



# Baltic

## 375 Foot Jack-Up Drilling Unit

### General Description

<b>Design</b> .....	Marathon LeTourneau Super 300
<b>Year Built / Last Upgrade</b> .....	1983 / 2015
<b>Hull Dimensions</b> .....	270 ft. x 268 ft. x 28 ft.
<b>Spud Can Diameter</b> .....	55 ft.
<b>Legs (3)</b> .....	515 ft. long square
<b>Quarters Capacity</b> .....	120 persons
<b>Maximum Water Depth</b> .....	375 ft.
<b>Cantilever Envelope</b> .....	60 ft. by 24 ft.
<b>Maximum Variable Load (drilling)</b> .....	Approx. 7,800 kips*
	<i>*depending on water depth and geographical location</i>

### Drilling Equipment

<b>Derrick</b>	Brown Services 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with fourteen (14) lines
<b>Drawworks</b>	National 1625 DE 2,700 HP driven by three (3) GE 752 DC motors and outfitted with a Baylor 7838 auxiliary electric brake
<b>Rotary Table</b>	National C-495, 49-1/2 in. maximum opening driven by a GE-752 900 HP independent DC motor
<b>Top Drive</b>	Varco TDS-4S, 650 short tons, continuous drilling torque rated to 50,900 ft. lbs. outfitted with a Varco PH-85 pipe handler
<b>Mud Pumps</b>	Three (3) National 14-P-220, 2,200 HP triplex pumps each driven by two (2) GE 752 Hi-Torque DC traction motors, rated to 7,500 psi working pressure
<b>Solids Control</b>	Five (5) Derrick Hyper-pool 4-panel shale shakers; one (1) MI Swaco desander with 3 cones; one (1) MI Swaco desilter with 16 cones
<b>Instrumentation</b>	NOV Rig Sense drilling instrumentation system

### Storage Capacities

<b>Liquid Mud</b>	1,975 bbls. (including slug tank)
<b>Drill Water</b>	12,791 bbls.
<b>Base Oil</b>	1,680 bbls.
<b>Brine</b>	1,116 bbls.
<b>Bulk Mud (4 silos)</b>	6,800 cu. ft.
<b>Bulk Cement (4 silos)</b>	6,800 cu. ft.

### Power Equipment

<b>Main Power</b>	Five (5) 3516 Caterpillar diesel engines 1,855 HP each, driving five (5) Kato 1,305 KW AC generators
<b>Power Dist.</b>	Five (5) Ross Hill SCR units 1,600 amps each, powering ten (10) drilling motors

### Well Control Equipment

<b>Diverter</b>	NOV T3 7012 29.1/2 in. annular diverter rated to 500 psi WP with two (2) 12 in. discharge lines and 12 in. hydraulically operated ball valves
<b>BOP Stack</b>	Cameron Type U 13-5/8 in. 10K BOP stack, with two (2) double ram preventers and one (1) Hydril GX 13-5/8 in. 5,000 psi WP annular
<b>BOP Handling</b>	2 ea. Ingersoll Rand hoists, each rated to 37.5 ton

### Cranes

Three (3) Marathon LeTourneau PCM-220 pedestal cranes, 2 cranes with 140 ft. booms & 1 crane with 100 ft. boom, all cranes rated for 50 short tons at 50 ft. radius

### Special Features

<b>CTU System</b>	Carrier 200 kips conductor tensioning unit with 2 lift points and 24-in stroke.
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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 Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

