of hopper ... curbside.
- Single-lever ejection control at front of body ... street side.
- Single-lever tailgate lift control at front of body ... street side.
- Leach exclusive polyurethane paint process. White standard. Other colors optional.
- Meets all ANSI Z-245.1 Safety Standards.

- Notes: 1. Truck selected must be capable of carrying net weight of body plus weight of refuse to be collected.
2. CA must be usable with no obstructions protruding above frame.

Hydraulic System

- Cylinders
 - (2) 5" double-acting packer plate cylinders
 - (2) 5.5" double-acting carrier plate cylinders
 - (2) 4" single-acting tailgate lift cylinders

Ejection Cylinder

Body Size	Stages	Sizes
16	2	5x4
18	2	5x4
20	2	5x4
25	3	6x5x4
29	4	6x5x4x3
32	5	7x6x5x4x3

- Pump
 - Leach - gear type pressure compensating
 - Capacity - 42 GPM @ 1,200 RPM

- Maximum Operating Pressure - 2,300 PSI
- Hydraulic Tank
 - Capacity - 50 gallons
 - Location - Right-hand front on floor inside body
 - Filters - 141 micron in-line suction strainer with by-pass valve
 - 10 micron return line filter with by-pass valve

- Sight gauge - located on tank at eye level

Body Construction

- Sides - 11 gauge Hi-Tensile, 80,000 PSI
- Top - 11 gauge Hi-Tensile, 80,000 PSI
- Floor - 50,000 PSI steel
- Floor-Trough - one-piece steel construction

Tailgate Construction

- Hopper sides - 1/4" 80,000 PSI
- Hopper bottom - 1/4" 100,000 PSI
- Packer and carrier plates - 3/16" 100,000 PSI
- Top Sheet - Secured with fasteners ... easily removed for maintenance

Optional Equipment

- Container handling
- Cart tipper (S)
- Lighting packages
- Commercial packages
- Many others available upon request

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