

Geoprobe® model 540UD

The model 540UD gives you the complete package right out of the box. This probe machine comes complete with the 5400 probe machine powered by a 22hp liquid cooled Kubota® industrial engine. Mount it in a truck, trailer, or other transport source and it's ready to go to work.

- Geoprobe® GH42 percussion hammer system
- Bidirectional hammer rotation for concrete drilling
- Emergency kill switch for operator safety
- Rod Grip "V" block ready
- Hydraulic Lateral movement of probe machine
- Built-in Tool Transport Rack
- Detachable Legs assist with loading & unloading
- Pushes Geoprobe® 48" tooling options up to 2.25"

Model 540UD Specifications

Stroke.....	54 in.....	1372 mm
Weight	2,200 lb.....	999 Kg
Width.....	47 in.....	1194 mm
Length (folded).....	91 in.....	2311 mm
Height (folded).....	40 in.....	1016 mm
Height (unfolded).....	123 in.....	3124 mm
Lateral Movement (side-to-side).....	33 in.....	838 mm
Foot Travel.....	39 in.....	991 mm
Extension.....	24 in.....	610 mm
Probe Cylinder Diameter.....	4.0 in.....	102 mm
Down Force.....	20,000 lb.....	89 kN
Retraction Force.....	27,000 lb.....	120 kN
Hydraulic Pressure (max.).....	2,200 psi.....	152 bar
Hydraulic Flow Rate.....	10 gpm.....	38 L/min
Hammer System.....		GH42
Percussion Rate.....		30 Hz
Torque.....	620 ft. lb.....	841 N-M
Rotation Rate (bi-directional).....		80 rpm
Electrical System.....		12V DC
Fuel Capacity (diesel).....	10 gal.....	38 liter
Engine Power.....	22 hp.....	16 kw
Engine (diesel).....		Kubota®, 3-cylinder
Cooling System.....		Liquid



The 540UD fits in a standard 8 foot pick up bed (Above)



The Geoprobe® GH42 percussion hammer system (Right)

