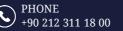


SEA THE FUTURE



18m 30/35 TBP **ASD Tugboat**





RAscal 1800-Z



DESIGN / BASIC FUNCTIONS

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

CLASSIFICATION

BV; I \maltese HULL \bullet (\maltese) MACH, AUT-UMS, TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP E, INWATERSURVEY

DIMENSIONS

 LENGTH O.A.
 18,00 m

 BEAM
 9,60 m

 DEPTH
 3,30 m

 DRAFT_{navigational}
 3,50 m

 GROSS TONNAGE
 < 150</td>

PERFORMANCES

BOLLARD PULL RANGE 30 - 35 TBP SPEED_{approximate} 10 knots

TANK CAPACITIES

FUEL OIL 24,4 m 3 POTABLE WATER 4,2 m 3 SEWAGE 4,4 m 3 OILY WATER 2,3 m 3 FOAM 1,3 m 3 SLUDGE 1,0 m 3

ACCOMMODATION

Crew Capacity 4

HVAC Split type A/C units for

accommodation and wheelhouse

ARRANGEMENT 2 x double crew cabin

PROPULSION SYSTEM

TOTAL POWER (30 TBP) 2600 BHP high speed diesel marine

engines

TOTAL POWER (**35 TBP**) 2900 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 86 ekW 1500 rpm 50 Hz

MACHINERY COOLING Direct sea suction from sea chests

SYSTEM

AIR-CONDITIONING Split type A/C units for

accommodation and wheelhouse

FIFI E SYSTEM 1 x M/E driven 1200 m³/h FiFi pump

1 x water monitor, remote operated

DECK EQUIPMENT

FORE TOWING WINCH Electric frequency controlled single

drum towing winch

AFT TOWING HOOK SWL 45 tons, quick release type

CAPSTAN SWL 5 tons, electric driven

FENDERS Rubber, Cylinder, W and D type

fendering

NAVIGATION AND COM. 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, Plotter, GPS Compass, Magnetic Compass, GPS Receiver, AIS, Weather Station, VHF Radiotelephone, Navtex Receiver, BNWAS System, Talkback System, Batteryless Telephone System, AIS-SART, GMDSS VHF, MF/HF Radiotelephone, Mini-C SSA System, Fish Finder with Transducer.

