

# AMS 9100-VTR PowerProbe

## AMS PowerProbe™ 9100-VTR

The small footprint of the 9100-VTR-D (diesel) and 9100-VTR-P (propane) are ideal for residential areas, tanks, farms, and gated areas. They are rugged, compact probing units that combine a 50 ft-lb hammer with mobility. 9100-VTR rigs are able to maneuver thru rough terrain, and easily gain access to tight, confined, and enclosed spaces. Both machines can navigate thru 36-inch doorways, gated openings, and into buildings with low overhead clearance. Utilizing their transport hooks, these rigs can also be air-lifted into remote job locations. Propane's clean burning properties help the 9100-VTR-P maintain air quality and increases safety with a minimal flammability range.

### Standard Features

- Long lasting powder-coated finish
- Aluminum power track
- Spring-loaded pull yoke
- Enhanced control panel
- 50 ft-lb hydraulic hammer
- 56" probe stroke – able to run 4 ft tooling
- Hydraulic oil pressure gauge
- Rubber tracks for minimal ground disturbance
- Electro-hydraulic valves - in-out, side-side, and tilt
- Tooling storage
- Adjustable mast for angled probing
- Transport hooks
- Two 20 lb. (pound) liquid drawn propane (LP) tanks, which pull from the bottom of the the tank (9100-VTR-P only)
- Hydraulic oil pressure and temperature gauges
- Emergency stop system
- Pendant remote with 15' cord
- 12 volt outlet
- Tooling vise
- Storage for pendant control

### Convenience Package

- Hand auger to pre-clear soil boring locations

### Options and Accessories

- 90 ft-lb hydraulic hammer
- S-21 201 ft-lb hydraulic hammer
- 1,000 ft-lb auger drive head
- Regen System

### Warranty

- Full one year factory warranty



Skid, ATV, Ag-Probe and P-model 9100 Series PowerProbes™ are also available.



## Financing Available

### Basic Models Starting at \$886/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, a 1,000 ft-lb. hydraulic auger drive head can be added to 9100-VTR models to allow for hollowstem augering. A variety of additional upgrade options and accessories are available so you can configure the unit to match your specific needs. Contact your AMS representative for more information.



Gain access to sampling sites thru standard 36 inch doorways.



Control Panel with up-down, side-to-side, tilt, and emergency stop.



Auger option can turn up to a 2 1/4" ID Hollowstem Auger.



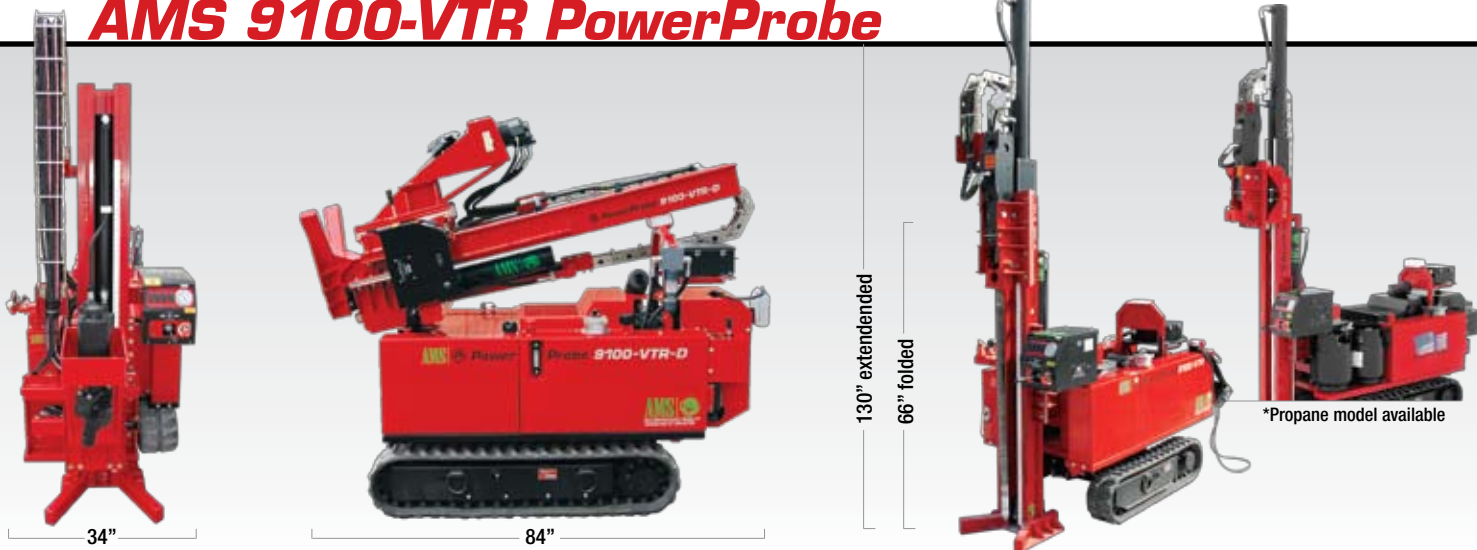
Using propane helps to maintain air quality and increase safety.



The world's finest sampling equipment.  
phone: 1-800-635-7330 1-208-226-2017

More Information: [www.ams-samplers.com/PowerProbes](http://www.ams-samplers.com/PowerProbes)  
fax: 1-208-226-7280 email: [ams@ams-samplers.com](mailto:ams@ams-samplers.com)

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Dimensions shown are for standard model.

\*optional accessories

## Tech Specs 9100-VTR-D 9100-VTR-P

Horsepower	26 hp	31 hp
Engine rpm Setting	2,200 rpm	2,200 rpm
Power Source	Vanguard 3LC-950D	Vanguard 3LC950P
Fuel Capacity	10 gal	Two 20 lb. Tanks (Liquid Propane)
Track Speed	2.8 mph	2.8 mph
DIMENSIONS		
Weight	3,100 lb	3,100 lb
Overall Length	84"	84"
Overall Width	34"	34"
Overall Height (folded)	66"	66"
Mast Extended Height	130"	130"
Probe Stroke	56"	56"
HYDRAULICS		
Hydraulic Oil Pressure	2,100 psi	2,100 psi
Hydraulic Flow Rate	10 gpm	10 gpm
Hydraulic Oil Cooler	18,000 BTU single	
HYDRAULIC OPERATION		
Down Force	19,950 lb	19,950 lb
Pull-Up Force:	26,250 lb	26,250 lb
Head Travel Rate Up	15 sec	15 sec
Head Travel Rate Down	12 sec	12 sec
In/Out Travel	14"	14"
Side-to-Side Movement	10"	10"
Foot Vertical Stroke	32"	32"
Hydraulic Hammers	SK-58 - 50 ft-lb - 1,200 bpm *BR 87 - 90 ft-lb - 1,100 bpm *S-21 201 ft-lb - 2,200 bpm	
*Optional Auger Drive Heads	1,000 ft-lb	

## 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 9100-VTR can be customized to include a dual-actuated telescopic cylinder that limits the overhead height under 90". With the standard width of 34 inches, it can fit through standard 36 inch doorways.