

VACALL™

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SPECIFICATIONS

BLOWER

- **Blower** - Roots
Model: 1125 DVJ Tri-Nado
Type: Tri-Lobe Direct Drive
- **Drive** - OMSI air-shift transfer case, power frame-mounted
- **Speed** - 2,000 RPM
- **Blower Vacuum** - 27" HG (685.8mm)
- **Blower Airflow** - 2,812 CFM @ 27" HG (79.6m³/min @ 685.8mm HG), 5,800 CFM (164m³/min) free air

DEBRIS TANK

- **Volumetric Capacity** - 18 yds.³ (13.8 m³)
- **Dump Angle** - 40°
- **Sides** - .250" thick steel
- **Construction** - 91" (2.3mm) diameter rolled steel plate, debris body, baghouse & dump chute are integrated, welded construction allowing for complete removal of all debris when dumping
- **Lifting** - Hydraulic 2-stage telescopic cylinder
- **Tailgate** - Heavy-duty rear, full 90° hydraulically opening with dual positive locking reverse angle wedges
- **Debris Body Safety Prop** - Single, manually-operated prop located on hoist frame near rear axle(s)
- **Tailgate Safety Prop** - Located outside be side tailgate driver side
- **Body Dumping Controls** - Manually-operated spool-type hydraulic control valve

CONTROLS

- **Control Panel** - Heavy-duty water-resistant steel housing with lockable door, includes: air pressure gauge, vacuum gauge, tachometer with hourmeter, throttle control, emergency stop, control panel light, vacuum relief, blower temperature gauge, pulsation control with timer for baghouse cleaning & switches for optional lights
- **Blower** - Engaged via air-shifted transfer case
- **Hydraulics** - Engaged via air-shifted transfer case
- **Body Dump & Tailgate** - Open & close functions via manually-operated spool-type hydraulic control valve

FILTRATION

- **Debris Tank Chains** - Optional chain filters for both debris tank inlet & outlet
- **Dual Cyclone Filters** - Self-cleaning with sealed cleanout door at bottom of dump chute
- **Baghouse** - Contains 60 easily removable/replaceable bags with sealed cleanout door at the bottom of baghouse, optional air cannon for reverse air flow bag cleaning

HYDRAULIC SYSTEM

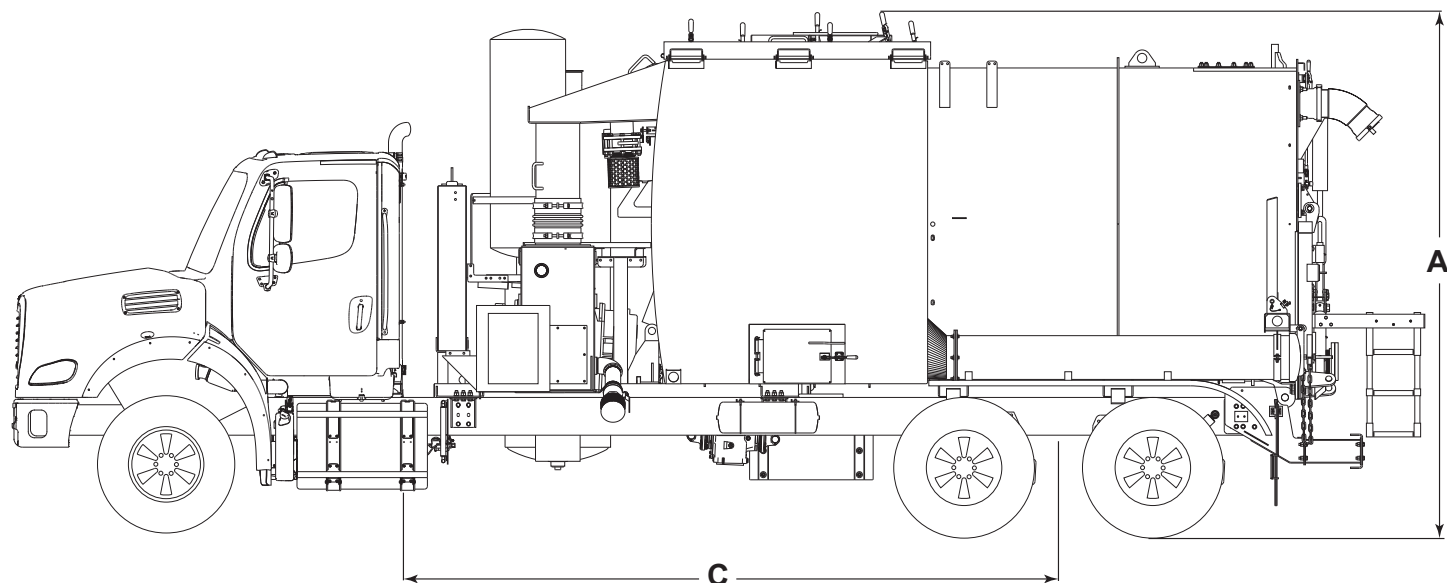
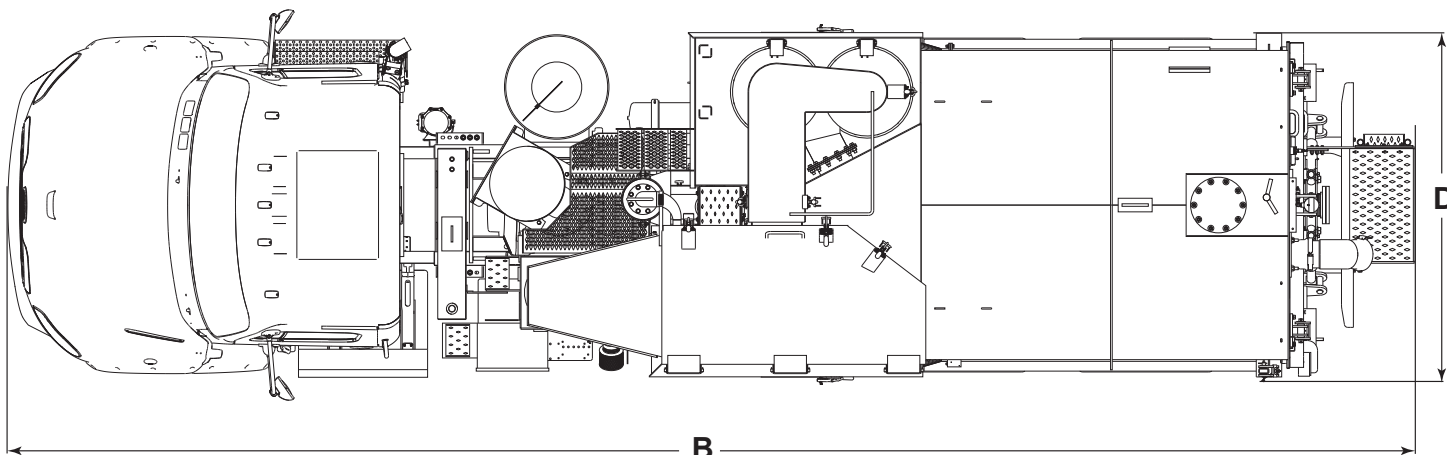
- **Hydraulic Pump** - Fixed displacement gear pump for reliability & simplicity with JIC fittings
- **Hydraulic Reservoir** - 80 gal. (302.8L)
- **Suction Filter** - 150 micron
- **Return Filter** - 10 micron

GENERAL SPECIFICATIONS

- **Drive** - Split-shaft PTO with direct drive to blower
- **Silencer** - Inlet & outlet silencers based on blower requirements
- **Electrical** - 12 Volt, all connections identified & labeled in the control box

OPTIONS

- **Wireless Pendant** - Controls vacuum relief & engine RPM
- **Sludge Pump**
- **Brass Slam Valve**
- **Baghouse Air Cannon** - For reverse air flow bag cleaning with pulsation timer
- **Full Load Indicator**
- **Hydraulic Debris Body Vibrator**
- **Platforms & Steps**
- **Manual or Hydraulic Boom**
- **Work Lights**
- **Strobe Lights**
- **Tool Boxes**



DIMENSIONS	MACHINE MODEL NUMBERS
	AVRB18
A. Overall Height	12' 9", (3.9m)
B. Overall Length	34' 4", (10.5m)
C. Clear CA Required	191.5", (4.9m)
D. Overall Width	8'10", (2.7m)

NOTE: All dimensions shown are applicable to Freightliner 114-SD Chassis only.

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Vacall machines are designed and manufactured by Gradall Industries LLC, a world leader in the production of versatile, reliable maintenance machines. It is our policy to continually improve our products. Therefore, designs, materials and specifications are subject to change without notice and without incurring any liability on units already sold. NOTE: some options shown in pictures.

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Gradall Industries LLC • 406 Mill Ave SW • New Philadelphia, OH 44663
(800) 382-8302 • www.vacall.com

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