



FUGRO C25 MARINE DRILL

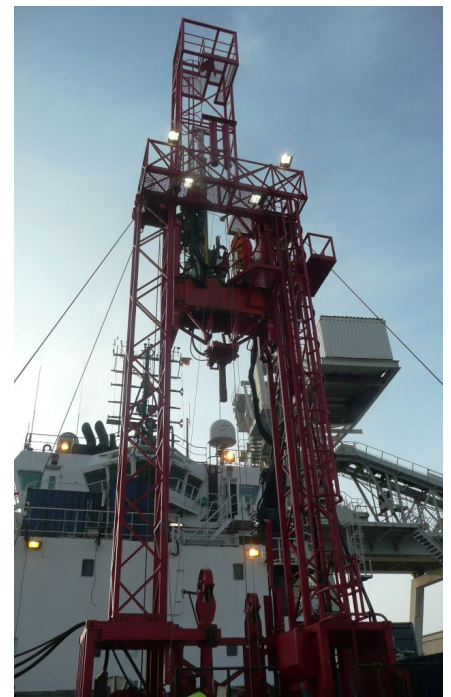
The C25 is a modular drill, capable of conducting geotechnical operations in water depths up to 450 m.

Designed around the concept of installing geotechnical drilling capability onto suitable vessels of opportunity, the C25 can be fully containerised and shipped anywhere in the world. Due to its compact size, it is ideally suited to installation on platforms, barges and small vessels, thereby providing a cost-effective bespoke solution to meet our clients' needs.

The C25 is compatible with a wide range of specialist downhole testing and sampling equipment, from WISON® CPT and push sampling tools or wireline coring spreads (including piggybacking) to downhole geotechnical testing and geophysical logging tools (including HPD, LWD and wireline logging).

The C25 is therefore suitable for use in a variety of applications including acquiring core samples for scientific research or testing and sampling soft soils for geotechnical engineering. The C25 can be mobilized and installed quickly onto any suitable vessel or barge, either anchored or DP. It is suitable for drilling through a moonpool or, on a large enough vessel mounted on a cantilevered frame and has successfully completed projects in both scenarios.

In recent years, the C25 has proven itself on numerous projects worldwide for major oil and gas clients.



C25 installed on the DBA in Azerbaijan.

C25 MARINE DRILL

Technical Specifications

Derrick/Hoist system

| | |
|---------------------------|--|
| Height: | 21 m (28 m including WISON© CPT mast) |
| Rooster box travel: | Up to 12 m |
| Load capacity: | 25 t on hoist wires (17 t below rooster box) |
| Max. drill string length: | 450 m |

Heave Compensator

| | |
|-----------------|--|
| Type: | Dead end air ram with annular lubricator |
| Travel: | 3.5 m |
| Load capacity : | 20 t |

Power Swivel

| | |
|--------------------------|--|
| Type: | Dando 1000 hydraulic top drive 0-120 rpm |
| Rotational speed torque: | 0-65 rpm |
| Torque: | 12.2 kNm |

Mud System

| | |
|-------------------|--|
| Type: | Seawater mixed drilling fluid from 25kg sacks. Re-circulating colloidal mixer |
| Storage capacity: | 2 no 5m³ holding tanks |
| Pumping capacity: | 450 l/min @ 70 bar |

Typical Vessel Requirements

| | |
|----------------------|--------------------------------------|
| Deck space: | 525 m² (approximately 35 m x 15 m) |
| Deck strength: | 5 t/m² |
| Moonpool dimensions: | 3.5 m x 3.5 m *size dependant on SBF |

Pipe Handling System

Semi automated pipe handling system using headline and tail line winches to position pipe
 Make up and break out pipe using HT-35 manual tongs
 Configured for Range 1 drill pipe

Geotechnical Sampling and Testing Systems

Fugro WISON© testing and sampling system
 Wireline coring system
 Rapid conversion to HQ Piggyback Coring system
 Can be reconfigured for compatibility with third party geotechnical equipment

