

MED-A36100

RAstar 3600-W



GENERAL

DESIGN	Robert Allan Ltd. RAstar 3600
BASIC FUNCTIONS	Escorting, towing, pushing, mooring, fire-fighting
CLASSIFICATION	BV I ✕ HULL, ✕ MACH, ✕ TUG, ESCORT TUG
FIREFIGHTING	SHIP 1, WITH WATER SPRAY
UNRESTRICTED NAVIGATION, INWATERSURVEY	✕ AUT-UMS

DIMENSIONS

LENGTH O.A.	35,80m
BEAM	14,50 m
DEPTH	6,03 m
DRAFT BASELINE	4,75 m
DRAFT EXTREME	6,60 m
GROSS TONNAGE	724

TANK CAPACITIES

FUEL OIL	236,4 m ³
FRESH WATER	139,2 m ³
SEWAGE WATER	4,50 m ³
GREY WATER	4,50 m ³
OILY WATER	4,60 m ³
LUBRICATION OIL	2,10 m ³
FOAM	36,3 m ³

PERFORMANCES

BOLLARD PULL	95 tons
SPEED	13,5 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	WARTSILA 9L26A2
TOTAL POWER	2 x 3060 kW @ 1000 rpm
AZIMUTHING STERN DRIVE	LIPS CS300-S/BN-K
PROPELLERS	3000 mm diameters
SHAFTING	Cardan Shaft

ACCOMMODATION

Accommodation for 10 people, high-quality and great comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and four double crew cabins.

DECK EQUIPMENT

FORE TOWING WINCH

DMT anchor combined, double gypsy, double drum hawser winch with two warping head.

High pull / low speed / 1st layer : 500 kN / 0-20m/min

Low pull / high speed / 1st layer : 200 kN / 0-40 m/min

AFT TOWING WINCH

DMT hydraulic operated single drum tugger winch

Force and speed ranges : 100 kN at 16.5 m/min
 37 kN at 45 m/min

Brake holding force in 1st layer : 269kN

DATA quick release disc type towing hook

DATA HIDROLIK DTP125H

1 x 600 kg (HHP) Short link chain 26mm Gr 3

PALFINGER SWL 4t @ 8.0m

PALFINGER SWL: 2t @ 3.0 m

ZODIAC RIBO 420

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

TOWING HOOK

TOW PIN

ANCHORS & CHAIN

DECK CRANE

RESCUE BOAT CRANE

RESCUE BOAT

FENDERS

AUXILIARY EQUIPMENT

GENERATOR SET

2 x SCANIA 315kW @1500rpm 50Hz

FRESH WATER SYSTEM

Hydrophore and UV filter combined heater

MACHINERY COOLING SYSTEM

Plate cooler type (opt. box cooler type)

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 SFP250x350

Capacity; 1378 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 (Remote Controlled)

RADAR

JRC: JMA-5310-6

GPS NAVIGATOR

JRC: NWZ 4570

AIS CLASS A

JRC: JHS 182

MAGNETIC COMPASS

SESTRELINE SCH 146

NAVTEX

JRC: NCR-333

SART

JOTRON 96960

EPIRB

JOTRON TRON 40S

AUTOPILOT

NAVITRON: NT991G-CMZ 700S

INTERCOM

PHONTECH MS-16D

VHF

JRC: JHS 770S

INMARSAT-C

JRC: JUE 85

ECHO SOUNDER

JRC: JFE 380

SPEED LOG

JRC: JLN 205