

TITANIA FE

The Titania FE is an Independent leg cantilever Jack-Up with operational history in the Gulf of Mexico.



GENERAL (U.S)

Built	2014 Dalian Shipyard, China
Design	F&G JU2000E
Flag/Class	Singapore / ABS
Helideck	S92
Accommodations	140 Persons
Dimensions	231 ft Long / 249 ft Wide / 31 ft Deep
Draft	22 ft Transit
Displacement	25,347 st at Loadline
Variable Load	3,301 st Transit / 7,250 st Drilling
Max. Drilling Depth	30,000 ft
Max. Water Depth	Up to 400 ft
Legs	3 x 548 ft Triangular Truss / 479 ft Useable Below Hul
Leg Spacing	156.2 ft Transverse / 150 ft Longitudinal
Spudcans	59 ft Diameter
Jacking System	F&G, 18 x Pinions /Leg
Mooring Winches	4 x Pellegrini At40000/E, 120 HP 44st Pull
Mooring Lines	4 x 3,000 Ft 2" Diameter IWRC
Anchors	4 x Flipper-Delta, 8.27 st

STORAGE CAPACITIES

Fuel	4,076 bbl
Drill Water	8,289 bbl
Potable Water	3,428 bbl
Active Liquid Mud	5,258 bbl
Reserve Liquid Mud	5,258 bbl
Base Oil	1,340 bbl
Brine	1,340 bbl
Bulk Bentonite / Barite	9,180 ft ³
Bulk Cement	9,180ft ³
Sack Storage	5,000 Sacks

DRILLING PACKAGE

Cantilever Envelope	75 ft x 30 ft
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Derrick	TTS, Type DD-1000 III, 210 ft Tall with 40 ft Base 1050 st Gross Nominal Capacity
Top Drive	TTS-STD 1000 AC Rated for 1000 st Hoisting Capacity Max. continuous torque 98,000 ft-lbs
Drawworks	TTS, Ultrahoist SG 1060-6000 w/ 2" Drill Line Max. line pull 16 Lines of 1,060 st
Rotary Table	TTS-HYD Powered, 49.5" Max. Opening"
Tubular Handling	TTS-JIM 10T LR Iron Roughneck
Mud Pumps	3 x AKER Wirth, TPK-2200, 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	4 x MI SWACO MD-3

POWER

Main Engines	6 x Caterpillar 3516C HD 2,150 HP Diesel Engines
Main Generators	6 x Caterpillar SR4b 2,057 HP
Emergency Power	1 x Caterpillar C-32 1,207 HP Diesel Engine (Separate From 6 Main Engines)

WELL CONTROL

Bop (Hp)	Cameron 18-3/4" 4 x Ram 15,000 Psi 1 x Cameron Spherical 18-3/4" 10,000 Psi
Diverter	1 x KFDJ Vetco Gray Spherical 49.5" 500 PSI
Bop Handling	2 x TTS 75 st Hoist
Choke & Kill Manifold	Cameron 15,000 PSI
Conductor Tensioning	TSC 8 x Lift Points Total Tension 300 st

CRANES

Primary Cranes	3 x Liebherr CBO 3600-75 120 ft Boom Rated for 35.3 st at 120 ft Radius, Port, STBD FWD AND STBD AFT
Xmas Tree Handling	2 x TTS 75 st hoist

Further information: +52 938 120 24 23

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GENERAL (METRIC)

Built	2014 Dalian Shipyard, China
Design	F&G JU2000E
Flag/Class	Singapore / ABS
Helideck	S92
Accommodations	140 Persons
Dimensions	70.4 m Long / 76 m Wide / 9.4 m Deep
Draft	6.7 m Transit
Displacement	22,994.4 mt at Loadline
Variable Load	2,995 mt Transit / 5,577 mt Drilling
Max. Drilling Depth	9,144 m
Max. Water Depth	Up to 121.9 m
Legs	3 x 166.9 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, 18 x Pinions /Leg
Mooring Winches	4 x Pellegrini At40000/E, 89.5 Kw 40 mt Pull
Mooring Lines	4 x 914.4 m 50.8 mm Diameter IWRC
Anchors	4 x Flipper-Delta, 7.5 mt

STORAGE CAPACITIES

Fuel	648 m ³
Drill Water	1,318 m ³
Potable Water	545 m ³
Active Liquid Mud	836 m ³
Reserve Liquid Mud	836 m ³
Base Oil	213 m ³
Brine	213 m ³
Bulk Bentonite / Barite	260 m ³
Bulk Cement	260 m ³
Sack Storage	5,000 Sacks

DRILLING PACKAGE

Cantilever Envelope	22.9 m x 9.1 m
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Derrick	TTS, Type DD-1000 III, 64 m Tall with 12.2 m x 12.2 m base 952.5 mt gross nominal capacity
Top Drive	TTS-STD 1000 AC Rated for 907.2 mt Hoisting Capacity Max. continuous torque 84,400 Nm
Drawworks	TTS, Ultrahoist SG 1060-6000 w/ 50.8 mm Drill Line Max. line pull 16 Lines of 961.6 mt
Rotary Table	TTS-HYD Powered, 1.26 m Max. Opening"
Tubular Handling	TTS-JIM 10T LR Iron Roughneck
Mud Pumps	3 x AKER Wirth, TPK-2200, 1640.5 kW
HP Mud System	Rated for 517 bar
Shale Shakers	4 x MI SWACO MD-3

POWER

Main Engines	6 x Caterpillar 3516C HD 1,603 kW Diesel Engines
Main Generators	6 x Caterpillar SR4B 1,534 kW
Emergency Power	1 x Caterpillar C-32 900 kW Diesel Engine (Separate From 6 Main Engines)

WELL CONTROL

Bop (Hp)	Cameron 47.62 4 x Ram 1,034 bar 1 x Cameron Spherical 125.7 cm 34.5 bar
Diverter	1 x KFDJ Vetco Gray Spherical 125.7cm 34 bar
Bop Handling	2 x TTS 68 mt Hoist
Choke & Kill Manifold	Cameron 1,034 bar
Conductor Tensioning	TSC 8 x Lift Points Total Tension 272.2 mt

CRANES

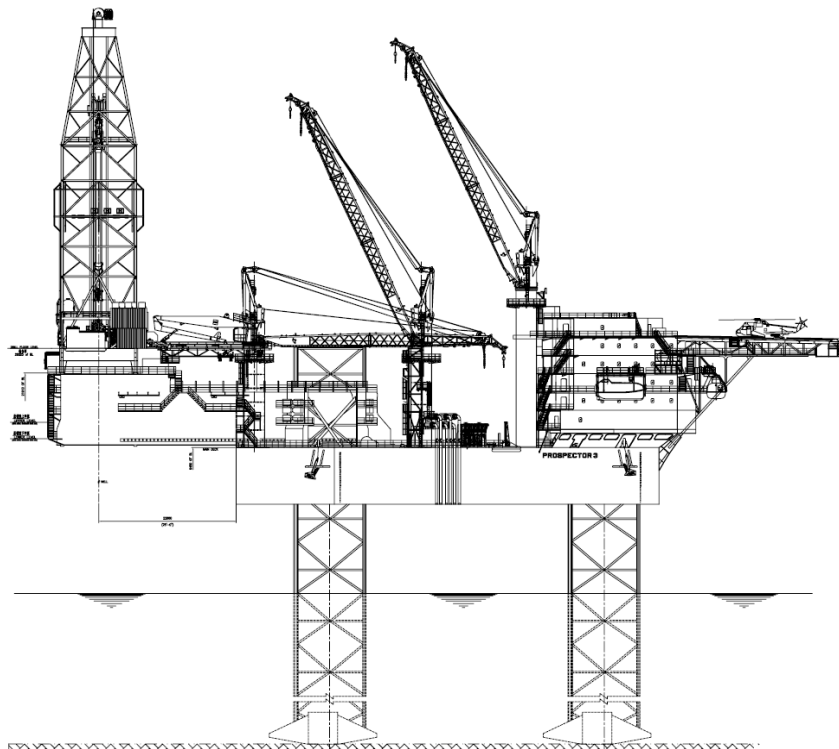
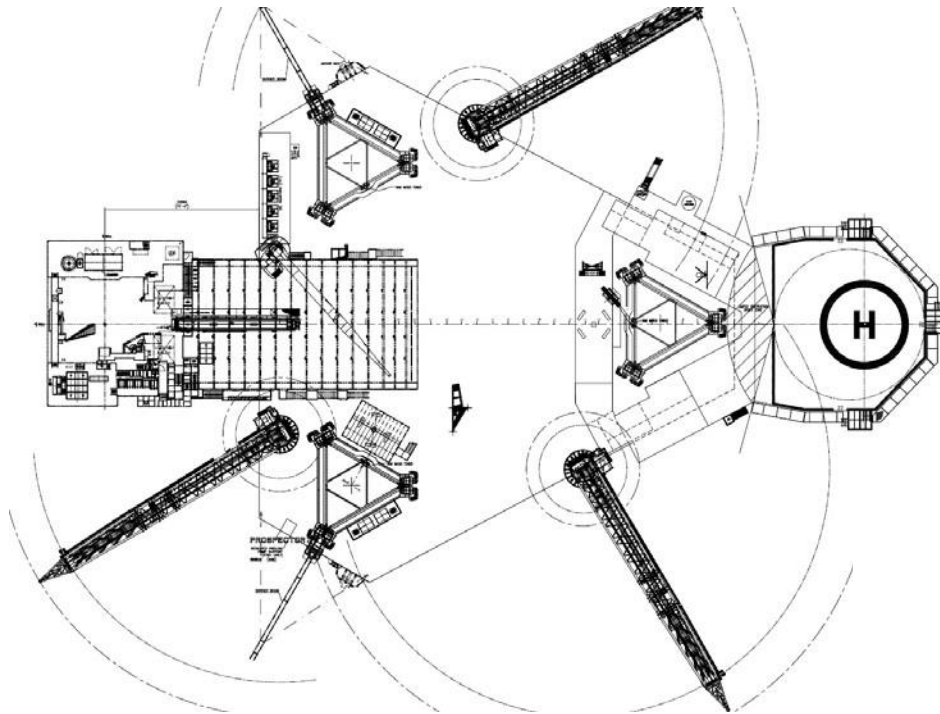
Primary Cranes	3 x Liebherr CBO 3600-75 36.6 m Boom Rated for 32.2 mt at 36.6 m Radius, Port, STBD FWD AND STBD AFT
Xmas Tree Handling	2 x TTS 68 mt hoist

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