

5000 DWT ECO BULK CARRIER (HYBRID PROPULSION)



General

Yard No. : 250
 Delivery Year : 2022
 Basic Functions : Transport of Bulk cargo, Grain, Timber, unit loads and containers
 Classification : DNVGL, ✕A1, General dry cargo ship, Strengthened (IB), Grab (3-20), ICE 1C, BWM(T), E0, BIS, TMON, NAUT (NAV), LCS, ER (SCR, TIER III), BATTERY POWER, CLEAN
 Flag State : Norwegian
 Designer : Wartsila Ship Design Norway AS

Dimensions

Length overall : 89.95 m
 Beam mld. : 15.40 m
 Depth to first deck : 9.20 m
 Draught (Design) : 6.30 m
 Deadweight : 5000 Tons
 Cargo Hold Capacity : 7000 m³

Performance

Speed : 13.5 knots

Accommodation

Complement : 8 Persons

Tank Capacities

Fuel : 104 m³
 Fresh Water : 21 m³
 Lub Oil : 11 m³
 Grey Water : 23 m³

Main Propulsion Machinery

Main Engines : 1 x 4 stroke 1600 kW Diesel Engine
 Battery System : Power battery system connected to the hybrid power converter
 Propulsion : 1 x CP Propeller dia 3400mm
 Bow Thruster : 1 x 300 kW FPP Tunnel Thruster
 Rudder : 1 x High efficiency flap rudder

Auxiliary Machinery

Electric Generators : 1 x 129 kW Diesel Generator
 : 1 x 800 kW Shaft Generator
 : 1 x 129 kW Emergency Generator

Cargo Equipment

Hatch Covers : 9 x Weather Deck Pontoon type
 Gantry Crane : 1 x Hatch Gantry Crane

Owner

Misje Eco Bulk AS, Norway

		<p align="center">Colombo Dockyard PLC Shipbuilders, Ship repairers & Heavy Engineers</p>		
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