It is my great pleasure to introduce the Damen Shipyards Group. From a modest start with just one single shipyard, which my father and uncle established in 1927, Damen has grown into a multinational shipbuilding group, with more than 6,000 employees and a presence in 34 countries. Damen has acquired a leading position in shipbuilding, based on its unique, standardised design concept. This modular construction approach immediately gave us the ability to offer our customers well-proven, innovative vessels at competitive prices. Damen provides hulls and components from stock, leading to very short delivery times. In keeping with our ambition to serve our customers, we have also established a reputation for efficient post-delivery support. Even though we are a major international group, we are still a family-owned company with a deep respect for our maritime heritage. We always take a long-term view. Therefore, we will continue to build up our knowledge base to make sure that we remain ahead with technological developments.

DAMEN SHIPYARDS GROUP

FACTS AND FIGURES

- Annual turnover: €1.3bn
- 32 yards worldwide
- Over 6,000 employees
- Annual deliveries: 120 – 150 vessels
- More than 5,000 vessels delivered since 1969
- Stock hulls: >150
- Over 1,000 repair jobs per year
Damen's History

- 1927: Damen founded
- 1929: Kommer Damen takes over
- 1969: Expansion Damen yard in Gorinchem
- 1973: Damen enters dredging market
- 1976: Technical cooperation
- 1981: Royal naming ceremonies
- 1985: Omni-dealer

Key dates:
- 1927: Charles Lindbergh crosses Atlantic Ocean by plane
- 1953: Great flood in the south of The Netherlands
- 1969: First man on the moon
- 1973: OPEC cuts oil supplies
- 1976: Concorde's first commercial flight
- 1980: Crowning of H.R.H. Queen Beatrix
- 1988: Dutch football team named European Champion
aXe bow concept developed naval vessels: royal schelde joins damen

genesis of damen’s asd tugs

prestige on “sail”

a new generation of asd tugs

research on hybrid tugs

delivery of the new psv 3300

global activities damen shipyards group

naval vessels: royal schelde joins damen

1989 Fall of the Berlin Wall

1993 European Community founded

1997 Kinderdijk windmills on UNESCO list of World Heritage Sites

2000 Start of the new Millennium

2002 Euro introduced in the European Community

2008 Damen main sponsor Nederlands Dans Theater

2013 Inauguration of H.R.H. King Willem Alexander
Damen’s focus on standardisation is undoubtedly one of our fundamental corporate values. When Kommer Damen took the helm in 1969, the modular building concept was one of the first initiatives he 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 unique. Damen has developed standard ranges in each of our niche markets, from tugs to luxury yachts. These standard vessels can be equipped with a large range of options. The designs can also be modified to meet customer wishes or we can start from scratch to design and build your unique dedicated vessel.

Standard designs can always be equipped with various options to suit your specific job and/or regulations.

Damen is your partner for both standard designs or for a unique, custom-made design. We have decades of experience, a diverse portfolio of products and all the in-house expertise required. All of this will ensure the best result.

**ADVANTAGES OF STANDARDISATION**
- Fast response to customer requests
- Competitive pricing
- Short delivery times due to stock vessels
- Reliability, proven and tested technology
- Continuous product development
- Interchangeability of vessels, crew, spares, equipment
- Low maintenance costs
- Guaranteed performance
- Benchmark for the industry
- High resale value

**STANDARD OR CUSTOM-MADE**
Damen is your partner for both standard designs or for a unique, custom-made design. We have decades of experience, a diverse portfolio of products and all the in-house expertise required. All of this will ensure the best 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.

**STANDARD HULLS FINISHED TO YOUR REQUIREMENTS**

**STANDARDISATION ENSURES SHORT DELIVERY TIMES**

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.
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.

Since the eighties, Damen and Delft University of Technology have cooperated in a research programme aimed at improving the seakeeping characteristics of high-speed vessels. In the nineties, this cooperation produced the “Enlarged Ship Concept” on which the highly successful Stan Patrol 4207 and 4708 are based. In the beginning of the 21st century, the “Axe Bow Concept” was developed, a hull shape with unparalleled seakeeping characteristics. Based on this concept, Damen has developed the “Sea Axe” Patrol Vessels and Fast Crew Suppliers.
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 looking into sustainable solutions, both in terms of manufacturing processes and in terms of product improvements. The impact of various hull forms on resistance, reducing hull resistance using air lubrication and examining alternative fuels such as LNG are typical examples.

Damen is playing a leading role in the E3 Tug initiative. The emissions during various operating modes have been measured for one Damen ASD Tug 2810 operating in the Port of Rotterdam. In order to reduce the environmental impact of such emissions, the ship’s hybrid propulsion is being optimised in relation to its operational profile.
Damen is a globally operating company. Dedicated teams of sales managers travel all year round between their designated countries and the headquarters of the Damen Shipyards Group in the Netherlands. A Damen representative is never far away and this facilitates optimum contact between customers and the product specialists.

Up to 150 vessels are manufactured annually, at one of our 35 owned shipyards or at numerous partner yards. Building all over the world, near the delivery destination, leads to significant cost savings and a rapid customer response.

Damen has built over 5,000 vessels for customers in nearly every country in the world, from central Africa to the smallest island in the Pacific.
Damen yard / Joint venture
Business cooperation
Partner yard

Damen Shipyards Cape Town
Damen has developed standard ranges in each of our niche markets, from tugs to luxury yachts. We build vessels for all maritime operations in harbours, for offshore support as well for shipping, public transport, dredging and fishing. Damen also specialises in building naval and patrol vessels for security tasks.

All Damen vessels have been developed as a result of decades of experience based on client feedback, Research & Development input and partnerships with several leading maritime institutes. Damen vessels are of the highest quality standard, built for maximum performance and designed to have low maintenance. This results in a high second-hand value and reduces the total cost of ownership.
Damen is playing a leading role in the E3 Tug initiative. In cooperation with Alewijnse Electrical Engineering and maritime operator Smit, Damen is developing an ASD Tug with optimal hybrid propulsion performance.
Damen has developed into one of the world’s market leaders in the design and construction of a range of standard harbour tugs with a bollard pull up to 100 tonnes.

More than 80 Damen ASD Tug 2810s have been built since 2002, which illustrates the success of our standardisation philosophy, building our own proven designs.

Main specifications:
- Bollard pull: 60 tonnes
- Speed: 13.5 knots
- Total power: 3,678 bkW
- Displacement: 580 tonnes

Damen has listened closely to its customers over the decades and their feedback has been included in the development of all of our tugs, leading to high quality vessels that are entirely fit for purpose. Our standard of excellence makes Damen one of the world’s leading tug builders, the largest in fact when it comes to ASD Tugs. Damen tugs are immediately available from stock to commence successful operations.
Damen can supply all workboats needed for the wide variety of tasks in ports and harbours. Our ‘Harbour services’ range includes work barges, skimmers and dredgers to keep harbours in good condition, as well as all kinds of high speed craft. Dedicated pilot boats, fire-fighting vessels, Multi Cats, survey vessels, buoy tenders and port security vessels are all included in the Damen harbour portfolio.
Damen is the world’s largest supplier of high speed craft, such as pilot boats and tenders.
Damen offers a complete range of offshore support vessels.

Damen is able to deliver vessels from straightforward suppliers with the best price-quality ratio, to ultra-silent, fishery research vessels and fast crew suppliers of the revolutionary Damen Sea Axe design. With many years of experience Damen has the know-how to build complex vessels to perform specialist tasks, particularly important in the offshore sector where many dedicated one-off vessels are often built.
Damen Platform Supply Vessel

Damen Worldwide Support Ship 8316 (WSS)

The WSS offers a comfortable and efficient base for numerous military training and support operations in remote corners of the world. Whether in the polar regions or in the tropics, the vessel is equally at home. Providing hotel-type accommodation for up to 80 people, the WWS has high-end communication and navigation systems. The vessel also includes dedicated equipment for handling auxiliary military craft.
This multi-purpose oil recovery vessel is equipped with a sweeping arm system that has been well-proven during recent oil clean-up operations. The vessel is capable of carrying out Search and Rescue operations with the onboard fast rib and in assisting in diving operations, having its own decompression chamber on board.
With increasing pressure to cut emissions, the demand for offshore wind energy is set to grow substantially over the next few years.

Damen is able to assist the offshore wind industry and has developed a number of innovative, cost-reducing, safe and efficient solutions. We have introduced a range of dedicated wind farm support vessels, accessibility and transfer systems, as well as a complete concept whereby we offer a fully-integrated infrastructure support vessel for a wind farm: the Damen “Sea Base”.

With the trend for offshore wind farms to be positioned further offshore, Damen has developed vessels that can safely and efficiently transfer crews in significant wave heights of up to 3 m.

The Damen Twin Axe Fast Crew Supplier (FCS) 2610 design is a catamaran version of the highly successful Sea Axe concept. This enables the FCS to keep up speed in higher sea states, extending the safe operating window. The catamaran design provides a stable platform for easy and safe access and transfer to the wind turbines.

Damen builds vessels for transport and installation of wind farm equipment, e.g. transition pieces and monopiles. These spacious, DP2 free floating vessels speed up installation and reduce overall cost. The concept proved its worth during Greater Gabbard installation works.
A Damen Interceptor prototype was sent all over the world and tested by numerous police forces, coast guards and navies for more than a year. While many competitors choose to convert commercial ships, the Damen Interceptor is truly purpose-built. A unique hull form ensures better operational capability and even with strong swells, high speeds of up to 60 knots are possible. Lengths range from 11 m to 26 m.

Uniquely in the shipbuilding world, Damen specialises in building naval and patrol vessels ranging from 7 m to more than 200 m.

As well as the well-known SIGMA and Enforcer series, Damen offers the Interceptor range, stan patrol, offshore patrol and surface combatants, amphibious support ships, naval auxiliaries and many inshore and coastal vessels. With the Damen range of security and patrol vessels, crews can rest assured that the vessels are entirely fit for purpose, offering unrivalled seakeeping behaviour, speed and reliability.
DAMEN MULTI-PURPOSE VESSEL

The Damen MPV 8116 is a state-of-the-art coastguard patrol and emergency rescue vessel. This sophisticated vessel is ideal for today’s challenging tasks such as:

- Environmental protection
- Traffic control
- Towing
- Fire-fighting
- Oil recovery
- Rescue/salvage
- ROV support

An important feature of the vessel is its ability to operate in chemical atmospheres. The Damen MPV 8116 has indeed been given the GL Class notation “Chemical Recovery Vessel”.

DAMEN OFFSHORE PATROL VESSEL

In the coming years many OPVs will be required by navies and coastguards all over the world. The Damen OPVs are suitable for a wide range of functions such as maritime safety and security tasks and humanitarian tasks that have their operations in areas with a low level of violence. For boarding operations the vessels are equipped with dedicated boarding boats, or, in the case of the larger vessels, with helicopter landing facilities. Damen has designed a complete range of OPVs, ranging from 66 m to 98 m.
Air Defence and Command Frigate

Offshore Patrol Vessel

Sigma Naval Patrol Vessel
Damen has a rich tradition of naval shipbuilding with our original navy roots stemming back 135 years.

Damen Schelde Naval Shipbuilding (DSNS) is known for its quality shipbuilding, both in the naval and the commercial sector. DSNS has been the dedicated shipbuilder of the Royal Netherlands Navy for five decades, having worked on the design, engineering and construction of eight generations of combatants, as well as auxiliaries, Landing Platform Docks and Hydrographic Survey Vessels.

The JSS fulfills the operational requirements of the Royal Netherlands Navy for a robust multi-functional platform, specifically designed for maritime support, strategic sea lift and sea basing missions in open ocean, as well as in littoral waters. To that end, the JSS has the capacity to replenish at sea, to store supplies, to load and unload supplies and to transport material and personnel. Due for delivery in 2014, the JSS can also be deployed as an extensive medical, technical and logistical support base.

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Amels has become the established leader in premium, semi custom-built superyachts.

Amels introduced its successful Limited Editions concept in 2005. The Limited Editions philosophy results in faster deliveries, superior quality, higher value and better re-sale value.

Within the Limited Editions range, which now comprises four models, each yacht can be entirely personalised using striking designs from world-class interior designers.

In a demonstration of the success of Limited Editions and our reputed after-sales service, Amels has already seen owners return for larger models.
In the creation of the Sea Axe Fast Yacht Support Vessel, Damen’s pioneering Sea Axe concept has been successfully adapted to the superyacht world. These vessels can be faired and painted to seamlessly blend in with the aesthetics of the superyacht. The high-speed vessels, which can reach speeds of up to 28 knots, have exceptional performance and are ideal to free up valuable space on the mother ship. They can carry helicopters, tenders, consumables, large toys, house relief crew and perform many more tasks. There are three Sea Axe FYS models available: the 3707, 5009 and 6711.
Damen designs and builds a complete range of cargo vessels including multi-purpose vessels, product tankers, container and heavy lift vessels.

Customers benefit knowing that their vessels are based on proven Damen designs which have been thoroughly tested over several decades. All Damen cargo vessels and tankers are in standard lay-out but can be adapted to suit individual customer demands.

- Multi-purpose vessels: 1,500 to 15,000 dwt
- Ice Class 1A and geared: above 5,000 dwt
- Tankers: 2,000 to 10,000 dwt

Each hull form and lay-out has been optimised to allow the vessel to achieve its maximum operational potential. Vessels are built to offer the very best price-quality ratio possible.
Damen Container Feeder 800

Proven design with superb stability, ease of operation and high service speed.

- More than 20 ships delivered.
- Ice Class 1A.
- Excellent deadweight/payload ratio.
- Suitable for many container sizes incl. high cubes.
- Ample reefer connections.
- Modern, comfortable accommodation.
Damen ferries can be seen in operation all over the world. We offer standard designs for (fast) ferries, water taxis, water buses, RoPax and double ended ferries, as well as many other types of vessels that have been developed for specific circumstances.

Ferries are an essential link in a public transport system and Damen builds perfectly tailored, fuel-efficient ferries to suit urban transport networks. Most Damen fast ferries are built at the ultra-modern Damen Singapore yard, one of the most experienced ferry builders in the world with a world-class reputation for aluminium fast ferries, patrol vessels, crew suppliers and workboats.
The Water Taxi that was built for RTA in Dubai is a textbook example of modern state-of-the-art design and construction. The vessel perfectly fits the local surroundings and is styled to match Dubai’s public transport network. The rich, gold-coloured roof was inspired by the shape and colour of Dubai’s metro stations. LED lighting in various colours will attract passengers to take a comfortable, first-class ride on the waters of Dubai while enjoying a splendid outside view.

Each ferry is designed and engineered in full 3D. This enables Damen to efficiently plan and execute the construction. Every space in the vessel is virtually fitted-out to evaluate weight and performance, as well as to create efficient lay-outs. 3D engineering forms the point of departure for complex logistical processes that make global construction possible.

Damen Fast Ferry

Damen Water Bus

Damen Water Taxi
Damen offers a wide range of standard stationary cutter suction dredgers which are known for their durability and their large range of options. Damen dredgers are designed for the continuous and simultaneous use of all systems on board at the highest output, with the lowest possible fuel consumption. The dredgers are dismountable and can be transported easily. Damen delivers Trailing Suction Hopper Dredgers up to medium size and also supplies complete trailing pipe packages to third-party shipyards or to customers to convert an existing vessel into a TSHD.
With much of the Netherlands below sea level the Dutch have become experts in water management and land reclamation. This intense focus on water management has meant that a considerable knowledge cluster has developed and the world’s leading dredger shipyards and dredging companies are now established in the Netherlands.

Damen has been active in the manufacture of dredgers for decades and is specialised in several types of dredgers such as cutter suction dredgers and trailing suction hopper dredgers in the small to medium-sized range. Damen’s strategy of standardisation and having dredgers in stock means that we can offer the best possible price-quality ratio. And Damen can also deliver all the marine equipment to support dredger operations, such as Shoalbusters, Multi Cats and tugs.

Damen has developed special workboats such as the Multi Cat and the Shoalbuster to assist any dredging operation. These are ideal for:
- Shifting anchors, dredgers, pipelines.
- Transport of personnel, spares, fuel.
- Repairs to vessels and pipelines.

The Dutch made their own land; they reclaimed it from the sea.
Damen has gained a leading position in the design, engineering and construction of fishing vessels in collaboration with our clients. Damen builds top-of-the-bill beam trawlers, arctic trawlers and mussel dredgers.

This Twin Rigger Fly Shooter is characterised by its sustainable design which results in less disruption of the sea's ecosystem and a reduction in discards.

The ‘Jacoba Prins’ won the “Ship of the Year” Award due to its innovative fishing gear, which can be controlled by one man, its stunning manoeuvrability and well-designed power balance.
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.

The expertise of the Damen Pontoons & Barges division includes design and building. This globally operating division supplies from many locations and we always have several standard pontoons in production so delivery times are limited and transportation costs are low.

The Damen range includes:
- Multi-purpose pontoons
- Submersible pontoons
- Bunker and lighter barges
- Cable and pipelay barges
- Accommodation barges
- Crane pontoons
- Custom-built pontoons and barges

Damen pontoons and barges can be outfitted with ballast systems, pumps, anchors etc.
Damen is specialised in building a variety of maritime components for the shipbuilding industry.

Components are delivered to Damen yards or any other yard, based on the required technical specifications and according to the highest quality standards. Components that can be delivered include nozzles, rudders, stern tubes, tunnels, anchors, chains, winches and gears. On request these may be accompanied by an approval certificate from the Classification Society. All products are fabricated at Damen-owned production facilities.

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Damen Marine Components produces more than 650 nozzles a year for propeller diameters ranging from 500 mm up to 7,000 mm. In design and construction, each nozzle meets the highest technical requirements of the owners, yards and classification societies.

Damen thruster Optima nozzles type VG 40 Ø 1,900 mm are shown.
Damen Anchor & Chain Factory (AKF) supplies chains and anchors from stock. AKF is also busy repairing anchors and testing anchor chain cables with its modern testing facilities. AKF’s testing department is Lloyds-approved.
Damen Customer Finance offers a wide range of financing arrangements. These are available for any type of vessel, equipment or related services, including the prefabricated shipbuilding kits supplied by the Damen Technical Cooperation department.

Damen’s Customer Finance facilities are not just for privately-owned, small and medium-sized companies; we also assist government bodies such as coastguards, police and port authorities. Damen maintains relations with all Netherlands-based commercial banks, as well as with numerous banks abroad. As a major client of the Dutch Export Credit Agency, Atradius, Damen is highly experienced in arranging export loans with export credit insurance facilities.

Damen Trading

Damen is unique in offering attractive buy-back guarantees for standard vessels from our product range to customers or the financing bank.

We know Damen quality means that our vessels have a very high re-sale value. Vessels bought 20 years ago have been known to achieve the same price when they are sold two decades later. Damen is happy to buy vessels back or help customers trade their vessels in when they buy a new vessel. Our team also offers a brokerage service, whether vessels are from Damen or from another shipbuilder and we can help customers looking to charter vessels.
Damen Technical Cooperation enables you to build your Damen vessel locally, anywhere in the world. We provide you with a prefabricated shipbuilding kit and can, on request, combine this with expert assistance, training and backup.

By using standardised components it is possible to make a custom-built design, fulfilling the specific local requirements. This cost-efficient concept can be applied to the full range of Damen vessels for a wide variety of marine operations. One in five Damen vessels are built on-site by Damen Technical Cooperation.

In addition, clients can take the design-only option and have the vessel built by a shipyard of their choice.
THE NETHERLANDS
Damen Shipyards Amsterdam
Damen Shipyards Den Helder
Damen Shipyards Eemshaven
Damen Shipyards Europawerf, Amsterdam
Damen Shipyards Europawerf, The Hague
Damen Shipyards Gorinchem
Damen Shipyards Hoek van Holland
Damen Shipyards Rotterdam
Damen Shipyards Vlissingen
Damen Shipyards Wagenborg

OVERSEAS
Damen Shipyards Brest, France
Damen Shipyards Dunkerque, France
Damen Shipyards Inverkip, Scotland
Damen Shipyards Cape Town, South Africa
Damen Shipyards Singapore, Singapore
Damen Shipyards Sharjah (FZE)*, U.A.E.
Damen Shipyards Singapore (PTE) Ltd*, Singapore

* Joint Venture
Damen Shiprepair & Conversion yards are conveniently located in easily accessible ports with excellent maritime infrastructure. They offer the full range of services required for regular dry docking and maintenance, ship repairs and conversions of all types of vessels.

Our range of shiprepair yards offer everything from full size dry docks and covered facilities to smaller shiprepair yards more practical for inland vessels. Damen has a suitable shiprepair yard for every vessel type in several geographical locations around the world.

PORT REPAIR
Damen Shiprepair Rotterdam operates workships and a floating crane to execute on-the-spot repair works in the Port of Rotterdam. “When a vessel cannot come to us, we come to them!” is the yard’s motto.

WORLDWIDE REPAIR FACILITIES
- > 10,000 m BERTHS
- 17 FLOATING DOCKS upto 254 m
- 3 SLIPWAYS upto 100 m
- 7 GRAVING DOCKS upto 420 m
- 2 COVERED GRAVING DOCKS upto 215 m
- 11 SYNCHROLIFTS upto 6,000 t
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.

**COMPLET Em LIFECYCLE SUPPORT**

**START-UP**
- COMMISSIONING & TRIALS
- SHIP DELIVERY
- WARRANTY SUPPORT

**DEPLOYMENT**
- MAINTENANCE MANAGEMENT SOLUTIONS
- CUSTOMER SERVICE AGREEMENTS
- TECHNICAL ASSISTANCE
- TRAINING
- PARTS

**LIFE-TIME EXTENSION**
- REPAIR & CONVERSION
- RECYCLING
- CIVIL WORKS
- SERVICES PORTAL
- MODULAR CONSTRUCTIONS
- GREEN
- CONSULTANCY
Kommer Damen started in 1969 with only 10 people but today, more than 6,000 people are employed worldwide at Damen’s 35 shipyards. We are very proud to say that the original 10 pioneers from 1969 all stayed with Damen throughout their entire career. Since that time, many more have chosen to do so, demonstrating their loyalty and pride in our company.