

MED-A3085

RAstar 3000-W



GENERAL

DESIGN	Robert Allan Ltd. RAstar 3000W
BASIC FUNCTIONS	Towing, pushing, escorting, mooring, fire-fighting.
Optional functions	LNG compatibility
CLASSIFICATION	RINA C ✕ HULL, ✕ MACH, ESCORT TUG
FIREFIGHTING	SHIP 1, WITH WATER SPRAY UNRESTRICTED NAVIGATION
	✕ AUT-UMS, INWATERSURVEY
OPTIONAL NOTATION	AUT-PORT, COMF-NOISE C, COMF-VIB C

DIMENSIONS

LENGTH O.A.	29,70 m
BEAM	13.30 m
DEPTH	5,45 m
DRAFT _{BASELINE}	4,25 m
DRAFT _{EXTREME}	6,00 m
GROSS TONNAGE	< 500

TANK CAPACITIES

FUEL OIL	203.40 m ³
FRESH WATER	18,40 m ³
SEWAGE WATER	5,20 m ³
GREY WATER	5,20 m ³
OILY WATER	3,90 m ³
LUBRICATION OIL	4,00 m ³
FOAM	10, 60 m ³

PERFORMANCES

BOLLARD PULL	85 tons
SPEED	12,5 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	MTU 16V4000M65L 2 x 2560 kW @ 1800 rpm / CATERPILLAR 3516C 2 x 2525 kW @ 1800 rpm
EMISSION STANDARD	IMO Tier II (Tier III Optional)
AZIMUTHING STERN DRIVE	ROLLS ROYCE US 255 P30 FP with HD slipping clutch for FIFI 1
PROPELLERS	2800 mm diameters
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

Accommodation for 8 people, high-quality and great comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and three double crew cabins.

DECK EQUIPMENT

FORE TOWING WINCH

ROLLS ROYCE heavy duty escort towing winch with two drums and one warping head.
Recovery
Nom. pull / low speed /1st layer : 120t / 10 m/min
Nom pull / high speed /1st layer : 11t / 69 m/min
Rendering
Nom. pull / low speed /1st layer : 169t / -30 m/min
Nom pull / high speed /1st layer : 17t / -96 m/min

TOWING HOOK

DATA quick release disc type towing hook
Type DTH 90-135P

CAPSTAN

DATA Capstan SWL:5t

ANCHORS & CHAIN

2x 495 kg (HHP) short link chain 20.5mm Gr 3

FENDERS

Rubber, Cylinder, W and D type fendering around the hull

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

FIFI 1 SYSTEM

2 x M/E driven fi-fi pump

Capacity: 1350m³/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 (Remote Controlled)

RADAR

FURUNO FAR-1518-BB

GPS NAVIGATOR

FURUNO GP-170

AIS CLAS A

FURUNO FA-170

SATELLITE COMPASS

FURUNO SC-70

MAGNETIC COMPASS

REFLECTA A/3

NAVTEX

FURUNO NX-700B

EPIRB

JOTRON TRON 60S

SART

JOTRON TRON SART 20

AUTOPILOT

RAYTHEON ANSCHUTZ NP 60

BNWAS

FURUNO BR-500

INTERCOM

PHONTECH CIS-3100

VHF

JOTRON TRON TR30

INMARSAT-C

FELCOM-19/SSAS

SPEED LOG

FURUNO DS-80

ECHO SOUNDER

FURUNO: FE-800

OPTIONAL EQUIPMENT

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