

MED-A2360

RAMPARTS 2300 MM



GENERAL

DESIGN	Robert Allan Ltd. RAmports 2300MM
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA C HULL, MACH, TUG FIREFIGHTING SHIP E WITH WATER SPRAY, UNRESTRICTED NAVIGATION AUT-UMS, MLC DESIGN, INWATERSURVEY
OPTIONAL NOTATION	FIRE-FIGHTING SHIP 1; WATER SPRAYING GREENSTAR 3

DIMENSIONS

LENGTH O.A.	23,00 m
BEAM	10,90 m
DEPTH	4,40 m
DRAFT BASELINE	3,15 m
DRAFT EXTREME	5,05 m
GROSS TONNAGE	< 300

TANK CAPACITIES

FUEL OIL	61,90 m ³
FRESH WATER	11,40 m ³
SEWAGE	10,30 m ³
OILY WATER	3,20 m ³
LUBRICATION OIL	1,80 m ³
FOAM	3,20 m ³

PERFORMANCES

BOLLARD PULL	35/50/60 tons
SPEED	12 knots (approx.)

PROPULSION SYSTEM

35 tBP	50 tBP	60 tBP
CAT C32	CAT 3512C	CAT 3512C
970 kW @1800rpm	1380 kW @1600rpm	1765 kW @1800rpm
Schottel SRP 260 FP	Schottel SRP 340 FP	RollsRoyceUS205 FP
1750mm DIA	2100mm DIA	2400mm DIA

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 (SEC) electric towing winch with one (split) 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 : 1500 kN
TOWING HOOK	DATA quick release disc type towing hook Type: DTH 70-130P
DECK CRANE	Toimil T-10500M SWL10t.m reach 8 m or equal
RESCUE BOAT CRANE	Manual Operated Crane SWL: 0.5 tonnes
RESCUE BOAT	REDSEA RS-A-380 Foldable Boat
ANCHORS & CHAIN	1 x 240 kg (HHP) Short link chain 19 mm Gr 2
ANCHOR CAPSTAN	THR MARINE (SEC) electric anchor capstan
CAPSTAN	DATA electric capstan SWL 5tonnes
FENDERS	Rubber, Cylinder, W and D type fendering

AUXILIARY EQUIPMENT

GENERATOR SET	2 x CAT C4.4 86 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
FIFIE SYSTEM	1 x M/E driven fi-fi pump Capacity: 1200 m ³ /hr. 1 x Monitor : Foam/water monitor with remote operated, electric controls

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A3 AREA	
SEARCHLIGHT	2 x 24 V 1000 W (Remote Controlled)
RADAR	JRC: JMA-5212-4BB
GPS NAVIGATOR	JRC: JLR-7500
AIS CLASS A	JRC: JHS 183
AIS CLASS B	IMARINE 3.5
GPS COMPASS	JRC: JLR-21
MAGNETIC COMPASS	REFLECTA 1
NAVTEX	JRC: NCR-333
EPIRB /SART	JOTRON TRON 60S / 85037
AUTOPILOT	NAVITRON: NT921MKII
BNWAS	NAVITRON: NT991
INTERCOM	PHONTECH: CIS-3100
VHF	JRC: JHS-770S
INMARSAT-C	JRC: JUE 87
ECHO SOUNDER	JRC: JFE-380-25
SPEED LOG	JRC: JLN-205 MK2

OPTIONAL EQUIPMENT

FIFIE SYSTEM	2 x Main Engine drive Fire pumps Capacity: 1,400 m ³ /hour each 2 x Monitors – FFS foam/water monitors Remote operated, electric controls
AFT TOWING WINCH	THR MARINE (SEC) electric towing winch