



SEA THE FUTURE



Rascal 1800-TS

18m 30/35 TBP
Conventional Tugboat



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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 _{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 SYSTEM	Plate cooler
AIR-CONDITIONING	Split type A/C units for accommodation and wheelhouse
FIFI E SYSTEM	1 x M/E driven 1200 m ³ /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.