

Alpha™

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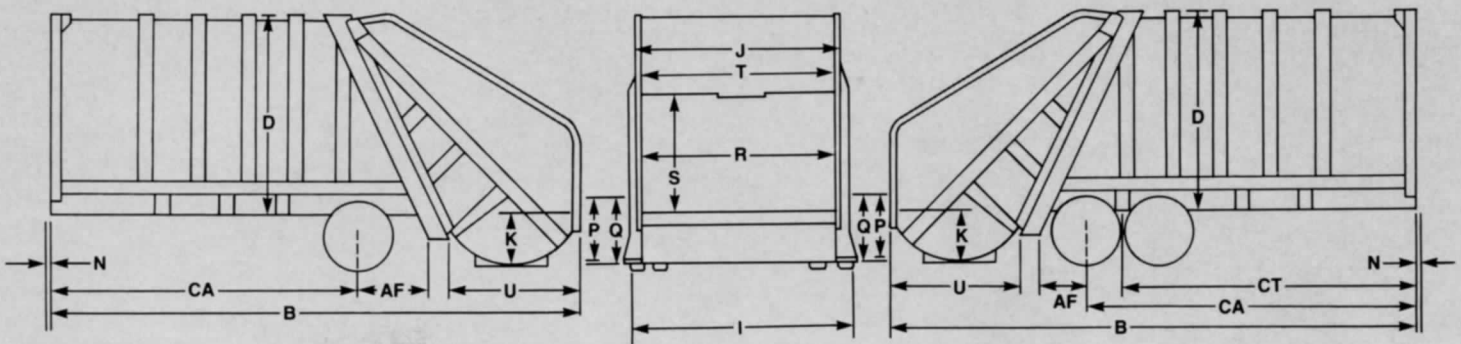
Beginning the new generation...

Alpha

- Fully Usable 3 Cubic Yard Hopper, with 84" X 53" Opening.
- Low Pressure, High Volume Hydraulic System.
- Low Loading Height... Approximately 1" below Truck Frame.
- 10-Second Reload Time.
- Full Exterior Continuous Welds for Greater Strength.
- Efficient Container Handling with Optional Container Attachments.
- Performance-Proven 5" Roller.
- Construction is State-of-the-Art for Lasting Performance in the Leach Tradition.
- State-of-the-Art Materials Provide Greater Strength and Durability, Less Vehicle Weight.
- Single Lever Joy Stick Packing Control.
- Heapable Hopper Accepts More Refuse Per Packing Cycle.
- Clamp-On Ejection Standard; Telescopic Ejection Optional.
- Leach Exclusive Baked-On Enamel Finish.
- Meets all ANSI Safety Standards.
- Leach Designed... Leach Built... With Traditional Leach Reliability.



America's most efficient refuse collection systems



BODY DIMENSIONS	Single Axle			Tandem Axle				
	16 Yd.	18 Yd.	20 Yd.	12m ³	13m ³	15m ³	25 Yd.	19m ³
AF After Frame	35"	35"	35"	889mm	889mm	889mm	24"	610mm
B Overall Length	208"	221"	235"	5283mm	5613mm	5969mm	272"	6909mm
CA To Centerline of Rear Axle	110"	123"	136"	2794mm	3124mm	3454mm	184"	4674mm
CT To Centerline of Trunion (50" Beam)	-	-	-	-	-	-	159"	4039mm
D Height Above Chassis Frame (with 3" sill)	90"	90"	90"	2286mm	2286mm	2286mm	90"	2286mm
I Body—Outside Width	96"	96"	96"	2439mm	2439mm	2439mm	96"	2439mm
J Body Inside Width	90"	90"	90"	2286mm	2286mm	2286mm	90"	2286mm
K Hopper Depth	20"	20"	20"	508mm	508mm	508mm	20"	508mm
N Interference Point Above Chassis Frame	3"	3"	3"	76mm	76mm	76mm	3"	76mm
P Top of Step Below Chassis Frame	20"	20"	20"	508mm	508mm	508mm	20"	508mm
Q Hopper Bottom Below Chassis Frame	22"	22"	22"	559mm	559mm	559mm	22"	559mm
R Hopper Opening Width	84"	84"	84"	2134mm	2134mm	2134mm	84"	2134mm
S Hopper Opening Height	53"	53"	53"	1346mm	1346mm	1346mm	53"	1346mm
T Hopper Inside Width	84"	84"	84"	2134mm	2134mm	2134mm	84"	2134mm
U Rear of Body to Rear of Tailgate Closed	58"	58"	58"	1473mm	1473mm	1473mm	58"	1473mm
■ Height Above Chassis Frame (Tailgate Raised)	157"	157"	157"	3988mm	3988mm	3988mm	157"	3988mm
■ Loading Lip Below Chassis Frame	1"	1"	1"	25mm	25mm	25mm	1"	25mm
■ Center of Gravity Measured From Front of Body								
—Body Only	96"	104"	113"	2438mm	2642mm	2870mm	125"	3175mm
—Pay Load	65"	73"	83"	1651mm	1854mm	2108mm	98"	2489mm
■ Hopper Capacity	3.0 cu. yd.	3.0 cu. yd.	3.0 cu. yd.	2.3m	2.3m	2.3m	3.0 cu. yd.	2.3m
■ Approx. Body Weight	10,225 lbs.	10,500 lbs.	10,770 lbs.	4638 Kg	4763 Kg	4885 Kg	11,530 lbs.	5230 Kg
■ Min Truck GVWR Requirement	29,500 lbs.	31,000 lbs.	32,500 lbs.	13381 Kg	14062 Kg	14742 Kg	46,000 lbs.	20866 Kg

NOTES: *Truck selected must be capable of carrying net weight of body plus weight of refuse to be collected.
 *CA Must be usable with no obstructions protruding above frame.
 *Specifications subject to change without notice.

Features

- Sides, front and rear reinforced with electrically welded box sections.
- Contents of body sealed off from outside during compaction period.
- Steps and grab handles both sides of tailgate.
- Buzzer system provided both sides at rear to enable loaders to signal driver.
- Load is pushed out by simple, easily maintained, double-acting cylinder.
- Single lever packer control 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 baked-on enamel finish. White standard. Other colors optional. (Other colors may affect visibility)
- Meets all ANSI Safety Standards.

Hydraulic System

- **Cylinders**
 - (2) 5" double-acting packer plate cylinders
 - (2) 6" double-acting carrier plate cylinders
 - (1) 5" double-acting ejection cylinder
 - (1) 5" double-acting clamping cylinder
 - (2) 4" single-acting tailgate lift cylinders
- **Pump**
 - Leach—spur gear type
 - Capacity—42 GPM @ 1400 RPM
 - Maximum operating pressure—1500 PSI
- **Hydraulic Tank**
 - Capacity—45 gallons
 - Location—Right hand front on floor inside body
 - Filters—141 micron in-tank suction strainer
 - 10 micron return line filter
 - By-pass valve
- **Sight gauge**—located on tank at eye level

Body Construction

- Sides—11 gauge Hi-Tensile
 - Top—11 gauge Hi-Tensile
 - Floor—11 gauge Hi-Tensile
 - Floor trough— $\frac{1}{4}$ " 80,000 PSI
- ### Tailgate Construction
- Hopper sides— $\frac{3}{16}$ " 80,000 PSI
 - Hopper bottom— $\frac{3}{16}$ " 100,000 PSI
 - Packer and carrier plates— $\frac{3}{16}$ " 50,000 PSI
 - Top Sheets—Secured with quick release fasteners ... easily removed for maintenance

Optional Equipment

- Chain container attachment
- Hydraulic container attachment
- 8,000 lb. overhead winch
- 12,000 overhead winch
- 12,000 lb. container lifting cylinder

LEACH

Pacesetter in Sanitation

EL Industries Inc.

2 North LaSalle Street
Chicago, Illinois 60602
(312) 236-0728

International Distribution:
EL Industries International
2 North LaSalle Street ■ Chicago, Illinois 60602
Cable: ELINDINT, CGO ■ Telex 25-4146

C. N. WOOD CO., INC.
326 COMMERCIAL STREET
MALDEN, MA 02148
(617) 322-5300