

SCARABEO 9

OFFSHORE DRILLING



SCARABEO 9

6TH GENERATION SEMISUBMERSIBLE DRILLING RIG

HIGH EFFICIENCY

DUAL RAMRIG SYSTEM

PERFORMANCE

ENHANCED DOWNTIME OPTIMIZATION

WIDE POWER AVAILABILITY FOR SEAKEEPING

COMPLETION

FULLY READY TO FIT COMPLETION EQUIPMENT

TECHNICAL SPECIFICATIONS*

CLASSIFICATION

- 1A1 Column Stabilized Drilling Unit, DRILL, ECO, DYNPOS-AUTRO, POSMOOR, CRANE, HELDK F-AM

UNIT DESIGN

- Frigstad D90

DYNAMIC POSITIONING

- Dynpos Autro, DP class 3, Convert Team A series

MOORING SYSTEM

- Four double drum winches with eight fairleads for connection to pre-set system

VARIABLE DECK LOAD

- max. operational: 6,127 mt
- max. transit: 3,907 mt
- max. survival: 4,803 mt

POWER PLANT AND MARINE

- Eight diesel engines Wartsila, each with 5,400 kW capacity, coupled with 11kV AC alternators. Total installed power 43.2 MW, eight azimuth thrusters Wartsila, driven by 4,300 kW electric motor

DERRICK

- Hydraulic dual ram rig, Aker Maritime, 118 ft clear height.
- Both main rig and auxiliary rig have 2,000,000 Lbs static hook load and full drilling capabilities
- Active heave compensator integrated in the ram rig system

ROTARY TABLE

- Two Wirth RTSS 60 1 /2" hydraulic.
- Rated capacity 2,000,000 Lbs

TOP DRIVE

- Two Aker Maritime DDM-1000-HY-R-R
- Rated load capacity 1,000 st.
- Max torque 75,000 Nm 7,500 psi WP
- Max speed 258 rpm

MUD PUMPS

- Four Baoji oilfield machinery model F2200HL input power 2,200 HP each, fluid end 7,500 psi WP

MUD TREATMENT

- Five Axion AX-1 high efficiency shale shakers, Two MI-Swaco desilter 10 cones x 4", (1,000 GPM each) Mi Swaco CD-1400 degasser Water Jet type mud gas separator (poor-boy), with 12" vent line to top of derrick Two MiSwaco Decanting Centrifuges

BOP STACK

- Two 18.3/4" x 10,000 psi Shaffer annular preventers
- One 18.3/4" x 15,000 psi Shaffer double ram preventer w/ casing shear ram and blind shear ram installed
- One 18.3/4" x 15,000 psi Shaffer triple ram preventer
- BOP fully compliant to API s53

DIVERTER

- Vetco Gray CS, 21" 1,500 psi WP

RISERS

- Aker Maritime Hydraulics AKS 21, 21" x 50 ft

HELICOPTER DECK CAPACITY

- Designed for M18 and EH 101

CREW FACILITIES

- Air conditioned living quarters for 200 persons

* These specifications are intended for general reference purposes and may vary according to the contract situation and customer needs.

The Scarabeo 9 is a last generation semisubmersible unit equipped with a dual ram rig and a Dynamic Positioning (DP3) system. The Mobile Offshore Drilling Unit (MODU) is an ultra-deepwater drilling unit, designed to operate in water depth up to 12,000 ft, and with a drilling depth capacity up to 50,000 ft below the rotary table.

DID YOU KNOW?

THE RAM GUIDE HAS BEEN PERMANENTLY MODIFIED BY INSERTING, AT SPLIT LINE, FLANGED CONNECTIONS THAT WILL ALLOW AN EASY REMOVAL FOR PASSING THE BOSPHORUS?