

**MED-A2445**



## GENERAL

DESIGN	Robert Allan Ltd.
BASIC FUNCTIONS	Escorting, towing, pushing, mooring, fire-fighting
CLASSIFICATION	BUREAU VERITAS I HULL, MACH, TUG FIREFIGHTING SHIP E UNRESTRICTED NAVIGATION, AUT-UMS INWATERSURVEY

## DIMENSIONS

LENGTH O.A.	24.39 m
BEAM	9.15 m
DEPTH	4.04 m
DRAFT <sub>BASELINE</sub>	2.44 m
DRAFT <sub>EXTREME</sub>	4.42 m
GROSS TONNAGE	<200

## TANK CAPACITIES

FUEL OIL	72.00 m <sup>3</sup>
FRESH WATER	19.00 m <sup>3</sup>
SEWAGE	3.48 m <sup>3</sup>
FOAM	14.60 m <sup>3</sup>

## PERFORMANCES

BOLLARD PULL	45 tons
SPEED	12 knots (approx.)

## PROPULSION SYSTEM

MAIN ENGINES	CATERPILAR 3512C
TOTAL POWER	2 x 1230 kW @ 1800 rpm
AZIMUTHING STERN DRIVE	SCHOTTEL SRP 1012 FP
PROPELLERS	2100 mm diameters
SHAFTING	Steel/Carbon Shaft

## DECK EQUIPMENT

FORE TOWING WINCH	GURDESAN GD.ATW-250 electric anchor towing winch with one towing drum. Nominal force (Active) : 250/110 kN Nom. rope speed : 0 – 9/0-27 m/min. Drum brake holding force 1st layer : 1200 kN
AFT TOWING WINCH	GURDESAN electric towing winch with one towing drum and two warping head. Nominal force (Active) : 250/110 kN Nom. rope speed : 0 – 9/0-27 m/min. Drum brake holding force 1st layer : 1200 kN
RESCUE BOAT CRANE	GURDESAN SWL: 16kN @3,5m
RESCUE BOAT	HATECKE RB400
ANCHORS & CHAIN	1 x 262.5 kg (HHP) Short link chain 17,5mm Gr3
FENDERS	Rubber, Cylinder, W type fendering around fore and aft

## AUXILIARY EQUIPMENT

GENERATOR SET	2 x CATERPILAR C4.4 86 ekW @ 1500 rpm 50hz
FRESH WATER SYSTEM	Hydrophore and UV filter combined heater
MACHINERY COOLING SYSTEM	Plate cooler type –optional box cooler type
AIR-CONDITIONING	HEINEN HOPMAN: Cold climate package Hot climate package
FIFI E SYSTEM	1 x M/E driven fi-fi pump MARSIS SNT-250/550 Capacity: 1400 m <sup>3</sup> /hour 2 x Monitor : Foam/water monitor with remote operated, electric controls

## NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A2 AREA	
SEARCHLIGHT	2 x 230V, 1000 W (Remote Controlled)
RADAR	JRC: JMA-3334
GPS NAVIGATOR	JRC: JLR-7500
RADIO SYSTEM	JRC GMDSS A1+A2
ECHO SOUNDER	JRC: JFC-600
BNWAS	NAVITRON: NT991
AIS CLASS B	I-MARINE
SART	JOTRON: TRON 85037
EPIRB	JOTRON TRON TR 20 99930
AUTOPILOT	NAVITRON NT-921 MKII
NAVTEX	JRC: NCR-333
MAGNETIC COMPASS	CASSEN&PLATH TYPE21

## ACCOMMODATION

Accommodation for 6 people, high-quality and great comfort.  
 Accommodation is climate-controlled and includes a captain's cabin an officer cabin and two double crew cabins.