

**MED-A2885**

Restar 2800



## GENERAL

DESIGN	Robert Allan Ltd. RAStar2800
BASIC FUNCTIONS	Towing, pushing, escorting, mooring, fire-fighting
CLASSIFICATION	RINA; C ❌ HULL ❌ MACH
	Escort tug - fire-fighting ship 1 - water-spraying
	Unrestricted navigation - AUT UMS - INWATERSURVEY

## DIMENSIONS

LENGTH O.A.	28,40 m
BEAM	13,00 m
DEPTH	5,40 m
DRAFT <sub>EXTREME</sub>	5,70 m
GROSS TONNAGE	< 500

## TANK CAPACITIES

FUEL OIL	153,00 m <sup>3</sup>
POTABLE WATER	20,40 m <sup>3</sup>
FRESH WATER	48,90 m <sup>3</sup>
SEWAGE WATER	5,80 m <sup>3</sup>
GREY WATER	5,80 m <sup>3</sup>
OILY WATER	4,00 m <sup>3</sup>
LUBRICATION OIL	2,50 m <sup>3</sup>
FOAM	7,90 m <sup>3</sup>

## PERFORMANCES

BOLLARD PULL	75 tons
SPEED	12 knots (approx.)

## PROPULSION SYSTEM

MAIN ENGINES	CATERPILLAR 3516E: 2x2100 kW @1600 rpm
EMISSION STANDARD	IMO Tier II (Tier III Ready)
AZIMUTHING STERN DRIVE	KONGSBERG US 255S FP with slipping clutch for FIFI 1
PROPELLERS	2800 mm diameters
SHAFTING	Carbon Fiber Shaft

## ACCOMMODATION

Accommodation for 8 (Opt. 10 people) people MLC-compliant high-quality and great comfort accommodation is climate-controlled and includes a master cabin, an officer cabin, and four double crew cabins.

## DECK EQUIPMENT

### FORE TOWING WINCH

KONGSBERG Heavy duty escort towing winch with two drum  
Brake Holding Load @ 1st Layer: 250 tonnes  
Recovery  
Nom. pull / low speed /1st layer : 72t / 11 m/min  
Nom pull / high speed /1st layer : 14t / 49 m/min  
Rendering  
Nom. pull / low speed /1st layer : 101t / -48 m/min  
Nom pull / high speed /1st layer : 23t / -91m/min

### AFT TOWING WINCH

KONGSBERG Hydraulic towing winch with warping head  
Brake Holding Load @ 1st Layer: 200 tonnes  
Recovery

Nom. pull / low speed /1st layer :31t / 13 m/min  
Nom pull / high speed /1st layer : 6t / 57 m/min

### AFT TOWING HOOK

DATA quick release disc type towing hook  
Type DTH 90-135 P ,SWL 100 tons

### ANCHORS & CHAIN FENDERS

2 x 495 kg (HHP) Short link chain 20.5 mm Gr 3  
Rubber, Cylinder, W and D type fendering

## AUXILIARY EQUIPMENT

GENERATOR SET	2 x CATERPILLAR 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 and Hot climate package
FIFI 1 SYSTEM	2x M/E driven fi-fi pump Capacity; 1350 m <sup>3</sup> /hr. 2 x Monitor : Foam/water monitor with remote operated, electric controls

## NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS	A2 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  
RESCUE BOAT CRANE & RESCUE BOAT