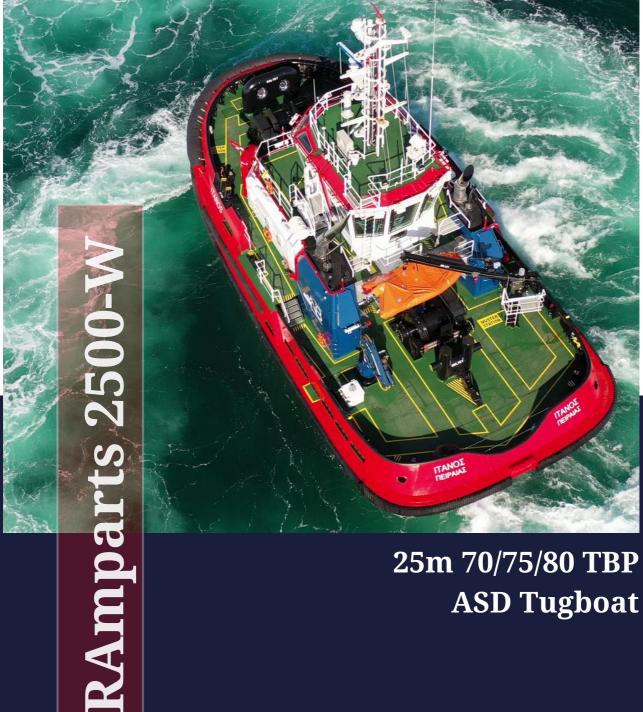


SEA THE FUTURE



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_{max} 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 (75 TBP) | 5630 BHP high speed diesel marine engines |
| TOTAL POWER (80 TBP) | 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
drum towing winchAFT TOWING HOOKSWL 100 tons, quick release typeCAPSTANSWL 5 tons, electric drivenFENDERSRubber, Cylinder, W and D type
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.

