

## West Hercules

The West Hercules is a 6th Generation Ultra-Deepwater Semi-Submersible drilling rig capable of operations in both Harsh and Benign environments.



### GENERAL (U.S.)

Built	2008 DSME
Design	GVA 7500
Flag/Class/Notations	Panama / DNV / 1A1, DP3
Helideck	Sikorsky S61N & S92
Accommodations	180 Persons
Dimensions	386.8 ft Long / 317.3 ft Wide
Draft	75 ft Drilling / 32.6 ft Transit
Displacement	57,304 st Drilling / 41,876 st
	Transit
	5,730 st Drilling / 4,188 st
Vasiable Load	Transit
	35,000 ft
Vasiable Load	10,000 ft Designed / Outfitted
Max. Drilling Depth	2008 DSME
Max. Water Depth	GVA 7500

### STATION KEEPING

Dynamic Positioning	Dynpos Auto, Posmoor ATA, DP Class 3
Thrusters	8 x Rolls Royce 4,694 HP Azimuthing Up to 7 Knots
Transit Speed	Up to 11.5 Knots
Mooring Lines	4 x Double Pusnes 603 HP
Mooring Winches	8 x 5,577 ft 3.3" Chain

### STORAGE CAPACITIES

Fuel	21,309 bbl
Drill Water	16,416 bbl
Potable Water	3,283 bbl
Active Liquid Mud	5,202 bbl
Reserve Liquid Mud	11,598 bbl
Bulk Bentonite / Barite	21,895 ft3
Bulk Cement	9,888 ft3
Sack Storage	7,500 Sacks

### POWER

Derrick	8 x Wartsila 6,312 HP
Top Drive	8 x ABB 6,312 HP

### DRILLING PACKAGE

Derrick	AKMH 203 ft Tall with 46 ft x 52 ft Base Gross 2,000,000 lbs
Top Drive	DDM 1000 Rated for 1,000 st 2 x 1,150 HP. Max. Continuous Torque 94,800 ft-lbs at 125 RPM
Drawworks	Wirth GH 4500 w/ 2" Drill Line Max. Line Pull 14 Lines of 2,284,000 lbs
Rotary Table	Wirth RTSS 60 1/2"
Compensator	MH Crown Mounted Rated for 1,000,000 lbs Compensated, 2,000,000 lbs Static
Tubular Handling	MH Hi-Pro Automated Racking System
Offline Capability	Offline Stand Building Arm / SBHRN
Mud Pumps	4 x Wirth TPK 7-1/2" x 14" 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x Swaco BEM 650

### WELL CONTROL

BOP	1 x Cameron 18 3/4" 5 RAM 15,000 psi
Annular	2 x Cameron DL 18 3/4" 10,000 psi
Diverter	Hydril 59-1/2"
Wellhead Connector	Vetco 15K, H4 Profile Dressed for 18 3/4" Wellhead
Riser	Cameron LK 75 ft Length 21" OD, 4" ID Boost Line
Tensioners	6 x MH DATs Max. Total Tension Applied at Ring 1,800 st, 50 ft Stroke
Wellhead connector	Cameron SHD C-Pro VX

### CRANES

Pedestal Cranes	2 x Liebherr Bos 4200-80
Pipe Handling Crane	1 x AKMH Rated for 16 st at 49-82 ft Radius
X-Mas Tree Handling	4 x 83 st SWL Skids for Storage and Stack up on Cellar Deck on X-Mas Tree Skid of 220 st SWL

### OTHER INFORMATION

Winterized / Harsh Environment	
--------------------------------	--

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.

## West Hercules

The West Hercules is a 6th Generation Ultra-Deepwater Semi-Submersible drilling rig capable of operations in both Harsh and Benign environments.



### GENERAL (METRIC)

Built	2008 DSME
Design	GVA 7500
Flag/Class/Notations	Panama / DNV / 1A1, DP3
Helideck	Sikorsky S61N & S92
Accommodations	180 Persons
Dimensions	117.9 m Long / 96.7 m Wide
Draft	23 m Drilling / 9.94 m Transit
Displacement	52,000 mt Drilling / 38,000 mt Transit
Vasiable Load	5,200 mt Drilling / 3,800 mt Transit
Max. Drilling Depth	10,670
Max. Water Depth	3,000 m Designed/Outfitted

### STATION KEEPING

Dynamic Positioning	Dynpos Auto, Posmoor ATA, DP Class 3
Thrusters	8 x Rolls Royce 3,500 kW Azimuthing
Transit Speed	Up to 3.6 M/S
Mooring Lines	4 x Double Pusnes 450 kW
Mooring Winches	8 x 1,700 m 84 mm Chain

### STORAGE CAPACITIES

Fuel	3,388 m <sup>3</sup>
Drill Water	2,610 m <sup>3</sup>
Potable Water	522 m <sup>3</sup>
Active Liquid Mud	827 m <sup>3</sup>
Reserve Liquid Mud	1,844 m <sup>3</sup>
Bulk Bentonite / Barite	620 m <sup>3</sup>
Bulk Cement	280 m <sup>3</sup>
Sack Storage	7,500 Sacks

### POWER

Main Engines	8 x Wartsila 4,707 kW at 800 RPM
Main Generators	8 x ABB 4,707 kW
Emergency Power	Main Generators Classified as Emergency Generators

### DRILLING PACKAGE

Derrick	AKMH 62 m Tall with 14 m x 16m Base Gross 907 mt
Top Drive	MH DDM 1000 Rated for 907 mt 2 x 858 kW. Max. Continuous Torque 128,000 nm at 125 RPM
Drawworks	Wirth Gh 4500 w/ 50.8 mm Drill Line Max. Line Pull 14 Lines of 1,036 mt
Rotary Table	Wirth RTSS 153.7 cm
Compensator	MH Crown Mounted Rated for 454 mt Compensated, 907 mt Static
Tubular Handling	MH Hi-Pro Automated Racking System
Offline Capability	Offline Stand Building Arm / SBHRN
Mud Pumps	4 x Wirth TPK 1,640 kW
HP Mud System	Rated for 517 Bar
Shale Shakers	6 x Swaco BEM 650

### WELL CONTROL

BOP	1 x Cameron 47.625 cm 5 RAM 1,034 Bar
Annular	1 x Cameron DL 47.625 cm 689 Bar
Diverter	Hydril 151.13 cm
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 1,633 mt, 15.24 m Stroke
Wellhead Connector	Cameron SHD C-Pro VX

### CRANES

Pedestal Cranes	2 x Liebherr Bos 4200-80
Pipe Handling Crane	1 x AKMH Rated for 15 mt at 15-25 m Radius
X-Mas Tree Handling	4 x 75 mt SWL Skids for Storage and Stack Up on Cellar Deck on. X-Mas Tree Skid of 200 mt SWL

### OTHER INFORMATION

Winterized/Harsh Environment	
------------------------------	--

## West Hercules

The West Hercules is a 6th Generation Ultra-Deepwater Semi-Submersible drilling rig capable of operations in both Harsh and Benign environments.

