Decades of Damen’s experience and Research & Development have been fed into the designs and our pontoons and barges enjoy a reputation based on flexibility, high quality, excellent seakeeping abilities and attractive pricing.

There are many different configurations of Damen pontoons and barges available from stock. We aim to have the fastest delivery times for our customers’ convenience. Damen delivery times can be reduced to just a few weeks or even days - making them unbeatable. As well as a wide range of standard designs to facilitate speed of delivery, of course we can also provide a customised barge or pontoon if required.

Damen has a dedicated Pontoons & Barges Division so there is always one point of contact for our customers.

Damen Shipyards built its first barge in 1979 and since that time hundreds of pontoons and barges have been constructed for customers all over the world.
For each type of vessel Damen has developed a full standard range to meet customer requirements.

STANDARDISATION

KEY TO SUCCESS

Damen’s focus on standardisation is one of our fundamental corporate values. In 1969, Jan Damen handed the reins over to his son Kommer Damen. The modular building concept was one of the first initiatives Kommer Damen introduced after listening carefully to client feedback.

Four decades ago the standardisation concept was totally new in the shipbuilding industry and even today it is still unusual. In each of our niche markets – from tugboats to pontoons and barges – Damen has developed a standard range. However, although these vessels are based on a standard design, they can be equipped with a large range of options to meet specific customer requirements. Our standard designs can be tailor-made according to customer wishes or we can of course, start from scratch to design a unique vessel. All of these options are no problem with Damen’s far-reaching capabilities.

Advantages of standardisation

- Fast response to customer requests
- Competitive pricing
- Short delivery times due to stock hulls
- Reliability, proven and tested technology
- Continuous product development
- Interchangeability of ships, crew, spares
- Lower maintenance costs
- Guaranteed performance
- Benchmark for the industry
- High second-hand value

Optional equipment

- Ballast system pumps
- Generator sets
- Lightning (external and for the pump room)
- Winches, incl. anchor equipment
- Load on/load off ramps
- Propulsion system
- Cargo bin
- Fenders
- Spuds
- Construction equipment
- Small deck equipment

STANDARD OR CUSTOM-MADE

Damen is your partner for both standard designs and for unique custom designs. We have decades of experience, a diverse portfolio of products and all the in-house expertise needed. All of this will ensure the best end result.
Damen’s standardisation policy allows us to reduce delivery times substantially. We build a wide variety of standard vessels on our own account and keep them in stock. All of our standard designs are worked out to the smallest detail. Therefore Damen can deliver fully finished vessels very quickly and efficiently. The vessels are produced at our shipyards worldwide, close to our customers. This results in an efficient delivery process at the best price-quality ratio.

**HULLS IN STOCK**
**PROVEN DESIGN, SHORT TERM DELIVERY**

The delivery time of a Damen standardised vessel is considerably shorter than a conventionally built vessel due to years of refining the engineering, supply chain and hull fabrication processes.

**STANDARDISATION ENSURES SHORT DELIVERY TIMES**

**DAMEN STANDARD**

**CONVENTIONAL SHIPBUILDING**
Damen’s extensive R&D department represents a powerful force, especially when combined with the Dutch maritime technology cluster.

All Damen vessels benefit from thorough R&D from their initial design, throughout the vessel’s entire lifetime. Our team is continuously improving our vessels, making them faster, quieter, more cost-efficient and more environmentally friendly. Many years of research have also led to some truly pioneering designs such as the Enlarged Ship Concept and the Sea Axe.

Computational Fluid Dynamics (CFD) analysis and model testing techniques are used for the verification and optimisation of the hull shape. Finite Element Analysis is used for the structural analysis while 3D engineering facilitates the routing and lay out. Specialised design calculations are performed in-house and verified by real time trial data.

The Damen Stan Pontoon is heavily constructed to handle deck cargo and for various operations in inland waters, harbours, estuaries and for deep sea conditions. The pontoon has an especially strong construction, with extra local strengthening in the bottom fore and aft ship, deck and sheer strake. Except for the bollards, which are mounted on insert plates, the pontoon has a flush steel deck from fore to aft.

All Damen vessels benefit from knowledge gathered during ongoing research programmes within the Group. Damen works alongside world-renowned research institutes such as Delft University of Technology, Maritime Research Institute Netherlands (MARIN) and the Netherlands Organisation of Applied Scientific Research (TNO), as well as other reputed universities and leading maritime companies.

All Damen pontoons and barges incorporate the most state-of-the-art solutions for corrosion prevention. All steel parts are well rounded, there are no sharp corners and welding is done without overlap or undercutting. All areas are closed and easily accessible for preservation and maintenance. The decks are smooth and bevelled, making them easy to paint and to clean. And a top quality International Paint system is used.
The maritime industry recognises the increasing need for environmental awareness. Damen is proactive in developing sustainable and cost-effective vessels and services. Damen’s Research & Development department is continuously looking for sustainable manufacturing processes and product improvements.

**SUSTAINABILITY THROUGH THE ENTIRE LIFECYCLE**

The Damen Barges can be provided with a ballast water treatment system to protect the environment and prevent harmful, alien species entering the marine eco-system. The state-of-the-art system will be IMO-type approved and can also be retrofitted.

**GLOBAL PRESENCE FOUNDED IN THE NETHERLANDS**

**THE NETHERLANDS**
- Damen Shipyards Gorinchem
- Damen Marine Services
- Damen Trading
- Damen Schelde Naval Shipbuilding
- Damen Schelde Gears
- Damen Schelde Marine Services Vlissingen Amelis
- Bodewes Binnenvaart Millingen
- Damen Dredging Equipment
- Damen Marine Components
- Damen Anchor & Chain Factory
- Damen Shipyards Bergum
- Damen Shipyards Den Helder
- Damen Shipyards Hardinxveld
- Maaskant Shipyards Stellendam
- Damen Shipyrepair Rotterdam
- Damen Shipyrepair Vlissingen
- Oranjewerf Amsterdam
- Shippdock Amsterdam
- Shippdock Harlingen
- Van Brink Rotterdam

**FRANCE**
- Damen Shipyrepair Brest
- Arno Dunkerque

**POLAND**
- Damen Shipyards Gdynia
- Damen Shipyards Koźle
- Damen Marine Components Gdansk

**ROMANIA**
- Damen Shipyards Galati

**SWEDEN**
- Damen Shipyrepair Göteborg
- Damen Oskarshamnsvarvet

**UNITED KINGDOM**
- Brixham Marine Services

**BRAZIL**
- Wilson, Sons**

**CUBA**
- Damen*

**QATAR**
- Nakilat Damen Shipyards Qatar*

**SOUTH AFRICA**
- Damen Shipyards Cape Town

**U.A.E.**
- Albwardy Marine Engineering*
- Damen Shipyards Sharjah (FZE)*

**CHINA**
- Damen Marine Components Suzhou
- Damen Trading Suzhou
- Damen Yichang Shipyards*
- Damen Shipyards Changde
- Afaí Southern Shipyards**

**INDONESIA**
- PT Dumas**
- PT Pal**
- PT Steadfast Marine**

**SINGAPORE**
- Damen Shipyards Singapore
- Damen Schelde Marine Services Singapore

**VIETNAM**
- Damen Song Cam Shipyard
- Song Cam Shipyard**
- Song Thu Shipyard**
- 189 Shipyards**

* Joint venture  ** Business cooperation
Damen’s Stan Pontoon range, which currently comprises seven different standard sizes ranging from the B11 (11 m beam) to the B36 (36 m beam), provide the ultimate flexible working environment.

The entire range is available in different lengths. They are classified for worldwide use by Lloyd’s Register and can be configured to meet customer requirements.

Stan Pontoons are sturdy vessels built to proven designs. The Damen standard is supplied with a ballast water system, deaerators, tow brackets, bollards, cathodic protection and a full International Paint system. The pontoons are prepared for a series of “plug-and-play” optional equipment.
The Damen Stan Pontoon series are available from stock, including the dedicated Ice Class pontoon, along with their optionals.

Very few barges in the world are ice classed but in answer to customer demand, particularly from Russia and Canada, Damen has built dedicated Ice Class barges. These are built for stock to facilitate quick delivery.

The Damen Pontoon range includes:
- Stan Pontoons®
- Multi-purpose pontoons
- Submersible pontoons
- Drilling pontoons
- Dedicated Damen ‘Ice’ pontoon
- Landing pontoons
Stan Pontoon is provided with a fully welded ballast tank, with top quality International Paint standards. The ballast tank includes European quality valves, two manholes and the deck manholes have a single-point opening system.
As well as Damen’s standard Stan Pontoon range, we also offer custom-built pontoons and barges, tailor-made to meet customer requirements.

These include self-propelled barges with a dedicated loading ramp and cargo bin to submersible barges fitted with an external pump system, suitable for all types of heavy construction.

Damen Multi Purpose Pontoons can be equipped with a wide variety of equipment on customer demand.

PONTOONS/BARGES

The Terra Marique is a unique design, combining state-of-the-art technology with traditional marine and heavy transport engineering, developed to maximise the utilisation of EU ports, rivers and inland waterways. The hydraulic movable deck and ballast system allow the vessel to offload at varying quay heights and riverbanks making the Terra Marique unique in the European shipping market.
Pipe-laying barges, accommodation barges, drilling platforms, floating docks and landing platforms are examples of vessels in the more customised range. In addition, modular solutions are available for special projects.

Damen barges include:
- Offshore and wind farm maintenance, accommodation barges
- Bunker barges
- Lighter barges
- Crane barges
- Submersible Pipe Carrier
- Ro-ro docking barge
- Accommodation barges
- Spud barges
- Pipe-laying barges
- Cable-laying barges
- Hopper barges
- Split-hopper barges

Especially developed for the offshore wind market, the Damen pipe carrier, which is 126 m x 33 m, is extremely flexible because a heavy duty crane is not needed in port, leading to substantial cost savings. Instead it can easily be loaded from a floating position.
Damen Bunker Barges are available in standard Damen designs in various sizes and on request they can be custom-built.

Cargo tanks in all bunker barges are executed with double hulls to protect the environment. Damen Bunker Barges are heavily built modern, non-propelled or self-propelled barges for the carriage of all kinds of liquids. They are suitable for inland, coastal waters and deepsea operations. Bunker Barges can be provided with various optional equipment for multiple applications.

The Damen Stan Tanker has been introduced following a lot of demand for self-propelled fuel barges.
Damen Spud Barges are available in standard Damen designs and they can also be tailor-made, depending on customer requirements.

Spuds facilitate a stable working environment where anchoring is not possible. The Damen Spud Barge provides the ideal working platform. They can easily be equipped with cranes and the spud poles can be operated by winches or by a crane.
Damen Split Barges will be available in standard Damen designs in various sizes and on request they can be custom-built.

These modern, heavily built, non-propelled Split Barges are for working in inland and coastal waters to transport dredged materials to underwater dump-sites.

The Split Barge is a single-deck, non-propelled push/tow barge with a hopper in the middle and a heavy steel hull, which opens along the centre plane. Split Barges can also be executed as self-propelled barges on request.
The Damen Transshipment Barge can be equipped with a grab, hook or spreader for container handling, depending on the customer wishes. This innovative barge has three double drum winches providing perfect mooring capabilities. Damen has also thought ahead and the barge has been prepared for a propulsion system should customers want to upgrade at a later date. The new Transshipment Barge has day and night accommodation for 12 people including a pantry, messroom and office. All operations can be carried out from the wheelhouse. Additionally, the Damen Transshipment Barge has a large storage space below deck and it has a wooden deck, which includes container fittings. All equipment is provided by leading European suppliers.

Damen Transshipment Barges have been specifically designed for working from ship-to-ship, ship-to-barge or from ship-to-quay and can handle either dry bulk or containers.

The Damen Transshipment Barge is a relative newcomer to the Damen Pontoon and Barge range. This newly designed vessel is extremely flexible and highly fuel efficient with a shallow draught. It is also being built for stock to ensure fast delivery and to answer customer demand.
Offshore Accommodation Barges provide comfortable, high quality, hotel-type accommodation in line with the Damen standard, for up to 60 people.

They are ideally suited for the oil, gas and renewables industries and have excellent seakeeping abilities due to the barge-shaped hull. In the offshore wind industry this is even more important as wind farms go further and further offshore in more challenging waters.

Damen Offshore Accommodation Barges are built to comply with all of the very latest IMO and MLC 2006 crew accommodation and comfort regulations and this includes more spacious cabins, more comfort, better sanitary facilities and extensive stores. These well-built vessels, of 71 m x 20 m, have very low vibration and noise levels.
With a super shallow draught Damen Stan Landers have very good ro-ro capabilities because of the electric/hydraulic operated loading ramps and are ideal to transport passengers and vehicles quickly and efficiently.

Damen Stan Landers can be fitted with a crane and they have day and night accommodation. Ample storage tanks are provided for fuel and freshwater, in addition to cargo tanks.
**Damen Modular Construction**

The Damen Modular Barge (DMB) is the fundamental building block for your modular vessel or platform. The container-sized barge modules, coupled by the patented Damen Link, are transportable to remote areas and can be used in any sea, lake or river. Consequently, many applications are possible.
Damen has a standard range of floating docks, all of which are based on proven designs. Our floating docks are built all over the world to allow our customers to benefit from fast deliveries.

**FLOTTING DOCKS**

**Damen Modular Dock (DMD)**
The Damen Modular Dock (DMD) is a floating dock consisting of two wing walls which are coupled to a number of individual pontoons. Due to its design the DMD can be extended at a later stage. This provides flexibility and independence, for all your dock requirements.
SPARE PARTS SERVICES

SHIP DELIVERY

SERVICE AGREEMENT & REPAIR

TRAINING
Damen Services offers a wide-ranging portfolio of customer support and after-sales services covering the complete vessel’s lifecycle; through the start-up and deployment phases, to the second life or disposal phase.

We believe that our wide range of products helps our customers achieve their goals in terms of availability, reliability and lifecycle costs. Customers may benefit by using one of our services or a strategic combination of several products.
SUPPORT VESSELS
Damen Shipyards Group puts every effort into presenting the correct information in its brochures and publications. As circumstances (incl. regulations, vessel designs etc.) are susceptible to change, Damen is not responsible for any deviations as to complete, correct and up-to-date information.

If you have any comments on our brochures, please let us know: info@damen.com

COLOPHON

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