



The Geomil Equipment Fox-100 stand-alone CPT system is a versatile unit designed to be used in a wide range of applications. Detachable mounting supports allow the system to be placed on any base.

Main characteristics of the Fox-100:

- maximum 100 kN thrust capacity
- maximum 140 kN pulling capacity
- two vertical hydraulic cylinders, stroke 1 175 mm
- solid bridge connecting the cylinders, suitable for mechanical push/pull clamp
- hydraulic control unit, mounted on a console next to the cylinders
- 15-25 mm/s calibrated speed for CPT testing
- two loose anchoring beams with attachments for 2 screw anchors each
- dimensions: 1 170 x 750 x 650 mm (H x W x D)
- weight(operational): 300 kg

The Fox-100 provides a trolley set for easy manoeuvring by hand. The Fox-100 can be fixed to the ground by means of two (or more) anchor beams and soil anchors.

The Fox-100 is hydraulically powered by a separate power pack, driven by a petrol, diesel, or electrical engine.

Main characteristics of the 100kN power pack:
Petrol

- air cooled 1-cylinder Honda engine 8.0 kW
- battery 12 Vdc and electrical starter
- hydraulic oil tank of 65 liters
- dimensions: 1 505 x 820 x 875 mm (L x W x H)
- weight (w/o fuel): 185 kg

Diesel

- air cooled 1-cylinder HATZ 4-stroke engine 8.7 kW
- battery 12 Vdc and electrical starter
- hydraulic oil tank of 65 liters
- dimensions: 1 505 x 820 x 875 mm (L x W x H)
- weight (w/o fuel): 190 kg

Electrical

- electric motor 380-440 VAC-3 ph, 7.5 kW
- hydraulic oil tank of 65 liters
- dimensions: 1 505 x 820 x 875 mm (L x W x H)
- weight (w/o fuel): 170 kg

Push frame and power-pack are connected by a set of flexible hydraulic hoses with flat-face quick-couplings.

For more technical information or a quotation based on your specific requirements please contact sales@geomil.com or call us at +31 172 427 800.

