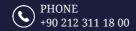


SEA THE FUTURE



21m 35/40/45/50 TBP **Conventional Tugboat**





RAscal 2100-TS



DESIGN / BASIC FUNCTIONS

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

CLASSIFICATION

I / C ★ HULL • (★) MACH, AUT-UMS, TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP E, INWATERSURVEY

DIMENSIONS

PERFORMANCES

BOLLARD PULL RANGE 35 - 50 TBP SPEED 11,5 knots

TANK CAPACITIES

FUEL OIL $47,2 \text{ m}^3$ POTABLE WATER $10,8 \text{ m}^3$ SEWAGE $10,8 \text{ m}^3$ OILY WATER $3,8 \text{ m}^3$ FOAM $2,3 \text{ m}^3$ SLUDGE $1,1 \text{ m}^3$

ACCOMMODATION

Crew Capacity 8 (max. 5 for MLC compliance)

HVAC Split type A/C units for

accommodation and wheelhouse

ARRANGEMENT 1 x officer cabin

2 x single crew cabin 1 x double crew cabin

PROPULSION SYSTEM

TOTAL POWER (**35 TBP**) 2900 BHP high speed diesel marine

engines

TOTAL POWER (50 TBP) 4224 BHP high speed diesel marine

engines

EMISSION STANDARD IMO Tier II / IMO Tier III

PROPELLER 2 x Fixed Pitch propellers

SHAFTING Stainless steel shafting

AUXILIARY EQUIPMENT

GENERATOR SET 2 x 86 ekW 50 Hz

MACHINERY COOLING Plate cooler

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 (can be used as aft towing winch with tunnel under

the wheelhouse)

AFT TOWING HOOK SWL 70 tons, quick release type

CAPSTAN SWL 5 tons, electric driven

FENDERS Rubber, Cylinder, W and D type

fendering

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, 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.

