



# ROWAN MISSISSIPPI

Design: LeTourneau Technologies 240-C Class Jack-Up

Built: Vicksburg, Mississippi

Year Built / Last Upgrade: 2008 / 2018



## High Specification Jackup

### General Description

Classification .....	ABS, A1 Self-elevating Drilling Unit.
Flag .....	Marshall Islands.
Overall Dimensions (Hull) .....	228 ft. long x 220 ft. wide x 26 ft. deep.
Legs .....	3 x 491 ft. long, Square.
Longitudinal Leg Centers .....	129 ft.
Transverse Leg Centers .....	142 ft.
Drafts .....	18.50 ft. load line draft.
Accommodation .....	108 persons.
Displacement .....	36,346.50 kips operating.
Variable Deck Load .....	10,470 kips operating / 5,298 kips transit.
Transit Speed .....	Average 3 knots (min. 400 kips bollard pul).
Operating Water Depth .....	375 ft.
Maximum Drilling Depth .....	35,000 ft.

### Drilling Equipment

Derrick	Loadmaster Model 2500 Kips, 175 ft, base 36 ft. x 36 ft.
Hook load Capacity	2,500,000 lbs. on 16 Lines static hook load capacity.
Top Drive	Lewco LL-DDTD- 750V2 , OEM 1,500 hp AC Motor, output torque 72,000 ft lbs continuous at 250 rpm.
Cantilever / Drill Floor	80 ft aft of Transom / 15 ft transverse to port or starboard.
Travelling Block	Lewco Model LBLK-1250, Capacity 1,250 tons.
Crown Block	Loadmaster, Capacity 1,250 tons.
Drawworks	Lewco Model 4500, Driven by (2) 1,500 hp AC Motors with 2-inch Drill Line.
Auxiliary Brake	Baylor 15050W & Eaton Airflex 2x248.
Rotary Table	Lewco Model D495, 49-1/2 inch, Driven by (1) OEM 1,000 hp AC Motor.
Cementing Eqpt.	Halliburton Diesel Unit 15K psi.
Torque Wrench	NOV ST-100 Iron Roughneck, size 3-1/2" to 9".

### Mud System

Mud Pumps	(3) Lewco W3000, Triplex pump, Driven by (2) OEM 1,500 hp AC Motors.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4,100 bbls total, (6) Mud Pits (2) Slug Pits.
Desanders & Desilters	(1) Derrick Hydro cyclone w/3ea 10" Desander cones and 20ea 4" Desilter cones
Degasser	(1) Brandt DG-12 w/ dual vacuum pumps, 1,200 gpm.
Shale Shakers	(5) Derrick Hyper pool HP — 704-4-4 Panel.

### Storage Capacities

Fuel Oil .....	5,141 bbls.
Liquid Mud .....	4,100 bbls.
Drill Water .....	10,431 bbls (incl. combo tanks).
Potable Water .....	1,724 bbls.
Bulk Material .....	(Barite/Bentonite + Cement) 13,820 cu.ft.
Sack Storage .....	1,600 sq. ft.
Pipe Storage (Main) .....	3068 sq. ft x 7 ft. high.
Pipe Storage (Cantilever) .....	2800 sq. ft x 7 ft. high.

### BOP & Well Control

BOP	(1) 18-3/4" 15K (2ea Double) (1) 26-3/4" 3K & 30" 1K Annular
BOP Handling	(2) J D Neuhaus 125 Ton each hoist, 55 ft of lift.
Diverter	ABB Vetco Gray, Model KFDJ 500 psi.
Control Unit	3K psi BOP Control Unit (80) 15 Gal. bottles with 1,100 gal. reservoir tank.
Choke Manifold	4-1/16" 15K Upstream to 4-1/16" 10K Downstream.

### Power & Machinery

Main Power	(6) Caterpillar 3516CHD V16 diesel engines rated 2,150 hp (6) KATO 6P6.6-3200HR Generator rated 1,525kw.
Emergency Power	(1) Caterpillar 3516CHD V16 diesel engines rated 2,150 hp (1) KATO 6P6.6-3200HR Generator rated 1,525kw.

### Cranes

Deck Cranes	(3) LeTourneau PCM-220 SS Pedestal Cranes, SWL 75 tons.
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### Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 tons.
Jacking System	6 pinions per chord, 4 x chords per leg, 1,000 kips per pinion for holding capacity and 400 kips per pinion for Jacking capacity.

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Classified as Company General Data

These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with ARO Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

