

WEST TUCANA

The West Tucana is an independent Leg Cantiever Jackup with operational history offshore Vietnam and West Africa.



GENERAL (U.S.)

Built	2011 -2012 Jurong Shipyard
Design	Friede & Goldmn JU 2000 E
Flag/Class	Panama / ABS
Helideck	M1-17 or similar
Accommodations	140 Persons
Dimensions	343 ft Long / 250 ft Wide / 31 m Deep
Draft	21 ft Transit
Displacement	22,355 st at 10.76 ft Draft
Variable Load	3,300 st Transit / 4,150 st Drilling
Max. Drilling Depth	35,000 ft
Max. Water Depth	Up to 400 ft
Legs	3 x 547 ft Triangle / 478 ft Useable Below Hull
Leg Spacing	156.2 ft Transverse / 150 ft Longitudinal
Spudcans	59 ft Diameter
Jacking System	F&G 54 x Pinions 3 x Cords / Leg
Mooring Winches	4 x 2 Speed Winches
Mooring Lines	4 x 3,044 ft, 6x36, IWRC, EPIS, 2 IN
Anchors	4 x 3 st EMS-MW-SD-30

STORAGE CAPACITIES

Fuel	3,911 bbl
Drill Water	9,266 bbl
Potable Water	4,232 bbl
Active/Reserve Liquid Mud	4,397 bbl
Base Oil	1,724 bbl
Brine	1,724 bbl
Bulk Bentonite / Barite	9,005 ft ³
Bulk Cement	9,005 ft ³
Sack Storage	4,900 Sacks

DRILLING PACKAGE

Cantiever Envelope	75 ft x 30 ft
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Derrick	NOV Drecto 170 ft Tall with 40 ft x 40 ft Base
Top Drive	NOV TDS-1000 Rated for 1,000 st Hoisting Capacity
Drawworks	SSGD-1000-6000-48-82-9 with 2" Drill Line
Rotary Table	NOV-RTS 495 3G Hyrdraulic, 49.5" Max. Opening
Tubular Handling	NOV / Hydratong-MPT-200
Catwalk Machine	45 ft NOV CWS-P10-45HS
Automated Pipe Handling	NOV Hydraracker HR-11
Mud Pumps	3 x NOV 14-p-220-HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	5 x Brandt VSM 300

POWER

Main Engines	5 x Cat C175-16/E924, 2588 HP Diesel Engines
Main Generators	5 x ABB @ 1,872 kW
Emergency Power	1 x CAT 3512B 1424 HP Diesel Engine (Seperate from 5 Main Engines)

WELL CONTORL

BOP (Annular)	1 x Shaffer NST Spherical 18 3/4" 10,00 psi
BOP (RAMS)	2 x Double Ram Type Preventers 18 3/4" 15,000 psi
Diverter	1 x Vetco MDL 500, 49.5" 500 psi
BOP Handling	NOV Skid, Crane and, Handling Crane - 125 st
Choke & Kill Manifold	3-1/16" Shaffer 15,000 psi, H2S Rated
Conductor Tesioning	PH Hydraulics 8 x Lift Points Total Tension 408 st

CRANES

Primary Cranes	3 x Seatrax 72 - 120 ft Boom Rated for 82.65 st @ 23 ft Radius
X-Mas Handling	1 x NOV Knuckle Boom rated for 13.2 st

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GENERAL (METRIC)

Built	2011 -2012 Jurong Shipyard
Design	Friede & Goldmn JU 2000 E
Flag/Class	Panama / ABS
Helideck	M1-17 or similar
Accommodations	140 Persons
Dimensions	104.5 m Long / 76.2 Wide / 9.4 m Deep
Draft	6.4 m Transit
Displacement	24,635 st at 3.28 ft Draft
Variable Load	2,995 mt Transit / 3,766 mt Drilling
Max. Drilling Depth	10,668 mt
Max. Water Depth	Up to 121.92 m
Legs	3 x 166.7 m Triangular / 145.7 m Useable Below Hull
Leg Spacing	47.6 m Transverse / 45.7 ft Longitudinal
Spudcans	18 m Diameter
Jacking System	F&G 54 x Pinions 3 x Cords / Leg
Mooring Winches	4 x 2 Speed Winches
Mooring Lines	4 x 927.8 m, 6x36, IWRC, EPIS, 50.8mm
Anchors	4 x 11.79 mt EMS-MW-SD-30

STORAGE CAPACITIES

Fuel	623 m ³
Drill Water	1,473 m ³
Potable Water	673 m ³
Active/Reserve Liquid Mud	699 m ³
Base Oil	274 m ³
Brine	274 m ³
Bulk Bentonite / Barite	255 m ³
Bulk Cement	255 m ³
Sack Storage	4,900 Sacks

DRILLING PACKAGE

Cantilever Envelope	22.86 m x 9.14 m
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Derrick	NOV Drecto 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 907.185 mt Hoisting Capacity Max. continuous torque 84,400 nm
Drawworks	SSGD-1000-6000-48-82-9 with 50.8 mm Drill Line
Rotary Table	NOV-RTS 495 3G Hydraulic, 1,257.3 mm Max. Opening
Tubular Handling	NOV / Hydratong-MPT-200
Catwalk Machine	13.7 m NOV CWS-P10-45HS
Automated Pipe Handling	NOV Hydraracker HR-11
Mud Pumps	3 x NOV 14-p-220
HP Mud System	Rated for 517.1 bar
Shale Shakers	5 x Brandt VSM 300

POWER

Main Engines	5 x Cat C175-16/E924, 1929.87 Kw Diesel Engines
Main Generators	5 x ABB @ 1,872 kW
Emergency Power	1 x CAT 3512B 1061.87 kW Diesel Engine (Seperate from 5 Main Engines)

WELL CONTORL

BOP (Annular)	1 x Shaffer NXT Spherical 476.25 mm 689.5 bar
BOP (RAMS)	2 x Double Ram Type Preventers 476.25 mm 1,034 bar
Diverter	1 xVetco MDL 500, 1257.3 mm 34.47 bar
BOP Handling	NOV Skid, Crane and, Handling Crane 113.4 mt
Choke & Kill Manifold	77.78 mm Shaffer 1,034 bar, H2S Rated
Conductor Tesioning	PH Hydraulics 8 x Lift Points Total Tension 370.13 mt

CRANES

Primary Cranes	3 x Seatrax Model 72 36.58 m Boom Rated for 75 mt @ 7 m Radius
X-Mas Handling	1 x NOV Knuckle Boom rated for 12 mt

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