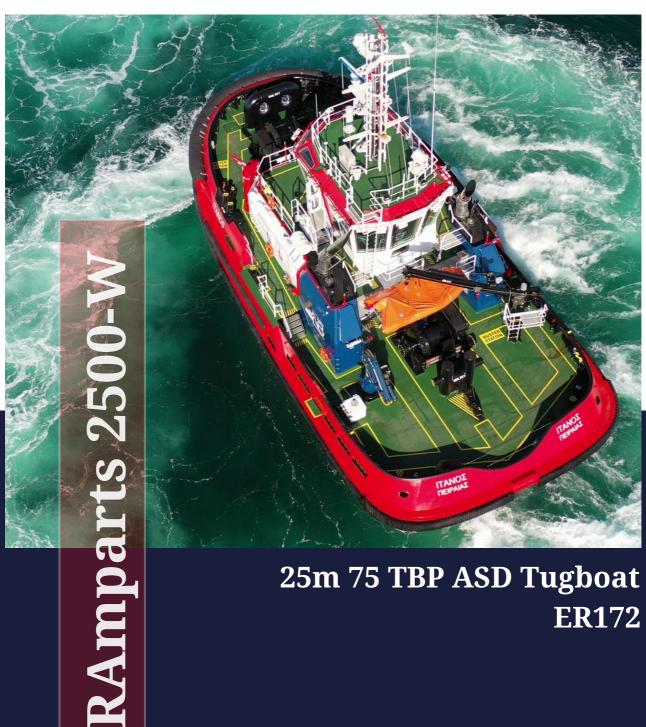
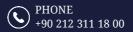


# **SEA THE FUTURE**



25m 75 TBP ASD Tugboat **ER172** 





# RAmparts 2500-W



### **DESIGN / BASIC FUNCTIONS**

Robert Allan Ltd. / Towing, pushing, mooring, fire-fighting

#### **CLASSIFICATION**

BV; I & HULL & MACH, AUT-UMS, TUG, ESCORT SHELTERED WATER, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY, OIL RECOVERY, FLASHPOINT > 60°C (Notation Only)

### **DIMENSIONS**

#### **PERFORMANCES**

BOLLARD PULL 75 TBP SPEED 12 knots

### TANK CAPACITIES

 $\begin{array}{llll} \text{FUEL OIL} & 96,4 \text{ m}^3 \\ \text{FRESH WATER} & 11,2 \text{ m}^3 \\ \text{SEWAGE} & 4,8 \text{ m}^3 \\ \text{GREY WATER} & 4,8 \text{ m}^3 \\ \text{OILY WATER} & 3,0 \text{ m}^3 \\ \text{SLUDGE} & 3,0 \text{ m}^3 \\ \text{FOAM} & 4,9 \text{ m}^3 \end{array}$ 

#### **ACCOMMODATION**

Crew Capacity 8

HVAC (Accommodation) HVAC (Wheelhouse) HVAC (SWB room) Central AC unit with ducting to cabins Top-mounted split type A/C units Separate split type A/C unit

ARRANGEMENT 1 x master cabin

1 x chief cabin

3 x double crew cabin

# PROPULSION SYSTEM

MAIN ENGINES 2 x CATERPILLAR 3516E
TOTAL POWER 2 x 2100 kW 1600 rpm
EMISSION STANDARD IMO Tier III Ready

ASD UNITS 2 x KONGSBERG US 255S

PROPELLERS FP, 2800 mm propeller diameter

SHAFTING Carbon fiber shafting

# **AUXILIARY EQUIPMENT**

GENERATOR SET 2 x CATERPILLAR C4.4 99 ekW 1500

rpm 50 Hz

MACHINERY COOLING Box cooler

**SYSTEM** 

AIR-CONDITIONING A refrigerating plant capable for 70%

of the total capacity comprising the

following main parts: 2x 27 kW compressor & 2x condenser

FIFI 1 SYSTEM FFS 2 x M/E driven 1350 m<sup>3</sup>/h FiFi

pump

2 x water monitor, remote operated

#### **DECK EQUIPMENT**

FORE TOWING WINCH KRAAIJEVELD / KAS-15-TR/TR Electric

frequency controlled double drum

towing winch

AFT TOWING HOOK SWL 100 tons, quick release type

FENDERS Rubber, Cylinder, W and D type

fendering

DECK CRANE CYTECMA / 800 kg at 7,2 m reach

SERVICE BOAT & 1 x 6 persons service boat with one (1)

MANUAL DAVIT 9,8 HP outboard engine and 1x

manual davit

## NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO, in accordance with GMDSS area 2, including but not limited to:

Searchlight, Radar, GPS Receiver, GPS Compass, Doppler Speed Log, Echo Sounder, Navtex Receiver, AIS, MF/HF Radiotelephone, VHF Radiotelephone, Mini-C SSA System, AIS-SART, GMDSS VHF, BNWAS, Magnetic Compass, Talkback System, Batteryless Telephone, Autopilot.

