
OFFSHORE JACK-UP DRILLING RIG

Specifications Sheet



300ft Water Depth | 20,000ft Drilling Depth | ABS A1, MODU

FOR BROKERAGE / COMMERCIAL USE — CONFIDENTIAL

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GENERAL INFORMATION

Year Built: 1976	Upgrade: 2018
Design: Class 84 Slot Jack-Up	ABS Class Notations: A1, MODU
Flag: TBD	

MAIN DIMENSIONS

Length: 247ft-7"	Breadth: 227ft-5"
Depth: 26ft	Legs: 3 x 410ft Square Truss (add. 101ft available, 511ft total)
Leg Spacing: Longitudinal 129ft; Transverse 142ft	Cantilever: Slot dimensions 41ft x 50ft
Spud Cans: 46ft diameter x 24ft high	Deck Area: Skid-off capable
Helideck: S-61; 70ft diameter	

OPERATING PARAMETERS

Water Depth: 300ft (17ft – 300ft)	Maximum Drilling Depth: 20,000ft with 5" DP
Air Gap: 80ft (available length below hull incl. 5ft margin)	Transit Speed: 5 knots
Survival Conditions: Wind 100 knots; wave period 13 sec; wave height 44ft	Transit Draft: 15ft-6"
Transit Displacement: 24,372 kips	Jacking/Skidding System: Electric rack and pinion, 90'/hr

WELL CONTROL SYSTEMS

BOP: 1 x 13-5/8" x 5,000psi annular; 1 x 13-5/8" x 10,000psi double ram; 1 x 13-5/8" x 10,000psi single ram
Control System: 375-gal x 3,000psi air/electric powered BOP control system, 3 control panels
Diverter: MSP x 2,000psi x 21-1/4"
Choke and Kill: 3 x 1/16" x 10,000psi x 2 HCR & 2 manual

DRILLING EQUIPMENT

Derrick: 170ft x 30ft x 30ft x 1,500,000lbs	Drawworks: 1320-UE x 2000HP x 7838 Brake, electric
Rotary: C-375 x 37-1/2" opening, EMD D79 motor drive	Main Power: 3 x EMD 16-645-E8 x 6,600HP; 3 x 1,575 KW 600V gens
Power Distribution: 5 Bay Drive Emerson, 6,000 KW total	Emergency Power: 1 x Cat 3412-TA diesel
Top Drive: TDS-4H w/ PH-85 Pipe Handler	Travelling Block: 760H 650 x 650 Tons
Cementing: FIP 2 x triplex pump, 15000psi, 12 BPM	Mud Pumps: 12-P-160 triplex (2)
Drill Pipe: 5" 19.5 lbs/ft 4-1/2" (NC50)	Heavy Weight DP: 5" 49 lbs/ft 4-1/2" IF (NC50) Qty. 50
Drill Collars (6-1/2"): 99 lbs/ft 4-1/2" IF Qty. 50	Drill Collars (8"): 150 lbs/ft 6-5/8" REG Qty. 12

Drill Collars (9-1/2"): 217 lbs/ft 7-5/8" REG Qty. 6	Mud Equipment: Mud Cleaning Mongoose Pro, 4-panel flow-line cleaner
Desilter: HI-G 750 GPM, cones 20 x 4"	Hydraulic Catwalk: Pipe 45ft, min dia. 2-7/8", max 36"

CAPACITIES

Variable Deck Load: 7,682 kips	Cantilever Load: 1,310,000 lbs
Total Drilling Load: 7,682 kips	Pipe Rack: 4,600 sq.ft.
Liquid Mud: 1,605 bbls	Bulk Mud/Cement: 6,240 cu.ft.
Sacks: 2,500 sacks	Drill Water: 10,539 bbls
Potable Water: 1,294 bbls	Fuel Oil: 4,727 bbls
Base Oil: 363 bbls	

SHIP

Accommodation: 88 berths	Sewage Treatment: RF 4000-M, Red Fox
Water Maker: NH75463+APC, FCI	Cranes: 3 x PCM-120AS electric, AC-DC motors

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