

GEOPROBE®

78 series machines



• 7822DT



• 7800





Our Company.

Geoprobe Systems® is a team of skilled designers and craftsmen sharing the simple goal of producing the best possible subsurface probing and drilling equipment and tools in the world. To achieve this goal we leverage our strong engineering roots and stay focused on designing and testing new and innovative products for our customers. Our products are known for extracting high-quality soil, groundwater, and rock samples in a safe and efficient manner using direct push, rotary, and sonic methods. We strive to be known as leaders, and purposefully desire to work with the best technical drilling service providers to deliver reliable products along with knowledgeable product service and superior training and support.



machines and tooling for sampling ...

Soil. Water. Rock.

Geoprobe® product line ...



Direct Push/Rotary Machines



Rotary Sonic Rigs



Limited Access Machines



Soil Sampling Tools



Groundwater Sampling Tools

inside ...

4 78 Series Machine Applications
 8 7822DT Design Features
 10 7822DT Options & Accessories
 12 7822DT Machine Specifications
 14 7800 Design Features
 16 7800 Options & Accessories
 18 7800 Machine Specifications

Geoprobe® 78 Series Machines.

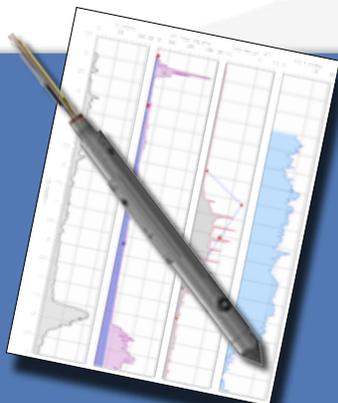
The 78 Series of machines were designed with specific goals in mind for the technical driller. Dependability. Expandability. Performance. These rigs will help you adapt to changing work roles whether you're focused on environmental, geotechnical, or exploration work. From the small footprint of the 7822DT, which makes for easy maneuverability, to the power under the GH60 Series hammer, we think you'll wonder why you don't already own this machine. Call us for an onsite demonstration, or come tour our manufacturing facilities and sample a bit of our Geoprobe® hospitality.



A 7822DT onsite makes small work of rugged terrain and barricades.



Using the automatic drop hammer to perform foundation testing.



Direct Image® Logging Tools



Sonic Tooling



Coring/Specialty Tooling



www.geoprobe.com

1-800-436-7762

785-825-1842

Geoprobe® 78 Series Machines:

Built on Features, Built for Expandability

At Geoprobe Systems®, we're known for making high-capacity, compact equipment for the technical drilling industry. The 78 Series rigs are loaded with features and capabilities that enhance subsurface sampling ... from direct push to hollow stem augering, from air and mud rotary to concrete and rock coring. Real success is found when the most efficient, cost-effective solution (the right rig and tooling) is incorporated to finish the task at hand (successfully completing a project and making money for your company). More than ever, Geoprobe® equipment is the best solution with the most options. You'll find the 78 Series rigs to be more powerful to complete rotational drilling projects, designed to work with larger diameter tooling, and equipped with more options allowing you to offer more services to your clients. And with the Geoprobe® customer service team, you can always count on fast and knowledgeable support when you need it.



Angle Probing

Easy probe placement makes the 78 rigs ideal for sampling next to or near foundations.



Direct Push Soil Sampling

The 78 Series machines are ideal for direct push soil sampling. These units are used extensively for soil coring using the Macro-Core® (MC) and DT22 and DT35 (dual tube) systems.

78 Series Machine Applications



Standard Penetration Testing (SPT)

78 Series machines can be equipped with an automatic drop hammer (optional) for performing SPT testing for geotechnical investigations. The 78 rigs can advance borings for SPT testing by augering, driven casing and sampling, or wash boring. The compact size of the 7822DT enables it to access remote areas.



Augered Monitoring Well Installation

Larger diameter monitoring wells are often installed through hollow stem augers. Customers report that the optional GA4100/ GA4000 augerheads on 78 machines exceed their expectations for augering work.

“Since purchasing our rig, it has been in near constant operation on both environmental and geotechnical projects. The flexibility of this machine to perform multiple tasks in a single mobilization allows us to reduce our client’s time and expenses. The versatility of the machine enables us to efficiently meet our clients’ sampling needs; so much so that they now request our Geoprobe® rig.”

Anne Leslie, Owner and President
Raimonde Drilling
Addison, IL



Direct Push Groundwater Sampling

The 78 Series machines are a natural choice for direct push groundwater sampling in unconsolidated formations. Customers look to SP22 (2.25 in. rods) and SP16 (1.5 in. rods) groundwater samplers for reliable, high-quality samples.



Direct Push Monitoring Well Installation

Prepacked screen monitoring wells can be installed through driven 2.25-, 3.25- or 3.5-in. casing. The 78 Series machines have the muscle both to drive these rod sizes and the pull-back power to recover them again after the wells are installed.



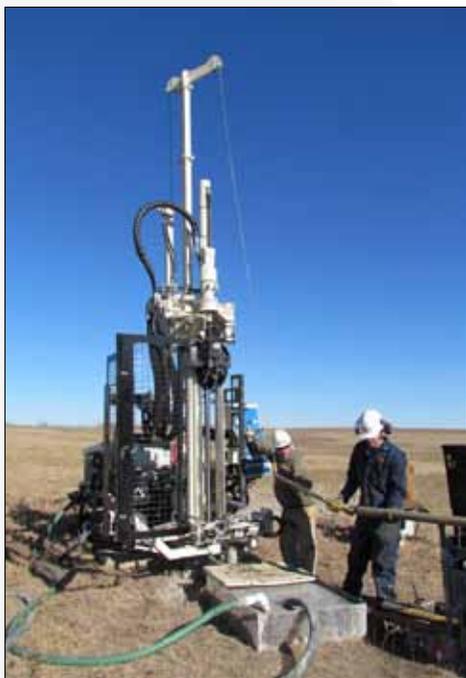
Underground Storage Tank Investigations

At this site, the 7822DT is used to collect soil and groundwater samples to determine the extent of contamination from a leaking underground fuel line.



Cone Penetration Testing

CPT testing is a common application for 78 Series machines. The augerhead torque allows insertion of ample-sized anchors to stabilize the machine. Up to 9 tons of push is typical for this platform. Once the CPT cone has been pushed and recovered, the operator is able to change functions and perform confirmatory soil sampling with the same machine.



Diamond Core Drilling

This 7822DT cored through rock to 150 feet using industry standard NQ wireline diamond core drilling tools. The core boxes below hold the top 115 feet of rock cores, with the top of the first core shown upper left. The site is underlain by Permian Age formations consisting of an alternating series of limestone and shale.



Direct Image® Subsurface Logging

The 78 Series machines have been used extensively for MIP (Membrane Interface Probe), HPT (Hydraulic Profiling Tool), and EC (Electrical Conductivity) logging projects.



Augering

Turning augers for well installation and other environmental investigations is made easy with the power of the 78 Series machines and augerheads.



Soil Sampling

This 7822DT collects DT22 (dual tube) samples along a damaged sea wall. Because of its lightweight and compact size, the rig was able to drive along the beach without the use of tracking pads.



Concrete Coring

A 5-in. concrete core opens up the subsurface for sampling or monitoring well installation.

78 Series Machine Applications



Mineral Exploration
The compact size and maneuverability of the 7822DT makes it ideal for tight or remote spaces. Core samples were taken of permafrost during this site investigation.



Rotary Drilling
Because of their flexibility, rotary drilling is just one of the applications suitable for the 78 Series machines. This 7822DT is running a 4 in. downhole hammer in limestone.

“Due to the small access and overhead wires, we put our new 7822DT on the job immediately. We turned 8.25-in. augers to rock and drilled 8-in. air rotary to install a 4-in. monitoring well. We were impressed with the machine’s performance!”

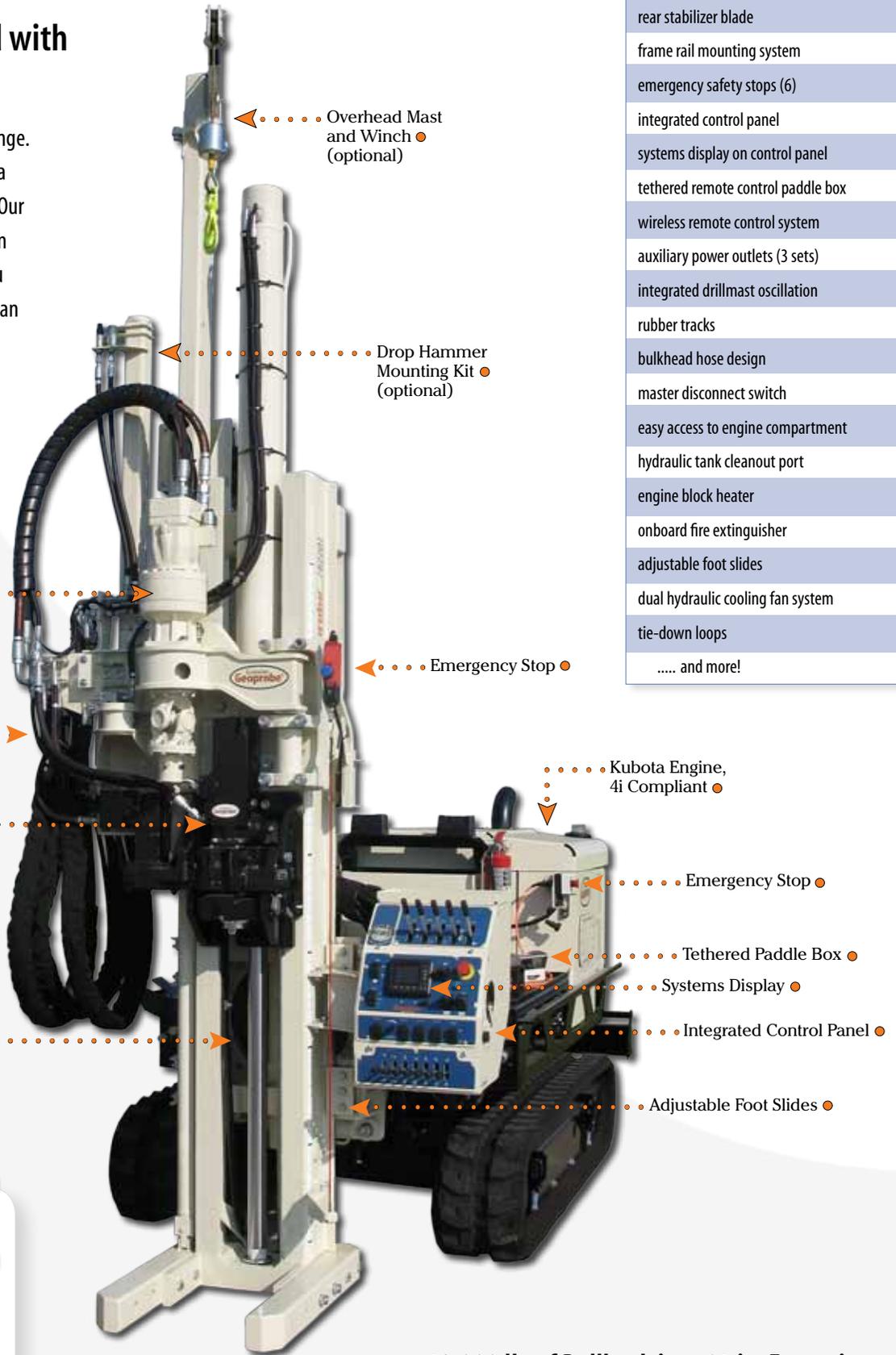
Dan Sponseller, Operations Manager
Eichelbergers
Mechanicsburg, PA



Foundation testing with the 7822DT.

Base Machine is Loaded with Standard Features.

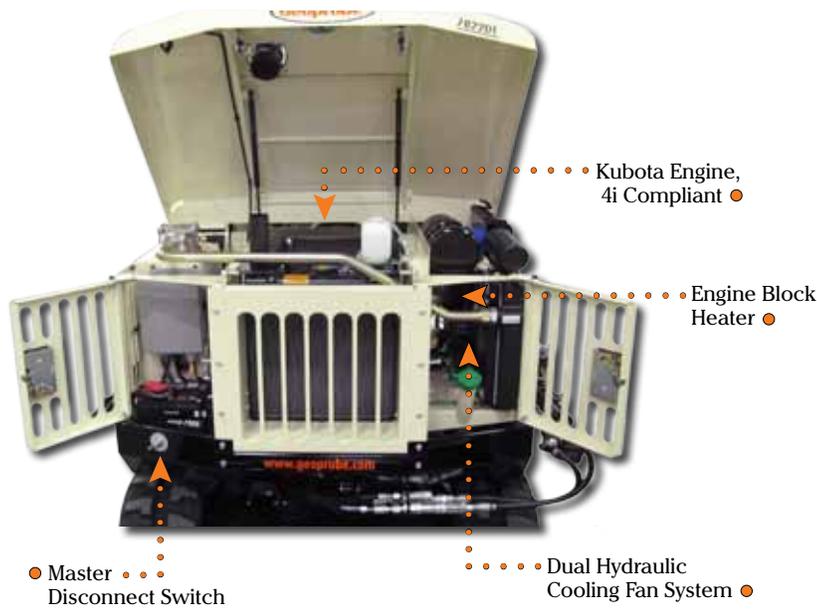
You know your business is going to change. We've equipped the base 7822DT with a long list of features to get you started. Our team has also engineered it to accept an ever-growing list of options that let you expand and grow. Get a machine that can change with your business!



7822DT Standard Features
gh63 percussion hammer
kubota engine 4i compliant
rear stabilizer blade
frame rail mounting system
emergency safety stops (6)
integrated control panel
systems display on control panel
tethered remote control paddle box
wireless remote control system
auxiliary power outlets (3 sets)
integrated drillmast oscillation
rubber tracks
bulkhead hose design
master disconnect switch
easy access to engine compartment
hydraulic tank cleanout port
engine block heater
onboard fire extinguisher
adjustable foot slides
dual hydraulic cooling fan system
tie-down loops
..... and more!

 A CE Marking is a declaration by the manufacturer that the machine complies with the requirements of all relevant health, safety, and environmental protection legislation of the European Community. At Geoprobe Systems®, we incorporate many of the CE Marking features in to all of our new machines.

48,000 lb. of Pullback in a 64-in. Footprint



Easy Access to Engine Compartment for Easy Serviceability



7822DT Control Panel

All of the machine's functions are at your fingertips in a well-organized, compact control panel. The new Systems Display, standard on the updated 7822DT control panel, provides real-time systems analysis and a suite of built-in diagnostic tools. Also included are system safeguards that protect the main engine and hydraulic components when important operational parameters are compromised. It's all there to assist the rig operator.



In Demand Options and Accessories for 78 Series Owners

Rig owners and field teams have specific needs and requirements. That's why we equip our 78 Series rigs with so many 'in demand' features. Many options are also available that enhance the performance and capabilities of the 78 machines ...and that list continues to grow! Adding capabilities increases your utilization rates and keeps a steady workload for your field team.



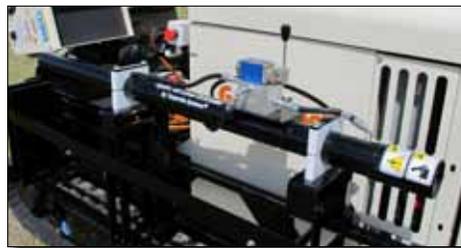
Geoprobe® 7822DT with GH63 hammer, drop rack with 25-gallon water transport system, machine vise, GA4100 augerhead, hydraulic liner extruder, overhead mast, and hydraulic winch.



augerhead, four-speed, GA4100 ...213945 (shown)
or two-speed, GA4000 ...213944



automatic drop hammer, DH103
...213897



hydraulic liner extruder ...205501 (for 5 ft. rods) or 204258 (for 4 ft. rods)



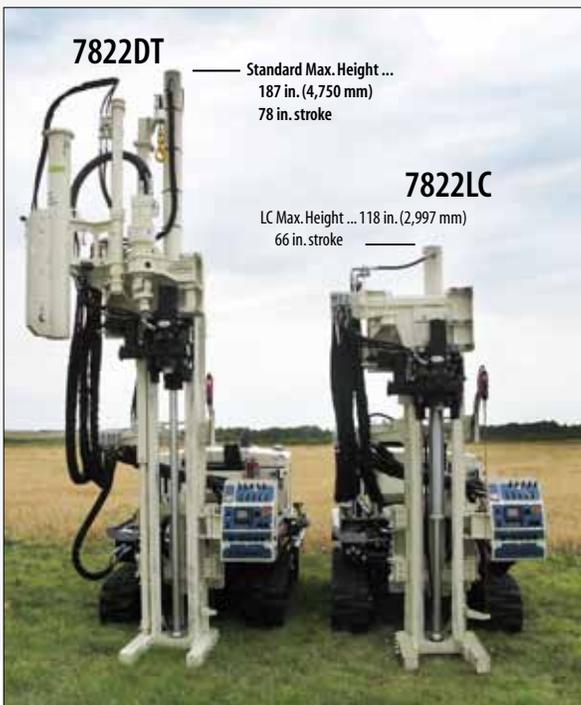
overhead mast and
hydraulic winch ...215620



hydraulic liner extruder mount with dropdown work surface
(extruder not included) ...210107



rotating overhead mast and
hydraulic winch ...215728



Moyno® 2L4 progressive cavity pump ...210603



secondary hydraulic winch ...218001



Moyno® 3L6 progressive cavity pump with
white dropdown work table ...209926



3 ft. winch extension tube
...213364

7822DT Options & Accessories



locking side-mount rod rack ...212306



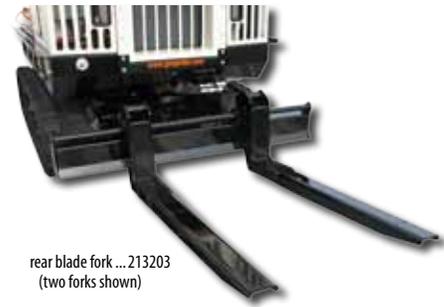
side-mount rod rack ...209257



drop rack system with utility rack ...207443



drop rack system with rod rack ...207659



rear blade fork ...213203
(two forks shown)



water transport system, 25 gal ...209445



drop rack w/ 50 gal pressure washer system ...213990



7-in. single clamp breakout (shown) ...212785
coring upgrade kit ...217024



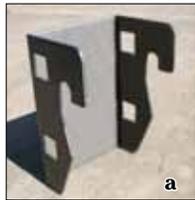
Moyno® hose kit, helper side mount ...217726
operator side mount ...217729



mud pan ...217038



rotational safety cage
no drop hammer ...213002
with drop hammer ...212896



a



b

accessory mounting brackets
a. stabilizer blade ...211664
b. frame rail ...211734



machine vise ...213932



field service kit ...214244



GH60 series nitrogen
charge kit ...202681



head feed pressure control module ...216137



display screen heater kit ...
207870



high-speed water swivel ...216398

floating sub options:
HQ thread ...213482
NQ thread ...210874
NWJ thread ...210873



“From the removable drop rack system, onboard Moyno® pump, liner extruder, and user-friendly control panel, it’s easy to impress customers with the 7822DT’s efficiencies.”

Jim Duffy, President
East Coast Drilling
Moorestown, NJ

7822DT Machine Specifications

7822DT Unit Platform

Stroke	78 in	1,981 mm
Weight (approximate)	8,000 lb	3,632 kg
Width	64 in	1,626 mm
Length (folded)	133 in	3,378 mm
Height, w/standard mast (folded)	100 in	2,540 mm
Height, w/rotating mast (folded)	86 in	2,184 mm
Height, w/dual mast (folded)	100 in	2,540 mm
Height, no mast (folded)	79 in	2,007 mm
Height, w/mast (unfolded)	187 in	4,750 mm
Height, no mast (unfolded)	118.5 in	3,010 mm
Foot Travel	20.5 in	521 mm
Extension	15.5 in	394 mm
Lateral Movement (side-to-side)	+ 7 degrees from centerline	
Oscillation	± 13 degrees from vertical	
Rear Stabilizer Lift	2,000 lb	907 kg
Rear Blade Width	60 in	1,524 mm
Ground Speed	0 - 5 mph	0 - 8 kph
Surface Load	4.6 lb/in ²	0.32 kg/cm ²
Track Width	12 in	305 mm

Percussion Hammer

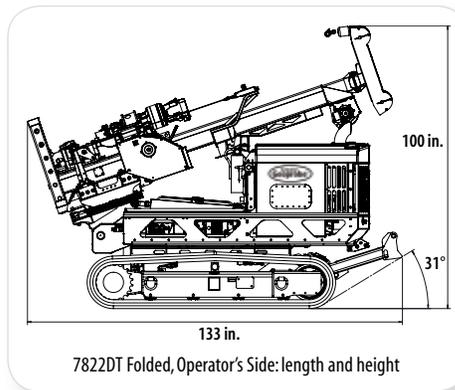
Hammer System	GH63	
Percussion Rate	32 Hz	
Forward Torque	517 ft-lb	701 N·M
Reverse Torque	637 ft-lb	864 N·M
Rotation Speed	0 - 234 rpm	
Power Cell Weight	90 lb	41 kg

Hydraulic Systems

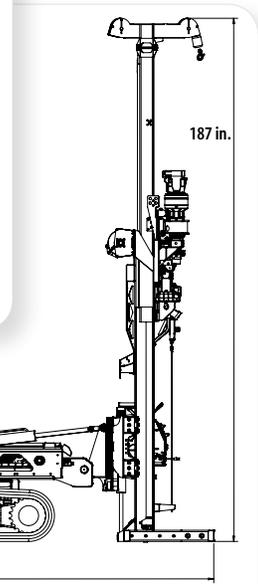
Down Force	36,000 lb	160 kN
Retraction Force	48,000 lb	214 kN
Hydraulic Pressure (system)	4,000 psi	275 bar
Hydraulic Flow Rate (system)	40 gpm	151 Lpm

Engine

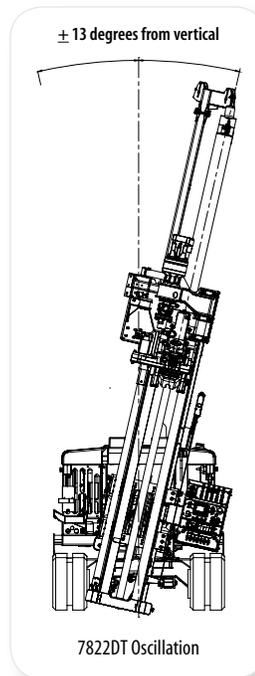
Engine (diesel)	Kubota, 4-cylinder turbo, Tier 4i	
Engine Power (rated)	58 hp	42 Kw
Fuel Capacity (diesel)	17 gal	64 L



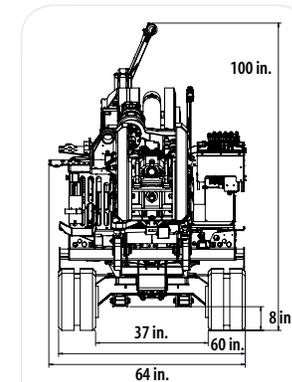
7822DT Folded, Operator's Side: length and height



7822DT Unfolded, Helper's Side: length and height



7822DT Oscillation



7822DT Folded, Front: rig width and track width

Built-in Oscillation

The 78 Series machines feature built-in oscillation for easy setup on sites with rough terrain, uneven slopes, or hills. The machine remains stable while the field operator aligns the probe cylinder and tool string on a straight path into the subsurface. Built-in oscillation ... a standard feature on ALL 78 Series rigs!



7822DT

7822DT Machine Specifications

Augerhead

GA4100 Augerhead, 4-Speed

High Torque	4,000 ft-lb	5,423 N•M
Low Torque	400 ft-lb	542 N•M
High Speed Rotation	0-750 rpm	
Low Speed Rotation	0-75 rpm	
Hex Adapter	1-5/8 in	41 mm

GA4000 Augerhead, 2-Speed

High Torque	4,000 ft-lb	5,423 N•M
Low Torque	2,000 ft-lb	2,711 N•M
High Speed Rotation	0-150 rpm	
Low Speed Rotation	0-90 rpm	
Hex Adapter	1-5/8 in	41 mm

GA4100/GA4000 Augerheads

Now you have two options for rotary work. The GA4100 four-speed augerhead (shown) provides the same high torque (4,000 ft. lb.) as the popular GA4000 but with two additional high speeds pushing its top speed over 700 rpm. The result is a compact drill head with versatile performance for drilling jobs varying from torquing-in hollow stem augers to high-speed rock coring applications. Shifting between speeds is as simple as



GA4100 Augerhead

touching a toggle switch to shift-on-the-fly from 1st to 2nd and 3rd to 4th. A manual lever on the head is used to shift from 2nd to 3rd. The GA4100 and the two-speed GA4000 are integrated onto a swing-out mounting system.

"I'm ecstatic about our 7822DT! It's so great I can't believe it! Doing SPT work with it is unbelievable! And we're so, so happy we bought the breakout ... it's awesome!"

Doug Walker, MGWC, Owner/President
M & R Soil Investigations
Egg Harbor, NJ



Hydraulic Winch

Primary Winch

Winch Rating	2,350 lb	1,067 kg
Winch Speed	0-125 fpm	0-38 m/min
Cable Length	75 ft	23 m

Secondary Winch

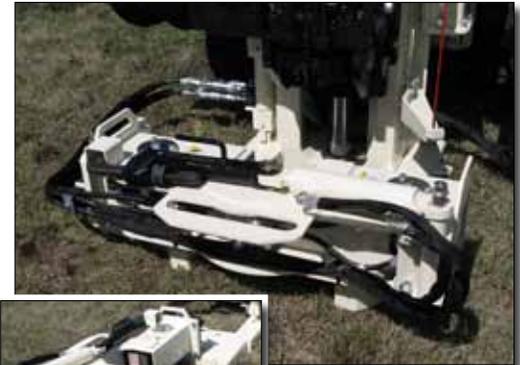
Winch Rating	1,000 lb	454 kg
Winch Speed	0-180 fpm	0-55 m/min
Cable Length	150 ft	46 m

7-in. Single Clamp Breakout

Clamp Opening	7 in	178 mm
Clamp Range	1.25 - 6 in	31.75 - 152 mm
Clamp Force	0 - 17,500 lbf	0 - 78 kN
Breakout Torque	6,000 ft-lbf	8,135 N•m
Weight	350 lb	159 kg

7-in. Single Clamp Breakout

With an adjustable clamp force of up to 17,500 lbf, the 7822DT breakout has an opening of 7 in. with hardened jaw pads to firmly grip casing. The breakout, which can be positioned either under the hammer or the auger drive, has a side pivot allowing it to swing over and away from the hole when not in use. The breakout can be retrofitted on to all 7822DT rigs already in the field. An optional Coring Upgrade Kit (217024) is also available to firmly grip thin-walled 2.75 in. OD casing without damage to the casing. The kit includes formed jaw pads and a circle wrench with carbide inserts.



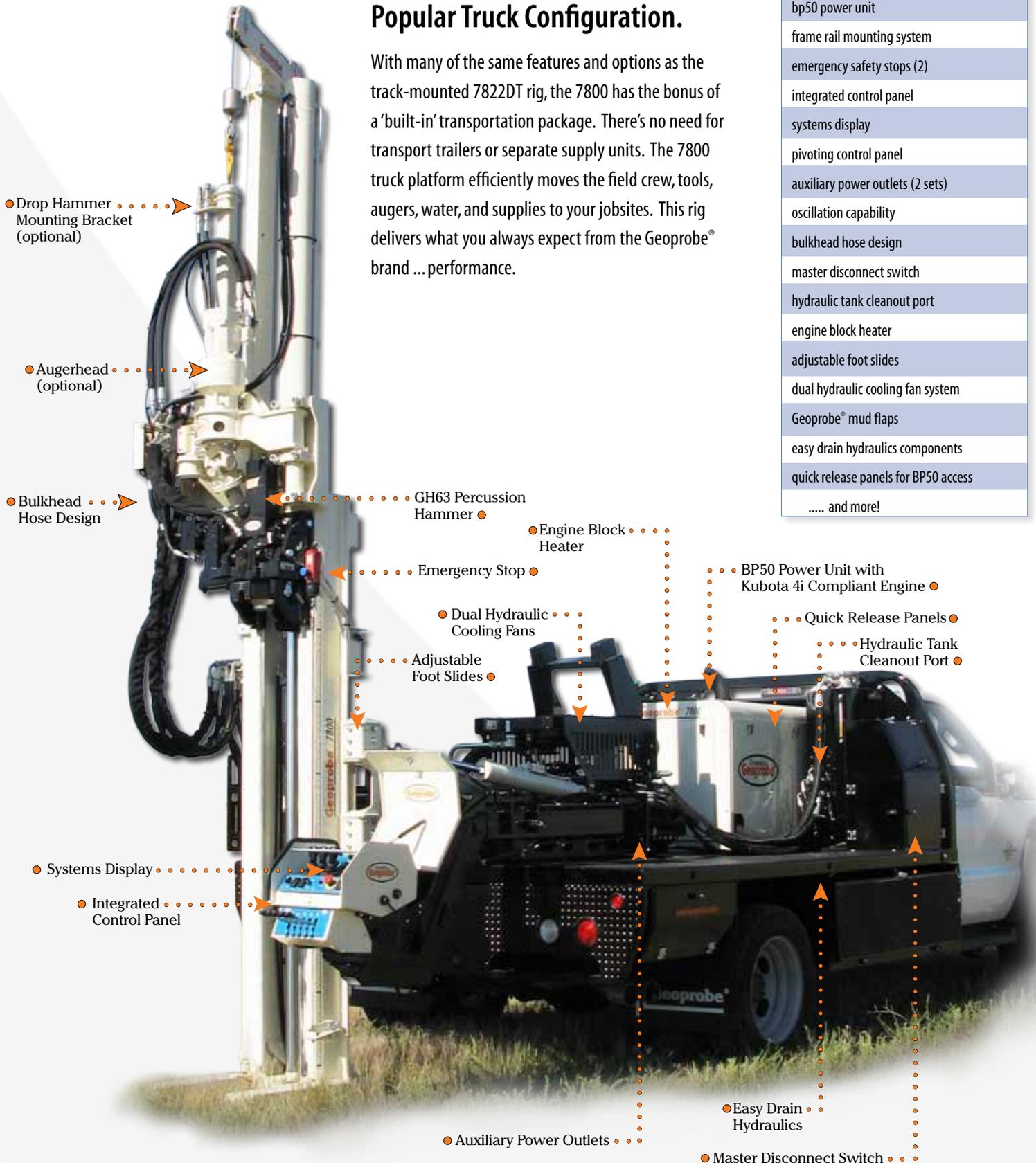
7-in. Single Clamp Breakout for the 7822DT



7800 Machine Features

78 Series Machine Available on Popular Truck Configuration.

With many of the same features and options as the track-mounted 7822DT rig, the 7800 has the bonus of a 'built-in' transportation package. There's no need for transport trailers or separate supply units. The 7800 truck platform efficiently moves the field crew, tools, augers, water, and supplies to your jobsites. This rig delivers what you always expect from the Geoprobe® brand ... performance.



● Drop Hammer Mounting Bracket (optional)

● Augerhead (optional)

● Bulkhead Hose Design

● GH63 Percussion Hammer

● Engine Block Heater

● Emergency Stop

● Dual Hydraulic Cooling Fans

● Adjustable Foot Slides

● BP50 Power Unit with Kubota 4i Compliant Engine

● Quick Release Panels

● Hydraulic Tank Cleanout Port

● Systems Display

● Integrated Control Panel

● Easy Drain Hydraulics

● Auxiliary Power Outlets

● Master Disconnect Switch

7800 Standard Features

- gh63 percussion hammer
- kubota engine 4i compliant
- bp50 power unit
- frame rail mounting system
- emergency safety stops (2)
- integrated control panel
- systems display
- pivoting control panel
- auxiliary power outlets (2 sets)
- oscillation capability
- bulkhead hose design
- master disconnect switch
- hydraulic tank cleanout port
- engine block heater
- adjustable foot slides
- dual hydraulic cooling fan system
- Geoprobe® mud flaps
- easy drain hydraulics components
- quick release panels for BP50 access
- and more!

The 7800 rig, mounted on a heavy-duty truck, is self-contained and road-ready.

GH60 Series Hammer

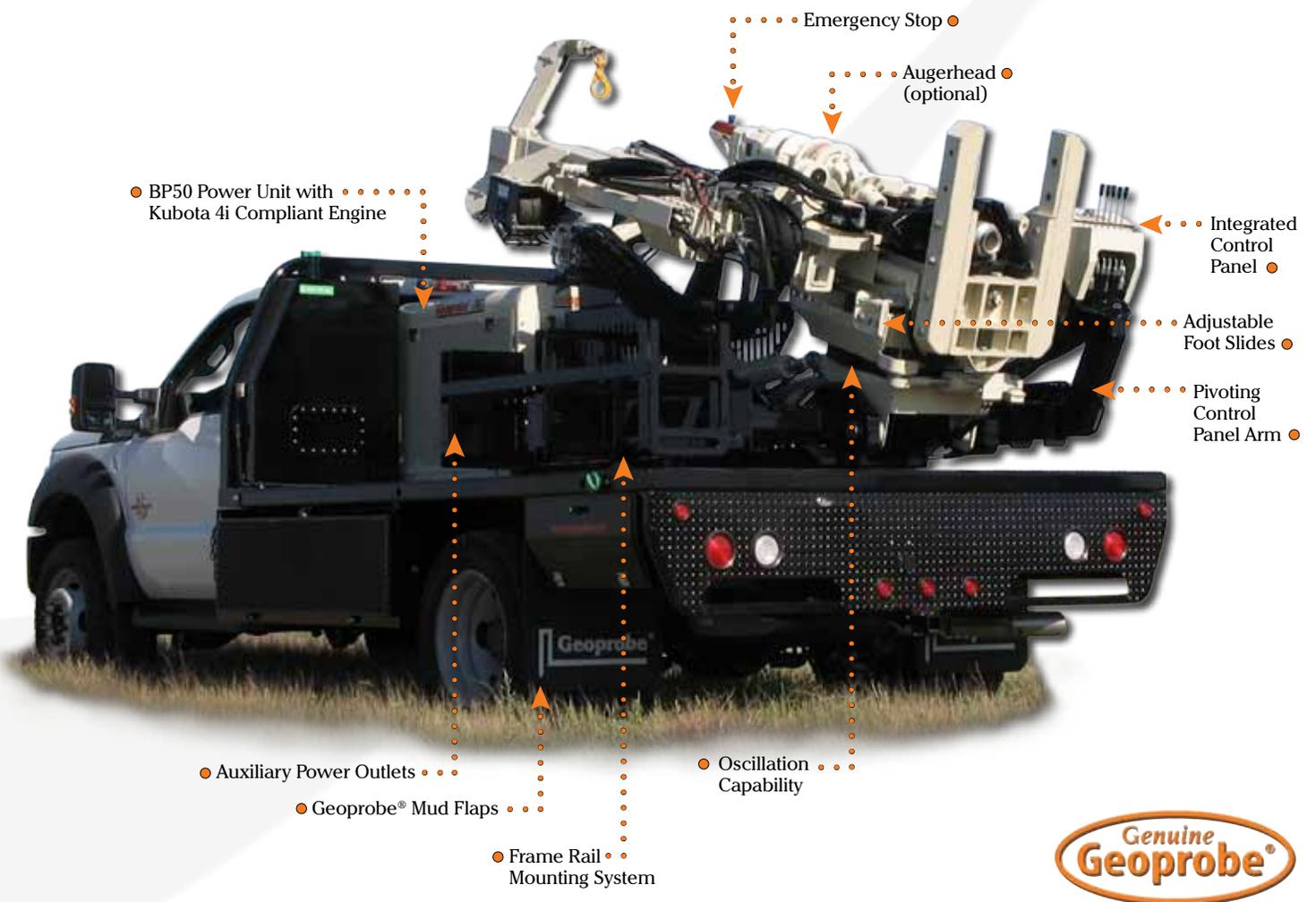
Exclusively from Geoprobe Systems®! Who but Geoprobe Systems® dedicates an entire R&D team to design, test, and build a hammer that, time and again, drives a machine ahead of its field? The GH63 Percussion Hammer, the heart of the 78 Series rigs, continues to impress machine owners. The Modular Percussion Power Cell Technology saves owners money and time when it comes to service. The power cell section can be quickly removed then economically shipped via standard overnight carriers for easy service and quick turnaround. More Power. Easier Serviceability. It's the GH63 Hammer ... and it's only from Geoprobe Systems®!



GH63 Percussion Hammer

"We went with the 7800 because it's easier for us to mobilize. Most of our work is in the greater Los Angeles/ Orange County area where space is a premium. We have track rigs and like them, but for us, unloading a track rig at the work site then parking the transport vehicle off site isn't efficient."

Rich Koester, General Manager
Kehoe Testing and Engineering
Huntington Beach, CA



- Emergency Stop ●
- Augerhead (optional) ●
- BP50 Power Unit with Kubota 4i Compliant Engine ●
- Integrated Control Panel ●
- Adjustable Foot Slides ●
- Pivoting Control Panel Arm ●
- Auxiliary Power Outlets ●
- Geoprobe® Mud Flaps ●
- Frame Rail Mounting System ●
- Oscillation Capability ●



Options for 7800 Continue to Grow

The list of options and accessories continues to grow for the 7800. Many additions are based on customer feedback and what your clients are requesting. Our engineers continue to develop and design more ways to make our rigs more specialized and better equipped for environmental, geotechnical, geothermal, and exploration needs.



Geoprobe® 7800 with BP50 power unit, GH63 hammer, augerhead, overhead mast, hydraulic winch, frame-mounted rod rack, underbody storage rack, rear underbody storage compartment.



augerhead, four-speed, GA4100 ... 213945
or two-speed, GA4000 ... 213944



automatic drop hammer, DH103
... 213897



hydraulic liner extruder ... 205501 (for 5 ft. rods) or 204258 (for 4 ft. rods)



overhead mast and
hydraulic winch ... 215620



Moyno® 2L4 progressive cavity pump ... 210603



3 ft. winch extension tube
... 213364



Moyno® 3L6 progressive cavity pump ... 218917



display screen heater kit ... 207870

Safety is NOT an Option

E-stops and other built-in safety features on the 78 Series rigs are key in keeping your field team safe on the jobsite. System safeguards are automatically provided to protect the main engine and hydraulic components of the machine through the control panel's diagnostic system. There are two E-stops on the 7800 rig, and four active E-stops on the 7822DT plus an E-stop on each of the 7822DT's wireless remote and tethered remote. Drilling is a tough business and we want to keep you safe while you're on the job.



7-in. single clamp breakout (shown) ... 212785
coring upgrade kit ... 217024



frame-mounted rod rack ...212306



rear underbody storage compartment ...212139



underbody storage rack ...214351



field service kit
...214244

GH60 series nitrogen
charge kit ...202681

Mounting Options

Typically mounted on a Ford F550 chassis, the 7800 can be configured to mount on other heavy-duty trucks. Geoprobe® Customer Service can help you determine if your vehicle is 78 adaptable. Features of the 7800 make it well-suited for the geotechnical and exploration industries as well as for environmental sampling.



7800 mounted on Ford F550 Heavy-Duty chassis



7800 mounted on Dodge Ram 5500 Heavy-Duty chassis

“It was very valuable for our employees to learn the trouble shooting and maintenance tips that you provided. Hats off to the Geoprobe® team for a very professional and informative machine training session. Your support has been outstanding!”

Kevin Heinrich, Field Supervisor
Major Drilling Environmental
Huntsville, AL



Auxiliary Power Outlets

The 7800 comes equipped with two separate sets of auxiliary power outlets to run the Hydraulic Liner Extruder, Moyno® pump, or other hydraulic add-on equipment. A set of outlets is located near the middle of the platform on both the operator's side and the helper's side of the machine.



7800 mounted on Ford F550 Heavy-Duty chassis



Geoprobe® Service

This is the Geoprobe® Service Team ... they're dedicated to your success in the field. They are knowledgeable, experienced, and know Geoprobe® equipment inside and out. The Service Team can help with maintenance and repair problems, when your machine is down at the jobsite, or to make sure you're ordering the correct repair or maintenance parts. These are the guys you want supporting your rig, and these are the guys that make it happen. We believe they're the best!

7800 Machine Specifications

7800

Stroke	78 in	1,981 mm
Weight (approximate)	8,250 lb	3,746 kg
Width	96 in	2,438 mm
Length (folded)	133 in	3,378 mm
Height (folded)	116 in	2,946 mm
Height (unfolded)	184 in	4,674 mm
Foot Travel	45 in	1,143 mm
Extension	16 in	406 mm
Lateral Movement (side-to-side)	± 7 degrees from centerline	
Oscillation	± 13 degrees from vertical	

Percussion Hammer

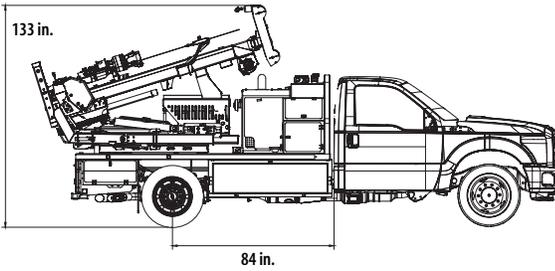
Hammer System	GH63	
Percussion Rate	32 Hz	
Forward Torque	517 ft-lb	701 N·M
Reverse Torque	637 ft-lb	864 N·M
Rotation Speed	0 - 234 rpm	
Power Cell Weight	90 lb	41 kg

Hydraulic Systems

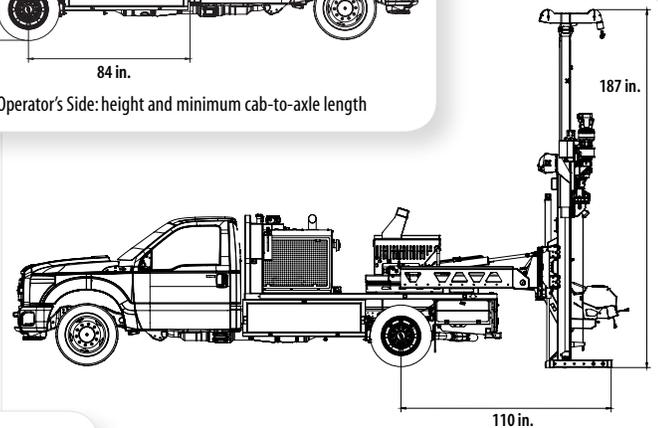
Down Force	36,000 lb	160 kN
Retraction Force	48,000 lb	214 kN
Hydraulic Pressure (system)	4,000 psi	275 bar
Hydraulic Flow Rate (system)	40 gpm	151 Lpm

BP50 Power Unit

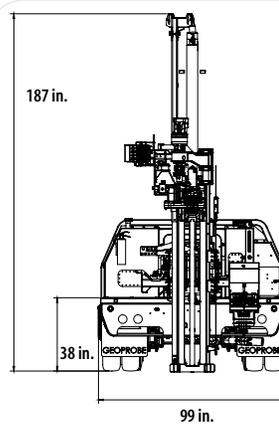
Engine (diesel)	Kubota, 4-cylinder turbo, Tier 4i	
Engine Power (rated)	58 hp	42 Kw
Fuel Capacity (diesel)	24 gal	90 L
Cooling System	Liquid	
Power Unit Weight	1,700 lb	772 kg
Power Unit Dimensions	42 in L x 30 in W x 30 in H 1,067 mm L x 762 mm W x 762 mm H	



7800 Folded, Operator's Side: height and minimum cab-to-axle length

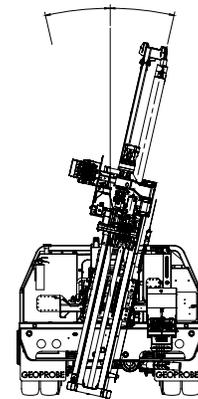


7800 Unfolded, Helper's Side: height and axle-to-foot length



7800 Unfolded, Rear: height, platform-to-surface height, and width

±13 degrees from vertical



Built-in Oscillation



Locking Side Rod Rack

Getting your tools to the job site is important. Getting the tools there safely is also important. This locking side rod rack makes sure your probe rods, casing, and other longer tools are transported safely without losing them on the roadways and endangering other motorists.



7800

7800 Machine Specifications

Augerhead

GA4100 Augerhead, 4-Speed

High Torque	4,000 ft lb	5,423 N•M
Low Torque	400 ft lb	542 N•M
High Speed Rotation	0-750 rpm	
Low Speed Rotation	0-75 rpm	
Hex Adapter	1-5/8 in	41 mm

GA4000 Augerhead, 2-Speed

High Torque	4,000 ft lb	5,423 N•M
Low Torque	2,000 ft lb	2,711 N•M
High Speed Rotation	0-150 rpm	
Low Speed Rotation	0-90 rpm	
Hex Adapter	1-5/8 in	41 mm



Self-Contained Power Unit

Hydraulic and electrical power for the 7800 is provided by the BP50 Power Unit which utilizes the same Kubota 4-cylinder, turbo diesel engine and core hydraulic system components as the 7822DT. This results in performance and reliability equal to the 7822DT without the need of special hydraulics packages that limit power train options of the carrier vehicle.

“Once again Geoprobe® has proven why you are the best in the industry. You provide the best engineered equipment available. You provide the best service available. And you support your products.”

Donny May, Operations Manager
Vortex Drilling
San Antonio, TX

Hydraulic Winch

Winch Rating	2,350 lb	1,067 kg
Winch Speed	0-125 fpm	0-38 m/min
Cable Length	75 ft	23 m

7 in. Single Clamp Breakout

Clamp Opening	7 in	178 mm
Clamp Range	1.25 - 6 in	31.75 - 152 mm
Clamp Force	0 - 17,500 lbf	0 - 78 kN
Breakout Torque	6,000 ft-lbf	8,135 N•m
Weight	350 lb	159 kg



7800 Control Panel

The 7800 features a well-organized, slide-out control panel mounted on a swing arm that can be easily positioned to conform to the needs of the operator. Other control panel features include:

- Direct acting hydraulic valves for machine positioning functions.
- Electric-over-hydraulic controls for machine probing and drilling functions.
- Built-in machine diagnostic information and machine safeguards.
- Control of optional accessories, such as a drop hammer or pumps.
- Hinged and lockable cover.





Our Customer Service Team welcomes all calls and inquiries about the capabilities and availability of any of our Geoprobe® machines.

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www.geoprobe.com

1835 Wall Street • Salina KS 67401
1-800-436-7762 • 785-825-1842

