

West Elara

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



GENERAL (U.S.)

Built	2011 Jurong, Singapore
Design	Gusto MSC CJ70-X150 Independent Leg Cantilever
Flag/Class	Norway / DNV
Helideck	S61N / EH 101
Accommodations	120 Persons
Dimensions	291 ft Long / 319 ft Wide / 39 ft Deep
Draft	26.25 ft Transit
Displacement	22,591 st Elevated / 32,664 st Afloat
Variable Load	4,408 st Transit / 11,020 st Drilling
Max. Drilling Depth	35,000 ft
Max. Water Depth	Up to 492 ft
Legs	3 x 673 ft Triangle / 581 ft Useable Below Hull
Leg Spacing	230 ft Transverse / 199 ft Longitudinal
Spudcans	75.5 ft Diameter
Jacking System	Gusto MSC Type 900 3 x 18 Pinions
Mooring Winches	4 x Brohl 87 HP Winches
Mooring Lines	4 x Kiswire Korea Wire 2.24 in Diameter 40,551 ft Useful Length
Anchors	4 x Stevpris MK5 6.6 st

STORAGE CAPACITIES

Fuel	12,944 bbl
Drill Water	22,423 bbl
Potable Water	3,705 bbl
Active/Reserve Liquid Mud	10,743 bbl
Base Oil	3,824 bbl
Brine	5,592 bbl
Bulk Bentonite / Barite	10,594 ft3
Bulk Cement	7,062 ft3
Sack Storage	4,160 Sacks

DRILLING PACKAGE

Cantilever Envelope	100 ft x 65.6 ft
---------------------	------------------

Derrick	TTS Holanda 236 ft Tall with 48 ft x 40 ft Base 1,100 st Gross Nominal Capacity
Top Drive	Sense Rated for 1,000 st Hoisting Capacity Max. Continuous Torque 98,000 ft-lbs
Drawworks	Sense Ultra Hoist 1250-5600 w/ 2" Drill Line Max. Line Pull 937 st
Rotary Table	Wirth TSS 49.5" Max. Opening
Tubular Handling	Sense Automated Pipe Handling
Mud Pumps	3 x Wirth TPK 7.5" x 14" 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	8 x BEM 650

SUBSEA EQUIPMENT

BOP (HP)	Hydril 18 3/4" 4 x RAM 15,000 psi 1 x Hydril Gx 18 3/4" Annular 10,000 psi
Diverter	VETCO Gray KFDJ 500 psi
BOP Handling	2 x Sense 120 st Hoist
Choke & Kill Manifold	WOM 15,000 psi
Conductor Tensioning	Icon 4 x Lift Points Total Tension 441 st

CRANES

Primary Cranes	3 x NOV OC3500LE 164 ft Boom Rated for 88 st @ 25.6 ft Radius
X-Mas Tree Handling	2 x Sense 66.12 st Hoist

POWER

Main Engines	4 x Cat C280-12, 4,644 BHP Diesel Engines
Main Generators	4 x Leroy Somer LSA M56 xl 10-8P
Emergency Power	Main Generators Classified as Emergency Generators

OTHER

Harsh Environment
Segregated Dual Mud System
Proven HP/HT Drilling
Outfitted for MPD Operations