

## West Carina

The West Carina is a 7th generation ultra-deepwater Drillship with operational history offshore Brasil.



### GENERAL (U.S.)

Built	2014 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	748 ft Long / 137.8 ft Wide
Draft	39.4 ft Drilling / 29.5 ft Transit
Displacement	106,000 st Drilling / 71,500 st Transit
Variable Load	22,047 st Drilling / 18,188 st Transit
Accommodations	200 Persons
Helideck	Sikorsky S61N & S92, MIL-Mi-8
Max. Water Depth	12,000 ft Designed / 10,000 ft Outfitted
Max. Drilling Depth	40,000 ft Designed / 37,500 ft outfitted

### STATION KEEPING

Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 6,035 HP Azimuthing
Transit Speed	Up to 11.5 Knots
Mooring Lines	Harbor Mooring Only
Mooring Winches	4 x20-ton x 15m/min Elect high driven

### STORAGE CAPACITIES

Fuel	37,793 bbl
Drill Water	15,362 bbl
Potable Water	9,132 bbl
Active Liquid Mud	6,544 bbl
Reserve Liquid Mud	6,318 bbl
Bulk Bentonite / Barite	15,962 ft3
Bulk Cement	15,962 ft3

### DRILLING PACKAGE

Derrick	Dual NOV 210 ft Tall with 80 ft x 60ft Base. 1,250 + 1,000 st Gross Nominal Capacity
Top Drive	Main: NOV TDX 1250 Rated for 1,250 st Hoisting Capacity, 2 x 1,340 HP AC motors, Max.

Top Drive	Continuous Torque 105,000 ft-lbs at 125 RPM Aux: NOV TDX 1000 Rated for 1,000 st Hoisting Capacity, 2 x 1,150 HP AC Motors, Max Continuous Torque 78,450 ft-lbs
Drawworks	Main: NOV Dresco w/ 2" Drill Line Max. Line Pull 16 Lines of 2,500,000 lbs Aux: NOV Dresco w/2" drill line Max. Line Pull 14 Lines 2,000,000 lbs
Rotary Table	Main: VARCO RST 75.5" Aux: VARCO RST 60.5"
Compensator	Main: NOV Crown Mounted Rated for 766 st Compensated, 1,250 st Static Aux: NOV Crown Mounted Rated for 500 st Compensated, 1,000 st Static
Tubular Handling	NOV Automated Hydraracker
Mud Pumps	4 x NOV 14-P-220 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x NOV VSM 300

### SUBSEA EQUIPMENT

BOP	NOV 18 3/4" 7 RAM 15,000 psi
Annular	2 x Shaffer 18 3/4" 10,000 psi
Diverter	Shaffer Max. Bore 21-1/4"
Wellhead Connector	VETCO SHD
Riser	Shaffer ft-h 90 Ft Length 21" OD, 4" ID Boost Line C/K LINE, WA, 90' 5-1/4", 6.5"ODx4.5" IDx15M, FT-GHYD CONDUIT LINE, WA, 90'-
MPD	MPD Equipped
Tensioners	8 x Dual Shaffer 112.5 st Capacity EA, 50 Ft Line Travel

### CRANES

Primary Cranes	4 x NOV Knuckle Boom (3 x 85 MT Deck Crane / 1 x 165 MT AHC Crane)
X-mas Tree Crane	NOV Heave Compensated Knuckle Boom Rated for 165 mt

### POWER

Main Engines	6 x Hyundai-Himsen 16H32/40V 8,000 kW each set Diesel Engines
Main Generators	6 x ABB 9,387 HP @ 0.8 P.F.
Emergency Power	STX type QSK60DMGE 1 set, 1350 kW @ 450 V 60 H

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### GENERAL (METRIC)

Built	2014 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABD
Dimensions	228 m Long / 42 m Wide
Draft	12 m Drilling / 8.5 m Transit
Displacement	96,189 mt Drilling / 64,882 mt Transit
Variable Load	20,000 mt Drilling / 16,500 mt Transit
Accommodations	200 Persons
Helideck	Sikorsky S61N & S92, MIL-Mi-8
Max. Water Depth	3,660 m Designed / 3,048 m Outfitted
Max. Drilling Depth	12,192 m Designed / 11,429 m Outfitted

### STATION KEEPING

Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 4,500 kW Azimuthing
Transit Speed	Up to 5.9 m/s
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only

### STORAGE CAPACITIES

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Bulk Cement	15,962 ft <sup>3</sup>

### DRILLING PACKAGE

Derrick	Dual NOV 64 m Tall with 24.4 m x 18.3 m Base 1,134 + 907 mt Gross Nominal Capacity
Top Drive	Main: NOV TDX 1250 Rated for 1,250 st Hoisting Capacity, 2 x 1,340 HP AC motors, Max. Continuous Torque 105,000 ft-lbs at 125 RPM Aux: NOV TDX 1000 Rated for 1,000 st

Top Drive	Hoisting Capacity, 2x 1,150 HP AC Motors, Max. Continuous Torque 78,450 ft-lbs
Drawworks	Main: NOV Dreco w/ 2" Drill Line Max. Line Pull 16 Lines of 2,500,000 lb Aux: NOV Dreco w/2" drill line Max. Line Pull 14 Lines 2,000,000 lbs
Rotary Table	Main: VARCO RST 75.5" Aux: VARCO RST 60.5"
Compensator	Main: NOV Crown Mounted Rated for 766 st Compensated, 1,250 st Static Aux: NOV Crown Mounted Rated for 500 st Compensated, 1,000 st Static
Tubular Handling	NOV Automated Hydracker
Mud Pumps	4 x NOV 14-P-220 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x NOV VSM 300

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BOP	NOV 18 3/4" 7 RAM 15,000 psi
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MPD	MPD Equipped
Tensioners	8 x Dual Shaffer 102 mt Capacity EA, 15.24 m Line Travel

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