PUBLIC TRANSPORT
As the global population continues to grow, the need for effective public transport systems will only become more important.

Water-based public transport will contribute a major role in integrated transport infrastructure around the world.

Connecting people and boosting economies; ferries, water buses and water taxis will move people, cars and goods from A to B.

While safety will always remain number one priority, environmental standards are becoming increasingly relevant as the industry looks towards efficient and future-proof solutions.

Damen is a partner for the entire vessel lifetime, setting standards at every stage.
The maritime industry recognises the increasing urge for environmental awareness. With operations close to shore and close to food for human consumption, the environmental impact that the vessel has needs to be minimised.

Damen has developed, tested and delivered several vessels with diesel-electric propulsion systems, which effectively reduce fuel consumption, emissions and noise levels. Fully electric propulsion (in combination with remote charger stations) is the logical next step and an interesting option for nearshore operations.

All Damen vessels benefit from thorough R&D and, with research taking place on successive generations of standard vessels, continual product innovation is guaranteed. Damen is proactive in developing sustainable and cost-effective vessels and services. Our R&D team is always developing ways to make our vessels safer, more comfortable and more efficient, both economically and environmentally.

Damen enjoys close cooperation with a number of leading research institutes.
BENEFITS 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

BUILDING ON STOCK
PROVEN DESIGN, SHORT-TERM DELIVERY

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

Keeping our standardised vessels on stock enables us to deliver them to you in record time. From initial order, outfitting and trials, the vessel can be delivered to you in a matter of a few short months or even weeks.

DAMEN STANDARD

STANDARDISATION
KEY TO SUCCESS

CONVENTIONAL SHIPBUILDING
Damen Trading is specialised in the sale, purchase and chartering of all types of used vessel. Over the years, Damen Trading has acquired a lot of knowledge in brokerage, ensuring you of a complete service before, during and after vessel acquisition.

A family business, founded in 1927 in the Netherlands, today Damen operates 33 yards on 5 continents, employing over 9,000 people. Since its origins, Damen has delivered more than 6,000 vessels in more than 100 countries. Damen delivers approximately 180 newbuild vessels annually. Based on its unique, standardised ship-design concept, Damen is able to guarantee consistent quality.
Damen Customer Finance offers a selection of arrangements, applicable to any Damen product for clients in both the private and public sectors.

As a major client of the Dutch Export Credit Agency Atradius, Damen has gained a wealth of experience in the arrangement of export loans.

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 anything 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.
YOUR PARTNER FOR PUBLIC TRANSPORT SOLUTIONS
CONNECTING PEOPLE EVERYWHERE

LIFELINES
- Reliable services
- Affordable transportation to and from remote areas
- Enabling economics
- Transportation of passengers, cars and goods
- Passenger focused service

URBAN WATER TRANSPORT
- Fast relief of traffic
- Commuters: daily trip to work or school
- Durable solutions
- Tourists: explore the city
- Sustainable transport
- Events: diner cruising, parties

RIVER CROSSING
- From shore to shore
- Fast and efficient
- Robust for heavy traffic

TOURISM
- Attracting people
- Optimised sight seeing
- Quiet clean entertaining
THE FULL PACKAGE
ON SHORE AND ON ROUTE

A ferry is always a part of a bigger system. It should work seamlessly together with the rest of the infrastructure: a quay, fendering, an access bridge, a floating mooring pontoon, a waiting area or ticket office.

Damen can deliver the full package. Furthermore we can assist operators in optimising maintenance schedules.

- Delivery of mooring stations and fendering.
- Delivery of jetties and infrastructure.
- Assistance with maintenance.
Safety is compliance, but most of all a mentality. Damen strives for the highest levels of safety on board their ferries. Not because we have to, but because it is our number 1 responsibility.

Examples of offered safety solutions:
- Complying international and local safety standards
- Only the best equipment
- Easy operation in times of stress
- Fit for purpose and durable
Public transport on water will not exist if the economy does not work. Damen ferries always excel in efficient fuel consumption, high resale value, low maintenance and optimal on board logistics. This will create unsurpassed value for money.
Bringing you fast and safe to your destination, Damen ferries provide you with a comfortable ride. Whether fast or steady-going, you will find our ferries fitted with modern, efficiently designed interiors with excellent on board traffic control to enable fast turnarounds. Top quality seating and ample space is standard on all our vessels, as are excellent views outside through large windows.
Damen has developed the concept of converting offshore vessels into live fish carriers. An example of this is the Live Fish Carrier 8916. Offshore vessels are well-suited for modification for the aquaculture industry as a result of their behaviour. Both permanent and temporary designs can be applied to vessels originally built by Damen or other shipbuilding companies.

Each interior design is developed with well known designers amongst which are international specialists in public transport. Easy maintenance and durable construction is key. Pleasingly styled and furnished, the interiors will make people feel at home while traveling to their destination.
The Public Transport Portfolio

1. **ROPAX 8216**  
   Passenger Car Ferry for inter-island and long distance transport services

2. **FAST FERRY 4010**  
   Comfortable, high speed passenger transport

3. **ROAD FERRY 8117**  
   Short & efficient water crossings with passengers and heavy duty traffic

4. **FAST ROPAX 5510**  
   Hi-Speed passenger car ferry for coastal, sea going routes

5. **WATERBUS 2407**  
   Urban transport for commuting & sightseeing
Ferries often are the only affordable way to access the rest of the world. They function as lifelines for islands and remote inhabited areas. Whether it is a visit to the doctor, attend a family gathering, invite guests or import fresh food: the ferry makes it possible.

Our lifeline ferries are reliable and affordable. The design aims for passenger comfort, high operability and predictable maintenance.
The Damen Fast Ropax series consists of mid and high speed ferries for transportation of passengers and vehicles. They are available for coastal and seagoing routes.

**QUICK TO COASTAL DESTINATIONS**

**FAST ROPAX**

**SUITABLE FOR**
- Cars and passengers
- Coastal and inter island routes
- Moderate to severe environmental conditions
- Medium and high speed

**FAST ROPAX SIZES**
- Cars: 16 - 60
- Speed: 20 - 40 knots

**OPTIONS**
- kiosk, crew accommodation
Damen Ropax ferries are built to many sizes and capacities. All are fully tailored to specific routes and operations. This makes the best economical solutions possible and provides passengers with an effective means of transport. Our designs include the capacity to take cars and trucks in many configurations through bow ramps, stern ramps, hoistable decks and more.
Many cities are crossed by rivers and estuaries. These offer an excellent opportunity for transport of people from one place to the other. Commuters can avoid traffic jams when travelling between home and work by ferry. Instead of being imprisoned in a car, one can sit back and relax: read the morning newspaper, prepare a day of work or check social media.

School children board with their bikes onto the ferry and continue their daily travel to school at the other side. A group of tourists take the opportunity to view the beauty of the city seen from the water.
The Damen composite waterbus series is a versatile design that can be easily modified to meet customers’ demands. The size of indoor seated and outdoor open deck area can be varied, offering the choice between a fully seated or a partly seated, partly standing configuration.

The open aft deck can be used for outdoor seats or to transport bicycles.

A top deck module is available for the best outside view. With speeds up to 21 knots the low wash composite waterbus offers fast transportation at low operational and low maintenance costs.

Also available is a series of affordable, low speed, urban ferries for mass transportation over shorter distances.

SUITABLE FOR
- Passengers and bikes
- Scoot mobiles
- Connecting multiple stops en route
- Fast boarding of passengers
- Sight seeing

WATER BUS SIZES
- 18 - 24 m

PASSENGERS
- 40 - 200

SPEED
- 8 - 23 knots

OPTIONS
- Steel, composite, aluminium, airconditioning, entertainment, kiosk, sanitary spaces
The Damen Water Taxi is the public transport version of the composite 1204 series. It is handled by one crew member and can carry 12 passengers comfortably.

Boarding options are available from the bow and sides. The Water Taxi has various propulsion options, including a low cost single stern drive, reliable and robust fixed pitch propellers and waterjets for high speed and excellent manoeuvrability.
Competing with highways, bridges and tunnels, river crossing ferries act as niche players serving customers that do not want to take a detour. They connect areas where bridges are not an option. Strong, reliable and with a day in, day out service, these ferries play an important role in local communities and people’s lives.

Damen builds these vessels for customers all around the globe. From sophisticated passenger and car vessels to robust and simple workhorses. Purpose-built and fit for the job.

24/7, 365 days a year, year in, year out.
The Damen Road Ferries comprise a series of vessels built as workhorses for demanding customers. They serve routes that are considered the busiest of the world. Zero downtime, low maintenance and minimal costs are key drivers for the design and construction.

**BRING YOUR OWN CAR ROAD FERRY**

**SUITABLE FOR**
- Short crossings in (extended) protected waters
- Easy drive on, drive off
- Quick turnaround
- Heavy duty deck for transport of cars and trucks

**ROAD FERRY SIZES**
- 40 - 120 m

**PASSENGERS**
- 200 - 2,000

**CARS**
- 40 - 200

**SPEED**
- 12 - 22 knots

**OPTIONS**
- restaurant(s), diesel or LNG electric propulsion
Damen offers a wide range of innovative propulsion systems that will improve the sustainable footprint of the vessel. These include hybrid systems, full electric powering with batteries and LNG as fuel.
Waterways and river sides continuously attract people. People old and young enjoy a comfortable ride while watching beautiful surroundings, magnificent architecture or impressive industrial areas. Many times, these touristic functions add to ferry companies financial results and act as the cream on the pudding.

Damen ferries are all suitable for touristic operations and can easily be adapted with suitable seating arrangements.

Adding live entertainment, video and audio as well as an excellent climate control inside the passenger saloon, people of all kinds can sit back and enjoy the views.
The Damen Fast Ferries are a series of high speed aluminium catamarans for passenger transport. They are designed for coastal operations, aiming at high passenger comfort, low fuel consumption and low maintenance costs.

Standard designs are available from 100 to 450 passengers, that can be adopted to specific client requirements. Various seat arrangements are possible, ranging from basic commuter seats to luxury first class seats.

Passenger amenities such as luggage racks, kiosks and entertainment will be designed to the specific use of the vessel.
Damen’s philosophy is to build vessels that are ready for the future and ready for demands to come. It is a responsibility to reduce the load on the global environment.

The sightseeing and cruise boats that Damen builds contain many features that fulfill our sustainable goals. These include the use of material that can be recycled, electric powering, waste heat regeneration and the use of heat pumps for cooling or heating the accommodation.

For the city of Amsterdam, Damen has developed a next generation sightseeing vessel. This vessel combines maximum outside visibility, optimised dimensions (for the many bridges and narrow canals) with silent electric propulsion.

Electric motors, driven by batteries, perform clean and quiet operations. With the supply of green energy to the batteries, tourists from all around the world will minimise their footprint in beautiful Amsterdam. This concept can easily be adapted to all cities of the world that would like to follow this example.
The Damen Modular Ferry is specially designed for safe and reliable transport of people, vehicles and equipment on sheltered waters, lakes and inland waterways.

The Damen Modular Ferry is built up from container-sized units and is transportable to land-locked and remote areas.

This provides new opportunities to build ferries wherever they are needed; anywhere in the world. The installed equipment is easy accessible for daily operation and durable maintenance.

**MODULAR FERRY**

**BUILT ON SITE - ANYWHERE**

- **SUITABLE FOR**
  - Transport of vehicles
  - Transport of people

- **MODULAR FERRY SIZES**
  - 18 - 40 m

- **PASSENGERS**
  - Up to 250

- **SPEED**
  - 5 – 9 knots

- **OPTIONS**
  - Superstructure, alternative propulsion arrangement, deck arrangement, ramp
A ferry is always a part of a bigger public transport system. It should work seamlessly together with the rest of the infrastructure: a quay, fendering, an access bridge, a floating mooring pontoon, a waiting area or ticket office.

Damen delivers the full package. Furthermore we can assist operators in optimising maintenance schedules.

SUITABLE FOR
- Jetties
- Infrastructure
- Passenger terminals
In addition to shipbuilding and ship design, Damen offers a network of 16 repair and conversion yards worldwide. With drydocks up to 420 x 80 metres, Damen handles 1,350 repair and maintenance jobs annually. The facilities are spread throughout Europe and in Singapore, South Africa, the Caribbean and the UAE, for your convenience.

This minimises deviation, saves costs and increases your flexibility.
Damen Shiprepair Dunkerque (DSDu) carried out the annual drydocking of 187x29 metres sister vessels, the cross channel ferries Dunkerque Seaways, Delft Seaways and Dover Seaways for DFDS Seaways. As the vessels were also undergoing accommodation refurbishment, the logistics of the operation were key to project success. All vessels were delivered on-time and on-budget as DSDu prepared in advance of the vessels’ arrival and worked round the clock to ensure the 8-day deadline per vessel. DFDS is a regular client of DSDu, due to the yard’s location on the English Channel, excellent facilities and reputation for on-time delivery. Also during 2017, DSDu carried out scheduled maintenance on the company’s vessels, Cote des Dunes, Cote des Flandres and Calais Seaways.

Damen Shiprepair Rotterdam carried out the docking of the 240m freight and passenger ferry Stena Hollandica. A key part of the docking was the installation of scrubbers to reduce the emission of sulphur compounds and particulate matter by its engines. Owner Stena Line is in the process of installing scrubbers on their vessels as part of an initiative to reduce its overall environmental impact.

The project was engineered and executed by Damen Shiprepair Rotterdam in partnership with Damen Shiprepair Amsterdam. Damen Green Solutions also provided specialist input as the department of Damen that focuses on developing and implementing the various technologies that enable vessels of all types to minimise their impact on the environment.
From the moment your vessel is ordered, Damen Services is on board. We offer a wide-ranging portfolio of customer support and after-sales services covering the vessel’s complete lifecycle.

Our family values result in an approach where we do not “abandon ship” on our customers and support you every step of the way. Our diverse service portfolio helps you to achieve your goals of availability, reliability and lifecycle costs. Our global service network and 24/7 availability ensure a swift response.

Never set sail alone

Damen Services

DEVELOPMENT

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

TECHNICAL DOCUMENTATION

Our professional and experienced in-house team will provide state of the art technical documentation for a smooth operation. Using this documentation enables you to operate in a safe and efficient manner, ultimately extending the operational life of your ship.

INNOVATION

We are always on the front line when it comes to effective, innovative solutions that make life easier. Examples include remote monitoring, a personal webportal for maintenance management, 3D parts printing and intelligent asset management.

START-UP

Your first point of contact remains your dedicated Damen engineer. Additionally, for severe technical or safety issues, our 24/7 service number ensures you round the clock support. A Damen team of specialists is on stand-by to assist you until the problem is solved, to your full satisfaction.

WORLDWIDE SERVICE HUBS

Damen’s Service Hub network grew rapidly over the past years. At present there are more than ten hubs on five continents. We aim to enhance our services in regions without proximity to a Damen shipyard, but where Damen vessels are operating. Local presence enables our skilled engineers to respond faster than ever to client needs.

INTEGRATED LOGISTICS SUPPORT

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

MAINTENANCE MANAGEMENT SOLUTIONS

Our Maintenance Management Solutions (MMS) offer access to years of experience and knowledge, gathered together in one database. With this, we assist our clients with preventive maintenance, maximising uptime and minimising operational costs.

YOUR PERSONAL 24/7 SUPPORT HOTLINE

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TECHNICAL ASSISTANCE

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

GREEN

Our range of Green Solutions position us perfectly to assist in your efforts towards greater sustainability. Amongst our offerings are ballast water treatment systems and scrubber installations.

INNOVATION

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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.

REPAIR & CONVERSION

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

TRAINING

Our training programmes give our customers skilled, motivated and committed employees. This sustainable approach helps customers reach the all-important goals of reduced operational costs and improved vessel uptime.

FLEET SUPPORT

Our fleet support solutions mean 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 life cycle support.

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.

PARTS

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.

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WEBSITE

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

ADDITIONAL SERVICES

Our range of Green Solutions position us perfectly to assist in your efforts towards greater sustainability. Amongst our offerings are ballast water treatment systems and scrubber installations.

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Damen Shipyards Group operates 33 yards on 5 continents, employing over 9,000 people worldwide. Damen has delivered more than 6,000 vessels in more than 100 countries and delivers approx. 180 vessels annually to customers worldwide. Based on its unique, standardised ship-design concept Damen is able to guarantee consistent quality.

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

Damen offers a wide range of products, aimed at providing solutions to the entire spectrum of maritime sectors.

Vessels include tugs, workboats, naval and patrol vessels, high speed craft, dredgers, offshore support vessels, pontoons and superyachts.

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

In addition to ship design and shipbuilding, Damen Shiprepair & Conversion (DSC) offers a network of 16 repair and conversion yards worldwide, with 40 drydocks ranging up to 420 x 80 metres. Conversion projects range from adapting vessels to today’s requirements and regulations, to the complete conversion of large offshore structures. DSC handles 1,350 repair and maintenance jobs annually.