

Geoprobe® 7822DT Combo Rig

The Industry Benchmark for Direct Push Equipment

The Geoprobe® 7822DT is a high-capacity direct push machine with a narrow platform. Applications include soil sampling, rock coring, groundwater monitoring, geotechnical and more.

Direct Push, Geotech & Rotary Rigs | 7822DT

▶ Winch Mast

- Single and dual winch options available
- 2,500 lbf, 1,800 lbf, and 1,100 lbf winch options available

▶ Two and Four Speed Augerhead Options

- Rock Coring Compatible
- Two Speed Augerhead (4,000 ft-lbf, 150 rpm)
- Four Speed Augerhead (4,000 ft-lbf, 750 rpm)

▶ Geoprobe® GH60 Series Percussion Hammer

- Modular Percussion Power Cell Technology

▶ Automatic Drop Hammer Compatible (SPT)

▶ Drill Mast

- Integrated Drill Mast Oscillation

Rear Blade (Stabilization & Tool Transport)

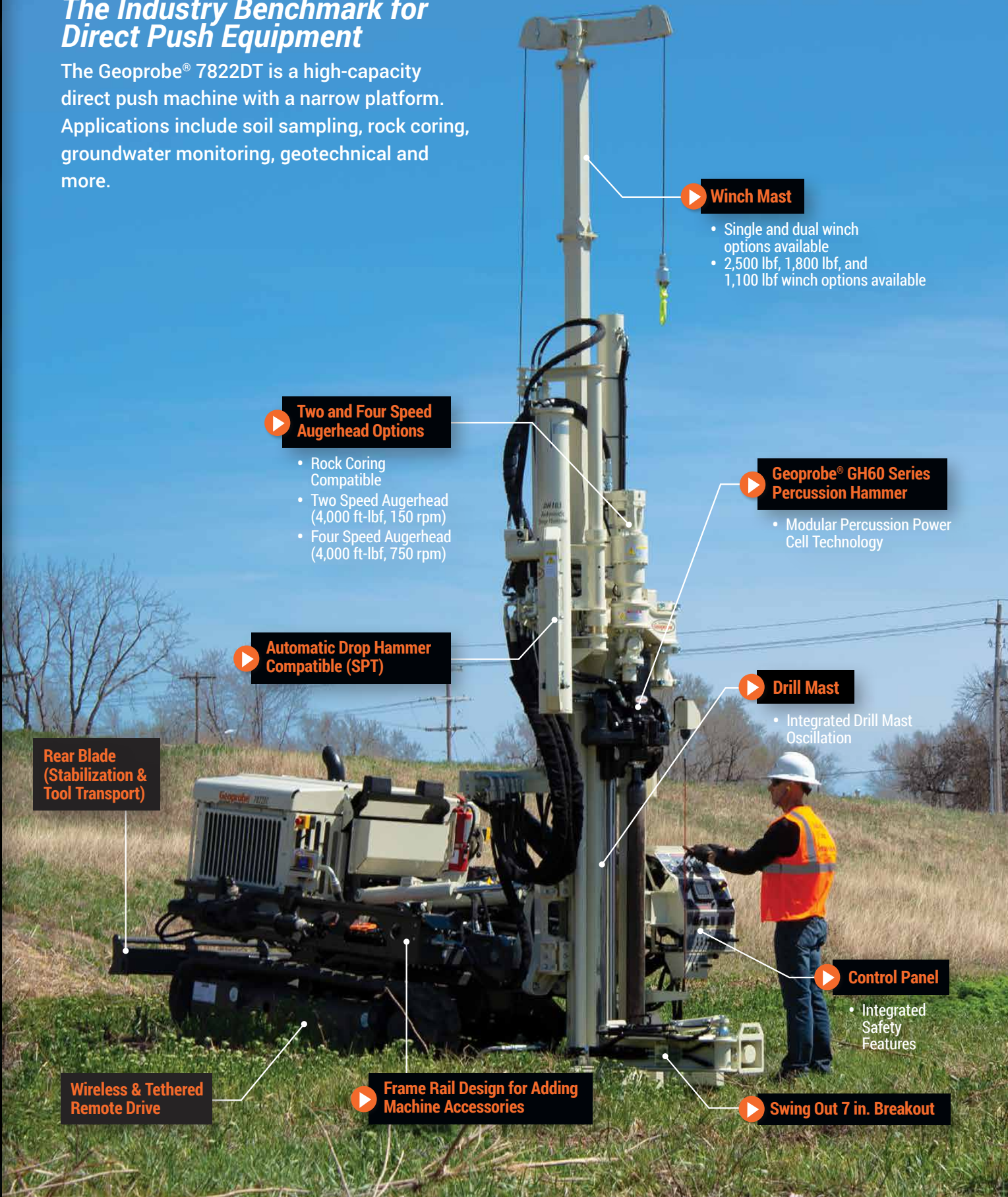
▶ Control Panel

- Integrated Safety Features

Wireless & Tethered Remote Drive

▶ Frame Rail Design for Adding Machine Accessories

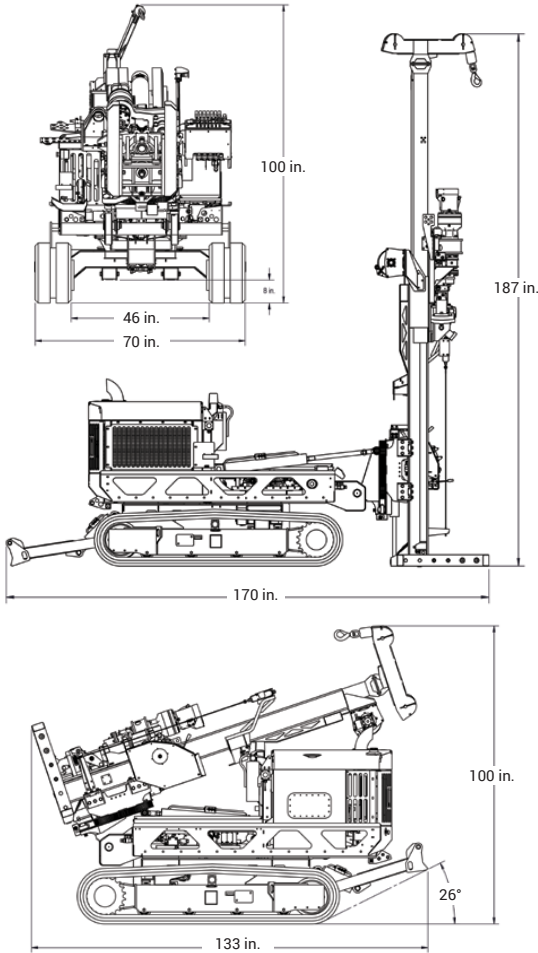
▶ Swing Out 7 in. Breakout





Weight & Dimensions

Base Unit Weight: 8,160 lb. (3,701 kg.)
With Typical Options: 9,560 lb. (4,336 kg.)



View full specifications online at
geoprobe.com/7822dt

Tooling

Typical Geoprobe® Tooling for the 7822DT

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 3.75 in., 3.5 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
- Macro Core® Soil Sampling (MC5, MC7)
- Dual Tube Soil Sampling (DT37, DT35, DT325, DT22)
- Groundwater Sampling (SP22, SP16)
- Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
- HSA System (4.25 in. and 6.25 in.)
- Direct Image® Tooling
- SPT Sampling (Interlocking Split Spoon Sampler, Dual Tube with 1.75 in. or AWJ Center Rods, 3.25 HSA, 4.5 in. Solid Auger, Mud Rotary)

* Center Rod Use Only

Rig shown with optional features. Weights & dimensions subject to change without notice.

7822DT Options

Augerhead

213944	Two Speed Augerhead (4,000 ft-lbf, 150 rpm)
213945	Four Speed Augerhead (4,000 ft-lbf, 750 rpm)

Automatic Drop Hammer

213898	Automatic Drop Hammer, 140 lb.
213899	Automatic Drop Hammer, 65 kg
213900	Drop Hammer Mounting Brackets
216826	Automatic Drop Hammer 340 lb. Expansion Kit
217067	Automatic Drop Hammer 300 lb. Expansion Kit
221820	Automatic Drop Hammer 170 lb. Expansion Kit
228626	Anvil Hanger

Water Swivels

216398	High Speed Water Swivel with Float
210873	Float Sub NWJ Pin Assembly
210874	Float Sub NWL Pin Assembly
213482	Float Sub HWL Pin Assembly
212558	Water Swivel Assembly

Mast / Winch

400091	Dual Winch Kit
222623	Winch Kit: 2,500 lbf
222624	Winch Kit: 1,800 lbf with Quick Change Hook
222625	Winch Kit: 1,100 lbf with Quick Change Hook
217508	Fixed Mast Top
216244	Rotating Mast Top
213364	3 ft. Mast Extension

Rotational Safety Cage

213002	Safety Cage (No Drop Hammer)
212896	Safety Cage

Breakout

400089	7 in. Breakout Kit
217024	Coring Upgrade Kit for 7 in. Breakout
213421	Portable Hydraulic Rod Clamp
224123	Hose Kit for Portable Hydraulic Rod Clamp

Control System

230794	Head Feed Down Control Kit
400090	CPT Valve Kit

Water / Mud Pumps

210603	Moyno® 2L4 Pump Kit - Helper Side
218263	Moyno® 2L4 Pump Kit - Operator Side
209926	Moyno® 3L6 Pump with Table - Helper Side
220556	Moyno® 3L6 Pump with Table - Operator Side
221614	Triplex Pump Kit
219556	SPX40 Pump & Mount Assembly
230215	Control Panel Gauge Mount Kit

Hydraulic Extruder

210107	Extruder Mount with Table
210729	Extruder Mounts (for side rail)
211622	Extruder Mounts (for rod rack)
226597	Extruder Mounts (for rod rack, hard lined)
205501	5 ft. Hydraulic Extruder
204258	4 ft. Hydraulic Extruder
221929	3 in. Shelby Tube Cradle
213465	5 ft. Hydraulic Extruder Kit
224410	5 ft. Hydraulic Extruder Kit, Hard Lined
215781	5 ft. Extruder with Moyno® 2L4 Pump - Operator Side
400019	5 ft. Extruder with Moyno® 2L4 Pump - Helper Side
225106	5 ft. Extruder with Moyno® 3L6 Pump - Operator Side

Rod Racks

212306	Locking Side Rod Rack - Helper Side
224316	Locking Side Rod Rack - Operator Side
209257	Side Mount Rod Rack
221534	Swing Out Rod Rack - Helper Side
211734	Side Rack Mount Blank
207659	Drop Rack System with Rod Rack
207443	Drop Rack System with Utility Rack
212954	53 in. Toolbox

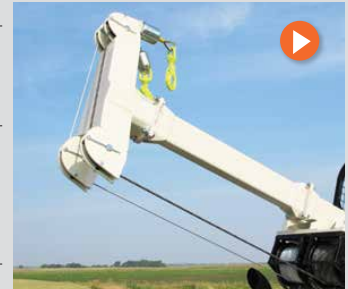
Additional drop rack, toolbox, mud pan, and other options are also available. Call us for more information.



4 Speed Augerhead Attachment (213945)



Automatic Drop Hammer, 140 lb. (213898)



Dual Winch Kit & Extension (400091, 213364)



7 in. Breakout Kit (400089)



5 ft. Hydraulic Extruder (205501)

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