

ALPHA-III[®]

REAR LOADER

Featuring the Series III Rounded Body
and the Alpha-III Tailgate



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

Designed for Residential and Commercial Use

Take a closer look at the newest generation of Alpha residential rear loaders. The Alpha-III Tailgate has a big 3-cubic yard hopper with a mighty 900-plus lbs./cu. yd. compaction rating. Container handling versatility makes it a natural for those intermittent commercial stops. Plus the rugged Series III Rounded Body gives this rear loader the ability to collect, pack and eject better than ever. With a stronger body, fast hydraulics, and greater ejection force, the Alpha-III can really go to town.

The Alpha Tailgate is Built to Perform

- High-compaction ratings – 900-plus lbs./cu. yd.
- Lower load edge – reduced 4"
- Shorter overall wheelbase
- Top-mounted hydraulic lines – protected and accessible

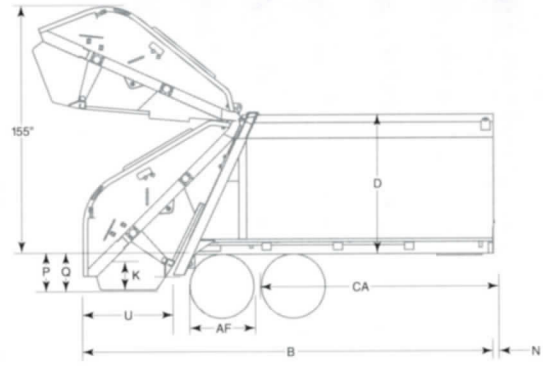
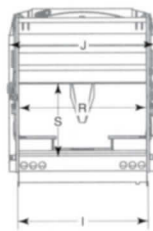
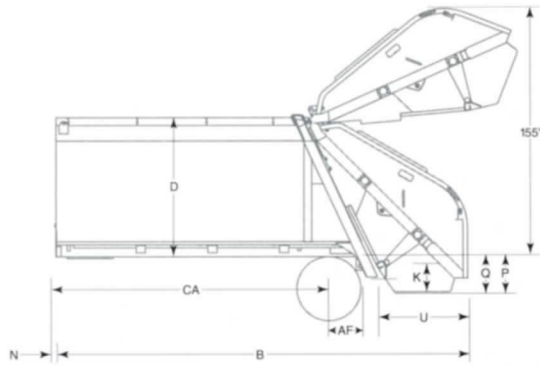
The Series III Rounded Body is Exceptionally Strong

- Exceptionally strong body – 80,000 PSI steel end-to-end
- Unique 6" floor flanges – double life of lower edges
- Stronger, thicker floor – 1/4" 50,000 PSI steel
- Superior floor strength – one-piece 5/16" steel floor trough
- Smooth exterior sides – simplify signage
- Plated hydraulic tubing – 100-hour salt spray performance tested
- Front body upper enclosure – now standard
- Sealed and grommet-mounted lights
- Heat shrink wire connections throughout
- Ejector panel wear shoes – self-cleaning, easy access



Stronger All Around.

C. N. WOOD CO., INC.
200 MERRIMAC STREET
WOBURN, MA 01801



ALPHA[®]

BODY DIMENSIONS	SINGLE AXLE				TANDEM AXLE		
	14 CU. YD. (11 CU. M)	16 CU. YD. (12 CU. M)	18 CU. YD. (14 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)
B Overall Length	192" (4,877 mm)	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)	93" (2,362 mm)	106" (2,692 mm)	118" (2,997 mm)	131" (3,327 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)	39" (991 mm)	51" (1,295 mm)	51" (1,295 mm)	57" (1,448 mm)
• Min. Truck GVWR Requirement (Note 1)	28,000 lbs. (12,701 kg.)	30,000 lbs. (13,608 kg.)	31,500 lbs. (14,288 kg.)	33,000 lbs. (14,969 kg.)	50,000 lbs. (22,680 kg.)	56,000 lbs. (25,401 kg.)	58,500 lbs. (26,535 kg.)

BODY DIMENSIONS	SINGLE AXLE - ALL SIZES	TANDEM AXLE - ALL SIZES
D Height Above Chassis Frame	93" (2,362 mm)	93" (2,362 mm)
I Body - Outside Width	96" (2,438 mm)	96" (2,438 mm)
J Body - Inside Width (Max)	90" (2,286 mm)	90" (2,286 mm)
K Hopper Depth	16" (406 mm)	16" (406 mm)
N Start of Clear CA to Body Front	2" (51 mm)	2" (51 mm)
P Top of Step Below Chassis Frame	23" (584 mm)	23" (584 mm)
Q Hopper Bottom Below Chassis Frame	25" (635 mm)	25" (635 mm)
R Hopper Opening Width	84" (2,134 mm)	84" (2,134 mm)
S Hopper Opening Height	59" (1,499 mm)	59" (1,499 mm)
U Rear of Body to Rear of Tailgate, Closed	57" (1,448 mm)	57" (1,488 mm)
• Height Above Chassis Frame (Tailgate Raised)	155" (3,937 mm)	155" (3,937 mm)
• Load Sill Below Chassis Frame	5" (127 mm)	5" (127 mm)
• Hopper Capacity	3.0 cu. yd. (2.3 m ³)	3.0 cu. yd. (2.3 m ³)

Features

- Adjustable steps and stationary grab handles on both sides of tailgate
- Lightweight, two-piece black poly top sheets (covers) provide quick easy access and improve serviceability for hydraulic components
- Optimum tailgate seal height reduces chance of seepage
- Buzzer system enables loaders to signal driver (located both sides at rear)
- Dual-lever packing controls at rear of hopper, curbside
- Single-lever tailgate lift control is located at the front of body, street side
- Leach exclusive polyurethane paint process
- White color standard, other colors available
- 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) 4.5" 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
14	1	4
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 - 38 GPM @ 1,200 RPM

- Maximum Operating Pressure - 2,150 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 - 3/16" 80,000 PSI
- Hopper bottom - 3/16" 100,000 PSI
- Packer and carrier plates - 3/16" 50,000 PSI
- Top Sheet - Secured with fasteners ... easily removed for maintenance

Optional Equipment

- Container handling
- Cart tippers
- Lighting packages
- Commercial packages
- Many others available upon request



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