

GEOPROBE®

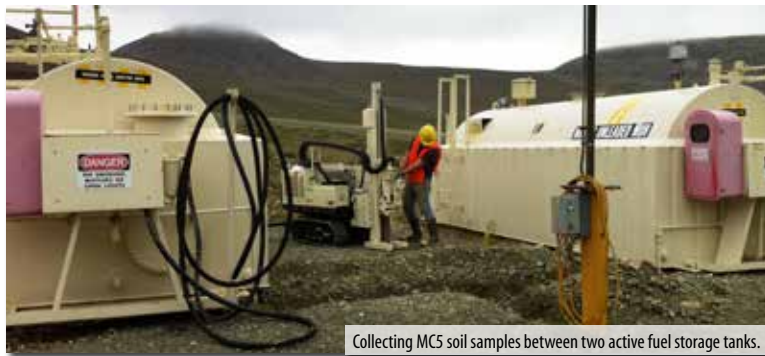
54LT ...

**Limited Access Machine that fits
through Standard 36-in. Doorways**

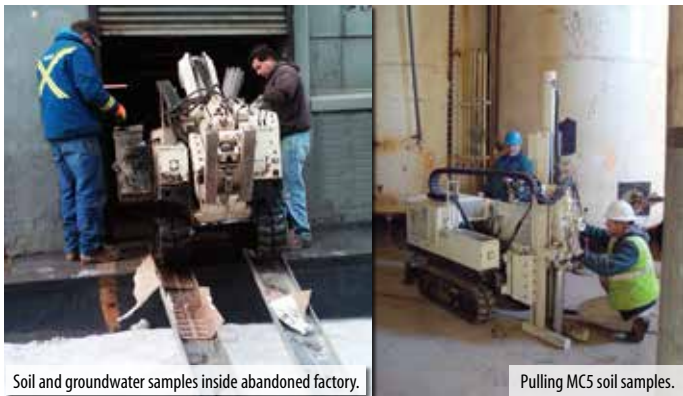


Model 54LT Specifications

Stroke	54 in.	1372 mm
Weight	2,715 lb.	1232 kg
Width	34.5 in.	876 mm
Length (folded)	87 in.	2210 mm
Height (folded)	64 in.	1626 mm
Height (unfolded)	123 in.	3124 mm
Lateral Movement (side-to-side)	9 in.	229 mm
Foot Travel	14 in.	356 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. lbs.	841 N·M
Rotation Rate (bi-directional)	80 rpm	
Fuel Capacity (diesel)	8 gal	30 liter
Engine Power	22 hp	16 kw
Engine (diesel)	Kubota, 3-cylinder	
Cooling System	Liquid	
Outrigger Travel	12 in.	305 mm



Collecting MCS soil samples between two active fuel storage tanks.



Soil and groundwater samples inside abandoned factory.

Pulling MCS soil samples.

Geoprobe® Tooling Run with 54LT

- 48-in. Direct Push Tooling
- Probe Rod Sizes: 2.25 in., 1.5 in., 1.25 in.
 - Macro Core® MC5 Soil Sampling
 - LB Soil Sampling
 - DT22 Soil Sampling
 - SP22 Groundwater Sampling
 - SP16 Groundwater Sampling
- 0.75-in. Prepacked Monitoring Well Installations

54^{LT}

Limited Access

- Hydraulic Lateral Swing for Offset Probe Placement
- Two-Speed Pull Cylinder
- Robust Geoprobe® GH42 Hammer System
- Integrated V-Block Design for Rod Grip Use
- Fits Through Standard 36-in. Doorways
- Bi-directional Hammer Rotation
- Tethered Remote System
- Optional Low Clearance Cylinder (under 8 ft)
- Auxiliary Hydraulic Ports for Remote Equipment
- Rear Stabilizer Blade



Geoprobe Systems®
1-785-825-1842
geoprobe.com