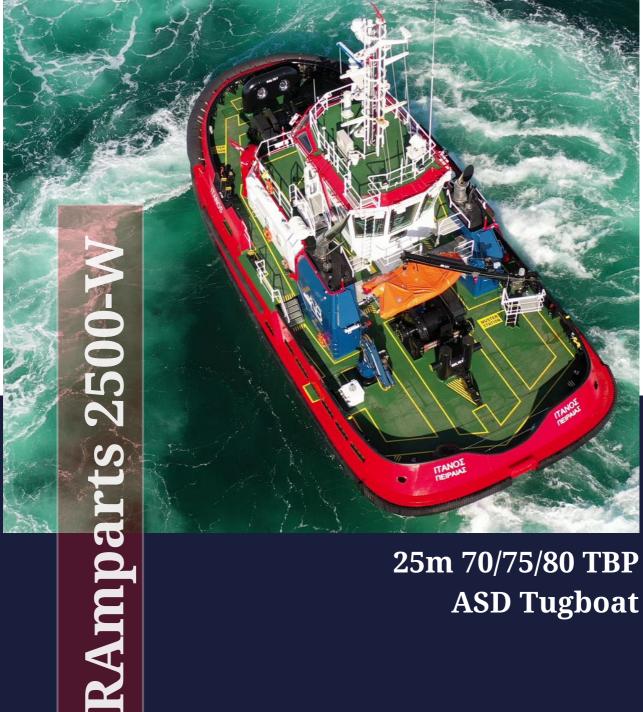


### **SEA THE FUTURE**



## 25m 70/75/80 TBP **ASD Tugboat**



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# **RAmparts 2500-W**



#### **DESIGN / BASIC FUNCTIONS**

Robert Allan Ltd. / Towing, pushing, mooring, firefighting

#### **CLASSIFICATION**

I / C ✤ HULL ✤ MACH, AUT-UMS, TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY

#### DIMENSIONS

LENGTH O.A. BEAM DEPTH DRAFT<sub>max</sub> GROSS TONNAGE 25,20 m 12,00 m 4,60 m 5,75 m < 400

#### PERFORMANCES

BOLLARD PULL RANGE70 - 85 TBPSPEED12 knots

#### **TANK CAPACITIES**

FUEL OIL96,4 m³FRESH WATER BALLAST48,7 m³POTABLE WATER11,2 m³SEWAGE4,8 m³OILY WATER3,0 m³SLUDGE3,0 m³FOAM4,9 m³

#### ACCOMMODATION

Crew Capacity

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

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ARRANGEMENT

1 x master cabin 1 x chief cabin 3 x double crew cabin PROPULSION SYSTEM

TOTAL POWER (70 TBP)	5100 BHP high speed diesel marine engines
TOTAL POWER ( <b>75 TBP</b> )	5630 BHP high speed diesel marine engines
TOTAL POWER ( <b>80 TBP</b> )	6300 BHP high speed diesel marine engines
EMISSION STANDARD	IMO Tier II / IMO Tier III
ASD UNITS	2 x Fixed Pitch propellers
SHAFTING	Carbon fiber shafting

#### AUXILIARY EQUIPMENT

GENERATOR SET	2 x 99 ekW 1500 rpm 50 Hz
MACHINERY COOLING SYSTEM	Box cooler
AIR-CONDITIONING	A refrigerating plant capable for 70% of the total capacity comprising the following main parts: 2x compressor & 2x condenser
FIFI 1 SYSTEM	2 x M/E driven 1350 m³/h FiFi pump 2 x water monitor, remote operated
FIFI 1 SYSTEM (OPT)	1 x M/E driven 2735 m³/h FiFi pump 2 x water monitor, remote operated

#### **DECK EQUIPMENT**

FORE TOWING WINCHElectric frequency controlled double<br/>drum towing winchAFT TOWING HOOKSWL 100 tons, quick release typeCAPSTANSWL 5 tons, electric drivenFENDERSRubber, Cylinder, W and D type<br/>fendering

#### **OPTIONAL EQUIPMENT**

AFT TOWING WINCH	Electric frequency controlled single drum towing winch
DECK CRANE	840 kg at 8,1 m reach
RESCUE BOAT &	1 x 6 persons SOLAS rescue boat with
CRANE	one 25 HP outboard engine and 1 x
	crane

#### NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO or JRC, 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.

