

WEST EMINENCE

The West Eminence is a 6th generation ultra-deepwater semi-submersible drilling rig with operational history offshore Brazil.



GENERAL (U.S.)

Built	2008 Samsung Heavy Industry
Design	Moss CS50 MKIIDP
Flag/Class	Panama / DNV
Dimensions	389 ft Long / 292 ft Wide
Draft	77 ft Drilling / 32.3 ft Transit
Displacement	60,186 st Drilling / 57,982 st Transit
Variable Load	6,171 st Drilling / 4,408 st Transit
Accommodations	180 Persons
Helideck	Sikorsky S61N & S92
Max. Drilling Depth	9,843 ft Designed / 7,874 ft Outfitted
Max. Water Depth	29,528 ft

STATION KEEPING

Dynamic Positioning	Kongsberg DP Class 3
Thrusters	8 x ABB Azimuthing 4,425 HP
Transit Speed	Up to 8 Knots
Mooring	Mooring Capable Requires Commissioning Of Posmoor ATA System

STORAGE CAPACITIES

Fuel	20,379 bbl
Drill Water	9,120 bbl
Potable Water	4,843 bbl
Active Liquid Mud	2,503 bbl
Reserve Liquid Mud	11,416 bbl
Bulk Bentonite / Barite	14,832 ft3
Bulk Cement	14,832 ft3
Sack Storage (50 LB Sacks)	5,000 Sacks

DRILLING PACKAGE

Derrick	AKMH Dual RAM Rig 151 ft Tall
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Top Drives	Main: DDM-1000 Rated for 1,000 st Hoisting Capacity, Max. Continuous Torque 57,604 ft-lbs Aux: DDM-650 Rated for 650 st Hoisting Capacity, Max. Continuous Torque 42,410 ft-lbs
Rotary Table	Main: Wirth 60.5" Aux: Wirth 49.5"
Compensator	RAM Compensation Rated for 1,500,000 lbs (Main) and 750,000 lbs (Aux) Compensated / 2,000,000 lbs Static
Tubular Handling	MH Hi-Pro Automated Racking System
Mud Pumps	4 x Wirth TPK 2,000 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	5 x Mi Swaco BEM 650

SUBSEA EQUIPMENT

BOP	Cameron TL 18 3/4" 5 RAM 15,000 psi
Annular	2 x Cameron DL 18 3/4" 10,000 psi
Diverter	VETCO KFDS 500 psi Max. Bore 60.5"
Wellhead Connector	Cameron C-Pro
Riser	Cameron LK3.5 75 ft Length 21" OD, 4" ID Boost Line
Tensioners	6 x AKMH DATs Max. Capacity EA 266.76 st, 53 ft Stroke

CRANES

Pedestal Cranes	2 x NOV Rated for 88 st at 26.08 ft and 32.5 st at 155.18 ft
Pipe Handling Crane	AKMH Gantry Crane 5 st
X-Mas Tree Handling	2 x Dreggen Overhead 55 st EA, 110 st Total

POWER

Main Engines	8 x Wartsila 5,982 HP at 720 RPM
Main Generators	8 x ABB 7,320 HP at 720 RPM at 0.8 P.F.
Emergency Power	Main Engines Classified as Emergency Power

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GENERAL (U.S.)

Built	2008 Samsung Heavy Industry
Design	Moss CS50 MKIIDP
Flag/Class	Panama / DNV
Dimensions	118.56 m Long / 89 m Wide
Draft	23.5 m Drilling / 9.85 m Transit
Displacement	54,600 mt Drilling / 35,700 mt Transit
Variable Load	5,600 mt Drilling / 4,000 mt Transit
Accommodations	180 Persons
Helideck	Sikorsky S61N & S92
Max. Drilling Depth	3,000 m Designed / 2,400 m Outfitted
Max. Water Depth	9,000 m

STATION KEEPING

Dynamic Positioning	Kongsberg DP Class 3
Thrusters	8 x ABB Azimuthing 3,300 kW
Transit Speed	Up to 4.1 m/s
Mooring	Mooring Capable Requires Commissioning of Posmoor ATA System

STORAGE CAPACITIES

Fuel	3,240 m ³
Drill Water	1,450 m ³
Potable Water	770 m ³
Active Liquid Mud	398 m ³
Reserve Liquid Mud	1,815 m ³
Bulk Bentonite / Barite	420 m ³
Bulk Cement	420 m ³
Sack Storage (50 LB Sacks)	5,000 Sacks

DRILLING PACKAGE

Derrick	AKMH Dual RAM Rig 46 m Tall
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Top Drives	Main: DDM-1000 Rated for 908 mt Hoisting Capacity, Max. Continuous Torque 78,100 nm Aux: DDM-650 Rated for 590 mt Hoisting Capacity, Max. Continuous Torque 57,500 nm
Rotary Table	Main: Wirth 153.7 cm Aux: Wirth 125.73 cm
Compensator	RAM Compensation Rated for 680 mt (Main) and 340 mt (Aux) Compensated / 907 mt Static
Tubular Handling	MH Hi-Pro Automated Racking System
Mud Pumps	4 x Wirth TPK 2,000 HP
HP Mud System	Rated for 517 Bar
Shale Shakers	5 x MI Swaco BEM 650

SUBSEA EQUIPMENT

BOP	1 x Cameron TL 5 RAM 1,034 Bar
Annular	2 x Cameron DL 47.625 cm 689 Bar
Diverter	VETCO KFDS 34.5 Bar Max. Bore 1.5367 m
Wellhead Connector	Cameron C-Pro
Riser	Cameron LK 3.5 22.86 m Length 0.5334 m OD 10.16 ID Boost Line
Tensioners	6 x AKMH DATs Max. Capacity EA 242 mt, 16.15 m Stroke

CRANES

Pedestal Cranes	2 x NOV Rated for 80 mt at 7.9 m and 29.5 mt at 47.3 m
Pipe Handling Crane	AKMH / Gantry Crane 4.5 T
X-Mas Tree Handling	2 x Dreggen Overhead 50 mt EA, 100 mt Total

POWER

Main Engines	4 x Wartsila 4,400 kW at 720 RPM
Main Generators	4 x ABB 5,384 kW at 720 RPM at 0.8 P.F.
Emergency Power	Main Engines Classified as Emergency Power

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