

# VACALL™ AT

## Vacuum/Hydro Excavator

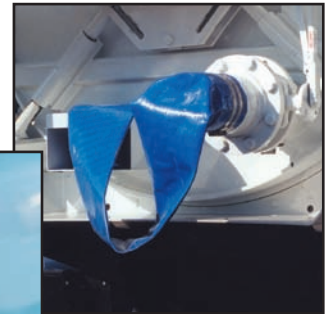
The **Vacall AT Vacuum / Hydro Excavator** combines the best components of the Vacall vacuum and high pressure water machines with a dedicated vacuum / hydro excavator. Built to work. Built to last.

Our most popular model has more outstanding features than any other VHE on the market today, including:

- 35 gpm/2000 psi water pump with variable output
- 12 cubic yard debris tank
- 1500 gallon aluminum water tank
- 5000 cfm/15" Hg blower
- 26-foot boom reach with extension
- Infinitely adjustable boom speed
- Cyclonic prefiltration system
- Full-function remote pendant control
- Hydraulic rear door locks
- Four stage air filtration
- Decant valve with internal filter
- Storage for 32 feet of vacuum tubes
- Extra heavy-duty reinforcing at boom elbow and



- internal deflector for material wear — modular type
- NEMA 4, labeled wiring harness
- Remote control vacuum relief valve
- 13.5 cubic foot storage compartment
- Work lights on boom and at rear
- Reel with 50' x 1/2" handgun hose



*Rear decant and a prefiltration cyclone are standard on the Vacall AT!*



Pendant control makes operation easy and safe.



# VACALL™ AT Vacuum/Hydr

The Vacall AT's standard filtration system is designed to increase machine life, reduce maintenance expense and soften noise levels.

## Stage 1

The first stage is a deflector plate at the point of entry that filters out the bulk of all material vacuumed.

## Stage 2

The second stage is the debris tank, which acts as an exceptional expansion chamber. A steel float ball, protected by an optional chain filter, chokes off liquid loads near the front end of the debris tank while allowing for maximum liquid loading.

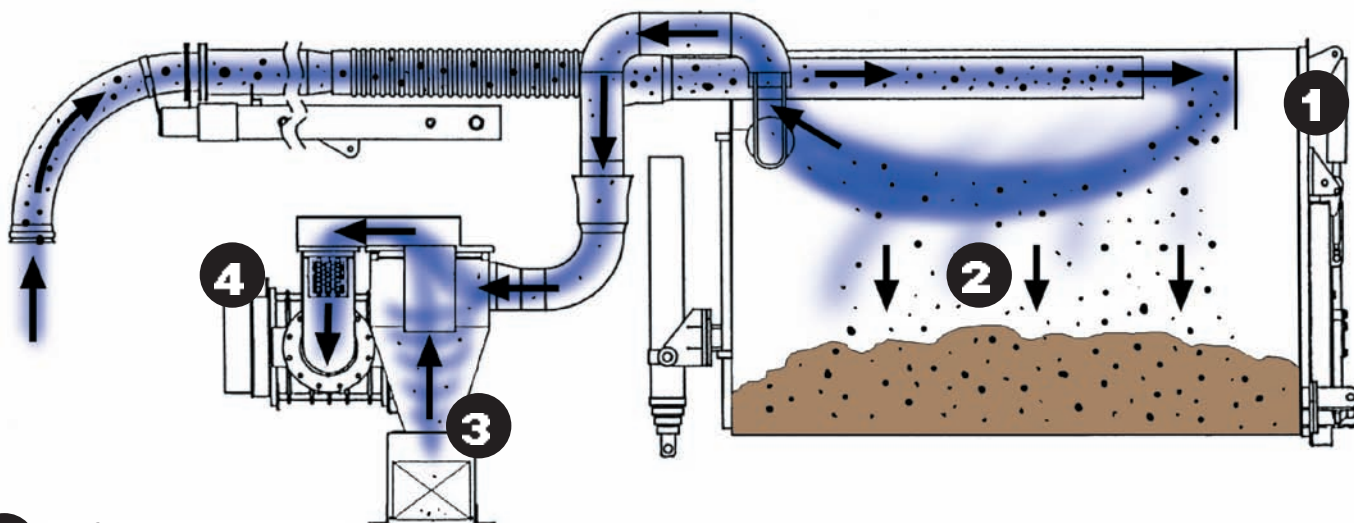
## Stage 3

Dust-laden or water-saturated air continues into the "Cy-Clean" filter (a standard feature on the Vacall AJV), which consists of a bulk-material cyclone separator designed to filter out particles ranging from 10 to 100 microns. The cyclone spins the air, slowing it down and allowing the steel funnel in the lower section to channel any carryover into a dropout box below. The cyclone is equipped with convenient cleanout doors on both top and bottom.

## Stage 4

A fourth stage, consisting of a removable steel micro-strainer basket, provides absolute vacuum protection.

*Airflow through the Vacall AT*



**1** Deflector Plate

**2** Debris Body

**3** Cyclonic Separator  
(Standard Feature)

**4** Steel Microstrainer

## Other Notable Options

- Large capacity water pumps
- Stainless debris tank floor
- Pump-off system to 800 gpm
- Cold weather package
- Hydraulic tool circuit
- Rear-mounted boom
- Blowers to 6000 cfm and 27" Hg

- Debris tank to 15 cubic yards
- Boiler systems and compartments
- Various storage compartments
- Work and safety lighting
- Digging tubes and lances

**VACALL™**

**RJM**

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