



# SAIPEM 10000

OFFSHORE DRILLING





# SAIPEM 10000

## 5<sup>TH</sup> GENERATION ULTRA DEEPWATER DRILLSHIP

### RELIABILITY

EQUIPPED WITH EWT (EXTENDED WELL TESTING) AND FIRST PRODUCTION FACILITY

### EFFICIENCY

DESIGNED FOR DUAL ACTIVITIES

### WELL COMPLETION

CAPABLE TO RUN ANY TYPE OF COMPLETION

### TECHNICAL SPECIFICATIONS

#### CLASSIFICATION

- A1, Drilling unit, (E), AMS, CDS, ACCU, DPS-3, OMBO, DLA, FPSO

#### WATER DEPTH

- Up to 10,000 ft (3,048 m)

#### DRILLING DEPTH

- 30,000 ft (9,144 m)

#### STATION KEEPING

- DP class 3

#### MAIN DIMENSIONS

- Length overall: 228 m
- Breadth, moulded: 42 m
- Depth, moulded: 19 m
- Operating draft: 12 m
- Displacement: 97,500 t

#### CAPACITY

- Variable deck load: 20,000 st

#### POWER SYSTEM GENERATORS

- Six (6) Wartsila 18V32LNE, 7,000 kW each approximate total power generation of 42,000 kW

#### THRUSTER

- Six (6) azimuthal thrusters, 4,000 kW each

#### DERRICK

- Dual Type
- Height 200 ft
- Static hook load 2,000,000 lbs each rig
- Simultaneous capacity 2,000 kips + 1,000 kips

#### MOTION COMPENSATOR ON DERRICK

- Each rig is equipped with CROWN motion compensator and Active Heave compensator

#### DRAWWORK

- Two (2) Wirth GH 4500 EG, 4,200 HP each

#### TOP DRIVE

- Two (2) Hydralift HPS 750 2E rated capacity 750 st
- Maximum continuous torque 65,450 lbs.ft

#### ROTARY TABLE

- Two (2) Wirth RTSS 60.1/2", opening 60.1/2", rated capacity 1,000 st

#### MUD PUMPS

- Four (4) Wirth TPK 7.1/2 x 14 2,200 HP each
- Fluid end working pressure 7,500 psi

#### MUD TANKS

- Total capacity above 12,300 bbls BOP
- 18.3/4" - 15,000 psi
- Two (2) annular preventers
- Five (5) ram cavities
- Drill Pipe and Casing (up to 13.3/8") shearing capability

#### DIVERTER

- 20" - 500 psi

#### RISERS

- 21" OD, 90 ft length

#### CRANES

- Four (4) Hydralift knuckle boom cranes, rated capacity 85 st

#### CREW FACILITIES

- Air conditioned living quarters for 172 people

#### HELIDECK

- Suitable for Chinook

The ultra deepwater drillship Saipem 10000 is capable of worldwide, year-round operations in exploration, appraisal, development drilling as well as completion activities.

## DID YOU KNOW?

SAIPEM 10000 STARTED THE "10000 DESIGN" IN THE DRILLSHIP MARKET?