

SEABED CPT SYSTEM

Gregg Drilling has developed a full scale deep water Seabed Cone Penetration Testing (CPT) system. Utilizing a patented hydrostatically compensated cone, Gregg's Seabed CPT is capable of working in water depths of up to 3,000 meters with a high level of accuracy. The underwater system incorporates Schilling Telemetry and high-quality robotic components to ensure efficient operation and exact placement.

With a submerged weight of only 5 tons, Gregg's custom designed Seabed CPT can achieve a reaction force of up to 20 tons. This allows the unit to stay lightweight and portable, yet achieve the same capabilities of other large frame submersible systems.

The Seabed CPT pushes the standard 10 and 15 cm² cones as well as T-bar tests. The system can also push a thin-walled piston sampler to obtain high-quality undisturbed samples in the upper 6 meters of sediments. For deeper sampling, Gregg offers jumbo piston core samplers up to 20 meters in length.



20 ton push capacity Seabed CPT unit

SPECIFICATIONS

Operating System: Handled via umbilical and LARS

Power/Hydraulics: Sub-sea

Measured Parameters: Depth, tip resistance, friction sleeve stress

Cone Size: 10 and 15 cm² (hydrostatically compensated)

Weight of Seabed Frame: Approximately 5 tons

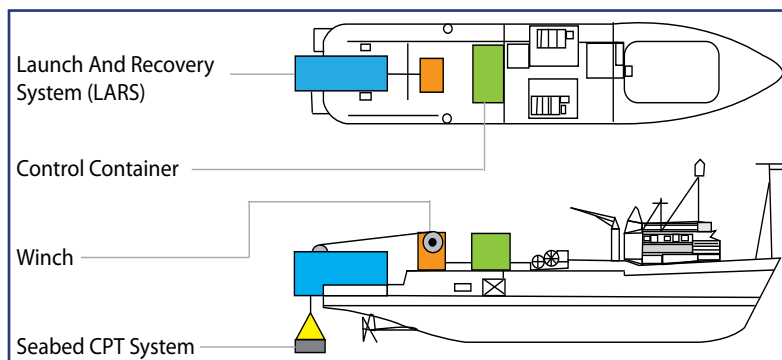
Thrust Capacity: 20 tons

Depth Capability: 50 meters

Water Depth Range: Up to 3000 meters



Operator inside containerized control unit.



Minimum vessel requirements:

- DP1 station holding capacity
- 21 meters x 9 meters (70' x 30') clear deck space



Launch and recovery system (LARS).



QUALITY • SAFETY • VALUE

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