

MED-A2575

Ramparts 2500k



GENERAL

DESIGN	Robert Allan Ltd. Ramparts 2500W
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA
	C ✘HULL, ✘MACH, ✘AUT-UMS, TUG
	FIREFIGHTING SHIP E WITH WATER SPRAYING
	UNRESTRICTED NAVIGATION - INWATERSURVEY

DIMENSIONS

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

TANK CAPACITIES

FUEL OIL	96,40 m ³
FRESH WATER	48,70 m ³
POTABLE WATER	11,20 m ³
SEWAGE WATER	4,80 m ³
GREY WATER	4,80 m ³
OILY WATER	3,00 m ³
FOAM	4,90 m ³

PERFORMANCES

BOLLARD PULL	70 tons
SPEED	11 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	MTU 16V4000M63R: 2x2000 kW @1800 rpm
EMISSION STANDARD	IMO Tier II
AZIMUTHING STERN DRIVE	KONGSBERG US 255S FP with slipping clutch for FIFI 1
PROPELLERS	2800 mm diameters
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

Accommodation for 7 people MLC-compliant high-quality and great comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and two double crew cabins.

DECK EQUIPMENT

FORE TOWING WINCH	Electric frequency controlled towing winch with two independent towing drums Nominal 1st Layer: 30,2 tons at 0-8 m/min Overspeed 1st Layer: 9,7 tons at 0-26 m/min Brake holding force in 1st layer : 1880 kN
AFT WINCH (Opt.)	Single drum electric frequency controlled towing winch Nominal 1st Layer: 30,2 tons at 0-8 m/min Overspeed 1st Layer: 9,7 tons at 0-26 m/min Brake holding force in 1st layer : 1880 kN
AFT TOWING HOOK	DATA quick release disc type towing hook Type DTH 90-135 P, SWL: 100 tons
DECK CRANE	TOIMIL MARINE / T-7500M/2, 890kg at 8m
ANCHORS & CHAIN	1 x 214 kg (HHP) Short link chain 20.5 mm Gr2
FENDERS	Rubber, Cylinder, W and D type fendering

AUXILIARY EQUIPMENT

GENERATOR SET	2 x CATERPILLAR C4.4 99ekW
FRESH WATER SYSTEM	Hydrophore and UV filter combined heater
MACHINERY COOLING SYSTEM	Box cooler type
AIR-CONDITIONING	HEINEN HOPMAN: Secondary AC unit in wheelhouse Cold / hot climate package
FIFI 1 SYSTEM	2 x M/E driven fi-fi pump, Capacity: 1350 m ³ /hr. 2 x Foam/water monitor, remote operated

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS	A2 AREA
SEARCHLIGHT	2 x 230V, 2000 W (Remote Controlled)
RADAR	FURUNO FAR-1518-BB
DGPS NAVIGATOR	FURUNO GP-170
AIS CLAS A	FURUNO FA-170
SATELLITE COMPASS	FURUNO SC-70
MAGNETIC COMPASS	REFLECTA A/3
NAVTEX	FURUNO NX-700B
MF/HF RADIO TELEPHONE	FURUNO FS-1575
INMARSAT MINI-C	FELCOM19-SSAS
SART / EPIRB	JOTRON TRON SART / JOTRON TRON 60S
AUTOPILOT	SIMRAD AP70
BNWAS	FURUNO BR-500
INTERCOM	PHONTECH CIS-3100
VHF	2 x FURUNO FM-8900S
HANDHELD VHF	2 x JOTRON TRON TR30
BATTERYLESS TELEPHONE	VINGTOR VSP-211-L
SPEED LOG / ECHO SOUNDER	FURUNO DS-80 / FURUNO FE-800
WEATHER STATION	AIRMAR 150WX