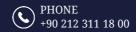


# **SEA THE FUTURE**



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





# RAscal 1800-TS



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

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

### **CLASSIFICATION**

I / C ★ HULL • (★) 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 $_{\rm max}$  3,50 m GROSS TONNAGE < 150

#### **PERFORMANCES**

BOLLARD PULL RANGE 30 - 35 TBP SPEED 10 knots

#### TANK CAPACITIES

FUEL OIL 24,4 m $^3$  POTABLE WATER 4,2 m $^3$  SEWAGE 4,0 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 HP high speed diesel marine

engines

TOTAL POWER (35 TBP) 2900 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

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 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.

