fast FACTS

Geoprobe®

# Geoprobe® Model 6712DT

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

## Model 6712DT Features. . .

- Modular Machine Design – can be assembled (in 15 min.) 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

THE TOOLS FOR SITE INVESTIGATION

Geoprobe ENVIRONMENTAL TECHNOLOGIES

## Model 6712DT Specifications

| | | |
|---|---|---|
| Stroke | 66 in. | 1.676 mm |
| Weight (w/o Auger Head & Mast & Winch) | 5.900 lbs. | 2.682 Kg |
| Weight (w/ Auger Head & Mast & Winch) | 6.480 lbs. | 2.946 Kg |
| Width | 52 in. | 1.321 mm |
| Length (folded) | 115 in. | 2.921 mm |
| Height (folded) | 91 in. | 2.108 mm |
| Height (unfolded) | 153 in. | 3.899 mm |
| Foot Travel | 30 in. | 762 mm |
| Extension | 16 in. | 400 mm |
| Down Force | 36.800 lbs. | 164 kN |
| Retraction Force | 49.000 lbs. | 218 kN |
| Hydraulic Pressure (system) | 2.500 psi/3.400 psi | 172/234 bar |
| Hydraulic Flow Rate (system). | 24 gpm | 90 Lpm |
| Hammer System | GH63 | |
| Percussion Rate | 32 Hz | |
| Torque (hammer motor) | 422 ft. lbs | 572 Nm |
| Rotation Rate (hammer motor) | 156 rpm (bi-directional) | |
| Fuel Capacity (diesel) | 14 gal. | 53 L |
| Engine (diesel) | Kubota, 4-cylinder turbo | |
| Engine Power | 44 Hp | 33 Kw |
| Rear Blade Travel | 29 in. | 737 mm |
| Surface Load @ 5.900 lb | 4,3lb/in². | 0,3kg/cm² |
| Surface Load @ 6.480 lb | 4,7lb/in². | 0,33kg/cm² |
| Winch Rating | 2.500 lbs. | 1.136 kg |
| Winch Speed | 0-110 fpm | 0-33,5 m/min. |

Augerhead Specifications

| | | |
|---|---|---|
| Torque (high torque/low speed) | 2.500 ft. lbs. | 3.389 Nm |
| Torque (low torque/high speed) | 1.250 ft. lbs. | 1.694 Nm |
| 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 Nm |

Geoprobe® Tooling Run with model 6712 DT:

- Macro Core® MC5 Soil Sampling
- DT22 Soil Sampling
- SP22 Groundwater Sampling
- SP16 Groundwater Sampling
- H S A Applications
- Prepacked & Standard Monitoring Well Installations

We have developed this *Fast*Facts document to allow you the ability to quickly compare the features and capabilities of various probe units/tools offered by Geoprobe®... the direct push innovators. If you are interested in a specific Geoprobe® direct push system, please call us at +32 67 44 25 41 for a formal, specialized quotation which includes all the details required for purchasing your Geoprobe® equipment.

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