



ROWAN EXL-I

Design: LeTourneau Technologies Super 116E Class Jackup
 Built: Keppel AMFELS, Brownsville, Texas
 Year Built / Last Upgrade: 2010 / 2018



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	243.08 ft. long x 206 ft. wide x 26 ft. deep.
Legs	3 x 477.47 ft. long, Square.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	17 ft. load line draft.
Accommodation	120 persons.
Displacement	27,608 kips operating.
Variable Deck Load	6,501 kips operating / 3,977 kips. transit.
Transit Speed	Average 3 knots (min.300 kips combined bollard pull).
Operating Water Depth	350 ft.
Maximum Drilling Depth	35,000 ft.

Drilling Equipment

Derrick	170 ft. Loadmaster 32 ft. x 35 ft. Base.
Hook load Capacity	2,000,000 lbs. on 14 Lines static hook load capacity.
Top Drive	Lewco 750 ton OEM 1,500 hp AC Motor output torque 72,000 ft lbs continuous / 100,000 ft lbs intermittent.
Cantilever / Drill Floor	70 ft aft of Transom / 15ft Transverse to port or starboard.
Travelling Block	Lewco Model LBLK-1000, Capacity 1,000 tons.
Crown Block	Loadmaster, Capacity 1,000 tons.
Drawworks	Lewco Model 3000 HD, Driven by (2) 1,500 hp AC Motors with 1.75-inch Drill Line.
Auxiliary Brake	Baylor Elmagco 15050.
Rotary Table	Lewco Model D495, 49.5 inch, Capacity 1,250 tons. Driven by (1) OEM 1,150 hp AC Motor.
Cementing Eqpt.	Baker Hughes Seahawk Unit.
Torque Wrench	NOV ST-100 Iron Roughneck, size 3-1/2" to 9-3/4"

Mud System

Mud Pumps	(3) Lewco W-2215, Triplex, Driven by (2) OEM 1150 hp AC motors.
HP Mud System	Rated for 7,500 psi.
Mud Pits	(6) Mud Pits (2) Slug Pits 3,668 bbls.
Desanders & Desilters	(1) Derrick Desander with 3x10" cones, (1) Derrick Desilter with 20x4" cones.
Degasser	(1) Derrick Vacu Flo 1200 gpm.
Shale Shakers	(4) Derrick DP-628 Box/Top feed shakers, (1) Derrick DP-616 Mud Cleaner.

Storage Capacities

Fuel Oil	3,704 bbls.
Liquid Mud	3,668 bbls
Base Oil	939 bbls.
Drill Water	13,882 bbls (Incl. combo tanks).
Potable Water	1,725 bbls.
Bulk Material	(Barite/Bentonite + Cement) 13,610 cu.ft.
Sack Storage	775 sq.ft.
Pipe Storage (Main)	1,385 sq. ft x 7 ft. high.
Pipe Storage (Cantilever)	2,000 sq. ft x 7 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K (2 Double) (1) 21-1/4" 2K & 30 1K Annular
BOP Handling Diverter	(2) JD Neuhaus, Winches Model 125 tons each hoist. Vetco Grey Model KFDJ 500 psi.
Control Unit	Cameron 3k psi BOP Control Unit 15 gal. bottles with reservoir tank capacity 1,100 gal.
Choke Manifold	3-1/16" 15K Upstream to 4-1/16" 10K Downstream

Power & Machinery

Main Power	(5) Caterpillar 3516 CHD diesel engines driving (5) KATO 1,525 kw Generator.
Emergency Power	(1) Caterpillar 3516 CHD driving (1) Kato 1,525 kw Generator.

Cranes

Deck Cranes	(2) Letourneau PCM-220 SS Pedestal Cranes, SWL 75 tons, (1) Letourneau PCM-120 SS Pedestal crane, SWL 50 tons.
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 t.
Jacking	5 pinions per chord, 4 x chords per leg, 600 kips per pinion for Holding Capacity and 361 kips per pinion for jacking capacity.



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.

