



High-Performance Jet / Vacuum

VACALL™ AllJetVac P Series Combination Sewer Cleaner With Positive Displacement Blower

AllJetVac P Series combination sewer cleaner models use a positive displacement blower system, setting the industry standard for high performance and reliability. The vacuum and jetting systems are powered by the chassis engine - a single-engine advantage that enables municipalities and contractors to open clogged sewer lines and remove debris while also reducing fuel consumption and routine engine service cost and downtime. A range of popular unit sizes and power options are available.

FEATURES & BENEFITS



Water tanks have a lifetime warranty

Water tanks are fabricated with high quality aluminum for extra strength with a lifetime warranty. Tanks are mounted above the rear fenders, reducing the possibility of damage from highway debris, rocks and stones. Tank position also creates positive head pressure to the water pump inlet.

AllSmartFlow™ intelligent controls are standard

AllSmartFlow™ is an innovative CAN bus control system, located inside a protective cabinet, allowing operators to efficiently make more precise adjustments in boom movement. The programmable color LCD display provides detailed information about engine performance, water flow and vacuum functions. A fully proportional pendant, either wired or using wireless capability, is designed for productive control away from the chassis.



High-dump option for efficient debris handling

Discharge material into dewatering containers, without the need for dangerous ramps, by raising the debris tank as much as 76 inches above ground level and shifting the tank back 21 inches.



Rugged debris bodies that are built to last

An oval shape with cylindrical sides, top and bottom creates extra strength and efficient material dumping. An optional flush system cleans the entire interior without requiring operator spraying assistance. Powder coat paint creates a heavy-duty, durable finish, while the optional galvanized tanks carry a lifetime warranty.





Hose reel rotates into position

Get the jetting action you need, where you need it, with an optional axial pivoting hose reel that can be rotated and easily locked with a flip of a switch into a multitude of positions. The unique, heavy duty reel drive system consists of a rugged planetary gear box driven by a hydraulic motor. The hydraulic motor incorporates a cross port relief valve cushioning system to take the shock load off

the hose reel hydraulics. Thanks to a dual latching system, there are no pin alignment problems common to other machines in the market.



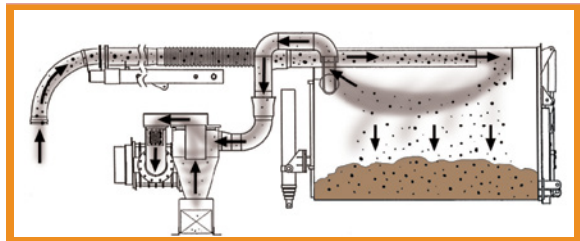
Tailgate design you'll appreciate

A simple, rugged design with a single control allows the operator to open, close and lock the tailgate. Reverse slope lock wedges actually tighten under the weight of the load. A D-ring gasket and shimmed hinge points create a superior seal and performance.



Telescoping boom puts vacuum power where you need it

The AllJetVac boom, with the standard 8-foot 6-inch telescopic boom, allows you to place the vacuum power where you need it. The boom's rugged design, lift capacity and rotation will have you spending less time handling the tough jobs and repositioning the unit.



Unique filtration system

A multi-stage vacuum filtration system has a simplified design to reduce maintenance, extend performance and increase working life. At the rear of the debris body, material is separated by a deflector plate. Remaining material particles and moisture are removed by a cyclone separator. The filtered air then passes through the blower, the silencer and the exhaust.

Options to customize your machine performance

- Decant valves
- Cold water recirculation system
- Emergency hydraulics
- Multiple blower and water pump choices including a proprietary 85 pgm/2000 psi water pump with 30-minute run-dry guarantee

VACALL AJV P Series Models · Basic Specifications

	AJV 0610 P	AJV 0810 P	AJV 0812 P	AJV 1015 P	AJV 1215 P
Debris Tank	6 yard ³	8 yard ³		10 yard ³	12 yard ³
Water Tanks	1,000 gallons	1,000 gallons	1,200 gallons	1,500 gallons	
Hose Reel	Front-mounted, pivoting				
Boom	8'6" extending boom 180° rotation				

KELLAR

EQUIPMENT

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VACALL™

AllJetVat

P Series

AllJetVat
P Series



SPECIFICATIONS

BLOWER

Blower - Roots 824@16"; 18" Rotary lobe direct drive.
Drive - Direct - OMSI air-shift transfer case.
Speed - 2470 rpm.
Blower Vacuum - 16" hg standard: (217" h20).
Blower Airflow - 5200 CFM Free Air.

DEBRIS TANK

Volumetric Capacity - 6, 8, 10, 12 cu yd
Dump Angle - 42°.
Sides - ASTM A572 Grd 50 Carbon Steel - 1/4", (.250) x 3/8", (.375).
Construction - Oval shape, cylindrical sides, wrap-around gussets.
Lifting - Hydraulic three-stage telescopic cylinder.
Tailgate - Heavy-duty Rear, full 90°, hydraulically-opening, with dual positive-locking reverse angle wedges.
Debris Body Safety Prop - Manually-operated single prop located on hoist frame near rear axles.
Tailgate Safety Prop - Located outside, beside tailgate driver side.

CONTROLS

All Smart Flow Control - Enclosed cabinet control box containing 12 volt CAN bus boom control joystick recessed for protection. LCD color display to increase/decrease engine RPM, water pressure, vacuum. Emergency stop button, water pump and blower hour meter.
Wired pendant - Wired pendant with 12 proportional push buttons; 3-position rotary switch, latching emergency stop.

HYDRAULIC SYSTEM

Hydraulic Pump - Pressure-compensated piston pump.
Capacity - 40 Gallon.
Return Filter - 10 Micron.

BOOM

Diameter - 8".
Front Boom Reach - 25'.
Rotation - 180°.
Work Area - 552 Sq. Ft.
Telescoping - 8', 6".
Capacity - 1,000 Lbs.

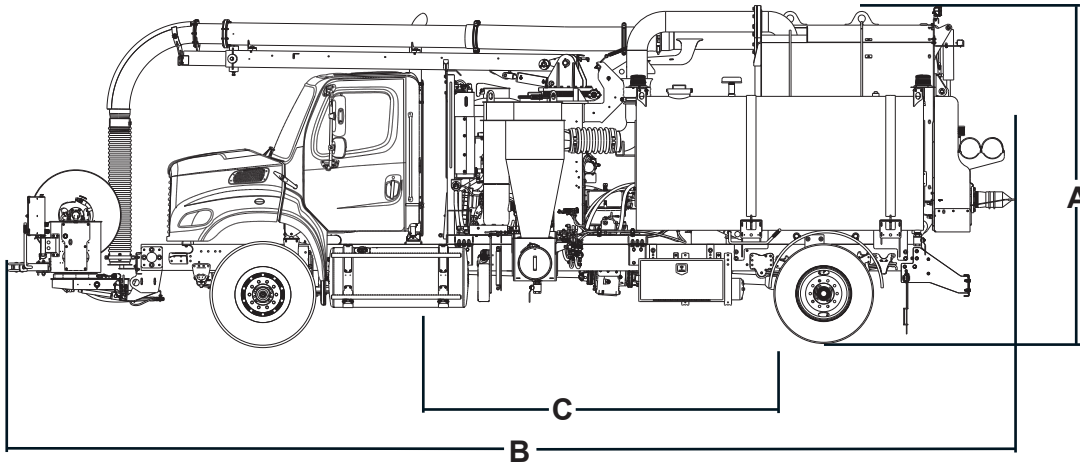
WATER SYSTEM

Water Tank Construction - High-quality, fully-welded aluminum.
Water Tank Capacity - 1,000 or 1,500 Gallons.
Pump Type - Hydraulically-powered triplex plunger.
System Flow - Variable-flow 85gpm @ 2,000 rpm.
Hose Reel - 1" Diameter hose, 800' capacity, direct-drive reel, 230° rotation.
Catch Basin Cleaning - Side-mounted handgun.
Filter - Inlet suction strainer.

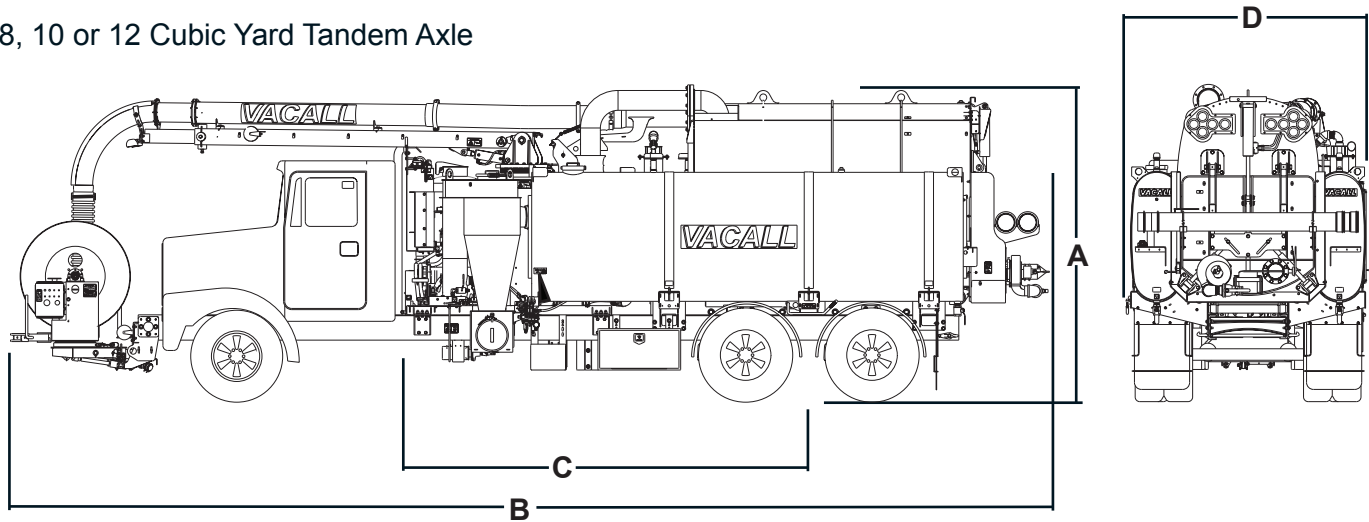
OPTIONS

Sludge Pump - 710 gpm @ 10' head pressure.
Lighting - Strobe, work, directional, corner strobes.
Toolboxes/Tube Racks - Optional Aluminum or Carbon Steel.
Lateral Cleaning Reel - 2-1/2" Y Strainer on fill.
Internal Tank Flush - Optional.
Emergency Hydraulics - Optional Electric 12VDC.
Galvanized Debris Tank - Optional.
Cold Weather Recirculation - Optional Electric 12VDC.
Remote Grease Manifolds - Optional.
Air Purge - Optional.
Empty Water/Full Debris Electronic De-rate
Wireless Remote
High Dump

6 Cubic yard Single Axle



8, 10 or 12 Cubic Yard Tandem Axle



DIMENSIONS	MACHINE MODEL NUMBERS			
	AJV610	AJV810	AJV1015	AJV1215
A. Overall Height	12'0"	12'0"	12'0"	12'0"
B. Overall Length	35'6"	35'6"	37'9"	38'9"
C. Clear CA Required	167"	167"	184.5"	198.5"
D. Overall Width	8'8"	8'8"	8'8"	8'8"

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