



LIMITED ACCESS: GEOPROBE® MODEL 420M

Strata Drilling Group uses Geoprobe® direct push technology to access small, as well as large testing areas. The Geoprobe® Model 420M is a compact probing unit designed for tight spaces. This powerful little machine is designed specifically to be durable yet as lightweight as possible. At 19" wide and 62" tall (folded) and weighing less than 425 lb, the 420M can be manually lifted and carried to remote sampling locations. It can also be deployed to hard-to-reach and narrow sampling locations both indoors and out. The 420M is powered by a remote hydraulic power source.

PROBE FEATURES

- Equipped with reliable GH42 Soil Probing Hammer
- Performs same operations as larger probes including concrete drilling, soil and groundwater sampling and conductivity
- Maximum weight under 425 lb (193 kg)
- Maximum width is 19" (483mm)
- Minimum operating height is 6' (1800mm)
- Maximum operating height is 7.5' (2280mm)
- Power/strength cuts operating time in half from conventional hand held drilling methods
- Easily attaches to remote power unit by hydraulic lines up to 150' away (46m)
- Removable outriggers enhance stability while probing

MODEL 420M SPECIFICATIONS

Stroke	42in	1067mm
Weight	411lb	187kg
Width	23in	584mm
Length (folded)	28in	711mm
Height (folded)	62in	1575mm
Height (unfolded)	94in	2388mm
Down Force	11,700lb	52.1kN
Retraction Force	14,000lb	62.3kN
Percussion Rate		30Hz

ROCK CORING SPECIFICATIONS

BQ Rock Coring Capability

TOOLING OPTIONS:

- MC5 Soil Sampling System
- DT22 Soil Sampling System
- Basal Till Chip Samplers
- SP16 Groundwater Sampling System
- LB Discrete Sampling System

