



SEA THE FUTURE



MED-B4500

**45m Buoy Handling
Vessel**



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MED-B4500



DESIGN / BASIC FUNCTIONS

SeaTech Solutions / Towing, pushing, escorting, mooring, fire-fighting

CLASSIFICATION

I ✕ HULL ✕ MACH, AUT-UMS, SPECIAL SERVICE – BUOY MAINTENANCE VESSEL, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, UNRESTRICTED NAVIGATION

DIMENSIONS

LENGTH O.A.	45,00 m
BEAM	11,80 m
DEPTH	5,10 m
DRAFT _{design}	3,70 m

PERFORMANCES

SPEED	12 knots
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TANK CAPACITIES

FUEL OIL _{approx}	150 m ³
FRESH WATER	20 m ³

ACCOMMODATION

Crew Capacity	16 persons
HVAC (Accommodation)	Central AC unit with ducting to cabins
HVAC (Wheelhouse)	Top-mounted split type A/C units
HVAC (SWB room)	Separate split type A/C unit
ARRANGEMENT	1 x master cabin 1 x officer cabin 3 x double crew cabin 2 x 4-crew crabin

PROPULSION SYSTEM

TOTAL POWER	3540 BHP medium speed diesel marine engines
EMISSION STANDARD	IMO Tier II
PROPELLER	2 x Fixed Pitch propellers
SHAFTING	Composite shaft
BOW THRUSTER	1 x electrical driven bow thruster, 160 kW

AUXILIARY EQUIPMENT

GENERATOR SET	3 x 248 ekW 1500 rpm 50 Hz
MACHINERY COOLING SYSTEM	Box cooler
AIR-CONDITIONING	A refrigerating plant capable for 100% of the total capacity comprising the following main parts: 2x compressor & 2x condenser
FIFI 1 SYSTEM	1 x M/E driven 2800 m ³ /h FiFi pump 2 x water monitor, remote operated

DECK EQUIPMENT

CAPSTAN	1 x electric mooring handling capstan with one warping head, max pull: 5 tons
DECK CRANE	25 Tons lifting capacity @ 80% of SWL
RESCUE BOAT & CRANE	A SOLAS rescue boat and davit
FENDERS	Steel half round pipes with airplane tyre fenders

NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO or JRC, including but not limited to: Searchlight, Radar, DGPS Navigator, AIS Class A, Satellite Compass, Magnetic Compass, Gyrocompass, ECDIS, Navtex, Sounder, Weather Station, MF/HF Radio Telephone, Inmarsat-C, Sart / EPIRB, Autopilot, BNWAS, Intercom, VHF, Handheld VHF, Batteryless Telephone, Speed Log/Echosounder.