

West Castor

The West Castor is an independent leg cantilever jack-up outfitted for offline activity with operational history in Southeast Asia and the Middle East.



GENERAL (U.S.)	
Built	2013 Jurong Shipyard, Singapore
Design	F&G JU2000 E
Flag/Class	Singapore / ABS
Dimensions	230 ft x 249 ft x 31 ft
Draft	22 ft (at loadline)
Displacement	25,779 st (at loadline)
Variable Load	3,301 st transit / 4,150 st drilling
Legs	3 x 547 ft / 479 ft usable
Leg Spacing	156 ft transverse / 150 ft longitude
Spud Cans	59 ft
Jacking System	18 x pinions per leg
Accommodations	140
Helideck	S92 14.3 st
Max. Water Depth	400 ft
Max. Drilling Depth	33,000 ft
Mooring Lines	4 x 2 in 3,000 ft
Mooring Winches	4 x 40 st
STORAGE CAPACITIES	
Fuel	3,502 bbl
Drill Water	9,266 bbl
Potable Water	4,232 bbl
Active Liquid Mud	1,500 bbl
Reserve Liquid Mud	3,265 bbl
Bulk Bentonite / Barite	9,005 ft ³
Bulk Cement	9,005 ft ³
Storage	5,000 sacks

DRILLING PACKAGE	
Derrick	1,050 st
Cantilever Envelope	75 ft x 30 ft
Top Drive	NOV TDS-1000 1,000 st
Drawworks	SSGD-1000 6,000 hp 958 st
Rotary Table	49.5 in
Tubular Handling	NOV MPT Hydratong
Mud Pumps	3 x NOV 14-P-220 2,200 hp
HP Mud System	7,500 psi
Shale Shakers	5 x Brandt VSM 300
WELL CONTROL EQUIPMENT	
BOP	18-3/4" 2 x Double Ram 15,000 psi
Annular	18-3/4" 1 x Annular 10,000 psi
Diverter	Vetco KFDJ 500 49.5 in 500 psi
MPD	Not outfitted
Conductor Tensioners	PH Hydraulics 408 st
CRANES	
Primary Cranes	3 x Seatrax Series 72 82.5 st
X-mas Tree Crane	1 x BOP hoist 137.5 st
POWER	
Main Engines	5 x Caterpillar C175-16 2,588 hp
Main Generators	5 x ABB 2,463 hp
Emergency Power	1 x Caterpillar 3512 B 1,400 hp
OFFLINE ACTIVITY	
2 x mouseholes w/ NOV HR-III and NOV ARN-200 hydratong for racking up to 13-5/8" casing	

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GENERAL (METRIC)

Built	2013 Jurong Shipyard, Singapore
Design	F&G JU2000 E
Flag/Class	Singapore / ABS
Dimensions	70.4m x 76.2 m x 9.4 m
Draft	6.8 m (at loadline)
Displacement	23,387 mt (at loadline)
Variable Load	2,995 mt transit / 3,766 mt drilling
Legs	3 x 167 m / 146 m usable
Leg Spacing	47.6 m transverse / 45.7 m longitude
Spud Cans	18 m
Jacking System	18 x pinions per leg
Accommodations	140
Helideck	S92 13 mt
Max. Water Depth	122 m
Max. Drilling Depth	10,000 m
Mooring Lines	4 x 50.8 mm 900 m
Mooring Winches	4 x 36 mt

STORAGE CAPACITIES

Fuel	557 m ³
Drill Water	1,470 m ³
Potable Water	670 m ³
Active Liquid Mud	180 m ³
Reserve Liquid Mud	520 m ³
Bulk Bentonite / Barite	250 m ³
Bulk Cement	250 m ³
Storage	5,000 sacks

DRILLING PACKAGE

Derrick	907 mt
Cantilever Envelope	22.9 m x 9.1 m
Top Drive	NOV TDS-1000 907 mt
Drawworks	SSGD-1000 4,560 kW 870 mt
Rotary Table	1.26 m
Tubular Handling	NOV MPT Hydratong
Mud Pumps	3 x NOV 14-P-220 1,640 kW
HP Mud System	517 bar
Shale Shakers	5 x Brandt VSM 300

WELL CONTROL EQUIPMENT

BOP	47.6 cm 2 x Double Ram 1,034 bar
Annular	47.6 cm 1 x Annular 1,034 bar
Diverter	Vetco KFDJ 500 1.26 m 34 bar
MPD	Not outfitted
Conductor Tensioners	PH Hydraulics 370 mt

CRANES

Primary Cranes	3 x Seatrax Series 72 75 mt
X-mas Tree Crane	1 x BOP hoist 125 mt

POWER

Main Engines	5 x Caterpillar C175-16 2,000 kW
Main Generators	5 x ABB 1,871 kW
Emergency Power	1 x Caterpillar 3512 B 1,060 kW

OFFLINE ACTIVITY

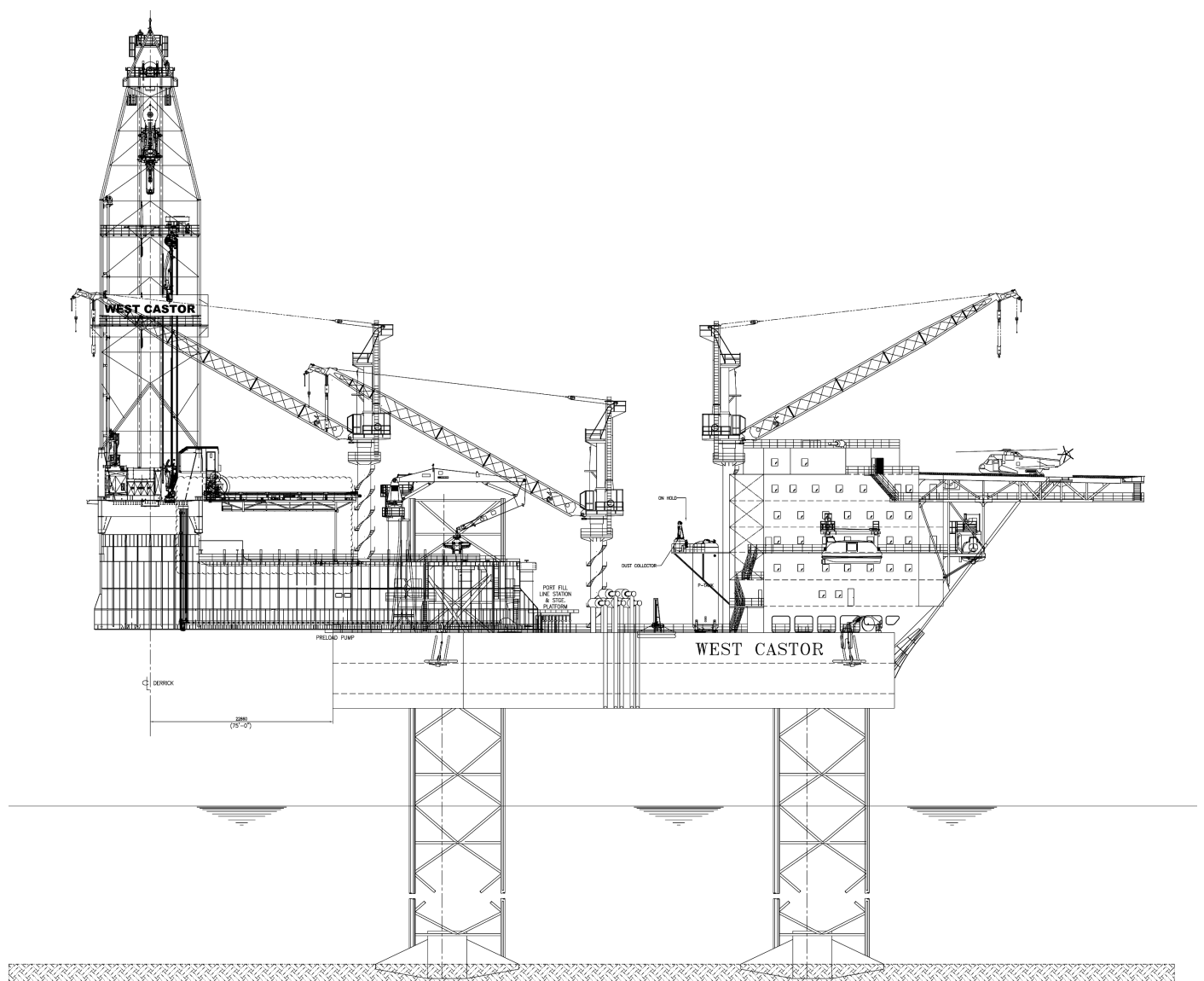
2 x mouseholes w/ NOV HR-III and NOV ARN-200 hydratong for racking up to 339 mm casing

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West Castor General Arrangement – Side View



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West Castor General Arrangement – Top View

