

Power

Horsepower	80 hp liquid cooled
Engine rpm Setting	2,200 rpm
Power Source	diesel engine

Dimensions

Weight (app.)	7,150 lb
Length	120"
Height Elevated	110"
Max Cylinder Height	178"
Probe Cylinder Stroke	80"

Hydraulics

Double Pump	small pump - 2,400 psi - 12 gpm
Hydraulic Oil Pressure	large pump - 3,000 psi
Oil Flow	36 gpm
Double Hydraulic Oil Cooler	31,000 BTU double
Hydraulic Oil Capacity	80 gal
Fuel Tank Capacity	30 gal

Hydraulic Operation

Down Force	33,000 lb
Pull-Up Force	47,500 lb
Head Travel Rate Up	10 sec
Head Travel Rate Down	8 sec
In/Out Travel	20"
Horizontal Traverse	68.5"
Foot Vertical Stroke	52"
Probe Angles	30 to 100 degrees

Hydraulic Hammers

Standard Hammer - AR-48	175 ft-lb - 1,500 bpm
Optional Hammer - AR-62	550 ft-lb - 1,150 bpm
Optional Hammer - S-21	201 ft-lb - 2,200 bpm
Optional Hammer - S-22	550 ft-lb - 1,800 bpm

Auger Drive Head

Standard	5,000 ft-lb
2-Speed, Hi=150 rpm, Low=65 rpm	

call for pricing

PowerProbe™ 9700-D



The 9700-D PowerProbe™ draws its power from a 80 hp liquid cooled diesel engine. We've added an 80" probe stroke that allows the operator to use up to 5' tooling. The 9700-D comes standard with a powerful 175 ft-lb hydraulic hammer with the option to upgrade to the even more powerful 550 ft-lb

hammers. When faced with a job requiring the installation of conventional groundwater monitoring wells, get the job done right with the standard two speed 5,000 ft-lb auger drive head.

Standard Features

- Adjustable mast for angled probing and drilling
- Long lasting powder-coated finish
- 80 hp liquid cooled diesel engine with gauges
- Auxiliary hydraulic hook-up kit
- Anodized metal power track
- 5,000 ft-lb auger head
- Electro-hydraulic valves
- Spring loaded pull yoke
- Enhanced control panel
- One year warranty
- Tooling storage
- Self contained model
- Rapid Rail mounting system
- 175 ft-lb hydraulic hammer

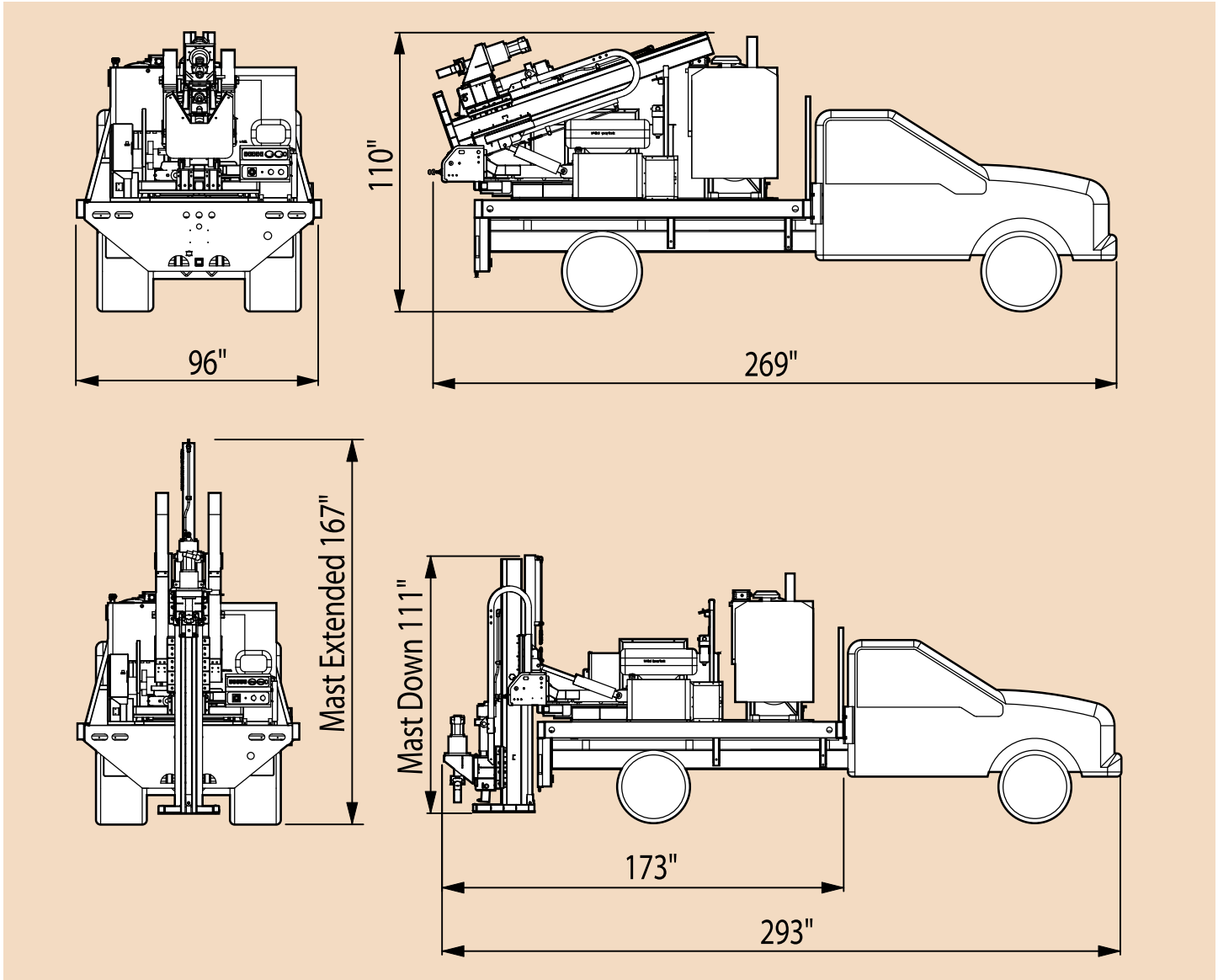
Convenience/Safety Package

- Hand auger to pre-clear soil boring locations
- Hydraulic oil pressure and temperature gauges
- Emergency stop system
- 12 Volt accessory outlet
- Electronic rpm control
- Hour meter
- Tooling vise



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Options and Accessories

- 10,000 lb. Hydraulic Winch
- 3,000 lb. Hydraulic Hi-Speed Winch
- Hydraulic Outriggers
- Customized Wash/Sample Prep/Decon Station
- Customized Equipment Storage – Tooling Boxes



Geotechnical Options

- Mast Mounted Auto Drop Hammer (SPT)
- Deck Mounted Auto Drop Hammer (SPT)
- CPT, CPTu, Seismic and Memo Vane (for accessories, see page 108.)
- Single Point Anchoring System (CPT)
- Dual Point Anchoring System (CPT)



Mounting Options

- AMS Heavy Duty Flatbed (11 ft, 14 ft)
- AMS Heavy Duty Support Trailer (12 ft)


Rapid Rail Mounting System

The fastest, easiest way to move your self contained PowerProbe™ from one carrier vehicle to another.

The rapid rail mounting system makes it easy to guide the PowerProbe™ on and off any carrier vehicle. The rapid rail can be mounted on a flatbed, pickup bed, or trailer. Extra rapid rail mounts can be pur-

chased giving the operator the ability to change carrier vehicles. The addition of rapid rail mounting system is a smart way to maximize the versatility of your PowerProbe™.

Available with this model. Call for details.

AMS |  *The world's finest sampling equipment.*

105 Harrison Street, American Falls, Idaho 83211 U.S.A.

Order by phone 800.635.7330 intl 208.226.2017 by fax 208.226.7280 online www.ams-samplers.com

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