

DAMEN SHIPYARDS MANGALIA

NEWBUILD AND SHIP REPAIR AT THE BLACK SEA





Damen Shipyards Mangalia, a joint venture between Damen Shipyards Group and the Romanian Government, is perfectly positioned and equipped for steel vessel construction, major conversions and ship repairs to the high standards demanded by the offshore industry. This ship repair and newbuild yard is the biggest one on the Black Sea and East-Mediterranean.

The yard's three drydocks (302 x 48, 320 x 48 and 360 x 60 metres) are well suited to both newbuild and repair & conversion projects.

Damen Shipyards Mangalia has extensive facilities and experience and a highly skilled workforce, well versed in complex shipbuilding and repair projects.

FOR NEWBUILD AND SHIP REPAIR

Health & safety

Damen Shipyards Group is committed to providing a safe workplace for its employees and contractors, everyday, everywhere. Our activities demand the active implementation of comprehensive health, safety and environmental policies to protect all working at our premises and minimise our ecological footprint.

Quality

Damen Shipyards Mangalia has the following accreditations and certificates:

- ISO 9001:2008
- ISO 14001:2004
- OHSAS 18001:2007

DRYDOCKS DRY DOCK No. 1 DRY DOCK No. 2 DRY DOCK No. 3 320 m 360 m 60 m

13 m GANTRY CRANES 2x 480 t (for dry dock No. 1 & 2) 1,000 t

QUAY A QUAY B **QUAY C BERTHS** LENGTH 620 m 430 m 500 m 5.0 - 8.0 m $5.0 - 8.0 \, \text{m}$ 5.0 - 8.0 mDRAFT 15 t, 50 t 15 t, 120 t 50 t, 50 t

2x 120 t, 50 t, 16 t (for dry dock No. 1 & 2)

- Materials building
- Treatment line shop

CRANES

CRANES

- Steel Stock Yard
- Cutting & Assembly shop
- Unit Module & Galvanization shop
- Hull offices building
- Class & owner offices building
- Outfitting & hull shop
- Outfitting building Hatch cover grand assembly area
- Pre-erection platform
- Accommodation preoutfitting shop
- Engine assembly shop
- DD2 Gate offices building

- R M/E storage shelter New grand assembly platform
- New panel block shop
- Main entrance
- Main office
- W New blasting & painting cells
- Blasting cells
- Ship repair office / Ship repair outfitting Mechanical shops

2x 50 t, 2x 16 t

- AA Painting cells
- BB Steel outfitting blasting cells
- CC Maintenance building
- DD Ship repair electrical shop & Maintenance









Location and facilities

On the Black Sea, 180 miles from the entrance to the Bosphorous Strait, Damen Shipyards Mangalia is ideally located close to major shipping routes.

The yard is situated in a non-tidal port, has a moderate dry climate and offers

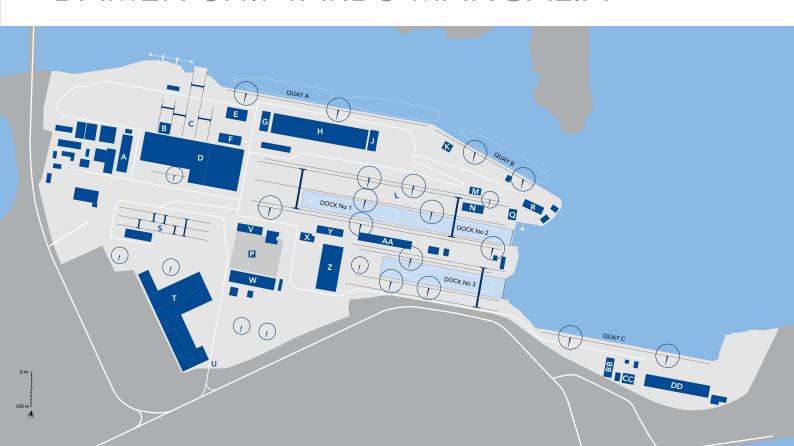
water depths to a maximum of 8 metres at quayside and 6 metres at port entry. Covering an area of 980,000 m² Mangalia is the biggest yard within the Damen Shipyards Group.

The docks are outiffted with two

480 tonne and one 1,000 tonne gantry cranes as well as nine cranes ranging from 16-120 tonnes.

The extensive steel, machine and piping shops are well equipped and the yard offers offers 6,500 m² of storage area.

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Damen Shipyards Group operates 35 shipbuilding and repair yards and delivers vessels and components in over 100 countries. Based on its unique, standardised ship-design concept Damen is able to guarantee consistent quality.

Furthermore, modular construction, keeping vessels in stock and thorough R&D leads to short delivery times and reliable performance. Damen offers a wide range of products, including tugs, workboats, naval and patrol vessels, high-speed craft, cargo vessels, dredgers, offshore vessel, ferries, pontoons and superyachts.

In addition, Damen Shiprepair & Conversion has a worldwide network of 18 repair and conversion yards with dry docks ranging up to 420 x 90 metres, carrying out 1,350 repair, conversion, refit and maintenance projects annually.



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