



# SCARABEO 8 OFFSHORE DRILLING

SEMISUBMERSIBLE DRILLING RIG



# SCARABEO 8

## 6<sup>TH</sup> GENERATION SEMISUBMERSIBLE DRILLING RIG

### COMPLETION

ABLE TO MANAGE UP TO SIX 80 T X-MAS TREE SIMULTANEOUSLY

### REDUCED WELL HEAD FATIGUE

OPTIMIZED TO REDUCE WELL HEAD FATIGUE

### PERFORMANCE

RECORDS EXECUTING DRILLING, COMPLETION, XMT INSTALLATION

### TECHNICAL SPECIFICATIONS\*

#### CLASSIFICATION

DNV\* 1A1 WINTERIZED BASIC Column stabilized drilling unit (N) HELDK, CRANE, EO DYNPOS - AUTRO POSMOOR - ATA DRILL (N)

#### WATER DEPTH CAPABILITY

Moored, thruster assisted: 70-600 m  
Dynamic Positioned: (250 - 3,000 m)

#### DRILLING DEPTH CAPABILITY

Up to 35,000 ft (10,660 m)

#### VARIABLE DECK LOAD CAPACITY

Drilling: 5,100 mt (moored/ATA)  
5,350 mt (DP)

#### POWER SYSTEM GENERATORS

8 x Caterpillar 5,060 kW each, coupled with a Kato AC generator 6,050 kVA each

#### THRUSTER

8 x Wartsila each driven by 3,300 kW electric motor

#### DERRICK

Height 170 ft, base 85 x 40 ft, Hook load, 2,000,000 lbs on MAIN rig, and 1,000,000 on AUX rig

#### MOTION COMPENSATOR ON DERRICK

CMC on MAIN rig with AHC  
The AUX rig is compensated by drawworks

#### TOP DRIVE

MAIN rig: NOV (Hydralift) HPS-03 1000 2AC KT RD  
AUX rig NOV (Hydralift) HPS-04 500 AC KT FD

#### ROTARY TABLE

MAIN rig NOV RST 605-2G, maximum opening 60.1/2"

#### MUD PUMPS

4 x NOV (National) 14-P-220 triplex pump rated input power 2,200 HP each Fluid end 7,500 psi WP

#### MUD TREATMENT

4 x DERRICK high efficiency shale shakers, desilter and desander installed on first shale shaker

#### BOP

Cameron 18.3/4" 15,000 psi, two (2) annular and five (5) ram cavity Compliant with API s53

#### RISERS

Cameron, 21" OD x 75 ft

#### CRANES

2 x Deck Crane  
1 x Knuckle Boom Crane

#### CREW FACILITIES

Air conditioned living quarters for 140 people

#### HELIDECK

Suitable for S-61N and S92 helicopter type

#### REMARKS

Drilling unit suitable for Harsh Environment Air: min. - 20°C, max. + 45°C Water: min. 0°C, max. + 32°C

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

Scarabeo 8 is a last generation semisubmersible drilling rig. It represents the state of the art of harsh environment and unmanned operation drilling units. The rig complies with Norwegian regulations and standards. It holds the DNV WINTERIZATION BASIC class notation and can operate in the Barents Sea all year around. Scarabeo 8 is classified to operate with dynamic positioning DP3 systems or moored thrusters assisted. The rig is designed to be "zero pollution" and "zero discharge".

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**DO YOU KNOW...**

**THAT SCARABEO 8 IS THE ONLY RIG THAT HAS BEEN OPERATING THROUGH THE 2012 - 2017 WINTER SEASONS IN THE BARENTS SEA?**

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