

# Cobra-200

Containerized CPT system

**Geomil**  
equipment

*World's first manufacturer  
of CPT equipment*



The Cobra-200 is Geomil Equipment's most flexible Cone Penetration Testing (CPT) system. It is suitable to be used in a variety of conditions, both onshore and offshore.

The Cobra-200 is an extremely versatile and self-contained CPT system incorporated in a standard 10 ft container. As such, it is the optimal solution for platform, jack-up or barge operated projects or whenever the unit can be firmly mounted onto a stable base.

Due to the containerization, it can be easily transported through normal container cargo. In addition, it can be safely stored while not in use.

The standard container is reinforced to accommodate the 200 kN CPT installation. The container has strong corner castings with easy twist locks in the bottom and at the rooftop.

The Fox-200 push frame with integrated hydraulic catching clamp is positioned inside the container just as, while not in use, the hydraulic power pack. When in use, the power pack is attached to the rear outside of the container, minimizing noise and exhaust fumes.

The base frame can also be used separate from the container, making the system even more flexible.

Main characteristics of the Cobra-200:

- integrated in 10 ft container, dimensions: 2 990 x 2 450 x 2 590 mm (L x W x H)
- weight: approx. 4000 kg
- strong corner castings for easy twist lock lashing
- fully detachable, built-in base frame
- forklift pick-up points in the container frame
- roof hatch with translucent PMMA top
- maximum 200 kN thrust capacity
- maximum 260 kN pulling capacity
- Integrated tube rack for 72 CPT tubes
- hydraulic power pack can be attached to the outside of container

Main characteristics of the hydraulic power pack:

- driven by Hatz Silentpack 1-cylinder diesel engine of 9.5 kW at 2800 RPM
- hydraulic tank with return line filter & inspection/temperature glass
- axial piston pump with power regulator
- electrically started
- fuel tank of 21 liters
- dimensions: 1 450 x 800 x 920 mm (L x W x H)
- weight (w/o fuel): 600 kg

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



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[www.geomil.com](http://www.geomil.com)