

MED-B4500 / 45m Buoy Vessel



GENERAL

DESIGN	Sea Tech Solution
BASIC FUNCTIONS	Buoy Handling, fire-fighting
CLASSIFICATION	BV
	I ✕ HULL, ✕ MACH, ✕ AUT-UMS,
	SPECIAL SERVICE – BUOY MAINTENANCE
FIREFIGHTING	SHIP 1 WITH WATER SPRAY
	UNRESTRICTED NAVIGATION,

DIMENSIONS

LENGTH O.A.	45,00 m
BEAM	11,80 m
DEPTH	5,10 m
DRAFT EXTREME	3,70 m

TANK CAPACITIES

FUEL OIL	78,40 m ³
FRESH WATER	22,60 m ³
SEWAGE WATER	8,50 m ³
LUBRICATION OIL	5,30 m ³
FOAM	8,60 m ³

PERFORMANCES

SPEED	12 knots (approx.)
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PROPULSION SYSTEM

MAKE	WARTSILA
MODEL	6L20
POWER	1320 kW @ 1200 rpm
PROPELLER	MMP, 4 blade, fixed pitch
PROP.DIA	1550 mm
BOW THRUSTER	BALINO / 900 mm

ACCOMMODATION

Accommodation for 16 people MLC-compliant high-quality and great comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and two double crew cabins.

DECK EQUIPMENT

FENDERS	Rubber,
DECK CRANE	RED ROCK – 25 tons @ 10m
RESCUE BOAT CRANE	GURDESAN Crane SWL: 12kN @ 5m
RESCUE BOAT	Semi-rigid Inflatable Rescue Boat
CAPSTAN	DATA HIDROLIK / DHC 4500 – 5 tons
ANCHOR WINDLASS	DATA HIDROLIK / DZC 7002

AUXILIARY EQUIPMENT

AUX. GENERATOR	3 x 250 ekW @ 1500 rpm 50Hz
EMERGENCY GENERATOR	1 x 75 ekW @ 1500 rpm 50Hz
FRESH WATER SYSTEM	Hydrophore and UV filter combined heater
MACHINERY COOLING SYSTEM	Plate cooler type
AIR-CONDITIONING	HEINEN HOPMAN: Secondary AC unit in wheelhouse Cold / hot climate package
FIFI 1 SYSTEM	1 x CATERPILLAR C32 engine driven fi-fi pump, Capacity; 2800 m ³ /hr. 2 x Foam/water monitor, remote operated

NAUTICAL AND COMMUNICATION EQUIPMENT

BNWAS
X-BAND RADAR
DGPS
MAGNETIC COMPASS
GYRO COMPASS
AUTOPILOT
ECHO SOUNDER & SPEED LOG
ECDIS
VHF RADIO TELEPHONE (2PC)
HAND HELD VHF (3PC)
INMARSAT-C
NAVTEX
AIS
EPIRB & SART