



GEOPROBE® MODEL 6620DT

The Geoprobe® 6620DT is a fully hydraulic, rubber track mounted mobile remote controlled drill rig equipped with a very powerful hydraulic hammer with built in rotary spindle for concrete drilling and anchoring, over 20 ton pulling capacity. The compact size and rubber tracks which reduce ground pressure allows this machine to get inside buildings and drive over sensitive landscaped areas with virtually no damage to the ground/floor surface. Also is equipped with an Automatic Drop Hammer (ASTM cert.) for any Geotechnical site investigations (SPT, DCPT, CPT, and Seismic CPT). The Model 6620DT is CE certified and equipped with Auger Guard, a safety pull cable and several e-stops. Powered by a diesel engine and equipped with an exhaust purifier making the machine an operator and environmentally safe site investigation rig.

MODEL 6620DT SPECIFICATIONS

Stroke	66in	1676mm
Weight	6,100lb	2767kg
Width	60in	1524mm
Length (folded)	96in	2438mm
Height (folded)	89in	2260mm
Height (unfolded)	153in	3886mm
Engine (diesel)	Kubota, 4-cylinder turbo	
Ground Speed	0-4.5mph	0-7.2kph
Surface Load	3.7lb/in ²	0.26kg/cm ²
Down Force	36,000lb	160kN
Retraction Force	48,000lb	214kN

GH62 HAMMER SPECIFICATIONS

Torque, forward (high torque/low speed)	450 ft lb	610Nm
Torque, forward (low torque/high speed)	225 ft lb	305Nm
Torque, reverse (high torque/low speed)	600 ft lb	813Nm

DH103 AUTO DROP HAMMER SPECIFICATIONS

- 140 lbs weight, standard 30" stroke
- All moving parts, including the 140lb (64 kg) weight are fully enclosed in a protective steel cabinet
- No cables or ropes needed for operation

AUGER HEAD SPECIFICATIONS

Torque (high torque/low speed)	3,000 ft lb	4067Nm
Torque (low torque/high speed)	1,500 ft lb	2034Nm
Hex adapter	1-5/8 in	41mm

TOOLING OPTIONS:

- Split Spoon Sample System
- DT325 Soil Sampling System
- MC5 Soil Sampling System
- SP16 & SP22 Groundwater
- Sampling Systems
- 5" Solid Stem Augering System
- 4.25" Hollow Stem Augering System
- Basal Till Sampling System

