

MED-A32100

RAstar 3200W



GENERAL

DESIGN	Robert Allan Ltd. RAstar 3200-W
BASIC FUNCTIONS	Escorting, towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA
	C ✕HULL, ✕MACH, ESCORT TUG, FIREFIGHTING SHIP 1, WITH WATER SPRAY UNRESTRICTED NAVIGATION ✕AUT-UMS, MLC DESIGN, IN WATER SURVEY
OPTIONAL	SALVAGE TUG, OIL RECOVERY SHIP-FLASH POINT > 60°C

DIMENSIONS

LENGTH O.A.	32.00 m
BEAM	13.20 m
DEPTH	5.45 m
DRAFT EXTREME	6.10 m
GROSS TONNAGE	< 500

TANK CAPACITIES

FUEL OIL	190 m ³
FRESH WATER	40 m ³

PERFORMANCES

BOLLARD PULL	80 tons
SPEED	13 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	CATERPILLAR 3516C
TOTAL POWER	2 x 2525 kW @ 1800 rpm
EMISSION STANDARD	IMO Tier II (Opt. IMO Tier III)
AZIMUTHING STERN DRIVE	ROLLS ROYCE US 255 FP
PROPELLERS	2800 mm diameters
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

Accommodation for 8 / 10 people, MLC-compliant, high-quality and great comfort. Accommodation is climate-controlled and includes a captain's cabin an officer cabin and two double, two single or four double crew cabins.

DECK EQUIPMENT

FORE TOWING WINCH

THR MARINE (SEC) hydraulic escort towing winch with two towing drums and one warping head.

Force and speed ranges 1200 kN at 0-14m/min
 850 kN at 0-20 m/min, 650 kN at 0-27 m/min
 300 kN at 0-60 m/min

Brake holding force in 1st layer : 2000 kN

AFT TOWING WINCH

THR MARINE (SEC) hydraulic towing winch with one towing drum and one warping head.

Force and speed ranges : 500 kN at 0-15 m/min
 300 kN at 0-20 m/min, 80 kN at 0-50 m/min

Brake holding force in 1st layer : 2000 kN

TOWING HOOK

DATA quick release disc type towing hook

Type: DTH 90-135

CAPSTAN

DATA Capstan SWL5t

TOW PIN

DATA DTP 12 SH

DECK CRANE

PALFINGER PK18500(M)B SWL 1460kg@10.2m

RESCUE BOAT CRANE

PALFINGER SCH 12-3.5 R SWL 12t@3.5m

RESCUE BOAT

RIBO DSB 5.1 SR/SOLAS

ANCHORS & CHAIN

2x 495 kg (HHP) short link chain 22mm Gr 3

ANCHOR CAPSTAN

Two (2) piece DATA electric anchor capstan

FENDERS

Rubber, cylinder and W type bow fender, D type at sides and W type aft fender

AUXILIARY EQUIPMENT

GENERATOR SET

2 x CATERPILLAR C4.4 99ekW @ 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

FIFI SYSTEM

2 x M/E driven fi-fi pump

Capacity: 1314 m³/hour

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

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A3 AREA

SEARCHLIGHT

2 x 230 V, 2000 W

RADAR

JRC JMA-5212-6

GPS NAVIGATOR

JRC JLR 7500

AIS CLASS-A / CLASS-B

JRC JHS-183 / I-MARINE

GPS COMPASS

JRC: JLR 21

MAGNETIC COMPASS

REFLECTA/1

NAVTEX

JRC NCR-333

EPIRB / SART

JOTRON TRON 60S / 85037

AUTOPILOT

NAVITRON NT-921 MKII

BNWAS

NAVITRON: NT991

INTERCOM

PHONTECH: CIS-3100

VHF

JRC: JHHS-770S

INMARSAT-C & SSAS

JRC: JUE-87

ECHO SOUNDER / SPEED LOG

JRC: JFE-380-22 / JRC: JLN-205 MK2