

**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 <sup>3</sup>
FRESH WATER	139,2 m <sup>3</sup>
SEWAGE WATER	4,50 m <sup>3</sup>
GREY WATER	4,50 m <sup>3</sup>
OILY WATER	4,60 m <sup>3</sup>
LUBRICATION OIL	2,10 m <sup>3</sup>
FOAM	36,3 m <sup>3</sup>

## 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 / 0-20 m/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 DTP12SH

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
FIRE SYSTEM	1 x M/E driven fi-fi pump SFP250x350 Capacity; 1378 m <sup>3</sup> /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