



Multipurpose Rig With 150 MT Crane

Technical Specification sheet

General Application

Rig is a multipurpose four truss legged unit, good for restricted operations up to 45m water depths. The unit can perform services as JU accommodation Support During offshore Constrution and Platform Maintenance, Offshore Hook-up works Commissioning support etc.

Main Particulars

Hull

Hull length	-	53.042m
Hull Breadth	-	49.54m
Hull Depth	-	5.486m
Hull Draft	-	3.033m
Load Line Draft	-	3.680m

Jacking system

Number	-	3 x 6 = 18 pinions
Type	-	Rack and Pinion, Fixed type
Power	-	Electrohydraulic , Hydraulic Motor
Normal Jacking	-	100 MT/pinion
Preload Jacking	-	125 MT/ pinion
Static Holding Capacity	-	545 MT/pinion
Jacking Speed	-	1.5 ft/min at Full variable load

Legs

Number	-	3 legs
Type	-	Truss type
Leg Length	-	79 m (Approx 216 ft) for 45m water depth
Footing Area	-	3 x 78 m ²

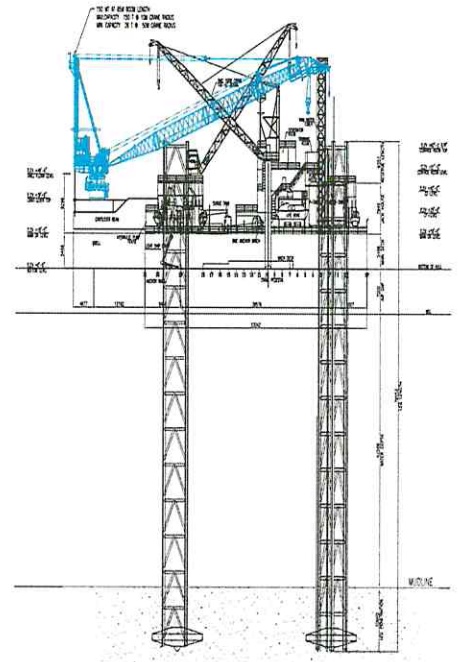
Classification

ABS:  A1 Mobile Offshore – Self elevating Unit unrestricted Services

Accommodation

Fully air-conditioned permanent accommodation for 87 men

• 9 x 6 men cabins	-	54
• 4 x 4 men cabins	-	16
• 6 x 2 men cabins	-	12
• 1 x 5 men cabins	-	5
Total Accommodation Capacity	-	87



Elevated view impression



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Deck Area /storage

Clear Deck area - 800 m²

Power Plant

Main Generators - 4 x CAT- 3512B/SR4B 6P6-866 1478 HP@1200 RPM, 1050 KW X 1200 KVA

Emergency Generators - 1 xCAT- D-399 TA /GE, 1215 HP @1200 RPM/ 1200 KW x 1500 KVA

Cranes

Main Crane Pedestal / Crawler Crane - 150 MT at 65m Boom Length
 Max.Capacity 150 T @ 10m Crane Radius
 Min. Capacity 26 T @ 50m Crane Radius

Auxiliary Crane - 2 x 36.8 MT at 30m Boom Length (Port & STBD)
 Max. Capacity 36.8 T @ 6.8m crane Radius
 Min. Capacity 8.1 T @ 31 m crane Radius

Storage Capacities

Fuel Oil - 215 MT

Fresh water - 200 MT

Helideck

Max Helicopter - Sikorsky S-61 or equal

Size (Dia) - 18.8 m

MTOW - 9.2 MT

Design Criteria

The unit is meant for restricted operations and is designed to withstand the following combinations of loads:

(a) Elevation Conditions

Design criteria	Survival Condition
Max Water Depth	45.7m
Air gap	13.7m
Max Wave Height	7.3m
Surface Current	2 knots
Wind speed (max)	70 knots
Leg Penetration	7m