Powered by a 52 HP Diesel engine to give you maximum performance and torque with its dual combination set up of direct push and hollowstem auger capabilities.
AMS 9500-VTR PowerProbe

AMS PowerProbe™ 9500-VTR
The 9500-VTR PowerProbe™ combines high-powered direct push and augering capabilities with operator-friendly engineering. It is powered by a liquid-cooled 52 hp diesel engine and includes a 201 ft-lb hydraulic hammer with an adjustable 2200 BPM. If you are looking to add hollowstem capability, you have a choice of two auger drive head options. In addition, we have added regen for faster upward travel time for the probe/auger head. The 9500-VTR PowerProbe™ can easily gain access to on or off-road sampling points, and with a surface load of only 4.9 psi, the rig can also position on softer surfaces with relative ease.

Standard Features
• Adjustable mast for angled probing and drilling
• 52 hp liquid-cooled diesel engine with gauges
• Electro-hydraulic valves – in-out, side-side, tilt and foot
• Spring-loaded pull yoke
• Enhanced control panel
• Wireless Remote (9500-VTR only)
• Durable powder-coated finish, rubberized deck coating, and modified metal power track
• Tooling storage
• Four hydraulic outriggers
• 201 ft-lb hydraulic hammer
• Regen system
• Hand auger to pre-clear soil boring locations
• Hydraulic oil pressure and temperature gauges
• Emergency stop system
• Wireless remote with pendant backup
• 12 volt auxiliary outlet
• Hour meter
• Tooling vise
• Storage for wireless control

Convenience Package
• Hand auger to pre-clear soil boring locations

Options and Accessories
• 5,400 lb-ft auger drive head
• 2,400 lb-ft auger drive head
• 10,000 lb Hydraulic Winch
• 3,000 lb hydraulic Hi-Speed Winch
• Customized Wash/Sample Prep/Decon Station
• Customized Equipment Storage – Tooling Boxes

Geotechnical Options
• Mast Mounted Auto Drop Hammer (SPT)
• CPT, CPTu, Seismic, and Memovane
• Single Point Anchoring System (CPT)
• Dual Point Anchoring System (CPT)

Warranty
• One year warranty

AMS PowerProbe Customization
Every rig is custom-built to fit your specific needs! For those who need even more out of their rig, our new and improved automatic drop hammer can be added to the 9500-VTR for geotechnical investigations. AMS can also mount custom tooling boxes and equipment storage, a receiver-mount auger rack, a customized wash/sample prep/decon station, and more. A variety of additional upgrade options and accessories are available so you can configure the unit to match your specific needs.

Financing Available
Basic Models Starting at $2,007 /mo (OAC)
AMS 9500-VTR PowerProbe

AMS Customer Service
We’re Here to Help! At AMS, our knowledgeable and friendly staff is here to assist you with detailed product information, special orders, delivery scheduling, and more. If you need assistance determining which tool to use, how to use it, or if you need equipment customized to fit your specific needs, contact our knowledgeable customer service and sales staff.

Making you successful is our job!

Ask About Our ALL NEW
Automatic Drop Hammer.

9500-VTR Enhanced Control Panel and Wireless Remote

AMS 9500-VTR PowerProbe

The 9500-VTR PowerProbe™ is also available.

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The adjustable mast allows for 30° to 100° angled probing and drilling. The probe can be locked at 90°, 60°, and 45°.

Dimensions shown are for standard model. *optional accessories

Tech Specs 9500-VTR

Fuel Tank capacity 16 gal
Hydraulic oil capacity 44 gal
Hydraulic oil cooler 18,000 BTU  (Single)
Hydraulic Flow rate 26 gpm
Hydraulic oil Pressure - Double Pump 2,400 psi
Hydraulic Oil Pressure - Single Pump 3,000 psi
Hydraulic Oil Pressure - Low Speed 1,800 psi
Hydraulic Oil Pressure - High Speed 4,000 psi
Hydraulic Oil Pressure - Max Pressure 2,400 psi

Dimensions

Track Low Speed 1.5 mph
Track High Speed 2.4 mph
Engine rpm Setting 2,400 rpm

HORIZONTAL OPERATIONS

Down Force 35,300 lbs
Pull-Up Force 47,300 lbs
Head Travel Rate Up – Slow 12 sec
Head Travel Rate Up – Rapid 8 sec
Head Travel Rate Down 10 sec
Side To Side Travel 30°
Horizontal Traverse 60.5°
Foot Vertical Stroke 52°
Probe Angles 70° to 100°
Tipping Angle 40°

*optional accessories

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The world's finest sampling equipment.

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**Hydraulic Hammers**
The AMS 9500-VTR uses a S-21 201 ft-lb hydraulic hammer to advance direct push tooling into the ground. With six different hydraulic hammers available, we can meet any of your needs.

**Geotechnical Auto-Drop Hammer**
Two AMS auto-drop hammers are available – the mast-mounted auto-drop hammer, or deck-mounted auto-drop hammer. Both can be used to meet ASTM Method D 1586, a standard test method for penetration and split-barrel sampling of soils, commonly known as “SPT.” The hydraulic mast provides lateral and horizontal movement for easy alignment of hollowstem augers. The 2,400, 3,400 and 5,000 ft-lb hammer drive heads are 2-speed and offer low auger torque at high speed and high auger torque at low speed.

**Tool Box/Tooling Storage**
Locking tool boxes will keep all of your tooling and other equipment safe and secure. The tool boxes can be mounted on top of the truck bed or under the body of a flatbed truck. The light-weight, all-aluminum construction is a plus with low maintenance. We also offer three standard size tool boxes with custom sizes also available. All tool boxes can be configured with dividers for convenient storage of direct push tooling.

**Foldable Tooling Stands**
for Direct Push Extensions
Organize your tooling and position it within easy reach with the AMS foldable tooling stand. A flat platform on the tool stand is an additional time-saver providing a place for setting small items needed as you work. The tool stand is powder-coated for longevity and folds up for easy storage and mobility.

**Tool Carrier**
Store your tools in close proximity to your work and keep your small direct push tooling items from being misplaced and clean from dirt, mud, or snow. The tool carrier is powder-coated to reduce rusting and withstand heavy-duty use and the handle can be folded for trouble-free storage. A removable liner ensures efficient, easy cleaning.

**Water Tanks**
For fresh and gray water storage, choose up to a 300 gallon storage tank for your custom support system. Water storage tanks are ideal for decontamination and clean up.

**Retractable Hose Reels**
The retractable hose reel provides convenient hose storage for your high or low-pressure wash systems. They are coiled on a spring-loaded reel.

**Hi-Pressure Washer**
AMS’s hydraulic hi-pressure washer is designed for use in the field! Bolted right to your PowerProbe™, it is easily accessible for decontamination purposes.

**Auger Storage Racks**
AMS auger storage racks provide convenient access for storing and retrieving your auger tooling. The racks are custom-mounted to meet your rig specifications. AMS can provide pickup mount, flatbed mount, and roll in mounts to make augers more accessible.

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The 9500-VTR comes standard with a 4-corner outrigger support system so you can drill where you need to without your equipment being pushed around.