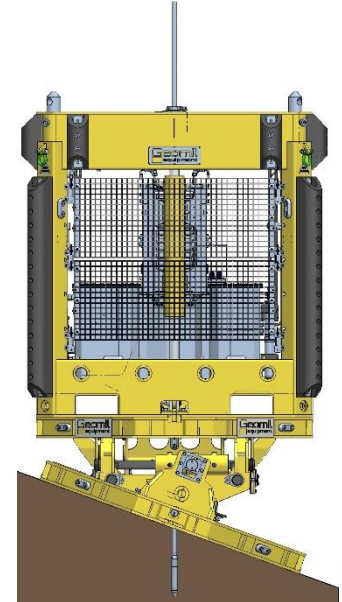


Leveling Frame XY-20

Seabed CPT system add-on

*World's first manufacturer
of CPT equipment*



The Leveling Frame XY-20 is Geomil Equipment's latest development in add-on modules for the seabed series Cone Penetration Testing (CPT) systems Manta-50, Manta-100 and Manta-200.

Seabed surveys are often taking place in unpredictable conditions. In situations where the seabed proves to be uneven the Leveling Frame XY-20 can be utilized to handle slopes of up to 20 degrees. The control system can correct fully automatically, in X and Y direction.

The interchangeable frame is very easy to install and dismount. The frame is positioned between the Manta base frame and the skirt. In general, all types of Geomil skirts will fit (minor modifications may apply).

Main characteristics of the Leveling Frame XY-20:

- Handles slopes up to 20 degrees.
- Levels fully automatically.
- Manual control (remotely) possible.
- Automatic locking during CPT testing.
- Can be retrofitted to all Manta types.
- Can be combined with all Geomil skirt types.
- Capability of installing casing remains (Manta-200).
- No loss of reaction force.
- Powered through the integrated PTO of the Manta system.

The standard Leveling Frame XY-20 package consists of the following items:

- Base frame.
- Remote control system for manual operation.
- Inclination control unit.
- Hydraulic interface with Manta.
- Electrical interface with Manta.

The system is easy to handle and measures approx. 2,000 x 2,000 x 800 mm (L x W x H) when being transported.

The dry weight is approx. 2,500 kg.

Supporting items for the Manta series:

- Main hoisting winch.
- Rod winch (constant tension).
- Umbilical winch (constant tension).
- Skirts in various designs.
- Hoisting frames in various designs.
- Several flexible weight options.
- Push force measurement.
- 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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