

# OBERON

The Oberon is an Independent Leg Cantilever Jack-Up  
with operational history in the Gulf of Mexico.



## GENERAL (U.S.)

Built	2013 Dalian Shipyard, China
Design	Friede & Goldman JU2000E
Flag/Class	Singapore / ABS
Dimensions	231 ft Long / 249 ft Wide / 31 ft Deep 330 ft long including Heliport
Cantilever Envelope	75 ft x 15 ft x 15 ft
Draft	22 ft Transit
Displacement	50,693 kips at Load line
Variable Load	6,600 kips Transit 14,495 kips Drilling
Accommodations	140 Persons
Helideck	S61N & S92
Max. Water Depth	Up To 400 ft
Max. Drilling Depth	35,000 ft
Legs	3 x 548 ft Triangular Truss 479 ft Useable Below Hull
Legs Spacing	156 ft Transverse 150 ft Longitudinal
Spud cans	59 ft Diameter
Jacking System	F&G, 18 x Pinions/Leg
Mooring Winches	4 x Pellegrini AT40000/E, 120 HP 88 kips Pull
Mooring Lines	4 x 3,000 ft, 2 in Diameter IWRC
Anchors	4 x Chongqing Penxiang- Delta HHP 16.5 kips

## STORAGE CAPACITIES

Fuel	4,041 bbls
Drill Water	8,292 bbls
Potable Water	3,425 bbls
Liquid Mud	4,337 bbls
Base Oil	1,340 bbls
Brine	1,340 bbls
Bulk Bentonite / Barite	9,888 ft <sup>3</sup>
Bulk Cement	9,888 ft <sup>3</sup>
Sack Storage	5,000 Sacks

## DRILLING PACKAGE

Top Drive	NOV TDS 1000A 62,250 lbf-ft continuous torque @ 94 RPM, rated for 2,000 kips hoisting capacity.
Drawworks	SSGD-1000 AC 6,000 HP with 2" Drill line Line pull 14 Lines of 2000 kips
Rotary Table	NOV RST 49.5"
Tubular Handling	NOV Hydratong-MPT-200 Iron Roughneck
Derrick	NOV Dreco 40 ft x 40 ft x 170 ft. 2,100 Kips capacity
Mud Pumps	3 x NOV 14-P-220, 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	5 x Brandt VSM 300

## WELL CONTROL

BOP (High Pressure)	1 x Annular BOP NOV NXT 18-3/4" - 10,000 psi 2 X double ram BOP NOV NXT 18-3/4" - 15,000 psi
Diverter	1 x KFDJ Vetco Gray Spherical 49.5" 500 PSI
BOP Handling	1 TSC 176 kips BOP crane (fork type)
Choke & Kill Manifold	JVS 3 1/16" 15,000 psi
Conductor Tensioning	TSC 8 x lift points total tension 600 Kips.

## CRANES

Primary Cranes	3 x NOV Amclyde KP-72 120 ft boom. 167.3 Kips @ 39.4 ft radius, Main boom 19.5 Kips @ 77.75 ft radius, Auxiliary boom.
Pipe Handling Crane	1 x NOV OC1891PL02 Knuckle boom type rated for 26.5 Kips, with 20" Gripper Yoke for casing.

## POWER

Main Engines	6 x Caterpillar 3516B HD 2,150 HP Diesel Engines
Main Generators	6 x Caterpillar SR4B 1,534 kW
Emergency Power	1 x Caterpillar C-32 1,333 HP Diesel Engine 1 x Leroy Somer LSAM 50.2M6 Generator, 900 kW. (In addition to 6 Main Engines)

**Further information: +52 938 135 75 70**

The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised December 6th, 2024

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## GENERAL (METRIC)

Built	2013 Dalian Shipyard, China
Design	Friede & Goldman JU2000E
Flag/Class	Singapore / ABS
Dimensions	70.4 m Long / 76 m Wide / 9.4 m Deep 100.6 m long including Heliport
Cantilever Envelope	22.9 m x 4.6m x 4.6m
Draft	6.7 m Transit
Displacement	22,994 mt at Load line
Variable Load	2,295 mt Transit 6,577 mt Drilling
Accommodations	140 Persons
Helideck	S61N & S92
Max. Water Depth	Up To 122 mt
Max. Drilling Depth	10,668 m
Legs	3 x 167 m Triangular Truss 146 m Useable Below Hull
Legs Spacing	47.6 m Transverse 45.7 m Longitudinal
Spud cans	18 m Diameter
Jacking System	F&G, 18 x Pinions/Leg
Mooring Winches	4 x Pellegrini AT40000/E, 89.5 Kw 40 mt Pull
Mooring Lines	4 x 914.4 m 50.8 mm Diameter IWRC
Anchors	3 x Chongqing Penxiang- Delta HHP 7.5mt

## STORAGE CAPACITIES

Fuel	643 m <sup>3</sup>
Drill Water	1,318 m <sup>3</sup>
Potable Water	545 m <sup>3</sup>
Liquid Mud	690 m <sup>3</sup>
Base Oil	213 m <sup>3</sup>
Brine	213 m <sup>3</sup>
Bulk Bentonite / Barite	280 m <sup>3</sup>
Bulk Cement	280 m <sup>3</sup>
Sack Storage	5,000 Sacks

## DRILLING PACKAGE

Top Drive	NOV TDS 1000A 84,400 n-m continuous torque @ 94 RPM, rated for 907 mt hoisting capacity.
Drawworks	SSGD-1000 AC 4,474 kW with 50.8mm Drill line Line pull 14 Lines of 907 mt
Rotary Table	NOV RST 1.25 m
Tubular Handling	NOV Hydratong-MPT-200 Iron Roughneck
Derrick	NOV Dresco 12.2 m x 12.2 m x 52 m. Base, 953 mt Capacity
Mud Pumps	3 x NOV 14-P-220, 1640.5 kW
HP Mud System	Rated for 517 bar
Shale Shakers	5 x Brandt VSM 300

## WELL CONTROL

BOP (High Pressure)	1 x Annular BOP NOV NXT 47.62 cm - 689.5 bar 2 X double ram BOP NOV NXT 47.62 cm - 1,034 bar
Diverter	1 x KFDJ Vetco Gray Spherical 1.25 m 34.5 bar
BOP Handling	1 TSC 125 mt BOP crane (fork type)
Choke & Kill Manifold	JVS 3 1/16" 1,034 bar
Conductor Tensioning	TSC 8 x Lift Points Total Tension 272.2 mt

## CRANES

Primary Cranes	3 x NOV Amclyde KP-72 36.5m boom. 75.9mt @ 12m radius, Main boom 8.8 mt @ 23.7 m radius, Auxiliary boom
Pipe Handling Crane	1 x NOV OC1891PL02 Knuckle boom type rated for 12 mt, with 50.8 cm Gripper Yoke for casing.

## POWER

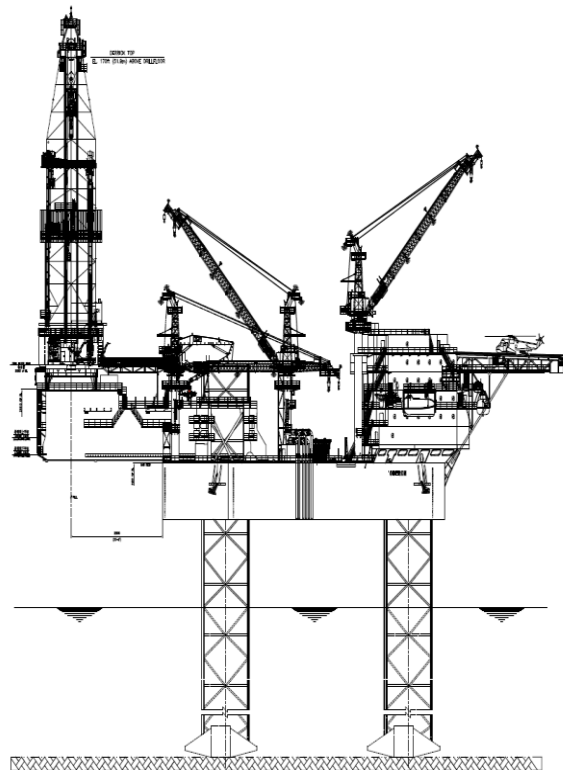
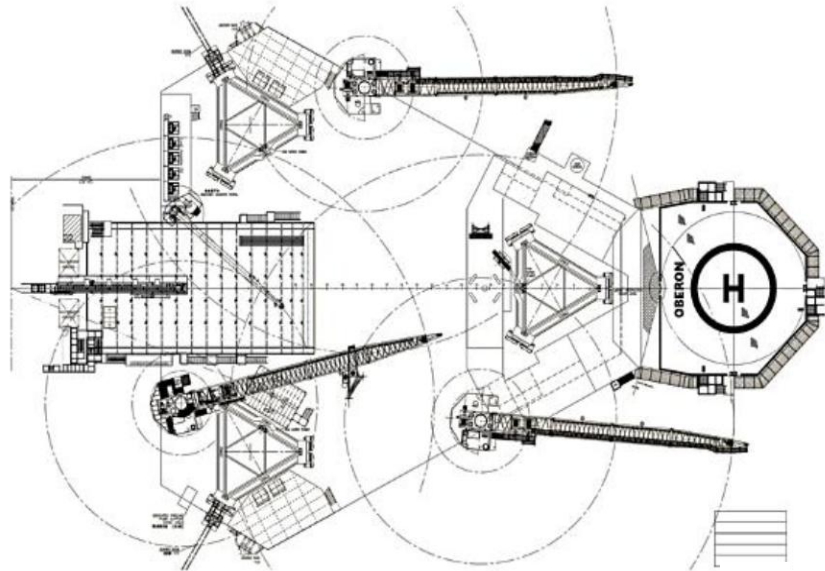
Main Engines	6 x Caterpillar 3516B HD 1,603 kW Diesel Engines
Main Generators	6 x Caterpillar SR4B 1,534 kW
Emergency Power	1 x Caterpillar C-32 900 kW Diesel Engine 1 x Leroy Somer LSAM 50.2M6 Generator, 900 kW (In addition to 6 Main Engines)

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