



# model 540MT *FAST FACTS*

- Easy to maneuver in rough areas
- All movements present on truck-mounted Geoprobe machines, including hydraulic extension in and out from the carrier unit
- Direct slide lateral movement for offset placement of probes
- 54 in. (1372 mm) stroke
- 27,000 lb. (120 kN) pulling capacity, the pulling power you'll need for today's deep probing projects



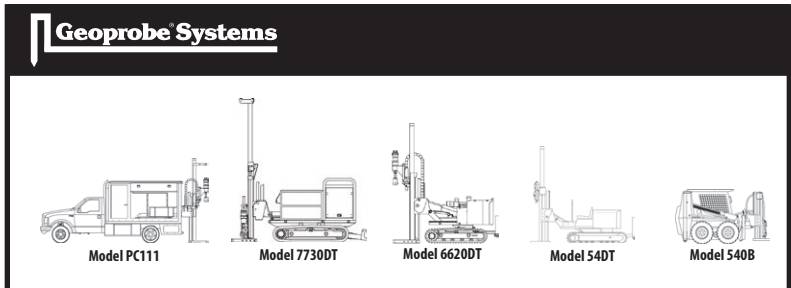
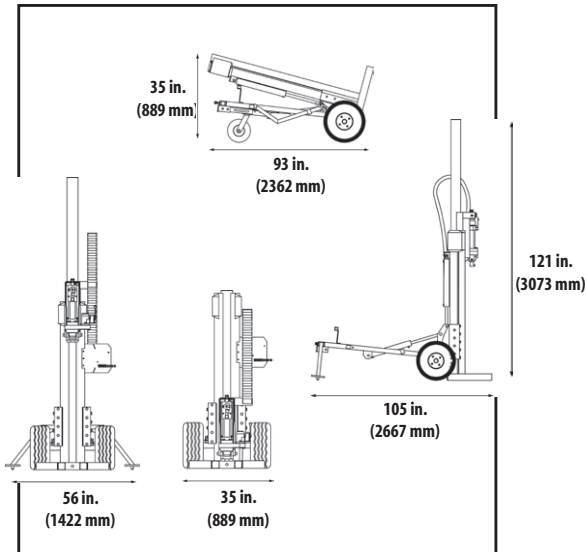
- Angle probing flexibility
- Rod Grip Pull Block ...standard equipment
- Rear stabilization outriggers ...standard equipment
- Versatile mounting capabilities. Does not require full-time dedication to carrier vehicle and can easily be shipped to field locations
- Compatible with most Geoprobe Tooling and Logging Equipment

### Model 540MT Specifications

Stroke.....	54 in.	1372 mm
Weight .....	965 lb.	438 kg
Transport Height (folded).....	35 in.	889 mm
Transport Width .....	35 in.	889 mm
Transport Length (folded).....	93 in.	2362 mm
Working Height (maximum).....	121 in.	3073 mm
Working Width (incl. outriggers).....	56 in.	1422 mm
Working Length (incl. hitch).....	105 in.	2667 mm
Probe Cylinder Diameter .....	4.0 in.	102 mm
Down Force .....	18,000 lb.	80 kN
Retraction Force .....	25,000 lb.	111 kN
Hydraulic Pressure.....	2,000 psi	138 bar
Hydraulic Flow Rate .....	10 gpm	38 L/min
Hammer System.....		GH-42
Percussion Rate.....		30 Hz
Rotation Torque.....	345 ft. lb.	468 Nm
Rotation Rate (bi-directional).....		125 rpm

### PortaCo® Inc. Compact, Hydraulic Power Unit

Hydraulic Flow: 10 gpm (38 Lpm) at 2000 psi (138 bar)  
 Powered by an 18 Hp Briggs & Stratton electric-start engine  
 Engine operates on unleaded gasoline  
 (Diesel available by request)  
 Compact Size: 35 in. long x 29 in. wide x 32 in. high  
 (889 x 737 x 813 mm)  
 Weight: 320 lb. (145 kg)



**FAST FACTS**

We have developed this Fast Facts document to allow you the ability to quickly compare the features and capabilities of various probe machines offered by Geoprobe Systems® ... the direct push innovators. If you are interested in a specific Geoprobe® direct push system, please call us at 1-800-436-7762 for a formal, specialized quotation which includes all the details required for purchasing your Geoprobe® system.

**Geoprobe Systems**

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