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.
**Weight & Dimensions**

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

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**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
- 213401 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 Extender Mount with Table
- 210729 Extender Mounts (for side rail)
- 211552 Extender Mounts (for rod rack)
- 226597 Extender Mounts (for rod rack, hard lined)
- 205501 5 ft. Hydraulic Extender
- 204258 4 ft. Hydraulic Extender
- 221929 3 in. Shelby Tube Cradle
- 213465 5 ft. Hydraulic Extender Kit
- 224410 5 ft. Hydraulic Extender Kit, Hard Lined
- 213781 5 ft. Extender with Moyno® 2L4 Pump - Operator Side
- 400019 5 ft. Extender with Moyno® 2L4 Pump - Helper Side
- 225106 5 ft. Extender with Moyno® 3L6 Pump - Operator Side
- 225106 5 ft. Extender with Moyno® 3L6 Pump - Operator Side

**Rod Racks**

- 212306 Locking Side Rod Rack - Helper Side
- 224316 Locking Side Rod Rack - Operator Side
- 209927 Side Mount Rod Rack
- 221534 Swing Out Rod Rack - Helper Side
- 211734 Side Rack Mount Blank
- 207569 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.

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**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*

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View full specifications online at geoprobe.com/7822dt