

**UZMAR®**



**ASD TUGBOAT**

**RAstar 2800**





# SUSTAINABLE AND EFFICIENT

RAstar 2800 ASD TUGBOAT



# ASD TUGBOAT

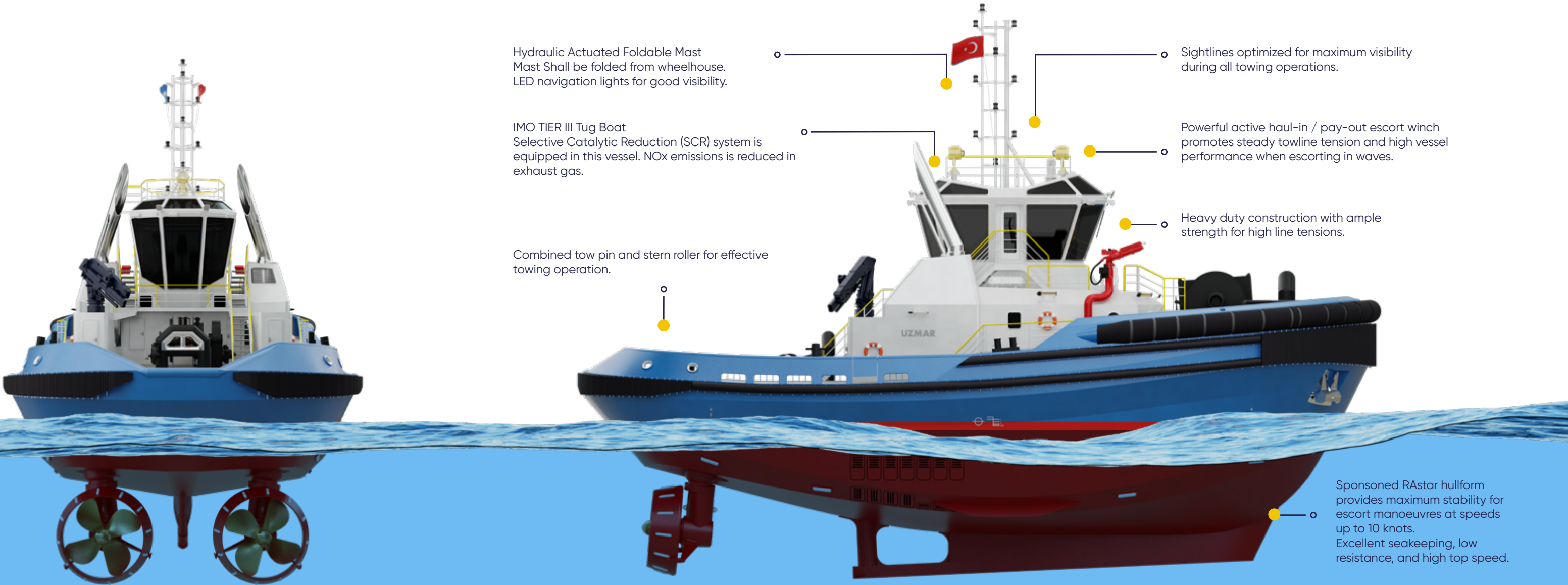
## RAstar 2800

<b>LOA (EXCLUDING FENDERS)</b>	: 28.40 m
<b>BEAM</b>	: 13.0 m
<b>DRAFT MAX</b>	: 4.10 m
<b>DRAFT NAVIGATIONAL</b>	: 5.90 m
<b>MAIN ENGINES</b>	: 2 x 2,560 kW
<b>BP</b>	: Up to 85 TONNES
<b>MAX. SPEED</b>	: 12.5 KNOTS
<b>PROPULSION</b>	: Up to 2800mm diameter FP or CP Azimuth Thrusters
<b>GENERATOR</b>	: Min. 2 x 88 ekW (based on load analysis)
<b>FIRE FIGHTING</b>	: FiFi 1 with water spray / Main engine driven pump
<b>ACCOMMODATION</b>	: Up to 10 PERSONS
<b>GROSS TONNAGE</b>	: < 500
<b>FUEL CAPACITY (m³)</b>	: 139 m³
<b>DIESEL EXHAUST FLUID</b>	: 9.0 m³
<b>FRESH WATER CAPACITY (m³)</b>	: 20 m³
<b>FOAM</b>	: 11.9 m³
<b>GMDSS</b>	: A1-A2-A3

### Features:

Ultimate operational flexibility and a level of safety not achievable with a smaller vessel.  
Widened aft-deck area for safer operation.  
High maneuverability and sea-keeping.  
Superior sea-keeping and the most capable escort performance of any <500 GRT ASD tug.

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# BEYOND EXPECTATIONS

The RAstar 2800 Class tugboat is twin Z-drive, high speed diesel-powered terminal support/escort tug designed for maximum efficiency in the performance of ship-handling duties for tankers, bulk carriers, container ships and related terminal support duties. The design is based on an intended operation with a high standard of machinery automation.

Though the layouts are developed to match the most commonly acceptable manning standards, the accommodation can be adapted to meet any compatible requirement.

This state of the art tug is capable of safely performing all kinds of ship-handling operations, including berthing, unberthing, and escort duties even in extreme weather conditions.

The tug is also fully equipped for terminal standby roles with a Fi-Fi 1 external fire-fighting system, and a towing equipment package suitable for rescue towing missions.





# SAFETY SAILING

RAstar 2800 is equipped with accurate instruments that is fully compliant with IMO recommendations of all governments.

She is outfitted with optimised, ergonomic, special designed Bridge consoles.

Bridge consoles are outfitted with remote controllling of Main Engines, Propellers, Winches, Navigational and Electronic Equipments, GMDSS, Internal & External communication equipments, Fi-Fi system and etc.

The vessel's IMO Tier III Engines, Controllable Pitch Propellers, FWD Escort Winch, Aft Towing Winch, Towing Pin/Stern Roller, Fi-Fi System, Foldable Hydraulic Mast, JRC Make Bridge Navigation Equipments, LED Type Internal&External Lighting, LNG Compatible Equipments, LED Type Navigation Lights are installed to the bridge for remote controllling, easy communication and controlling all the system which provide benefits to the captain.

RAstar 2800 is designed according to SOLAS Access plan which provide extra safety for crew.



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## UZMAR GEMİ İNŞA SAN. VE TİC. A.Ş.

Kocaeli Serbest Bölgesi Sepetlipınar SB Mah.  
102. Cad. No:14-16 41090 Başiskele, Kocaeli, Türkiye  
Phone : +90 (262) 341 45 10 (pbx)  
Fax : +90 (262) 341 45 12  
E-Mail : info@uzmar.net  
Web : www.uzmar.com

## İSTANBUL OFFICE

Soğanlık Yeni Mah. Balıkesir Sok. Uprise Elite  
Residence K:37 D:306 Kartal, İstanbul / Türkiye  
Phone : +90 (216) 405 21 01 (pbx)  
Fax : +90 (216) 405 21 04  
E-Mail : sales@uzmar.net  
Web : www.uzmar.com