

SEVAN LOUISIANA

Sevan Louisiana was built in 2013 in the COSCO Nantong Shipyard. It is a 6th Generation Sevan 650 DP Semi-submersible offshore drilling rig.



GENERAL (METRIC)

Built	2013 COSCO Nantong Shipyard
Design	Sevan 650
Flag / Class	Panama / DNV
Dimensions	99 m diameter
Drafts	12.5 m Drilling / 10 m Transit
Displacements	58,453 mt Drilling / 48,419 mt Transit
Variable Load	15,000 mt Drilling / 10,000 mt Transit
Accommodations	150 Persons
Helideck	Sikorsky S92, EH101
Max Water Depth	3,048 m Designed / 3,048 m Outfitted
Max Drilling Depth	10,668 m

STATION KEEPING

Dynamic Positioning	Kongsberg Class 3
Thrusters	8 x Wartsila 3,800 kW Azimuthing
Transit Speed	Up to 3.1 m/s
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only
Max Drilling Depth	10,668 m

STORAGE CAPABILITIES

Fuel	4,898 m ³
Drill Water	3,306 m ³
Potable Water	1,272 m ³
Active Liquid Mud	679 m ³
Reserve Liquid Mud	2,015 m ³
Bulk Bentonite / Barite	648 m ³
Bulk Cement	432 m ³
Sack Storage	40,332 Sacks

DRILLING PACKAGE

Derrick	Maritime Hydraulic 64 m Tall with 14 m x 16 m Base Gross 907 mt Gross Nominal Capacity
Top Drive	MH DDM 1000 Rated for 907 mt Hoisting Capacity 2 x 850 kW AC Motors

Max Continuous Torque	117,983 nm
Drawworks	Wirth gh 4500 w/ 50.8 mm Drill Line Max Line Pull 14 Lines of 907 mt
Rotary Table	Wirth RTSS 153.7cm
Compensator	MH Crown Mounted Rated for 680 mt Compensated, 907 mt Static
Tubular Handling	MH Hi-Pro Automated Racking System
Offline Capability	Offline Stand Building Arm and HRN
Mud Pumps	4 x Wirth TPK 1,640 kW
HP Mud System	Rated for 517 Bar

SUBSEA EQUIPMENT

BOP	1 x Cameron 7 RAM 1,034 Bar
Annular	2 x Cameron dl 47.625 cm 689 Bar
Diverter	Cameron 34.5 Bar Max Bore 0.5334 m
Wellhead Connector	Eron EVO-Con
Riser	Cameron lk 22.86 m Length 0.5334 m od 10.16 id Boost Line
Tensioners	6 x mh Dats Max Total Tension Applied at Ring 115.24 m Stroke

CRANES

Pedestal Cranes	2 x Liebherr Rated for 100 mt at 10 m Radius
Pipe Handling Crane	1 x Aker mh Knuckle Boom Rated for 10 mt at 36 m Radius
X-Mas Tree Crane	2 x 100 mt

POWER

Main Engines	8 x Wartsila 12v32 2,760 kW at 720 RPM
Main Generators	8 x Siemens 5,535 kW at 720 RPM
Emergency Power	Main Engines Classified as Emergency Power