

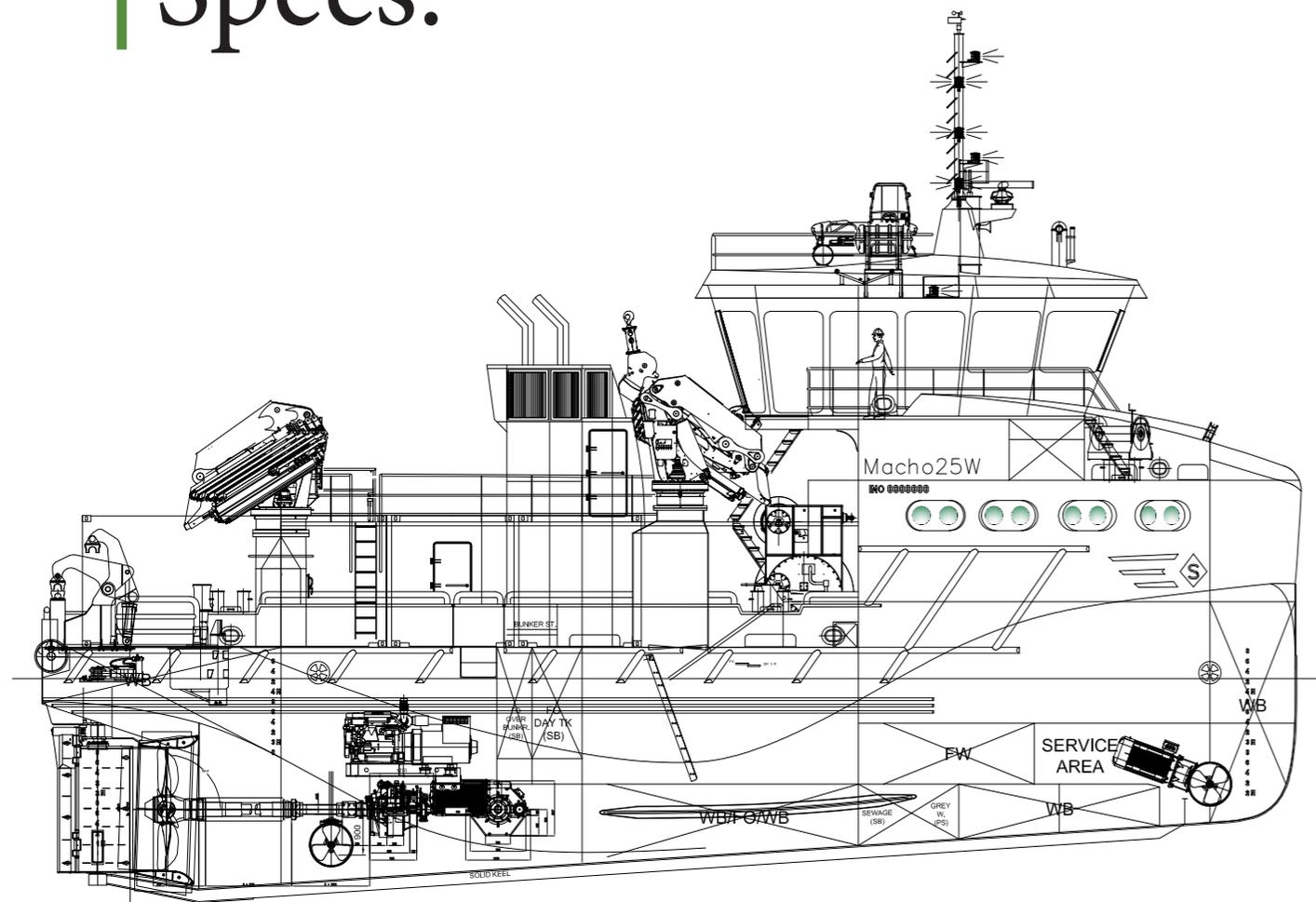
MACHO 25W

SERVICE VESSEL

25m
Green concept for service operations.



Specs.



Main Characteristics

Length over all	25.00 m
Breadth	11.60 m
Service speed	11.0 knot
Bullard pull	17.0 tons
Tonnage	299 tons

Capacities

Accommodation	8 PAX
Cargo hold	101 m ³
Fresh water	25 m ³
MDO Fuel oil	30 m ³
Water ballast	145 m ³

Power Supply

MDO main engine	2 x 500 kW
Battery plant	360 kWh
Hydrogen cell	option

Propulsion And Maneuvring

Electric propulsion motors	2 x 375 kW
Propeller diameter CCP	2.4 m in nozzle
Forward thruster	180 kW
Aft Thruster	180 kW
Rudder	Becker flap

Service Vessel Functions

Deck area	150m ²
Deck load	125 tons
Crane 1	75tm, 5 tons
Crane 2	105tm, 5tons
Towing winch	60 tons
Warping winch	20 tons



Optimal Seaworthiness

Bilge keels and efficient anti-rolling tank ensure favourable conditions for fishing load and people. The hull length, form and flap rudder in

combination with the two large side thrusters gives excellent maneuverability at the fish farms.



Heavy Operations

The vessel is designed and optimized for heavy operations in rough weather conditions. The solid hull is made of high-tensile steel. The large working deck is arranged with powerful

equipment, cranes, winches, capstans and a shark jaw. A big ducted propeller in secure powerful bullard pull.



High Class Crew Facilities

Crew cabins and all common area are of high class. Excellent views from the operation centre in wheelhouse ensure safe operations.



Green profile

Concept has a green “state-of-the-art” environmental profile, with extremely well-proportioned hull lines, large propeller and electric propulsion with a combination of large battery package and diesel engines, and an optional hydrogen power production. These combinations provides great environmental benefits and low consumption.