

VACALL™

All Vac

All Vac

MODELS

AV-16

AV-18

AV-20



SPECIFICATIONS

BLOWER

Blower - Roots
Model: 1125 DJV Tri-Nado
Type: Tri-Lobe Direct Drive
Drive - OMSI air-shift transfer case, power frame-mounted
Speed - 2,000 RPM. Steel
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 & labelled 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
Work Lights
Strobe Lights
Tool Boxes

VACALL