



SAIPEM 10000

OFFSHORE DRILLING



SAIPEM

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5TH 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

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

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?

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