Mudskipper-100

Remote CPT unit with coiler frame for very soft soils

Geomil equipment

World's first manufacturer of CPT equipment



Named after the *Periophthalmus barbarus*, the fish famed for moving where no other can, the Geomil Equipment Mudskipper-100 is a remote controlled CPT unit with coiler system, built for very soft surfaces.

With a push capacity of 100 kN, it is aimed primarily at the mining industry, including CPT testing in mine tailings, where conventional rigs simply cannot travel, or where manned operations are banned.

The unit is built around two helix-shaped drive units, powered by four hydraulic motors and mounted on a robust steel frame. This propulsion system lets the Mudskipper-100 traverse challenging terrain and manoeuvre through a full 360 degrees, while four lifting pads make handling and positioning straight-forward. The machine has an operating mass of 10 t and overall dimensions of 6.0 × 2.5 × 4.6 m (L × W × H).

The hydraulically powered coiled tubing system is available with a 30 or 60 m long coil, providing capacity for up to 60 test cycles. The tube diameter is 32 mm which allows pushing standard 10 and 15 cm² cones. Geomil's ultra-sensitive 15 cm² cone can also utilized.



On-deck controls and a sunshield come standard, supported by four cameras and a GPS unit. For work at a safe distance, remote control is available, with an operating range of up to 1 km. An operator cabin is also available as an optional configuration.

Geomil offers a full portfolio of CPT equipment. For more information on the Mudskipper-100 and the rest of the product range, please visit www.geomil.com.