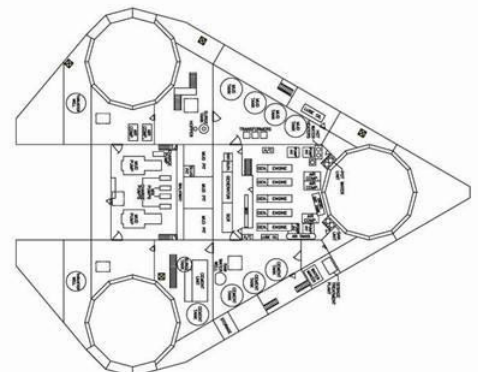
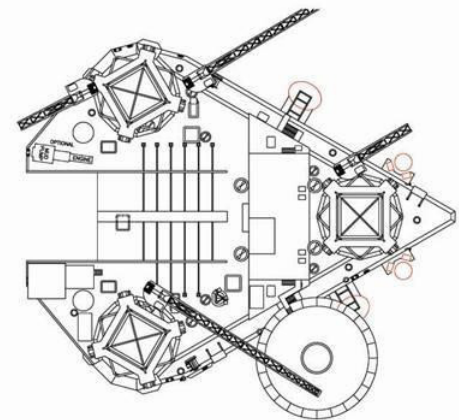
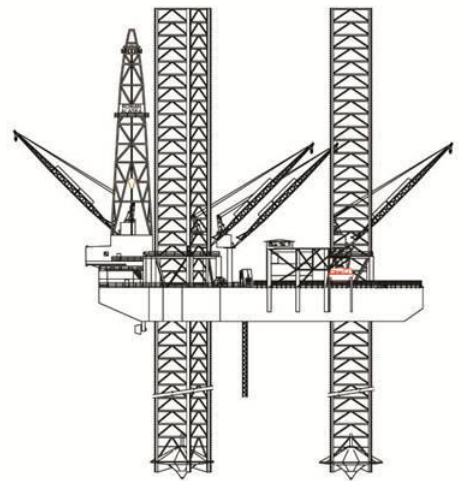


## LeTourneau Technologies 84-S Class Jack-up Rig

### Primary Rig Characteristics

Maximum Water Depth	350 ft
Hook Load	1,250,000 lbs
Mud System Maximum Pressure	5,000 psi
Cantilever Skid Out	N/A
Substructure Travel	7.5 ft. to Port or Starboard
Quarters Accommodation	79 Persons
Heliport - can accommodate:	Sikorski S-61 N
Year In Service	1975
Life Enhancement	2010
Leg Length	477 ft
Hull Length	248 ft
Hull Width	201 ft
Hull Depth	26 ft
Gear Unit Height	24 ft
Maximum Drilling Depth	25,000 ft
Longitudinal Leg Centers	129 ft
Transverse Leg Centers	142 ft



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# KRÖNEN GROUP

## Capacities

Maximum Drilling Pay-load	6,714,000 lbs
Hook Load	1,250,000 lbs
Rotary Load	1,000,000 lbs
Setback load	450,000 lbs
Liquid Mud	1,465 bbls
Sand Traps	240 bbls
Pipe Storage (main)	2,000 sqft x 7ft high
Pipe Storage (cantilever)	N/A
Covered Sack Storage	1,500 sq ft
Bulk Cement	5,400 cu ft
Bulk Barite	5,400 cu ft
Potable Water	1,100 bbls
Drill Water	6,624 bbls (incl. combo tanks)
Diesel Fuel	3,779 bbls
Base Oil	700

## Drilling Equipment

Derrick	160ft Lee C. Moore 30ft x 30ft
Top Drive / Power Swivel	Varco TDS-3 Output torque - 30,800 ft.lbs
Traveling Block	Emsco 660H500, Capacity: 1,000,000 lbs
Crown Block	National 760FA, Capacity - 1,166,000 lbs
Drawworks	National 1625-DE
Auxiliary Brake	Elmago 7838
Drill Line	1-1/2"
Rotary	National C375
Prime Movers	5 - Caterpillar D-399 @ 1,139 hp
Emergency Generator	1 - Caterpillar D-334 @ 200 hp
Cementing Equipment	Dowell Schlumberger with Detroit 361 rated @ 10,000 PSI WP.
Torque Wrench / Spinner	Varco Iron Roughneck TW-61 / Spinmaster Hawk
Cranes	(4) LeTourneau 120AS

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# KRÖNEN GROUP

## Well Control

Diverter	Hydril 21 ¼” MSP 2,000 psi
Annular	13-5/8” Hydril 5k
BOP	(1) 13-5/8” 10K Type U Single, (1) 13 -5/8” 10K Type U Double with Blind Shear, w/ 4-1/16” 10K outlets
Choke Manifold	16 Cameron 4-1/16” type F manual 10k psi , H2S trimmed, 1 Cameron 2-1/16” type F hydraulic 10k psi, H2S trimmed, 3 Cameron 3-1/16” type F 10k psi
Control Unit	3,000 psi BOP control unit, 16- 11 gallon bottles with reservoir tank 280 gallons

## Mud System

Mud Pumps	2 - National 12-P-160, Triplex, 1,600 hp driven by two GE 752 1-Lewco 1600 driven by CAT (deck mounted)
Mud Pits	1,467 bbls total active mud pits (3 mud pits + 1 slugging pit)
Mud Mixing Pumps	Two Mission Magnum
Shale Shakers	4 Derrick 500 Flowline
Desanders	1 Derrick Desander w/ 2 – 10” cones, 1000gpm
Desilters	1 Derrick 20 cones
Degasser	1 Derrick Vacu-Flow, 1200gpm
Mud Processing Pumps	Two Mission Magnum
Maximum Pressure	5,000 psi