

### Geoprobe<sup>®</sup> Model 6712DT

- Modular Machine Design - Can be assembled and Disassembled in three parts (weight includes GA2500 & Mast & Winch assembly)
  - Undercarriage 2,000 lb.
  - Unit Platform 2,120 lb.
  - Drill Mast 2,360 lb.
- Heavy Duty Track Drive System
- GH63 Hammer w/ Single Speed Bi-directional Rotation
- Simple Control Panel Design
- Optional GA2500 Two Speed Auger System (See Specs)
- Optional Mast & Winch System
- Rear Blade Assembly for Tooling Transport and machine stabilization
- Better access to key components for serviceability and maintenance



#### Model 6712DT Specifications

Stroke.....	66 in.	1676 mm
Weight (w/o Auger Head & Mast & Winch).....	5,900 lb.	2681.8kg
Weight (w/ Auger Head & Mast & Winch).....	6,480 lb.	2945.5 kg
Width.....	52 in.	1321 mm
Length (folded).....	115 in.	2921 mm
Height (folded).....	84.5 in.	2146 mm
Height (unfolded).....	153.5 in.	3899 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).....	422ft. lb.	572 N-M
Rotation Rate (hammer motor).....		156 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



**Tethered Remote (above)  
GH63 Hammer (Left)  
GA2500 Auger Head (Right)**

\*NOTE: When used with a DH100 Automatic Drop Hammer the 6712DT Requires at least 300 lbs of weight to be added to the rear blade of the machine.



#### 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<sup>®</sup> Tooling Run with model 6712DT:

- Macro Core<sup>®</sup> MC5 Soil Sampling
- DT22 Soil Sampling
- SP22 Groundwater Sampling
- SP16 Ground Water Sampling
- H S A Applications
- Prepack & Standard Monitoring Well Installations

