

AMS **PowerProbe™ 9500-VTR**

Do the Job Right the First Time



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.

While retaining many of the same features of our larger PowerProbes™, the track-mounted 9500-VTR all-terrain model utilizes smaller carrier options that allow for access into tighter ares with less footprint. 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 anodized 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 accessory outlet
- Hour meter
- Tooling vise
- Storage for wireless control

Convenience Package

- Hand auger to pre-clear soil boring locations

Options and Accessories

- 3,400 ft-lb auger drive head
- 2,400 ft-lb 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

Truck and trailer-mounted 9500 Series PowerProbes™ are also available.



Financing Available

Basic Models Starting at **\$2,007/mo** (OAC)

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 availalbe so you can configure the unit to match your specific needs.



Ask About Our ALL NEW Automatic Drop Hammer.



9500-VTR Enhanced Control Panel and Wireless Remote

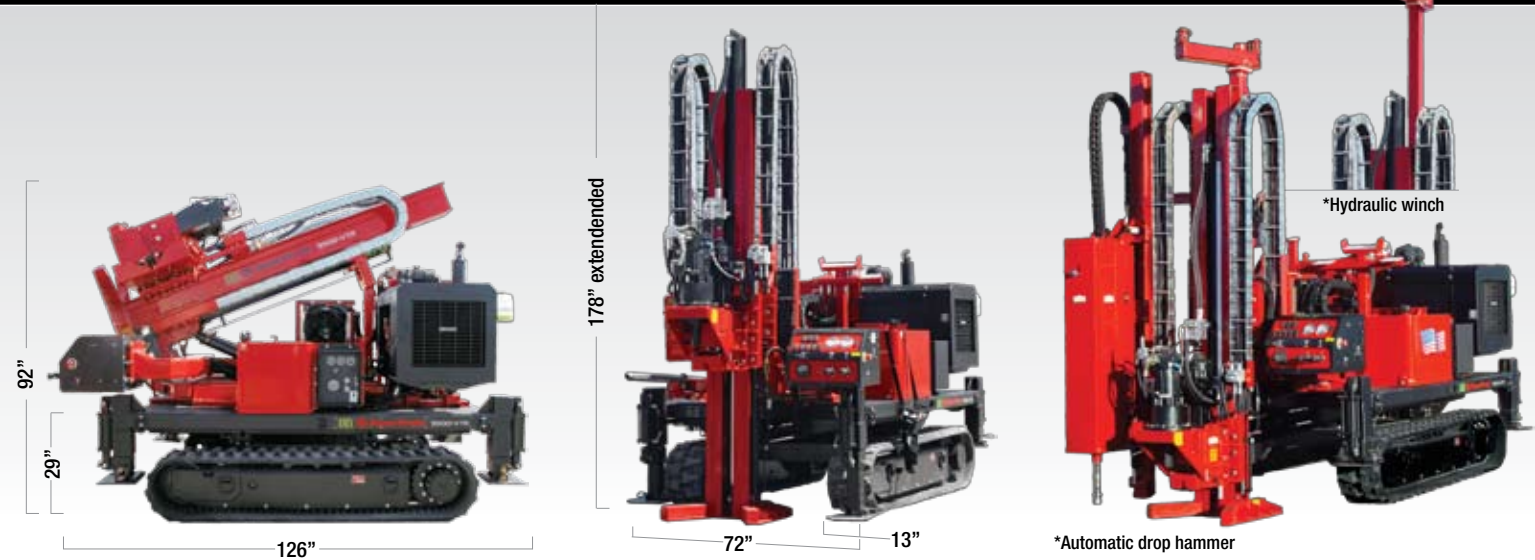


Gain access to remote sampling points with minimal disturbance.



Ask about our Hi-Speed Winch and Auger Head Upgrades!

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Dimensions shown are for standard model.

*optional accessories

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!



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The adjustable mast allows for 30° to 100° angled probing and drilling. The probe can be locked at 90°, 75°, 60°, and 45°.

Tech Specs	9500-VTR
Horsepower (liquid cooled)	52 hp
Engine rpm Setting	2,400 rpm
Power Source	Diesel Engine
Track High Speed	2.4 mph
Track Low Speed	1.5 mph
DIMENSIONS	
Weight	8,400 lb
Overall Length	126"
Overall Width	72"
Overall Height (folded)	92"
Deck Height	29"
Individual Track Width	13"
Mast Extended Height	162"
Probe Stroke	72"
Optional Probe Stroke	80"
HYDRAULICS	
Double Pump	2,400 psi
Hydraulic Oil Pressure	-
Hydraulic Flow Rate	26 gpm
Hydraulic Oil Cooler	18,000 BTU (Single)
Hydraulic Oil Capacity	44 gal
Fuel Tank Capacity	16 gal
HYDRAULIC OPERATION	
Down Force	35,300 lb
Pull-Up Force:	47,500 lb
Head Travel Rate Up	14 sec
Head Travel Rate Up - Regen	5 sec
Head Travel Rate Down	10 sec
In/Out Travel	20"
Horizontal Traverse	68.5"
Foot Vertical Stroke	52"
Probe Angles	30° to 102°
Lockable Probe Angles	-
Hydraulic Hammers	S-21 - 201 ft-lb 2,200 bpm
*Optional Auger Drive Heads	3,400 ft-lb or 2,400 ft-lb (See page ?? for details).

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Set up with direct push and hollowstem auger capabilities, the AMS 9500-VTR will allow you to perform multiple jobs at the top of any site location.



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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.

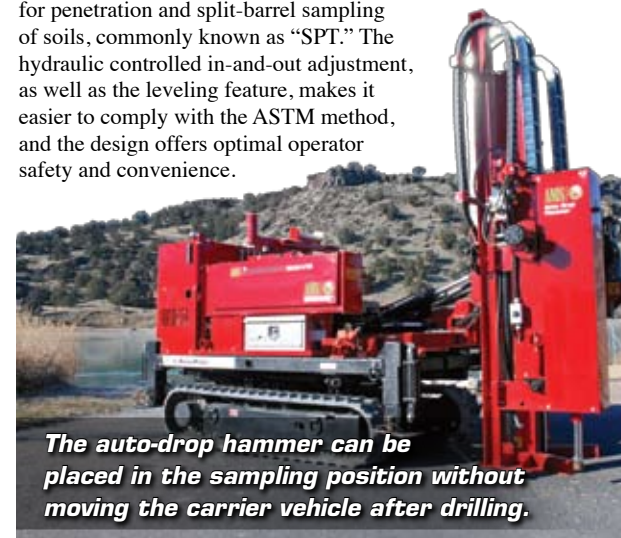


Hydraulic Auger Drive Heads

The auger drive head gives the PowerProbe™ more versatility with hollow and solid stem augering capabilities for easier subsurface penetration. AMS offers four different auger drive heads, all of which are permanently plumbed, and feature forward and reverse rotations. The hydraulic mast provides lateral and horizontal movement for easy alignment of hollowstem augers. The 2,400, 3,400 and 5,000 ft-lb auger drive heads are 2-speed and offer low auger torque at high speed and high auger torque at low speed.

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 controlled in-and-out adjustment, as well as the leveling feature, makes it easier to comply with the ASTM method, and the design offers optimal operator safety and convenience.



The auto-drop hammer can be placed in the sampling position without moving the carrier vehicle after drilling.

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.



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.

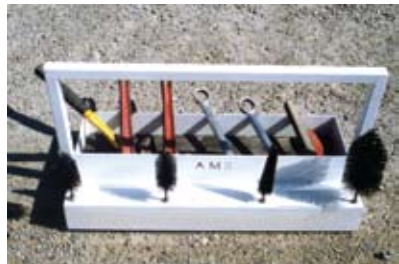


Foldable Tooling Stands for Direct Push Extensions

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 reels provide convenient hose storage for your high or low-pressure wash systems. They are coiled on a spring-loaded reel.



Hi-Pressure Washer

ASM's hydraulic hi-pressure washer is designed for use in the field! Bolted right to your PowerProbe™, it is easily accessible for decontamination purposes.





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*The world's finest
sampling equipment.*

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