

**VACALL™**

***HiJetVac***  
by VACALL™



**High Performance  
Jet/Vacuum**

Combination Sewer Cleaner



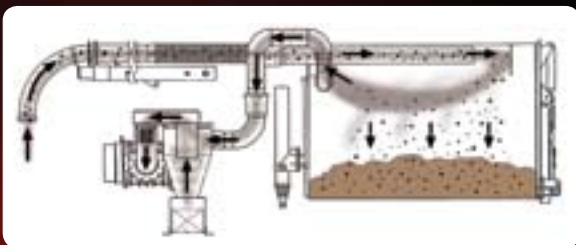
details that make a

# difference



AllJetVac combination sewer cleaner models by Vacall are setting industry standards for both performance and reliability. The high performance and reliable vacuum and jetting system, with a full array of models, enable municipalities and contractors to open clogged sewer lines and remove debris quickly and efficiently. These are benefits that both contractors and taxpayers will appreciate.

Choose the unit size and vacuum and jetting power package you need – along with the many options and advantages you want. Every AllJetVac model comes with the quality and performance you expect in the industry.



#### ► Unique vacuum filtration system

The multi-stage vacuum filtration system reduces machine maintenance due to its simple yet very effective design. This, in turn, extends the performance and working life of the machine.

Material entering the machine through the boom will come in contact with the deflector plate at the rear of the debris body; the design of the debris tank creates an expansion chamber that allows a majority of the material to drop out of the airstream on its way to the cyclone separator. The cyclone separator is designed to remove the remaining particles in the airstream that will then fall into the drop out box on the bottom of the cyclone separator. The air then passes through a final mesh screen before continuing through the blower and exhausted out the silencer. All debris collected in the drop out box is fully accessible via a clean out door on top and bottom of the cyclone separator.



High Performance Jet/Vacuum Combination Sewer Cleaner

### ► Choose from the performance package you need

AllJetVac models are available in a wide range of power module packages. We offer positive displacement vacuum pumps that range from 16" to 27" hg of vacuum power, and jetting systems to complement the cleaning power ranging from 50 gpm to 100 gpm and pressures to 3000 psi.



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### ► Front mount hose reel features

Get the jetting action 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 operating positions. The unique and heavy duty reel drive system consists of a rugged planetary gear box driven by a hydraulic motor. The gear box incorporates a cross port 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.

### ► Telescoping boom for vacuum performance 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 more time handling the tough jobs than repositioning the unit.



### ► No-rust aluminum water tanks

Heavy wall aluminum construction gives you a durable, no-rust design for long life. The tanks are fully baffled and are mounted to a secure sub frame that makes them stationary and allows for a low profile design that enhances stability on the highway and at the dumpsite. The tank's location and design also allow for a positive feed to the water pump.

### ► Rugged debris body that's built to last

The AllJetVac debris body is built out of heavy gauge high quality steel, offered with a hot dipped galvanizing option – an industry exclusive. The rugged design and construction of the debris body helps to resist the everyday wear of rocks and debris. The galvanizing option is a proven zinc shield that is metallurgically bonded to the underlying steel in an 850 degree zinc immersion bath. The body is offered in an array of sizes – 6, 8, 10, 12 and 15 yards – to allow you to pick the capacity you need.



### ► Durable and operator efficient control panel

Designed for extra reliability and simple routine maintenance, the AllJetVac control panel is connected to an electrical harness via a single multi-pin connector that is color coded and numbered. The NEMA 4 shrouded electrical harness runs throughout the machine incorporating heavy gauge color coded wire and military grade connectors. All switches and gauges are fully visible and easily accessed by the operator to allow full control.



### ► Tailgate design you'll appreciate

Due to the simple and rugged design a single control allows the operator to open, close and lock the tailgate. The reverse slope locking wedges actually tighten under the weight of the load. A double D-ring gasket is reversible along with shimmed hinge points to allow for longer component life and operation.



### ► Decant offload for any size job

Whether you have the optional 6" gravity decant or the sludge pump powered decant you will have the capability to leave the liquid in the sewer and haul debris to the dumpsite. The sludge pump powered decant system can pump off the rear or be set up with the optional pump to the front system. It can also be utilized to transfer liquids and sludge.





**▶ AJV 610**

6 yard<sup>3</sup> debris tank • 1,000 gallon water tank capacity • Front mounted pivoting hose reel • 6x24 blower • 65 GPM @2,000 PSI water pump • 8 foot 6 inch extending boom

**▶ AJV 1015**

10 yard<sup>3</sup> debris tank • 1,500 gallon water tank capacity • Front mounted pivoting hose reel • 8x24 blower • 80 GPM @2,000 PSI water pump • 8 foot 6 inch extending boom • All standard equipment



**▶ AJV 1215**

12 yard<sup>3</sup> debris tank • 1,500 gallon water tank capacity • Front mounted pivoting hose reel • 8x24 blower • 80 GPM @2,000 PSI water pump • 8 foot 6 inch extending boom • All standard equipment



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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 specifications are subject to change without notice and without incurring any liability on units already sold. NOTE: some options shown in pictures.