



High-Performance

Hydro Excavator

AllExcavate VACALL™

With High Pressure and Vacuum System

AllExcavate models reflect the superior water pressure and vacuum forces that have established Vacall as an industry leader, efficiently excavating around water lines, sewer lines and other underground utilities. For optimum operating efficiency and cost control, the AllExcavate design uses a chassis engine to also provide power for vacuum and jetting functions – a design that slashes fuel consumption, eliminates emissions from a second engine and reduces costs and downtime for routine maintenance.

FEATURES & BENEFITS

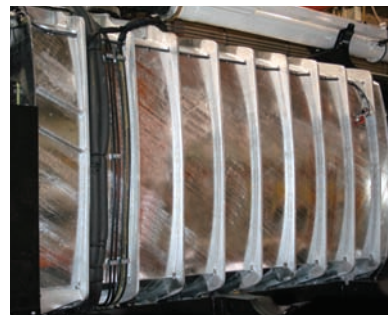
High pressure water system

A hydraulically driven variable speed system has rheostat control to vary the water volume and capacity output, conserving water usage and minimizing refill time. Available variable water pumps produce 24.5 gpm with 3,000 psi. The system powers a wand, delivering a high pressure stream to break up material. A self-wind reel has 75 feet of high pressure hose, but can hold up to 200 feet of high pressure hose.



Water system enclosed in heated compartment

To protect the components against freezing, the water system is enclosed in a heated compartment. In addition to pumps, hose and reel, the compartment holds the wand, control panel, tools and worker apparel.



Rugged debris bodies that are built to last

An oval shape with cylindrical sides 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.

Water tanks have lifetime warranty

Water tanks are fabricated with high quality aluminum for extra strength with a lifetime warranty. Tanks are mounted high on the chassis, 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 control system



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.



Double-cyclone filtration

A multi-stage vacuum filtration system has a simplified design to reduce maintenance, extend performance and increase working life. As material is deposited into the debris body, air continues to move through a dual cyclone separator where more material particles and moisture are removed. The filtered air then passes through the blower, the silencer and the exhaust.



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.



Rear-mounted boom front-loads debris

The standard 8-foot, 6-inch telescoping boom is located at the rear of the chassis and reaches in a 320-degree radius to work on different jobs without having to reposition the chassis.

VACALL Hydro Excavator Models • Basic Specifications

	AE 1010	AE 1013	AE 1210	AE 1213
Debris Tank	10 yard ³		12 yard ³	
Water Tank	1,000 gallons	1,300 gallons	1,000 gallons	1,300 gallons
Hose Reel	75' high pressure hose on self-winding reel			
Boom	8'6" extending boom 180° rotation			

Certified ISO 9001 • 5/11
Form No. 11104 • Printed in U.S.A

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.



Gradall Industries, Inc. • 406 Mill Ave SW • New Philadelphia, OH 44663
Phone: (330) 339-2211 • Toll-Free: (800) 382-8302 • Fax: (330) 339-8468
www.vacallindustries.com

