

MED-A2575

RAMparts2500W



ROBERT ALLAN LTD.
MARINE EQUIPMENT AND SHIP DESIGN



GENERAL

DESIGN	Robert Allan Ltd. RAMparts 2500W
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA
	C ✕ HULL, ✕ MACH, ✕ AUT-UMS, TUG
	FIREFIGHTING SHIP 1 WITH WATER SPRAY
	UNRESTRICTED NAVIGATION, MLC DESIGN
	INWATERSURVEY

DIMENSIONS

LENGTH O.A.	25,20 m
BEAM	12,00 m
DEPTH	4,60 m
DRAFT _{BASELINE}	3,45 m
DRAFT _{EXTREME}	5,75 m
GROSS TONNAGE	< 400

TANK CAPACITIES

FUEL OIL	96,40 m ³
FRESH WATER	11,20 m ³
SEWAGE WATER	4,80 m ³
GREY WATER	4,80 m ³
OILY WATER	2,10 m ³
LUBRICATION OIL	2,00 m ³
FOAM	4,90 m ³

PERFORMANCES

BOLLARD PULL	60 / 70 / 75 tons
SPEED	12 knots (approx.)

PROPULSION SYSTEM

60 tBP	70 tBP	75 tBP
CAT 3512C	CAT 3516C / MTU 16V4000M61	CAT 3516C / MTU 16V4000M63
1765 kW @1800rpm	2100 kW @1600rpm / 2100 kW @1800rpm	2240 kW @1800rpm
RollsRoyceUS205 FP	Schottel SRP 460 FP / RollsRoyce US255 FP	RollsRoyce US255 FP
2400mm DIA	2700mm DIA HD slipping clutch for FIF1	

SHAFTING	Carbon Fiber Shaft
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ACCOMMODATION

Accommodation for 6 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

THR MARINE anchor combined electric towing winch with two towing drums and one warping head.

Force and speed ranges : 300 kN at 0-9 m/min
100 kN at 0-27 m/min

Brake holding force in 1st layer : 1900 kN

AFT TOWING WINCH

THR MARINE electric towing winch with one towing drum and one warping head

Force and speed ranges : 300 kN at 0-9 m/min
100 kN at 0-27 m/min

Brake holding force in 1st layer : 1900 kN

AFT TOWING HOOK

DATA quick release disc type towing hook

Type DTH 90-135 P

ANCHORS & CHAIN

1 x 214 kg (HHP) Short link chain 20.5 mm Gr 2

CAPSTAN

THR MARINE electric capstan WIN-140 SWL:50kN

FENDERS

Rubber, Cylinder, W and D type fendering

AUXILIARY EQUIPMENT

GENERATOR SET

2 x C4.4 99 ekW 1500 rpm 50hz

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 climate package

Hot climate package

FIF1 SYSTEM

2x M/E driven fi-fi pump

Capacity: 1350 m³/hr.

2 x Monitor : Foam/water monitor with remote operated, electric controls

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A3 AREA

SEARCHLIGHT

2 x 230V, 2000 W (Remote Controlled)

RADAR

FURUNO FAR-1518-BB

GPS NAVIGATOR

FURUNO GP-170

AIS CLAS A

FURUNO FA-170

AIS CLAS B

IMARINE 3.5

SATELLITE COMPASS

FURUNO SC-70

MAGNETIC COMPASS

REFLECTA A/3

NAVTEX

FURUNO NX-700B

SART/EPIRB

JOTRON TRON SART 20 / JOTRON TRON 60S

AUTOPILOT

SIMRAD AP70

BNWAS

FURUNO BR-500

INTERCOM

PHONTECH CIS-3100

VHF

FURUNO FS-1575

INMARSAT -C

FURUNO FELCOM-18 / SSAS

SPEED LOG / ECHO SOUNDER

FURUNO DS-80 / FURUNO FE-800

OPTIONAL EQUIPMENT

RESCUE BOAT CRANE

GURDESAN Crane SWL: 12kN 5m

RESCUE BOAT

RIBO DSB 4.3 Foldable Rescue Boat