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BALTIC FIN

Since commencing with the construction of seagoing cargo vessels in 1981, Damen Shipyards Group has delivered more than 250 such vessels.

Decades of experience and investment in research and development have been fed into the designs, resulting in a comprehensive range of seagoing cargo vessels that enjoy a reputation for flexibility, high quality, excellent loading, fuel efficiency and attractive pricing.

As well as standardised, we can also provide customised designs to meet specific requirements. Damen maintains a dedicated Seagoing Transport division, giving our customers a single point of contact for expert advice and support.



GLOBAL PRESENCE AND SUPPORT

Founded in the Netherlands

A family business founded in 1927 in the Netherlands, Damen operates 35 shipbuilding and repair yards, and employs 12,000 people worldwide.

Damen has delivered over 7,000 vessels to more than 100 countries and typically builds around 175 vessels annually. Due to its unique, standardised ship-design concept, Damen is able to guarantee consistent quality.

Pamen newbuild yard Damen Shiprepair yard Damen Technical Cooperation yard Damen Service Hub

C Damen Company

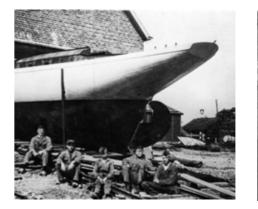
THE DAMEN STANDARD

Design & building philosophy

Damen has been refining its shipbuilding skills and craftsmanship for more than 90 years. Our Chairman, Kommer Damen is a true pioneer in the maritime industry, having introduced the standardised shipbuilding concept back in 1969. He understood that this concept gave Damen customers the benefit of being able to order vessels from stock, ensuring a swift delivery.

Extensive R&D and input from our customers over the generations means that Damen vessels continually evolve and improve. Damen vessels are based on proven designs and guaranteed to be built to the highest quality standards, resulting in unbeatable performance, which in turn leads to maximum uptime and the lowest total cost of ownership.













>>> Research & Development

The standardised shipbuilding concept has significant implications for Damen's RD&I activities. Anticipating market needs in the development of standard vessels enables us to implement state-of-the-art features within new designs. Building vessels in series has also allowed us to develop extensive RD&I programmes that ensure continual knowledge and product evolution and enable the adoption of robust and reliable breakthrough technologies.

Innovation

Innovation is in Damen's DNA. The standardised shipbuilding concept and the Sea Axe hull are just two examples of our contribution to developments in the maritime industry. Innovation remains a key focus in all that we do.

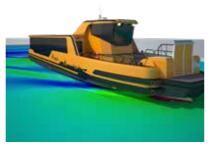
Modularisation & One-offs

Standardisation does not imply a set approach with no flexibility. Damen is also experienced in the production of custom one-off vessels. Additionally, an extremely wide range of modular options is available for the standardised ship portfolio, ensuring vessel optimisation whatever the task.

















DAMEN'S BACKBONE

Research, Development & Innovation

Our RD&I programmes have led to many groundbreaking innovations. Commitment to continuous improvement reduces the environmental impact of our products over their entire lifecycle. Digitalisation of Damen products and services is an important part of our efforts. The potential of big data, almost limitless computational power and cloud computing enable us to develop lifelike simulation models, which we use to predict vessel performance. Damen acts at the forefront of knowledge and innovation, enhancing sustainability and digitalisation at every opportunity.



NAVIGATING TO ZERO

Sustainability

Our dedication to our environmental, social, and economic responsibilities includes always working within the law and voluntarily exceeding legal requirements. We seek to be innovative and to demonstrate leadership in relation to sustainability, understanding the importance of this for our future and for that of our stakeholders.

Navigating to Zero

We design, manufacture, repair, and service maritime solutions that enable a positive outcome for our employees, clients, local communities, and suppliers, while preserving our oceans and waterways.

Sustainable Solutions

It is the nature of our business that our products and services have a significant impact on the world around us. This is because of the materials we use, the extended lifetimes of our products and the processes occurring at the end of their lifecycle. This is why we integrate sustainability as early as possible into the design of our vessels, making the transition to the circular economy a priority.

>>> Sustainable Operations

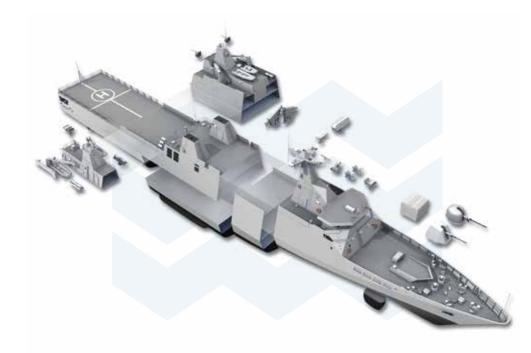
Being aware of the impact that we, as a company, have on the environments in which we operate and the people within them, is a major part of keeping our house in order. We are committed to reducing this impact, keeping people safe, providing good working conditions, and engaging with the local communities around us.

Sustainable Organisation

Becoming the most sustainable shipyard means transforming the Damen organisation now and ensuring it remains responsive in the future. It means building a strong organisation where the principles of sustainability are fully embedded across all our businesses.

KEY TO SUCCESS

Modular approach



Building standard vessels in a series gives our clients fast access to proven, reliable technology. Our standard designs can be tailored to individual needs via modular construction, so our clients receive the ideal vessel, whatever challenge they are facing. Standard designs can always be equipped with various options to suit specific tasks.

Benefits of modular building

- Fast response to customer requests
- Competitive pricing
- Tested and proven technology
- Continuous product development
- Interchangeability of ships, crews, spares
- Lower maintenance costs
- Guaranteed performance



PROVEN TECHNOLOGY, PROVEN QUALITY

Modular building

At Damen shipyards all over the world, the standardisation process is most evident in the production of tugs. Stateof-the-art equipment and facilities result in the construction of proven. reliable vessels in the fastest possible timeframe. A wide range of standard and modular options is available for the efficient construction.

standardised ship portfolio, ensuring vessel optimisation whatever the task. In the case of working with thirdparty yards, we cooperate closely with the partner, developing a unique programme for each project that leads to the optimal use of yard space and

FINANCIAL SERVICES

Financing and leasing

Damen Financial Services offers a wide range of financing arrangements for all types of Damen vessels, equipment, and products.

Supporting all kinds of clients

Damen Financial Services supports everything from start-up companies to large entities, as well as government bodies.

Relevant financial solutions

For complex and larger projects, a buyer's credit is applied. For smaller, standard projects a supplier's credit is more feasible. Additionally, our customers are able to lease Damen vessels via Damen family-owned leasing companies. For special purpose companies, Damen Financial Services can provide support through project finance. This is based on projected cash flows related to contracts and anticipated contracts.

Strong financial network

For more than 40 years, Damen Financial Services has dedicated itself to arranging export loans and leasing facilities. During this period, we have developed longstanding relationships with national and international commercial banks, export credit insurers (e.g. the Dutch Export Credit Agency Atradius), investors and multilateral institutions.

Some of the major benefits are:

- Saving costs due to favourable loan durations, down payments, and interest rates relative to local market conditions.
- > A user-friendly service. Damen Financial Services will arrange the most suitable financial package on behalf of our clients. This includes assisting with the application and required documentation and conducting the necessary risk assessments.
- Our market knowledge and financing experience offers access to a wide range of relevant financial solutions.





BUYING AND SELLING

Trading & Chartering

Damen Trading is the specialised sale and purchase broker within Damen. Over the years, Damen Trading has gained extensive experience in vessel brokerage and trade-in services.

For customers, this results in a comprehensive service before, during, and after the acquisition of a vessel.

THINK GLOBAL, ACT LOCAL

Damen Technical Cooperation



Damen can assist customers in building Damen vessels locally via Damen Technical Cooperation (DTC).

This highly flexible option results in a valuable transfer of technology and enables owners to enjoy Damen quality combined with the convenience of local production.

Since DTC was established, over 1,000 vessels have been produced locally in more than 70 countries worldwide. Damen can deliver everything from the licence and vessel design to a full material package and if necessary, turnkey solutions based on client requirements. DTC's scope covers the entire Damen portfolio.



Design & Licences

- ▶ Basic and/or detailed designs provided ▶ Renowned suppliers
- Proven design



- Advanced logistics



- Transfer of knowledge/technology

SEAGOING VESSELS SINCE 1981 Seagoing Transport



FOR TRANSPORT OF DRY CARGO, CONTAINERS AND PROJECT CARGO

Multipurpose cargo vessels

Damen multipurpose cargo vessels are based on proven, standard designs to offer optimal reliability and outstanding seakeeping characteristics to your operations. The designs have evolved over the years based on client feedback and ongoing product development.

The result is a range of vessels, from 2,750 dwt to 12,000 dwt, providing maximal cargo carrying capacity and functionality with the lowest possible environmental impact. With their box shaped holds, the vessels are suitable for a wide range of cargo including bulk, steel, steel coils, containers, and forestry products.

In the development of the range, we have paid close attention to ensuring a modern, high standard of crew comfort. This includes low noise and vibration, fast internet connection and onboard privacy.

Available options:

- Self-cleaning separator
- Tween deck panels
- Hydraulically operated fore mast
- VSAT
- ➤ Emergency generator 111 kWe
- ▶ DACS (Damen Air Cavity System)
- ▶ Remote control ballast system
- > Store cranes on hatch cover crane (1000kg)
- Dangerous goods

Green options:

- ➤ Hybrid PTO PTI system
- ➤ Energy storage system (Battery pack)
- Battery room prepared
- Connection for External Power Source (Battery pack)
- ➤ Shore connection 130 kW
- Ventofoil (prepared)
- Biodiesel
- Thermal Energy Savings
- Duct
- ▶ DACS (Damen Air Cavity System)



General

 Length o.a.
 90 - 145 m

 Deadweight
 2.750 - 12.000 t

 Beam mld
 11.5 - 19.0 m

 Draught
 2.8 - 8.0 m

 Speed
 10.5 - 15.5 kn



FOR THE TRANSPORTATION OF ALL CONTAINER SIZES

Container feeders

Our Container Feeders have evolved over the generations, and today represent a solution that is simple to operate, easy to maintain, and optimally cost-efficient. The vessels offer excellent manoeuvrability and outstanding seakeeping characteristics, while the standard designs can be outfitted to meet specific client requirements.

The vessels also provide the highest levels of onboard comfort with modern furniture, low noise and vibration and fast internet connectivity. Environmental sustainability is an important part of the design, and we offer a number of standard options to help significantly reduce emissions.

Damen Container Feeders are designed to carry all container sizes – 20, 30, 40, 45ft plus high cube (HC) containers. To facilitate fast loading and unloading we have developed moveable guide lines easily adapted to different container sizes and ensuring maximum port efficiency.

Available options:

> VSAT

Green Options:

- ➤ Hybrid PTO PTI system
- Energy storage system (battery pack)
- ▶ Battery room prepared
- Connection for external power source (battery pack)
- ➤ Shore connection 130 kW
- Ventofoil (prepared)
- ▶ Bio-diesel
- ▶ DACS (Damen Air Cavity System)
- Thermal energy savings
- Duct



General

Length o.a. 140- 150 m

Container Intake: 800-9200 TEU

Beam mld 21.8 m

ht 7.0 m

17 kn





FOR SEAGOING TRANSPORT OF LIQUID CARGO AND MINERAL OILS

Product tankers

Our product tankers provide transportation of a wide variety of liquid cargoes including crude oil, refined products and chemicals. Application of high-quality materials and conformity with the latest regulations ensures the capability to safely carry both 'clean' and 'dirty' liquids.

Reliability, excellent manoeuvrability and ease of operation come courtesy of the tankers' standard design. The versatile character of the vessels means they can be outfitted to specific client requirements.

The tankers feature a highly efficient loading and discharging system based on expert input from operators. Crew comfort is also a crucial feature. The vessels are designed according to the latest safety regulations and accommodation is provided in modern, spacious single cabins.

Available options:

- ➤ VSAT
- Diesel-electric
- Portable tank wash
- Gas freeing system
- > IMO II / IMO III
- Blending installation
- ➤ Cargo tank heating system + coils
- Cargo tank cleaning system
- Oil discharge monitoring system
- Closed ventilation system provided with two vapour return systems
- > Fixed or portable gas freeing fans
- ▶ Pipeline purging installation
- Yokahama fenders

Green Options:

- ▶ Hybrid PTO PTI system
- ➤ Energy storage system (battery pack)
- Battery room prepared
- ➤ Connection for external power source (battery pack)
- ➤ Shore connection 130 kW
- Ventofoil (prepared)
- Biodiesel
- ▶ DACS (Damen Air Cavity System)
- Thermal energy savings



General

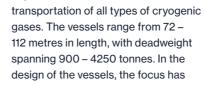
50 - 110 m

700 - 8.500 t

9.5 - 17 m

2.6 - 7 m

8.5 - 12 kn



consumption. In addition to reduced OPEX, this also ensures the vessels are suited to a modern, low emissions operation. An additional feature is the successful implementation of an efficient solution for LNG bunkering.

The standard design of the vessels offers reliability, outstanding manoeuvrability and ease of operation, while retaining the versatility to meet

specific client requirements. Available options include a reliquification plant and gas combustion unit (GCU). The carriers feature a highly efficient loading and discharging unit based on operator input. Another theme is crew comfort; accommodation is provided in modern, spacious single cabins.





General

11 - 18 m

Available options:

➤ Reliquifaction plant

▶ GCU (gac combustion unit)

3-5 m

72 - 112 m

900 - 4250 t

10 - 12.5 kn



FOR TRANSPORTATION OF ALL LIQUEFIED (CRYOGENIC) GASSES

Liquefied Gas Carriers

Damen has developed a range of Liquified Gas Carriers for the safe been on combined safety and efficiency.

The carriers meet all the latest safety requirements while offering minimal fuel



(OFF)SHORE TO (OFF)SHORE TRANSPORTATION

Damen Offshore Carrier

The Damen Offshore Carrier (DOC) is primarily designed for (off)shore to (off)shore transportation and installation with excellent RoRo features and a highly efficient ballast system. The vessel is suited to multiple markets and can offer up to 65 days endurance year-round.

The DOC can also be used for installation modules such as cable transport, support works etc. Modules can be placed during the building stage or during operation.

The sleek bow allows sustained speed in head seas and excellent seakeeping behavior in rough seas, with reduced fuel consumption. Slamming has been reduced to a very low level, providing advanced safety and comfort.

Comfort is further boosted by high quality accommodation. A flexible, standalone accommodation unit of 30 people can be installed to increase the total number from 29 to 60 persons.

Available options:

- ▶ DP2 helicopter deck (sikorsky S76/S92)
- > Bunkering facilities
- Additional accommodation + 30p (total 59 persons)
- Cranes
- Active roll damping
- ▶ Retractable bow thruster
- Ice class



General

Displacement 5000 - 11000 t

Beam mld 24.4 - 32.25 m

Draught 5.45 - 6.2 m

Speed 11 - 12.5 kn



SEAGOING HEAVY LIFT TRANSPORTATION

Heavy Lift

Damen is experienced in the design and construction of safe, efficient heavy lift solutions for both transport and installation. Our heavy lift vessels incorporate the latest innovations in sustainability and state-of-the-art lifting equipment. We develop our vessels in close cooperate with our clients, coproduction partners and/or suppliers. In this way, we pair the specific requirements of each project with the proven solutions of our series building philosophy, thereby ensuring extreme flexibility in component and lay-out choices.

Features:

- 2x cargo cranes 800 ton/28m (SB), 32m (PS), 600 ton/34m
- ➤ Stabilizing pontoons for lifting 1600 ton/14m
- Accommodation 19 persons
- 2x Life boats
- 2x Shaft generator 2x 3750 kVA
- ➤ Weather deck hatch covers: 12t/m2 / 8t/m2
- Tween deck hatch covers: 7 t/m2

Options:

- **▶** DP-2
- ➤ Modular accommodation extension



General

Length o.a. Beam mld.

26.50 m sign) 6,50 m

Draught (scantling) 7,50 m

Deadweight 8150 ton at 6,50 m,

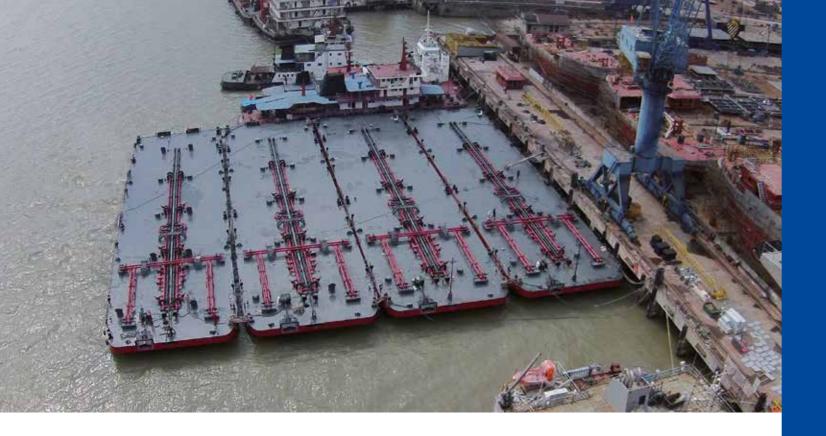
11.400 ton at 7,50 m

U



143.10 m





FOR TRANSPORT AND TRANSSHIPMENT

Pontoons & Barges

Our pontoons and barges are based on the Damen philosophy of standardised shipbuilding. The range is comprised of 24 different sizes, ranging from the B08 (8 metre beam) to the B36 (36 metre beam). These vessels are available in a wide range of configurations. Furthermore, to meet specific requirements, we are also able to produce customised versions.

We build our pontoons and barges for stock in order to facilitate the fastest possible delivery times for optimal convenience. In many cases, delivery of a barge or pontoon can take place within a few weeks, or even a matter of days.

To be used for

- General deck cargo
- RoRo pontoon
- ➤ Semi-submersible pontoon
- Spud pontoon
- Crane pontoon
- Offshore support pontoon
- ➤ Rock dumping pontoon

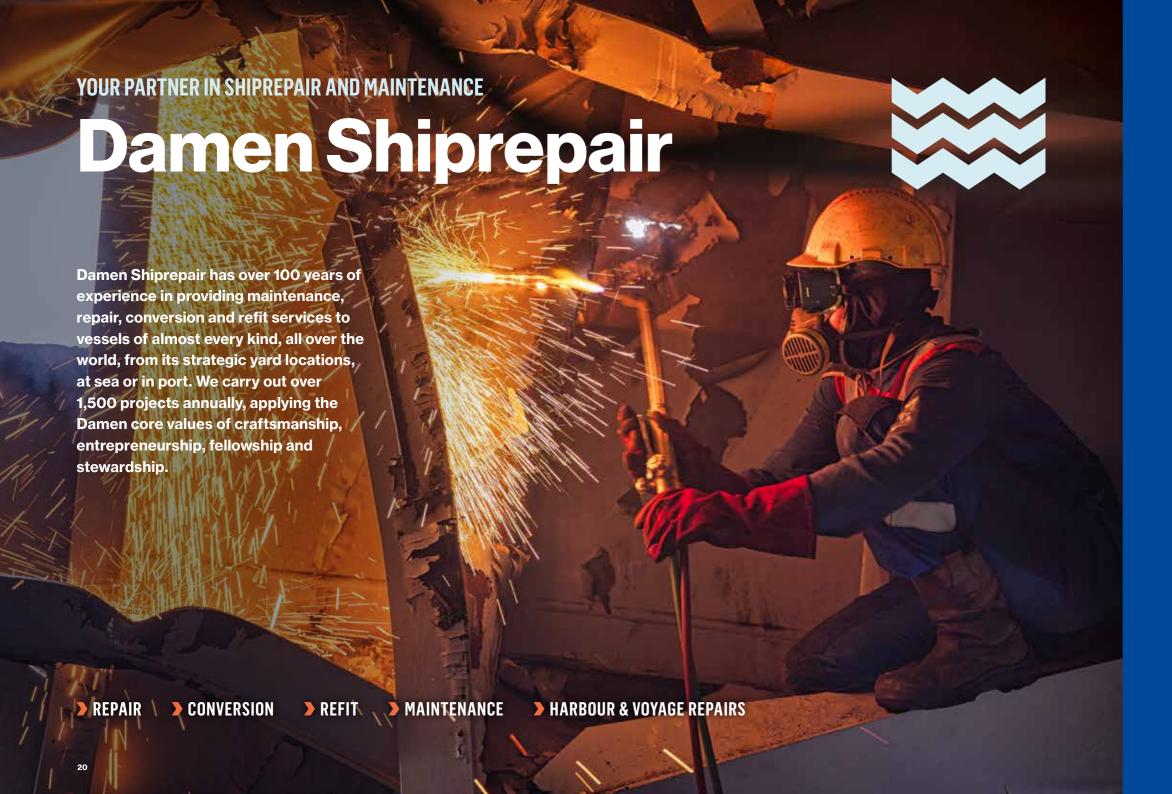
Standard features

- Towing brackets
- Bollards
- Draught marks
- > Emergency towing pin
- Boarding
- Cathodic protection
- Ramp recesses
- Lifting eyes

Optional equipment

- Mast
- ▶ Fender system
- Towing bridle
- Recovery winch
- ➤ Anchor/mooring winch
- ▶ Emergency anchor
- Emergency towing wire
- 2 Linergency towning wife
- Anti-fouling paint system





ANYWHERE, ANYTIME

Our services

The Damen Shiprepair scope covers the entire lifecycle - from first scheduled service through to decommissioning and disposal. It is always our aim to do the verybest that is possible. This philosophy runs through everything we do.

Maintenance & repair

Maintenance is crucial. We have the capabilities to deliver the most challenging projects to the highest standards, on time and on budget. Damage is inconvenient and expensive. That's why we ensure a quick, safe and commenced a programme to facilitate reliable service to get you underway again as soon as possible.

Conversion & (green)refit

Benefit from our track record in providing reliable, efficient and innovative conversion services on diverse types of vessels. A Damen refit can turn back the hands of time and give you a completely refreshed vessel compliant with current regulations and To be installed in Rotterdam equipped with the latest technology.

Green solutions

We offer a one-stop-shop for ballast water treatment systems, emission scrubber and LNG propulsion retrofit.

Harbour & Voyage

Wherever you are, whenever you need us. Our mobile repair squad is there to serve you 24/7.

Shiprepair is your partner in the dismantling and recycling of old vessels and offshore structures.

Shorepower

Working towards our goal to become the most sustainable maritime solutions provider, we have ships >5000 gross tonnage with high Ampere shore power. With this, we support our clients in reducing their emissions, thereby meeting their Carbon Intensity Indicator (CII) obligations and lowering the costs of the Emission Trading Scheme (ETS).

- > In Vlissingen already installed
- In Amsterdam already installed



LIFECYCLE SUPPORT

Damen Services



Damen Services cares for your fleet with a wide-ranging portfolio of customer support and after-sales services covering a vessel's complete lifecycle.

Where you need us, when you need us; we support you from deployment to decommissioning. Our diverse service options help you achieve your up-time and reliability goals whilst ensuring low lifecycle costs. Our global service network and availability guarantee a swift response.



START-UP **GETTING YOU GOING**

Ship Delivery

Through our worldwide service support network and knowledge of transport contracts, we offer comprehensive logistics to handle own-keel, heavy-lift, towage, and semi-submersible transport deliveries.



Warranty Support

Our philosophy of building long-term relationships with our clients extends to providing excellent warranty support. During the warranty period, we regularly visit our clients to ensure satisfaction with our products. In the event of a problem arising, we are well-placed to solve it swiftly.



Technical Documentation

Our professional and experienced in-house team provides all the technical documentation you need for safe, smooth and efficient operation that maximises the life of your vessel.



Our fleet support solutions make sure you can concentrate on your core business. We help you in achieving a reliable performance through offering remote support, the use of technological developments and total lifecycle support.



Our training programmes help to ensure your employees are skilled, motivated, and committed. This approach helps you to reach the all-important goals of reduced operational costs and improved vessel uptime.



Integrated Logistics Support

Integrated Logistics Support (ILS) helps you to improve availability and maintainability of your fleet and assets.



Technical Assistance

Damen Services delivers the technical assistance to ensure optimal performance throughout the entire lifecycle of your vessel. Our specialities cover problem solving, short, well organised docking periods and high quality maintenance and repair.



Parts & Equipment

Damen Parts Services offers competitive prices and efficient deliveries. Over the years we have built up strong purchasing power and a considerable supplier network. Thanks to our network of global Service Hubs, we can guarantee short response times.



Repair & Conversion

Our established global sales network provides you with dedicated repair and conversion contacts to assist, whatever your requirements may be.

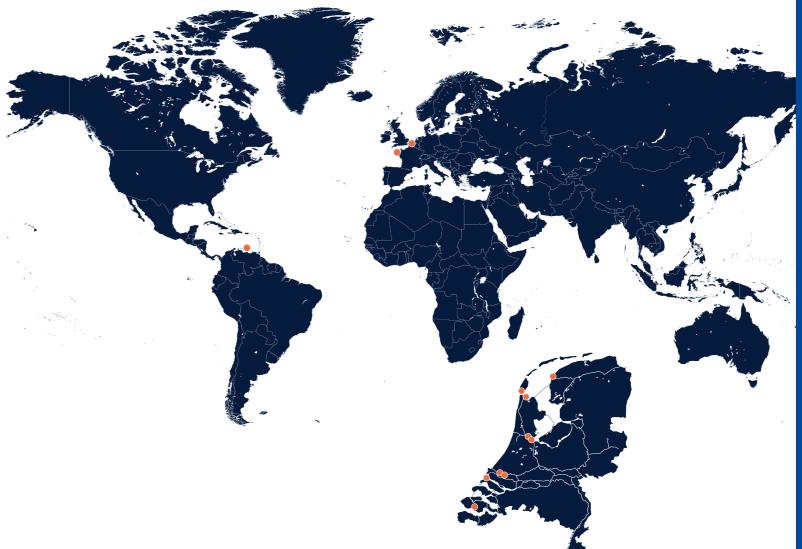


Services Portal

The Damen Services Portal is an online platform that makes it easy for everybody involved in operating, maintaining and managing vessels to stay on top of their job.

GLOBAL PRESENCE

Shiprepair yards



Shiprepair

Europe, France

Damen Shiprepair Brest Damen Shiprepair Dunkerque

Europe, The Netherlands

Damen Shiprepair Vlissingen Damen Shiprepair Rotterdam:

- Location Schiedam
- Location Botlek (former Verolme) Damen Shiprepair Amsterdam Damen Shiprepair Oranjewerf Damen Shipyards Den Helder Damen Shiprepair Harlingen

Damen Shiprepair Curação



TRITON PLATFORM

Damen Digital Solutions

In this age of connectivity we have developed Damen Triton. With Triton, Damen builds a digital twin of the vessel. These twins contain all the elements that the real ship consists of and is connected to its sensors.

Operators can log in remotely to their vessel and see, in real time, where it is operating along with the particulars of its performance and condition. We offer the Damen Triton service to owners and operators of Damen and non-Damen vessels alike.

EQUIPMENT

Damen Marine Components



To guarantee our customers the optimal combination of vessel and equipment we design and manufacture a range of essential components that are vital for propulsion, manoeuvring and other critical functions. These include nozzles, winches and steering and rudder systems together with their controls, all of which have a significant impact on our global network of shipyards, we also customers' onboard experience.

We base our designs on performance data from the previous ships that we have built, combined with the knowledge performance of our clients' vessels. and experience within our network of vessel operators, research institutes

and other renowned partners. Together, this input forms the knowledge-base that underpins our premium standard product portfolio.

Our products are suitable for use on Damen and non-Damen vessels alike. As such, in addition to supplying our own work closely with third-party shipyards around the world. With a focus on quality and maximum user efficiency, Damen Marine Components ensures the optimal



DAMEN SHIPYARDS GROUP

A broad scope of vessels

General Summary: Damen Shipyards
Group operates 35 shipbuilding and
repair yards, employing 12,000 people
worldwide. Damen has delivered
over 7000 vessels in more than 100
countries and builds some 175 vessels
annually. Due to its unique, standardised
ship-design concept, Damen can
guarantee consistent quality.

How we build: Damen's focus on standardisation, modular construction and keeping vessels in stock leads to short delivery times, low 'total cost of ownership,' high resale values and reliable performance. Furthermore, Damen vessels are based on thorough R&D and proven technology.

Products & Services: Damen offers a wide range of products, including tugs, workboats, naval and patrol vessels, high speed craft, cargo vessels, dredgers, vessels for offshore industry, ferries, pontoons, and superyachts.

For nearly all vessel types, Damen offers a broad range of services, including maintenance, spare parts delivery, training, and the transfer of (shipbuilding) know-how. Damen also offers a variety of marine components such as nozzles, rudders, winches, anchors, anchor chains and steel works.

Damen Shiprepair has a worldwide

network of fourteen repair and conversion yards of which ten are located in North West Europe. Shiprepair has more than 40 floating (and covered) drydocks, including the longest at 420 x 80 metres, and the widest at 405 x 90 metres, as well as slopes, ship lifts and indoor halls. Projects range from the smallest simple repairs through to Class compliance, maintenance, complex refits and the complete conversion of large offshore structures. Shiprepair completes around 1,300 repair and maintenance jobs annually, both at yards, as well as in ports and during voyages executed by our dedicated Harbour & Voyage team.

Colophon

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