

Manta-200

Seabed CPT system

Geomil
equipment

*World's first manufacturer
of CPT equipment*



The Manta-200 is Geomil Equipment's most capable Cone Penetration Testing (CPT) system for seabed operations. Since its introduction in 2013 it has successfully completed challenging projects around the world and its performance is unsurpassed.

Available in various configurations, the Manta-200 is suitable for almost any project.

The Manta-200 is built around our in-house developed Continuous Drive System (CDS) that was designed with a clear focus on durability and high production. It also guarantees uninterrupted penetration of the cone.

Constant tension (CT) winches are available to support deployment at the various working depths.

Main characteristics of the Manta-200:

- Power and communication via umbilical.
- Modular system weight 5 - 28 tons.
- Thrust capacity 0 - 200 kN, optionally 250 kN.
- Variable penetration rate 0 - 80 mm/s.
- Variable retraction speed 0 - 80 mm/s.
- Real-time CPT data at surface.
- Capable of driving 55 mm casing tubes.

A standard Manta-200 package consists of the following items:

- Base frame with CDS drive.
- Fully integrated submersible power pack with PTO function.
- Standard skirt.
- Hoisting frame (32 mm hoisting wire).
- Control and data acquisition unit.

The Manta-200 measures 2,200 x 2,200 x 2,300 mm (L x W x H) when being transported. The basic setup is transportable in 20 ft sea containers.

Optional supporting items:

- Main hoisting winch.
- Rod winch (CT).
- Umbilical winch (CT).
- Skirts in various designs.
- Hoisting frames in various designs.
- Several flexible ballasting options.
- Push force measurement.
- Leveling frame XY-20.
- Seismic CPT.

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.



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