

# SCOOTER YEARGAIN

Design : LeTourneau Technologies Tarzan Class

Built : Vicksburg, Mississippi

Year Built / Last Upgrade : 2004



## Premium Jackup

### General Description

<b>Classification</b> .....	ABS, A1 Self-elevating Drilling Unit.
<b>Flag</b> .....	Marshall Islands.
<b>Overall Dimensions (Hull)</b> .....	215 ft. long x 196 ft. wide x 22 ft. deep.
<b>Legs</b> .....	3 x 647 ft. long, triangle.
<b>Gear Unit Height</b> .....	30 ft.
<b>Longitudinal Leg Centers</b> .....	122 ft.
<b>Transverse Leg Centers</b> .....	141 ft.
<b>Drafts</b> .....	16 ft. load line draft.
<b>Accommodation</b> .....	86 persons.
<b>Displacement</b> .....	25,806 kips operating.
<b>Variable Deck</b> .....	7,500 kips operating / 3,169 kips transit.
<b>Transit Speed</b> .....	average 5 - 7 knots (min. 30,000 bhp combined bollard pull).
<b>Operating Water Depth</b> .....	300 ft.
<b>Maximum Drilling Depth</b> .....	35,000 ft.

### Drilling Equipment

<b>Derrick</b>	Woolslayer 15263, 170 ft. base, 36 ft. X 36 ft.
<b>Hookload Capacity</b>	2,000,000 lbs. on 16 Lines static hook load capacity.
<b>Top Drive</b>	National Oilwell PS-2 750A, 7500 psi rated 1,500 hp AC motor, continuous at 250 rpm.
<b>Cantilever / Drill Floor</b>	50 ft aft of Transom.
<b>Travelling Block</b>	LEWCO 1000 Ton.
<b>Crown Block</b>	Woolslayer./ SCB-55 Rated Capacity 2,000,000 lbs.
<b>Drawworks</b>	Lewco 3000, Driven by (2) 1,500 hp AC Motors with 1-3/4 - inch Drill Line.
<b>Auxiliary Brake</b>	NOV Baylor 15050.
<b>Rotary Table</b>	Lewco D495, 49.5 inch, Rated Capacity 400 hp.
<b>Cementing Eqpt.</b>	BJ Service 1300C, working pressure with 2 triplex pumps.
<b>Torque Wrench</b>	Varco TW-61 Torque Wrench, size 3-1/2" to 9". Spinmaster Hawk 950, size 4" to 9 3/4" Spinning Wrench.

### Mud System

<b>Mud Pumps</b>	(3) Letourneau Ellis William W-3000, Triplex. (2) Letourneau DC Motors, power rating 1500 hp.
<b>HP Mud System</b>	Rated for 7,500 psi.
<b>Mud Pits</b>	4,276 bbls + 2,178 bbls Reserve Mud Tank.
<b>Mud Mixing Pumps</b>	(2) Halco 2500 Supreme, 125 hp, 2400 gpm per pump.
<b>Desanders &amp; Desilters</b>	(1) Derrick w/3-10" poly cones 1,200 gpm. (1) Derrick w/ 20-4" poly cones 1,200 gpm.
<b>Degasser</b>	(1) Derrick / VacuFlor-1200 at 1200 gpm.
<b>Mud Processing Pumps</b>	(4) Halco 2500 Supreme, 125 hp.
<b>Shale Shakers</b>	(4) Derrick / FLC-504, BDKCSS, 3K gpm max.

### Storage Capacities

<b>Fuel Oil</b> .....	5,507 bbls.
<b>Liquid Mud</b> .....	4,279 bbls total (6 pits + 2 slug pits + 1 Comb. Tank).
<b>Base Oil</b> .....	7,25 bbls.
<b>Drill Water</b> .....	7,188 bbls (incl. combo tanks).
<b>Potable Water</b> .....	1,580 bbls.
<b>Bulk Material</b> .....	(mud + cement) 11,952 cu.ft.
<b>Sack Storage</b> .....	6,76 sq. ft.
<b>Maximum Drilling Payload</b> .....	7,522,300 lbs.
<b>Sand Traps</b> .....	3,36 bbls.
<b>Pipe Storage (Main)</b> .....	2,400 sq. ft. x 7ft. high.
<b>Pipe Storage (Cantilever)</b> .....	2,352 sq. ft. x 7ft. high.

### BOP & Well Control

<b>BOP Rams</b>	(1) Cameron-26-3/4", 15k Type "U" Double, (4) 3-1/16" 15k outlets. (1) Cameron-26-3/4", 15k Type "U" Single, (4) 3-1/16" 15k outlets.
<b>BOP Annular</b>	(1) 18-3/4", 10k Shaffer.
<b>BOP Handling</b>	(2) JD Neuhaus, Pneumatic Chain Hoist 125 Ton each hoist.
<b>Diverter</b>	ABB Vetco Gray, KFDJ Model 'J' 500 psi, 49-1/2" Rotary.
<b>Control Unit</b>	3K psi BOP Control Unit (90) 15 gal. bottles with reservoir tank capacity 1,250 gal.
<b>Choke Manifold</b>	(31) Cameron 3 - 1/16" type FLS manual, pressure 15k psi, H2S trimmed 4 Cameron 4-1/16" type FLS, pressure 10k psi.

### Power & Machinery

<b>Main Power</b>	(5) Caterpillar 3516BHD V16, diesel engines rated at 2150 hp. (1) KATO 6P6 - 3000 Generator rated 2150 hp Horizontal Synchronous AC type rated 600 Volts.
<b>Emergency Power</b>	(1) Caterpillar 3516B HD V16, rated 2150 hp. (1) KATO C060-6422 Generator rated 1540 hp.
<b>Power Distribution</b>	Alstom / Oem VFD System 1600 Amps; rated 600 Volts.

### Cranes

<b>Deck Cranes</b>	(3) Letourneau PCM 220SS Pedestal Crane, 140 ft Boom Length.
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### Special Features & Other Information

<b>Helideck</b>	Sikorsky S-61N / S-92 helicopters (Aviation Spec. CAP 437).
<b>Jacking</b>	8 pinions per chord, 3 x chords per leg, 659 kips per pinion for normal operation and 925 kips per pinion for normal Jacking.



