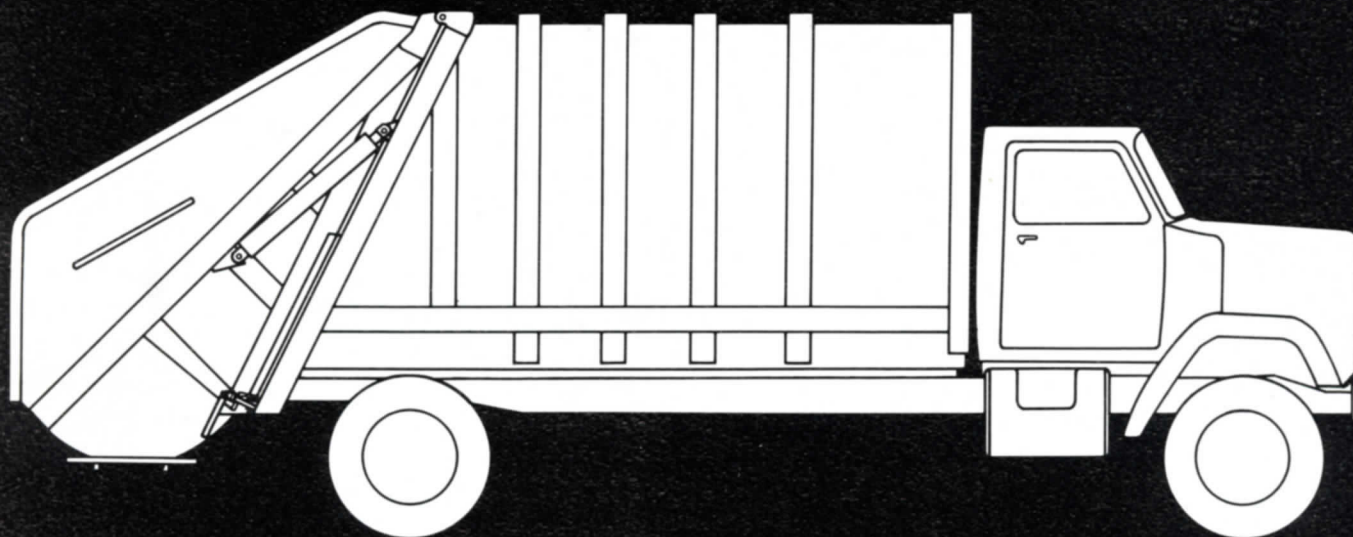


Alpha™

by
LEACH

SPECIFICATIONS



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

Here's what *Alpha* users are

**Marv Woodward, President
Woodward Disposal Services Inc.
Hastings, Nevada**

“We've always thought SaniCruiser was best in its class. Now we think Alpha is even better. Put into residential service in June 1985, our 20-yarder, its two men and two rear-mounted lifters collect 400 curb/backyard stops a day. The guys like Alpha's large hopper. It takes the contents of six to eight 90-gallon carts before it needs cycling. Our other packers require cycling after only two carts. We also like Alpha's very high compaction. Weigh tickets show it gets up to double the compaction of our other packers. No question, Alpha is going to gain a lot of sales.”

**Ed Pulver, President,
Pulver Sanitation Inc.,
Underwood, North Dakota**

“What our year of ownership shows is that Alpha gives us higher compaction than we've ever had with units in its class. Alpha holds at least two extra yards of refuse per load over the others. Our rig collects from 300 homes per day. We considered ourselves lucky before to get 225 homes per packer per day. Alpha's appearance is important to us, too. We like to be proud of our equipment, and we're sure proud of its nice neat look. It's a lighter machine, too, than others, therefore ideal for serving smaller routes where it doesn't burn as much fuel nor require as much maneuvering space.”

**Steve Palubicki
Manager, Quality Waste Control
Burnsville, Minnesota**

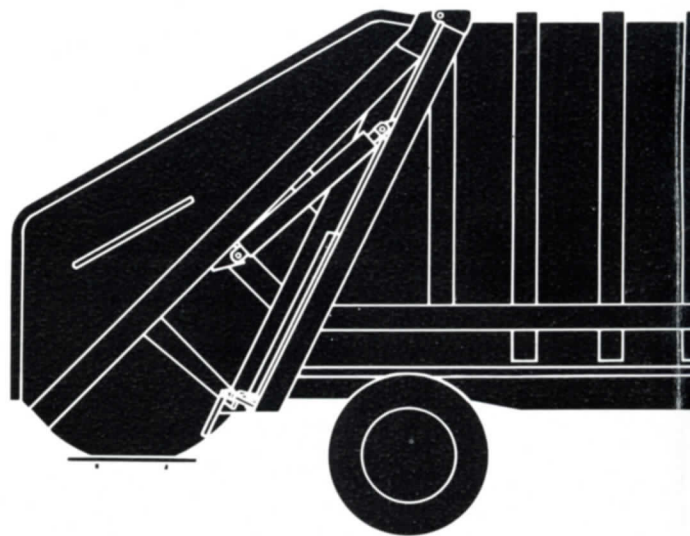
“Before we got our Alpha a year ago, we used a 16-yd Garwood rear-loader on a 200-stop combined backyard residential and commercial container route. What previously required 2 to 2½ loads then is now usually done by Alpha in 1 load. In lighter periods, Alpha goes 2 to 3 days without dumping. It sure packs one heck of a load. Despite the stresses imposed by the weights and volumes, both box and blade mechanics are holding together very well. The entire machine is easy to maintain. It needs little greasing. It's worked very well for us, with no problems.”

**Stan Draves, Co-Owner
Northfield Disposal Co.
Northfield, Minnesota**

“Leach has always made fine equipment and we think the Alpha is one of their finest products ever. Its single-axle chassis gave us a vehicle light enough to save the 12% federal excise purchase tax. Our unit helps service our 300 commercial containers plus the 5000 students in our city's two colleges, Carleton and St. Olaf. Alpha operates everywhere most efficiently. Combined collections average 30 compacted yards per day. The sweep-type blade compacts large items like refrigerators with no problem. In total, the unit performs like a scaled-down version of the Leach 2-R, the strongest, toughest, hardest-working, most reliable packer you can buy.”

**Norman Taylor, Vice President
Donno Company Inc.
Great Neck, New York**

“It's obvious Leach has truly and aggressively addressed our industry's most recent problems. Their new Alpha definitely meets what we think is needed today in the mid-compaction class. The machine fulfills what every collector wants—compaction. We've experienced payloads far greater than our most optimistic expectations. Its operation is similar to that of our 55 Leach 2-R's so our personnel need very little special training. Its 2-R-type hopper provides the same easy-loading characteristics. We like its fast packing cycle. We like its production: with a two-man crew, around 420 unlimited backdoor collections daily. Its lighter, smaller single-axle chassis makes it more economical to buy and run. Our unit has been trouble-free. We're definitely planning to get more of them!”



e saying about the new Leach

**Bill Vogt, President
Bill's Sanitation Inc.
Belleville, Illinois**

“ Our 20-yard Alpha spends most of its time in our home city handling 1,700 residences and 200 commercial accounts every week. It packs extremely well. Its average payload is approximately 25% more than our Leach SaniCruisers. Its single-axle chassis makes it easy to get around. Its packing system takes bigger objects effortlessly. Its pushout cyclinder gets rid of its contents faster and cleaner. Would I buy another? You bet! ”

**Dennis McGuire
Supervisor Collection and Disposal
City of Wadsworth, Ohio**

“ On residential collections, Alpha provides the biggest loads of any mid-compaction packers we have ever used. Its big hopper and 2-R-type sweeper blade keep spillage off the ground. On commercial pickups, it easily and quickly handles our 1 to 8-yd containers. The packer mechanism practically never binds or pushes contents outward. So the ground stays clean. Thus, we've found Alpha to be a lot better packer than our three other-make machines. Components are readily accessible. Downtime is minimal. We've been real happy with it. ”

**Jim Hilligas, Owner
Wahoo Sanitation
Wahoo, Nevada**

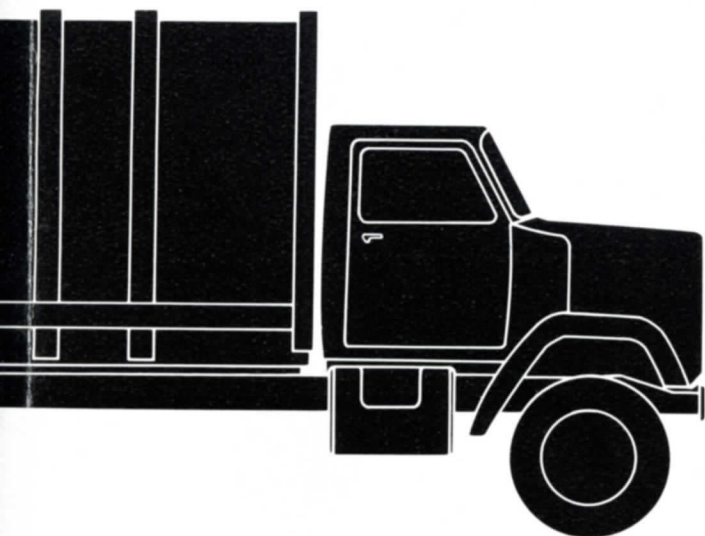
“ For my work, Alpha is one great machine! My 18-yarder is now my one and only truck. I run it by myself. Its ease of operation and packing ability have enabled me to collect 40 to 50 more residential and commercial stops per 8-hour day. Everything now goes into 1 load compared to the 1½ to 2 loads formerly needed by my 17-yard SaniCruiser. I like its clearance. My former rear-loaders used to drag through dips. This one rides higher so it doesn't scrape bottom, yet its hopper is 3" to 4" lower which sure helps reduce my fatigue. Alpha also requires far less maintenance. What must be done is easier to get to and handle—important to me since I do all such work myself. ”

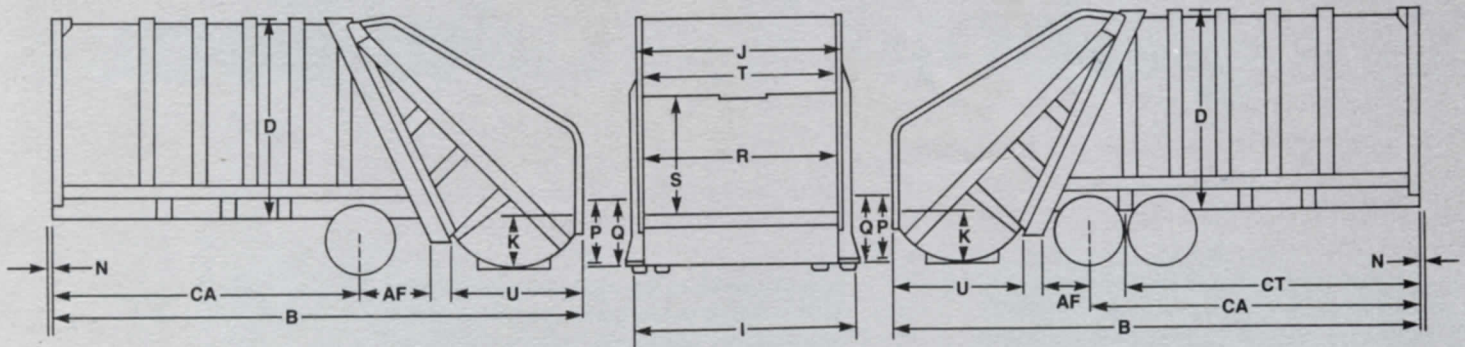
**John Mix, President
Tri-County Disposal A & J Inc.
Berlin, Wisconsin**

“ For container handling, Alpha is the answer to a collector's dream. We utilize our 18-yard unit mostly to service our 200 industrial and commercial stops. We're impressed with the way the machine's large hopper and fast cycling eat up the contents of even the biggest bins (8 yds). Gross loads range from 1/3 to 2/3 more than our 6-year-old Sani-Cruisers and other 3-year-old rear loaders. Compact and short, the machine moves in and out of tight places quickly and safely, cuts close around parked cars, and reduces route time by one-third over other rear-loaders. It unloads faster, too; its telescoping action pushes everything out even in the coldest weather. Thus, when it comes to rear-loaders, we expect to always buy 100% Leach. Construction by the factory and service by our distributor are tops. So is this new Alpha. ”

**George Pezold Sr., President
Pezold Hauling Service, Inc.
Florissant, Missouri**

“ Our 20-yard Alpha has been assigned to one of our 12 all-Leach residential routes. One man, working a semi-rural area, picks up 400 to 500 curbside stops per day. Its payload and balanced weight distribution gives us the option of saving one 30-mile round trip to the landfill or putting one less truck in its area each day. It's very well designed. You get more of each load to the front where you want it. Location of piping and lights reduces the problems of operators banging into overhanging tree limbs and other obstacles. Our unit has worked five to six days every week since we got it a year ago and still looks like new. We'd absolutely buy more! ”





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—1/4" 80,000 PSI

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 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



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