

## West Castor

The West Castor is an independent Leg Cantilever Jackup with operational history in the North Sea.



### GENERAL (U.S.)

Built	2013 Jurong Shipyard, Singapore
Design	F&G JU2000 E
Flag/Class	Singapore / ABS
Helideck	S92 / MIL-17
Accommodations	140 Persons
Dimensions	231 ft Long / 250 ft Wide / 31 ft Deep
Draft	21 ft Transit
Displacement	24,642 st at Loadline
Variable Load	3,301 st Transit / 4,151 st Drilling
Max. Drilling Depth	30,000 ft
Max. Water Depth	Up to 400 ft
Legs	3 x 547 ft Triangular Truss / 479 ft Useable Below Hull
Leg Spacing	156.2 ft Transverse / 150 ft Longitudinal
Spudcans	59 ft Diameter
Jacking System	F&G VFD 750, 18 x Pinions / Leg
Mooring Winches	4 x EMS-MW-SD, 120 HP, 40 st Pull
Mooring Lines	4 x 3,000 ft 2" Diameter IWRC
Anchors	4 x EMS-MW-SD 30, 8.4 st

### STORAGE CAPACITIES

Fuel	4,150 bbl
Drill Water	9,875 bbl
Potable Water	3,460 bbl
Active/Reserve Liquid Mud	4,729 bbl
Base Oil	1,340 bbl
Brine	1,358 bbl
Bulk Bentonite / Barite	10,595 ft <sup>3</sup>
Bulk Cement	17,939 ft <sup>3</sup>
Sack Storage	5,000 Sacks

### DRILLING PACKAGE

Cantilever Envelope	75 ft x 30 ft
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Derrick	NOV Dresco 170 ft Tall with 40 ft x 40 ft Base 1,050 st Gross Nominal Capacity
Top Drive	NOV TDS-1000 Rated for 1,000 st Hoisting Capacity Max .Continuous Torque 62,250 ft-lbs
Drawworks	SSGD-1000 AC 6000 Hp w/ 2" Drill Line Max. Line Pull 12 Lines of 958 st
Rotary Table	NOV-RTS 495 3G, 49.5" Max. Opening
Tubular Handling	NOV / Hydratong-MPT-200 Iron Roughneck
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

### SUBSEA EQUIPMENT

BOP (HP)	NOV Shaffer 18-3/4" 2 x Double Ram 15,000 psi 1 x NOV Shaffer Spherical 18-3/4" 10,000 psi
Diverter	1 x KFDJ Vetco Gray Spherical 49.5" 500 psi
BOP Handling	1 x NOV 138 st Hoist
Choke & Kill Manifold	NOV 15,000 psi
Conductor Tensioning	PH Hydraulics 8 x Lift Points Total Tension 408 st

### CRANES

Primary Cranes	3X NOV Seatrax Series 72 Model w/ 120 ft Boom Rated for 27.5 st at 134.5 ft Radius, Port, STBD FWD and STBD AFT.
X-Mas Tree Handling	1X NOV 138 st Hoist

### POWER

Main Engines	5 x Caterpillar C175-16, 2,588 HP Diesel Engines
Main Generators	5 x ABB @ 1,872 kW
Emergency Power	1 x Caterpillar 3512 B, 1,424 HP Diesel Engine (Separate from 5 Main Engines)

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### GENERAL (METRIC)

Built	2013 Jurong Shipyard, Singapore
Design	F&G Ju2000 E
Flag/Class	Singapore / ABS
Helideck	S92 / Mil-17
Accommodations	140 Persons
Dimensions	70.4 m Long / 76.2 m Wide / 9.4 m Deep
Draft	6.4 m Transit
Displacement	22,355 mt at Loadline
Variable Load	2,995 mt Transit / 3,766 mt Drilling
Max. Drilling Depth	9,144 m
Max. Water Depth	Up to 122 m
Legs	3 x 167 m Triangular Truss / 146 m Useable Below Hull
Leg Spacing	47.6 m Transverse / 45.7 m Longitudinal
Spudcans	18 m Diameter
Jacking System	F&G VFD 750, 18 x Pinions / Leg
Mooring Winches	4 x EMS-MW-SD, 89.5 kW, 36.3 mt Pull
Mooring Lines	4 x 914.4 m 50.8 mm Diameter IWRC
Anchors	4 x EMS-MW-SD 30, 7.6 mt

### STORAGE CAPACITIES

Fuel	660 m <sup>3</sup>
Drill Water	1,570 m <sup>3</sup>
Potable Water	550 m <sup>3</sup>
Active/Reserve Liquid Mud	752 m <sup>3</sup>
Base Oil	213 m <sup>3</sup>
Brine	216 m <sup>3</sup>
Bulk Bentonite / Barite	300 m <sup>3</sup>
Bulk Cement	508 m <sup>3</sup>
Sack Storage	5,000 Sacks

### DRILLING PACKAGE

Cantilever Envelope	22.9 m x 9.1 m
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Derrick	NOV Dresco 51.8 m Tall with 12.2 m x 12.2 m Base 952.5 mt Gross Nominal Capacity
Top Drive	NOV TDS-1000 Rated for 907.2 mt Hoisting Capacity Max. Continuous Torque 84,400 nm
Drawworks	SSGD-1000 AC 6000 HP w/ 50.8 mm Drill Line Max. Line Pull 12 Lines of 869 mt
Rotary Table	NOV RST 495 3G, 1.26 m Max. Opening
Tubular Handling	NOV / Hydratong-MPT-200 Iron Roughneck
Mud Pumps	3 x NOV 14-P-220, 1,640.5 kW
HP Mud System	Rated for 517.1 Bar
Shale Shakers	5 x Brandt VSM 300

### SUBSEA EQUIPMENT

BOP (HP)	NOV Shaffer 47.62 cm 2 x Double RAM 1,034.2 Bar 1 x NOV Shaffer Spherical 47.62 cm 689.5 Bar
Diverter	1 x KFDJ Vetco Gray Spherical 125.7 cm 34.5 Bar
BOP Handling	1 x NOV 125.2 mt Hoist
Choke & Kill Manifold	NOV 1,034.2 Bar
Conductor Tensioning	PH Hydraulics 8 x Lift Points Total Tension 370 mt

### CRANES

Primary Cranes	3 x NOV Seatrax Series 72 Model w/ 36.6 m Boom Rated for 25 mt at 41 m Radius, Port, STBD FWD and STBD AFT.
X-Mas Tree Handling	1 x NOV 125.2 mt Hoist

### POWER

Main Engines	5 x Caterpillar C175-16, 1,930 kW Diesel Engines
Main Generators	5 x ABB, 1,872 kW
Emergency Power	1 x Caterpillar 3512 B, 1,062 kW Diesel Engine (Separate from 5 Main Engines from 5 Main Engines)

Further information: +47 51 30 90 00 – [www.seadrill.com](http://www.seadrill.com)

The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised October 2018.

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