



SEA THE FUTURE



Ramparts 2500-W

25m 75 TBP ASD Tugboat
ER172



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Ramparts 2500-W



DESIGN / BASIC FUNCTIONS

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

CLASSIFICATION

BV; I ✕ HULL ✕ MACH, AUT-UMS, TUG, ESCORT SHELTERED WATER, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY, OIL RECOVERY, FLASHPOINT > 60°C (Notation Only)

DIMENSIONS

LENGTH O.A.	25,20 m
BEAM	12,00 m
DEPTH	4,60 m
DRAFT _{max}	5,75 m
GROSS TONNAGE	< 400

PERFORMANCES

BOLLARD PULL	75 TBP
SPEED	12 knots

TANK CAPACITIES

FUEL OIL	96,4 m ³
FRESH WATER	11,2 m ³
SEWAGE	4,8 m ³
GREY WATER	4,8 m ³
OILY WATER	3,0 m ³
SLUDGE	3,0 m ³
FOAM	4,9 m ³

ACCOMMODATION

Crew Capacity	8
HVAC (Accommodation)	Central AC unit with ducting to cabins
HVAC (Wheelhouse)	Top-mounted split type A/C units
HVAC (SWB room)	Separate split type A/C unit
ARRANGEMENT	1 x master cabin 1 x chief cabin 3 x double crew cabin

PROPULSION SYSTEM

MAIN ENGINES	2 x CATERPILLAR 3516E
TOTAL POWER	2 x 2100 kW 1600 rpm
EMISSION STANDARD	IMO Tier III Ready
ASD UNITS	2 x KONGSBERG US 255S
PROPELLERS	FP, 2800 mm propeller diameter
SHAFTING	Carbon fiber shafting

AUXILIARY EQUIPMENT

GENERATOR SET	2 x CATERPILLAR C4.4 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 27 kW compressor & 2x condenser
FIFI 1 SYSTEM	FFS 2 x M/E driven 1350 m ³ /h FiFi pump 2 x water monitor, remote operated

DECK EQUIPMENT

FORE TOWING WINCH	KRAAIJEVELD / KAS-15-TR/TR Electric frequency controlled double drum towing winch
AFT TOWING HOOK	SWL 100 tons, quick release type
FENDERS	Rubber, Cylinder, W and D type fendering
DECK CRANE	CYTECMA / 800 kg at 7,2 m reach
SERVICE BOAT & MANUAL DAVIT	1 x 6 persons service boat with one (1) 9,8 HP outboard engine and 1x manual davit

NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO, 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.