

SEAFLOOR DRILLING SYSTEM

CAPABILITIES

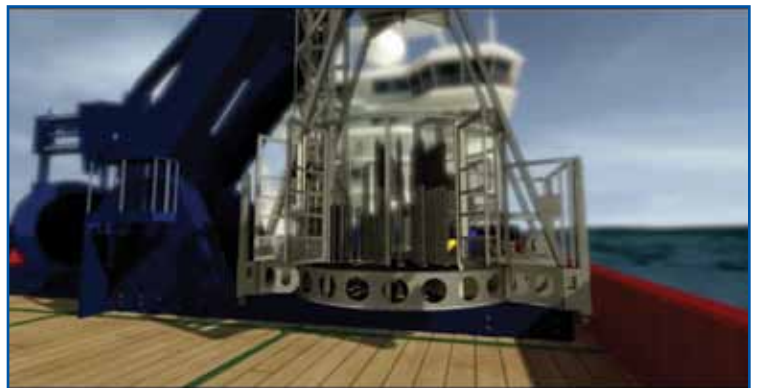
- Designed by geotechnical engineers to obtain high quality geotechnical samples.
- Operates in water depths up to 3000 meters.
- Controlled robotically from the surface.
- Drilling methods include wire-line rotary and push sampling.
- Cone Penetration Testing (CPT) and seismic CPT capabilities with Gregg's patented hydrostatically compensated cone system.
- Numerous interchangeable foundation options available depending on seabed conditions.
- Operates via vessels of opportunity for reduced cost and mobilization time.
- Complete system can be shipped in four containers, including control container.

SPECIFICATIONS

- Dimensions:
 - Length = 5.4 m [17'-8.6"]
 - Width = 3.8 m [12'-5.6"]
 - Height = 6.6 m [21'-7.8"]
- Weight in air = 10,000 Kg [22,000 lbs.]
- Coring/sampling depth = 150 meters below seabed.
- Compatible with 5, 10 and 15cm² digital CPT.
- Compatible with HWT or PQ sized tooling.
- Schilling telemetry and robotics systems.
- The electrical system utilizes a standard work-class ROV architecture, components and controls supplied by Schilling Robotics.
- Armored umbilical will terminate into pivoting lift point outfitted with an acoustical break away system for emergency release of drill rig.
- All frame materials are of standard commercial quality suitable for intermittent submersion in saltwater.



Launch and recovery system (LARS)



Seafloor drill rig with side panels open to retrieve core samples



Seafloor drill unit



QUALITY • SAFETY • VALUE

Web Site: www.greggdrilling.com

Email: info@greggdrilling.com