

VACALL™

AllVac

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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 - 16, 18 or 20 yds.³
(12.2, 13.8 or 15.3m³)

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 beside 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 gallon (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

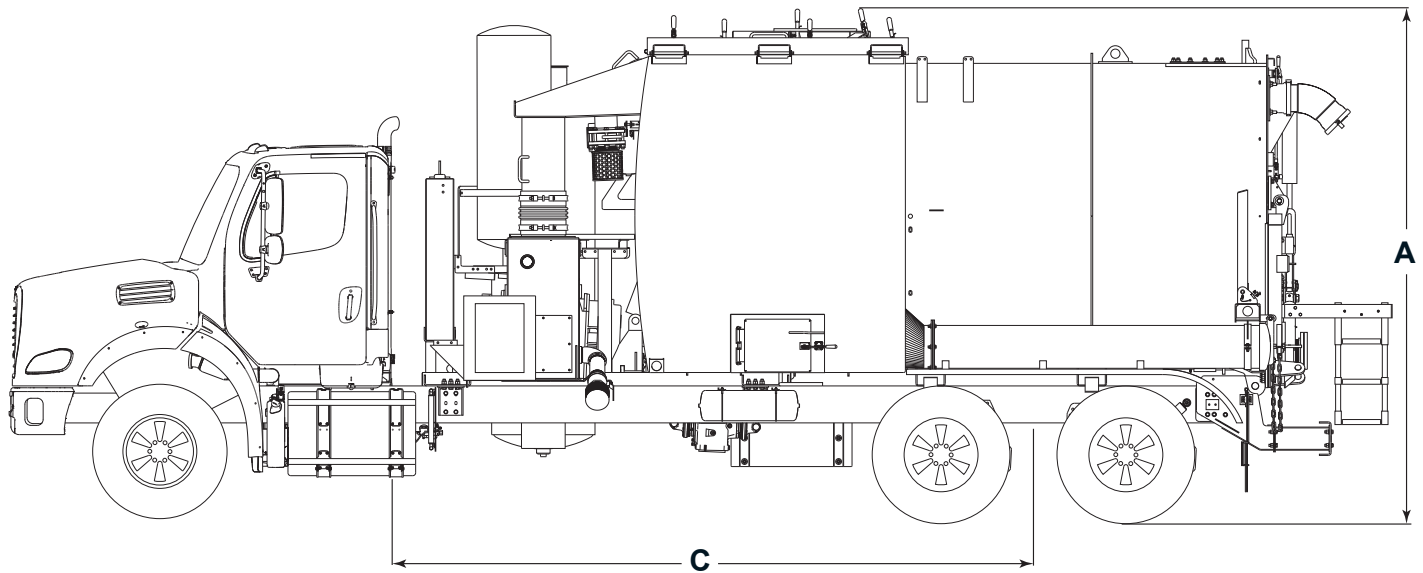
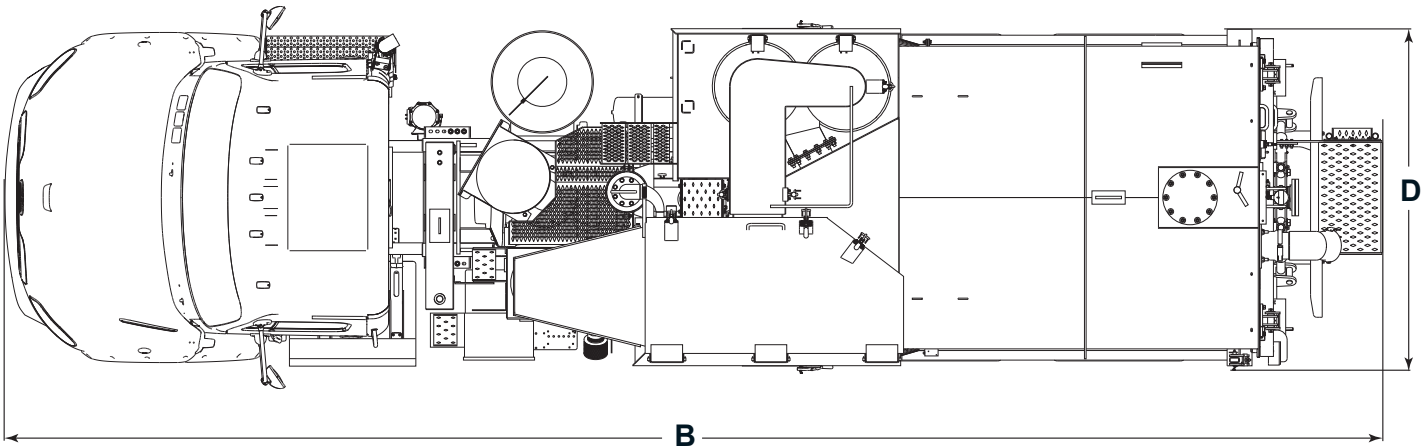
Manual or Hydraulic Boom

Work Lights

Strobe Lights

Tool Boxes

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DIMENSIONS	MACHINE MODEL NUMBERS		
	AVRB16	AVRB18	AVRB20
A. Overall Height	12' 9", (3.9m)	12' 9", (3.9m)	12' 9", (3.9m)
B. Overall Length	33' 4", (10.2m)	34' 4", (10.5m)	35' 4", (10.8m)
C. Clear CA Required	185.5", (4.7m)	191.5", (4.9m)	197.5", (5m)
D. Overall Width	8' 10", (2.7m)	8'10", (2.7m)	8' 10", (2.7m)

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

Certified ISO 9001 • 7-12

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

VACALL

Gradall Industries, Inc. 406 Mill Ave SW New Philadelphia, OH 44663
 Phone: (330) 339-2211 Toll Free: (800) 382-6301 Fax: (330) 339-8468
 www.vacallindustries.com

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