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 ISTANBUL/TURKEY



**MED-A2360**

Ramparts 2300 MM



## GENERAL

DESIGN	Robert Allan Ltd. RAmparts 2300MM
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA C ✕ TUG, AUT-UMS
	FIREFIGHTING SHIP E WITH WATERSPRAY, UNRESTRICTED NAVIGATION, MLC DESIGN, GREEN STAR 3
OPTIONAL NOTATION	FIRE-FIGHTING SHIP 1; WATER SPRAYING

## DIMENSIONS

LENGTH O.A.	23,00 m
LENGTH, SUMMER LOAD LWL	21,85 m
BEAM	10.90 m
DEPTH	4,40 m
DRAFT NAVIGATIONAL	4.25 m-35 tonne / 4.8 m-50 tonne / 5.05 m-60 tonne
GROSS TONNAGE	< 300

## TANK CAPACITIES

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

## PERFORMANCES

BOLLARD PULL	35/50/60 tons
SPEED	10.6 knots (approximate) - 35 tonne 11.2 knots (approximate) - 50 tonne 11.6 knots (approximate) - 60 tonne

## 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 Terminal / Support Tug complete shaft lines - Composite

## ACCOMMODATION

Accommodation for 6 people (MLC-compliant) / 8 people (non-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
TOWING HOOK	Brake holding force in 1st layer : 1500 kN DATA quick release disc type towing hook Type: DTH 70-130P
DECK CRANE	Toimil T-10500M SWL10t.m reach 1220 kg at 8 m or equal
RESCUE BOAT CRANE	Manual Operated Crane SWL: 0.5 tonnes
RESCUE BOAT	one, inflatable rescue/utility boat with 15 HP gasoline outboard engine
ANCHORS & CHAIN	1 x 250 kg (HHP) Short link chain 19 mm Gr 2
ANCHOR CAPSTAN	THR MARINE Anchor Capstan 20.5 U2
CAPSTAN	THR MARINE 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	Plate Type Heat Exchangers
AIR-CONDITIONING	HEINEN HOPMAN: Secondary AC unit in wheelhouse Cold climate package Hot climate package
FIFI E SYSTEM	1 x M/E driven fi-fi pump Capacity; 1400 m <sup>3</sup> /hr. Monitors : 2 x 600 m <sup>3</sup> /hour water - 150 m <sup>3</sup> /hour foam

## NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS A3 AREA	
SEARCHLIGHT	2 x 24 V 1000 W (Remote Controlled)
RADAR	JRC: JMA-5212-6BB
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 x 2
ECHO SOUNDER	JRC: JFE-380-25
SPEED LOG	JRC: JLN-205 MK2

## OPTIONAL EQUIPMENT

FIFI 1 SYSTEM	2 x Main Engine driven Fire pumps Capacity; 1,400 m <sup>3</sup> /hour each 2 x Monitors - foam/water monitors Remote operated, electric controls
AFT TOWING WINCH	THR MARINE (SEC) electric towing winch