

Alpha & Delta

*Features &
Options*



LEACH[®]
COMPANY

ALPHA AND DELTA STANDARD EQUIPMENT

- ▲ Signal button on each side of tailgate, with buzzer in cab
- ▲ Large steps and grab handles both sides of tailgate
- ▲ Backup alarm
- ▲ Engine speed-up system
- ▲ Safety vests (3)
- ▲ Tailgate ajar alarm
- ▲ Lights and reflectors to meet or exceed FMVSS #108
- ▲ Upper light bar assembly
- ▲ Mounting kit, hardware and mounting parts
- ▲ Tapered wood sills
- ▲ Paint, two part urethane, white #1555, 1620, 1637
- ▲ PTO, cable or wire
- ▲ Drive shaft, PTO to pump
- ▲ Pump, Leach gear type with mounting bracket
- ▲ Warranty, standard, 6-months, body and cylinders

Complete dimensional information on different body sizes, including profile and ribs, is shown on inside back cover. Use this information when specifying body signage.

Alpha/Delta Body Sizes		
	Alpha	Delta
14 yd		✓
16 yd	✓	✓
18 yd	✓	✓
20 yd	✓	✓
25 yd	✓	



Alpha Rear Loader



Delta Rear Loader

LIFT/EJECTION VALVE • CIRCUIT • WIRING

Two-Spool Tailgate Lift and Ejection Valve

- ▲ Gresen sectional valve body
- ▲ New location provides easy access to relief and telescopic resistance valves (cartridge style valves)
- ▲ Simplifies plumbing
- ▲ Valve mounted inside of body
- ▲ Eliminates valve and brackets from below floor area
- ▲ Direct mount handles eliminate front control linkage
- ▲ Valve not subject to road debris
- ▲ Minimizes cab to body interference
- ▲ Increases clearance for exhaust and chassis components



Two-Spool Tailgate Lift and Ejection Valve

Variable Resistance Circuit

- ▲ Cartridge valve integrated into the Telescopic Control Section
- ▲ Adjustable resistance pressure cartridge
- ▲ Eliminates external sensing line from tailgate to front of body
- ▲ Minimizes number of hydraulic fittings



Variable Resistance Circuit

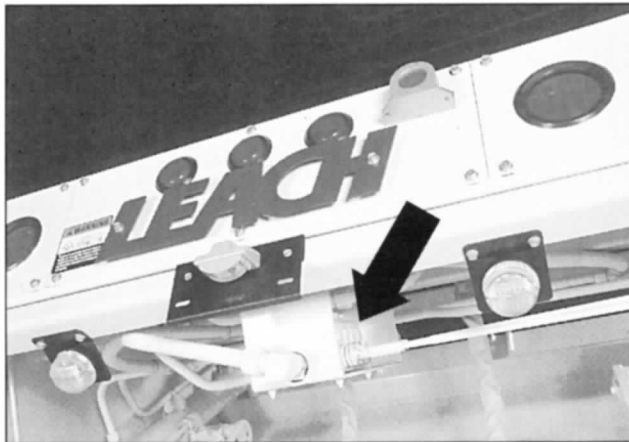
Integral Wiring Package

- ▲ Utilizes existing body structure to eliminate external conduit
- ▲ Eliminates front and top-of-body junction boxes
- ▲ Front junction box now in channel
- ▲ All wiring connections utilize heat-shrink connectors
- ▲ Eliminates junction boxes
- ▲ Reduces exposure to overhead obstacles
- ▲ Facilitates maintenance and simplifies wire routing



Integral Wiring Package

LEACH
Alpha/Delta



Standard Main Operating Valve & Linkage

Main Operating Valve and Linkage

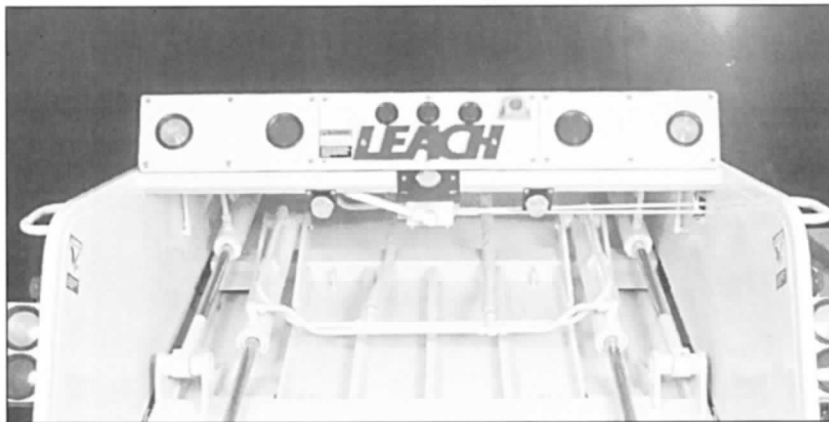
- ▲ Gresen sectional valve body
- ▲ 2-spool valve standard
- ▲ Optional hydraulic equipment (winch, etc.) utilizes a third or fourth section of the valve versus a single spool monoblock valve
- ▲ Valve placement for easy maintenance
- ▲ Adjustable internal pressure release detent assemblies synchronize packing operation (reverse and knock out settings)
- ▲ New valve consolidates plumbing
- ▲ Simple bolt-on operator controls reduce linkage components
- ▲ Easy to remove access cover
- ▲ Easy access speed-up switch
- ▲ Dual operator controls



Standard Trucklite® Turn Signals



Limit Switch



Standard Bolt-on Light Bar

Bolt-on Light Bar

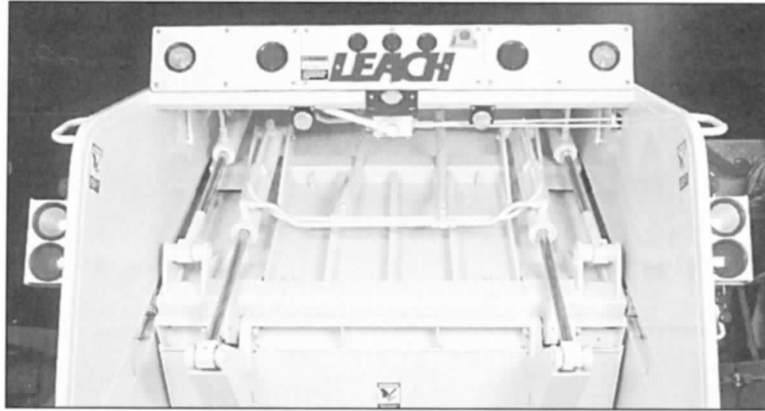
- ▲ Heavy-duty construction facilitates bolt-on roller guide mounting for winch system
- ▲ Integrated electrical wiring eliminates roof mounted box
- ▲ Lighting package includes grommet mounted Trucklite® lights
- ▲ Winch roller guide bolts to top of light bar frame
- ▲ All clearance and marker lights sealed and grommet mounted
- ▲ Rear utility lights relocated inside the tailgate structure

LEACH
Alpha/Delta

OPERATING CYLINDERS • HYDRAULIC RESERVOIR

Operating Cylinders Improved Reliability

- ▲ Designed and manufactured by Dana using state-of-the-art cylinder technology
- ▲ Jacket style hose guard protects hose from abrasion



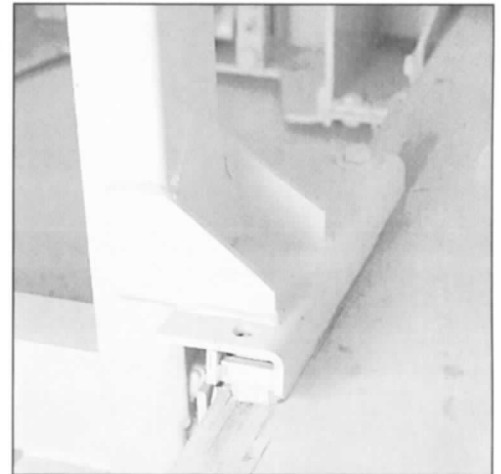
Operating Cylinders

Hydraulic Reservoir

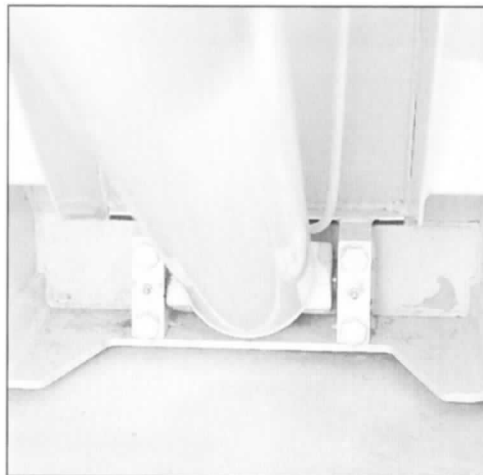
- ▲ Located inside with 45 gal capacity
- ▲ Reservoir sized to meet system requirements
- ▲ 141 micron in-tank suction strainer
- ▲ 20 micron in-tank return line filter
- ▲ Reservoir located inside body provides a natural gravity feed to the suction side of the hydraulic pump



Hydraulic Reservoir



Front and Rear Shoes are replaceable from inside the body



Telescopic Cylinder Pin at ejection panel is housed in half-style bearings for ease of removal

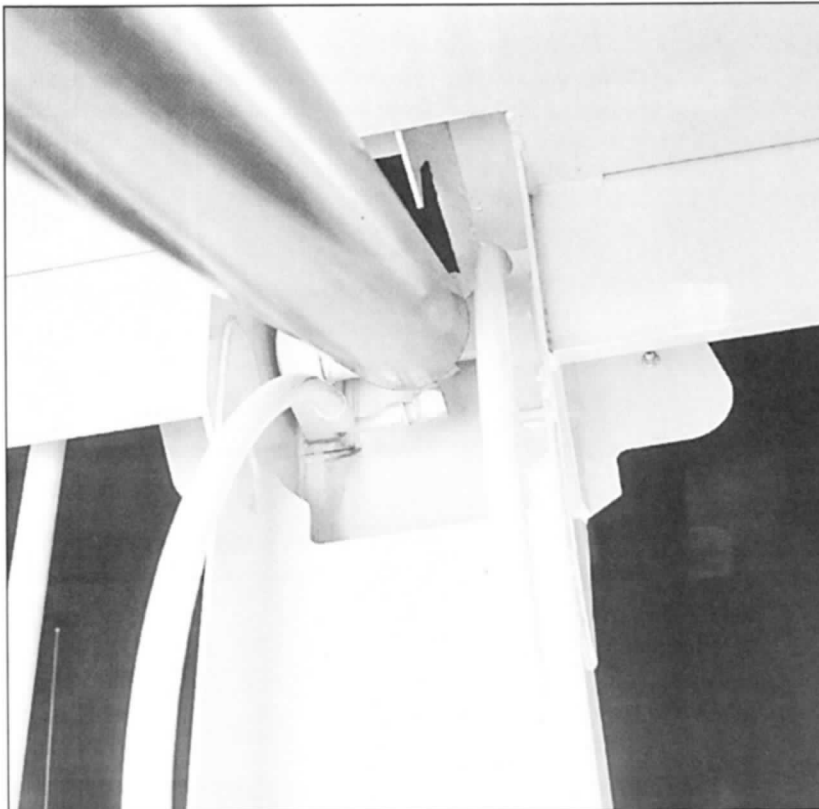
LEACH
Alpha/Delta



Single Stage Eject Cylinder

Eject Cylinder

- ▲ Mounted at an angle from roof to ejection panel to protect the cylinder from refuse
- ▲ Compact cylinder size reduces number of stages resulting in less weight
- ▲ A single stage cylinder is used on 14 to 20 yd bodies and a two-stage telescopic is used on 25 yd bodies
- ▲ The ejection cylinder is rod ported which eliminates the long trailing hose



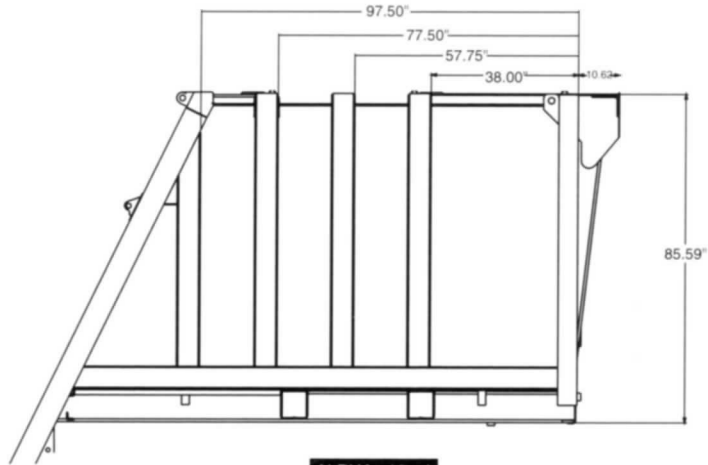
Single Stage Eject Cylinder at Central Tower Mounting

Ejection Panel

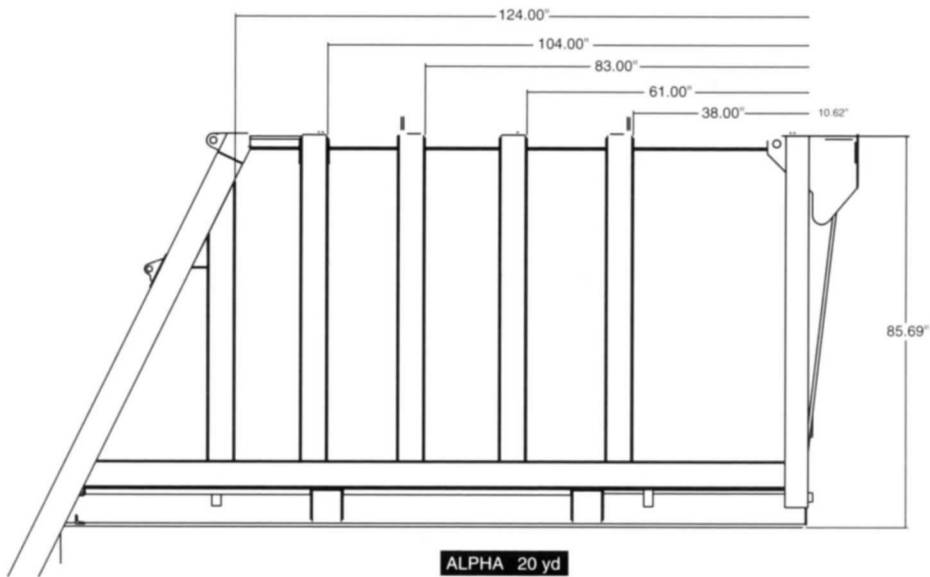
- ▲ Center tower adds reinforcement to front body structure
- ▲ Central tower houses the cylinder and reinforces the ejection panel face sheet
- ▲ 11 gauge, 50,000 psi steel face sheet
- ▲ Telescopic cylinder pin at ejection panel is housed in half-style bearings for ease of removal
- ▲ Front and rear shoes are replaceable from inside the body

LEACH
Alpha/Delta

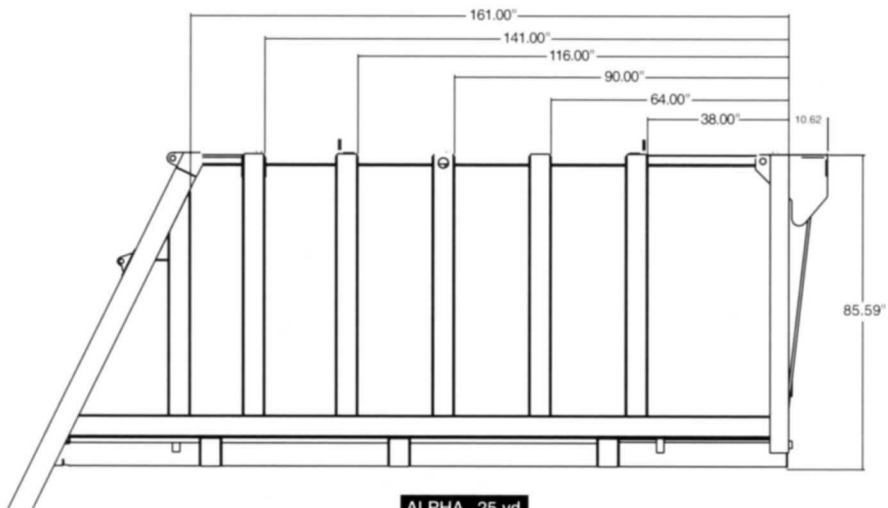
Dimensions for Side Profiles and Rib Locations



ALPHA 16 yd



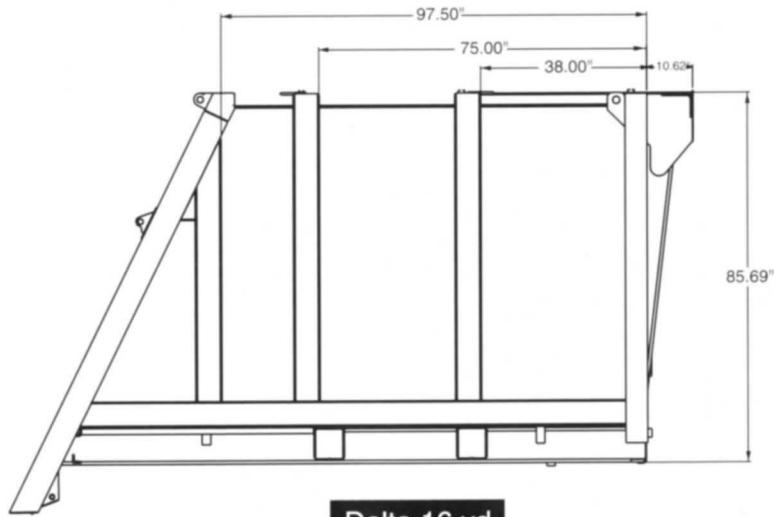
ALPHA 20 yd



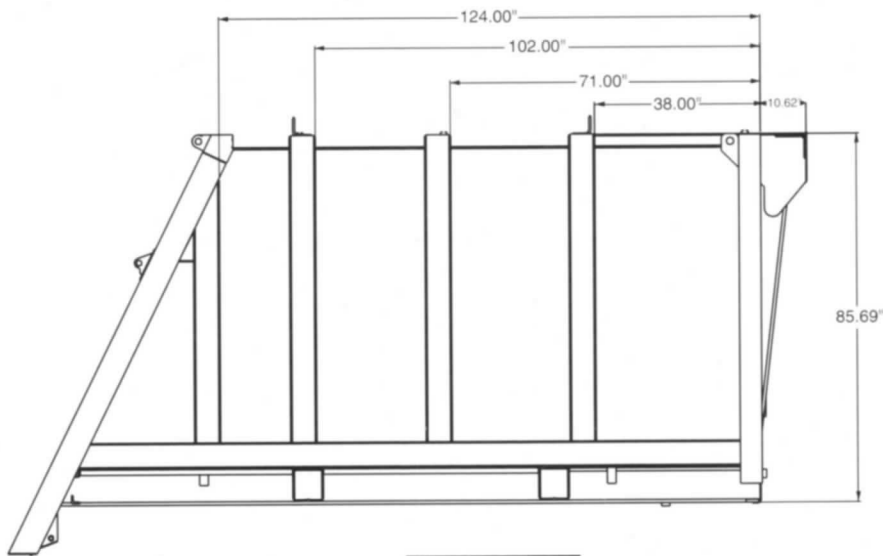
ALPHA 25 yd

LEACH
Alpha

Dimensions for Side Profiles and Rib Locations



Delta 16 yd



Delta 20 yd

LEACH
Delta

LEACH[®]

C.N. LEACH CO., INC.
62 CAMBRIDGE ST.
BURLINGTON, MA 01803
(781) 272-5300

2737 Harrison Street Oshkosh, WI 54903-2508 www.LeachUSA.com
Phone 414•231•2770 Fax 414•231•2712

Please note that our area code changes to **920**
effective July 21, 1997.