

**GEOPROBE®**  
**6712DT**

**Strong Direct Push Features in a  
 ... Modular, Easy-to-Use Machine**



The three components of the 6712DT are air lifted via helicopter in Alaska and then 15 minutes later, the 'pieces' are ready for work.

## 6712DT MACHINE OPTIONS

### Machine Modules

222719	Side Shifting Drill Mast
212598	Drill Mast
222720	Lightweight Undercarriage
212597	Standard Undercarriage

### Augerhead

213942	GA2500 2-Speed Augerhead
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### Automatic Drop Hammer

213894	DH100 Automatic Drop Hammer, 140 lb.
217074	DH100 Automatic Drop Hammer, Mounting Kit
221820	Automatic Drop Hammer, 170 lb. Expansion Kit
210126	Automatic Drop Hammer, 65 kg Expansion Kit

### Mast / Winch

214078	Hydraulic Winch and Mast
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### Water / Mud Pumps

217391	Moyno® 2L4 Pump & Mount
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### Hydraulic Extruder

222613	60 in. Hydraulic Extruder - Helper Side
217396	Extruder w/ 2L4 Mounting Kit

### Rod Racks

212306	Locking Side Mount Rod Rack
209257	Side Mount Rod Rack
211734	Side Rack Mount Blank
217744	Drop Rack Suitcase Weight

### Toolboxes

220333	48 in. Toolbox
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## Model 6712DT Specifications

Stroke	66 in.	1,676 mm
Weight (w/o Auger Head & Mast & Winch)	5,900 lb.	2,682 kg
Weight (w/ Auger Head & Mast & Winch)	6,480 lb.	2,946 kg
Width	52 in.	1,321 mm
Length (folded)	115 in.	2,921 mm
Height (folded)	83 in.	2,108 mm
Height (unfolded)	153.5 in.	3,899 mm
Foot Travel	30 in.	762 mm
Extension	15.75 in.	400 mm
Down Force	36,800 lb.	164 kN
Retraction Force	49,000 lb.	218 kN
Hydraulic Pressure (system)	2,500/3,400 psi	172/234 bar
Hydraulic Flow Rate (system)	24 gpm	90 Lpm
Hammer System	GH63	
Percussion Rate	32 Hz	
Torque (hammer motor)	560 ft. lb.	759 N·M
Rotation Rate (hammer motor)	240 rpm (bi-directional)	
Fuel Capacity (diesel)	14 gal	53 L
Engine (diesel)	Kubota, 4-cylinder turbo	
Engine Power	44.2 hp	33 Kw
Rear Blade Travel	29 in.	737 mm
Travel Speed	0-2.5 mph	0-4 kph
Surface Load @ 5,900 lb.	4.3lb/in <sup>2</sup>	0.3 kg/cm <sup>2</sup>
Surface Load @ 6,480 lb.	4.7lb/in <sup>2</sup>	0.33 kg/cm <sup>2</sup>
Winch Rating	2,500 lb	1,136 kg
Winch Speed	0-110 fpm	0-33.5 m/min

Augerhead Specifications		
Torque (high torque/low speed)	2,500 ft. lb.	3389 N·m
Torque (low torque/high speed)	1,250 ft. lb.	1694 N·m
Hex adapter	1-5/8 in.	41 mm
Rotation speed (low speed/high torque)	0-70 rpm	
Rotation speed (high speed/low torque)	0-150 rpm	

## Geoprobe® Tooling Run with 6712DT

### 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.
  - Direct Image® Tooling
  - Macro Core® MC5 Soil Sampling
    - DT22 Soil Sampling
  - DT325 / DT35 / DT375 Dual Tube Soil Sampling
    - SP22 Groundwater Sampling
    - SP16 Groundwater Sampling
- 2.0 in., 1.5 in., 1.0 in., 0.75-in. Prepacked Monitoring Well Installations



Driving into a residential garage with a 7-ft. overhead door clearance.

With barely 0.5 in. to spare on each side, the 6712DT goes where no rig has gone before!

# 6712<sup>DT</sup>

## Limited Access

- **Modular Machine Design (3 Sections)**  
**Assembles in 15 min.**

- **Pick Weight Under 2,500 lb per Component**

- **Reliable Geoprobe® GH63 Percussion Hammer**

- **Single Speed Bi-directional Hammer Rotation**

- **Two-Speed Augerhead, 2,500 ft/lb (optional)**

- **Simple Hydraulic Design**

- **Rear Blade Assembly for Tooling Transport and Machine Stabilization**



Set up inside a building with 9.5-ft. overhead clearance prior to drilling a 4-in. diameter SVE well using standard 5-ft. long, 6.25-in. ID HSA.

**Geoprobe Systems®**  
**1-785-825-1842**  
**geoprobe.com**