

SURF SUPPORTER

MT6012 MK II MULTI ROLE ROV AND SUPPORT VESSEL



Key Features

- 100 beds/ SPS
- 150T AHC Crane
- Deck Area 800m²

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MT6012 MK II MULTI ROLE ROV AND SUPPORT VESSEL

Class Notation	DNV: +1A1- EO, SSC, Dynpos - AUTR Clean, Comf - V(3), Helideck, DK(+) Naut (OSV)
Place of Build	Mazgaon Dock Limited, India
Year of Build	2014
Flag	Marshall Islands
IMO	9483059

Main Particulars

Design	MT 6012 MK II
LOA	100.05 m
Breadth	22.20 m
Depth	7.70 m
Max Loaded Draft	6.30 m

Performance

Trial Speed	13.50 knots
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Capacities

Deadweight	3596 tons
Gross Tonnage	5113 tons
Net Tonnage	1534 tons
Cargo Deck Dim.	50 m x 15.85 m
Deck Area	800 m ²
Deck Strength	5-10 t/ m ²
Anti Heeling	560 m ³
Ballast Water	3345 m ³
Potable / Fresh Water	620 m ³
Fuel Oil	1700 m ³
Lubricating Oil	40 m ³
Freezer Room	Available
Cooler Room	Available

Deck Equipment

Capstans	2 x 10 tons hydraulic mooring
Tugger Winch	2 x 15 Tons hydraulic
Deck Crane	2 x 5T @ 15 m radius
Cargo Securing Winch	6 x 3 T *

Special Operation Features

ROV Handling Capability	Launching / Recovery Area P&S
Moonpool	6 m x 6.6 m

Discharge

Fresh Water	1 x 0-200 m / hr @ 9 bar
Ballast / Drill Water	2 x 0-200 m / hr @ 9 bar
Anti Heeling System	2 x 1200 m / hr @ 1.2 bar
Fuel Oil	2 x 0-250 m / hr @ 9 bar

Propulsion and Machinery

Electric Driven: Power	2 X 2600 kW, 2 X 1480 kW
Electric Driven: Type	2 x Wartsila 8L26 + 2 x Wartsila 8L20
Propellers	2 x Fixed Pitch Azimuth Electric driven, 2600 kw, 2800 mm (dia)
System Voltage	690 V / 440 V / 220 V

Thruster

Bow 1	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 2	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 3	1 x 1050 kw / 900 rpm CPP, Tunnel

Auxiliary Engines

Emergency Generator	1 x diesel 265 kw, 1800 rpm
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Accommodation

Single Berth Cabins	24
Double Berth Cabins	30
Four Berth Cabins	4
Total Accommodation	100 – Fully Air-Conditioned
Hospital	Yes
Day Room	2 - 36 Seats *
Additional Work Rooms	Workshop, Gymnasium
ROV Control Room	1
ROV Workshop	1
Conference Room	2
ROV Offices	2

Anchoring Equipment

Windlass	2 x electric driven for anchor / mooring
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Dynamic Positioning System

DP System	Kongsberg K Pos DP 21
References	3 x DGPS / 1 x Glonass 1 x Hipap 500 1 x Taut Wire System

Offshore Crane

On Single Fall:	100T
Maximum Lift	Single Fall 100 tons @15 m Double Fall 150T @ 10 m
Maximum Outreach	32 m @ 25T
Subsea Capability	40 tons @ 3000 m Depth
Type	Hydramarine Crane Active Heave Compensated

Helicopter Deck

Diameter	22.2 m
Suitable For	Sikorsky S92 or Equivalent

Regulatory Compliance

SPS Code 2008 -	100
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