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We've been delivering vessels for operations in harbours and terminals since our beginnings. Damen vessels of today benefit from generations of experience and lessons learnt. They offer the confidence that stems from being tested and proven in action.

The world has changed, however, and we've changed with it. Our vessels have continued to evolve, maintaining relevance for the challenges faced in the modern port. Our towns and cities have grown, conducting ever more global trade. The ships that supply them have grown, too, placing significant pressure on ports.

In answer to this, we have made our tugs increasingly compact – and increasingly powerful. As such, they can continue to support today's port operations, safely, reliably and efficiently. They're focused on sustainability, too. Harnessing cutting-edge innovation and digital connectivity, we are preparing our vessels for a cleaner future. With this, the Damen Harbour and Terminal portfolio plays its part in ensuring maritime continuity and prosperity for the next generation.





# **Founded in the Netherlands**

A family business founded in 1927 in the Netherlands, today Damen operates 36 shipbuilding and repair yards, and employs 11,000 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.



# 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.

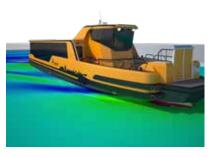
#### >> Modularisation & One-offs

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.

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. State-of-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

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

# **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**

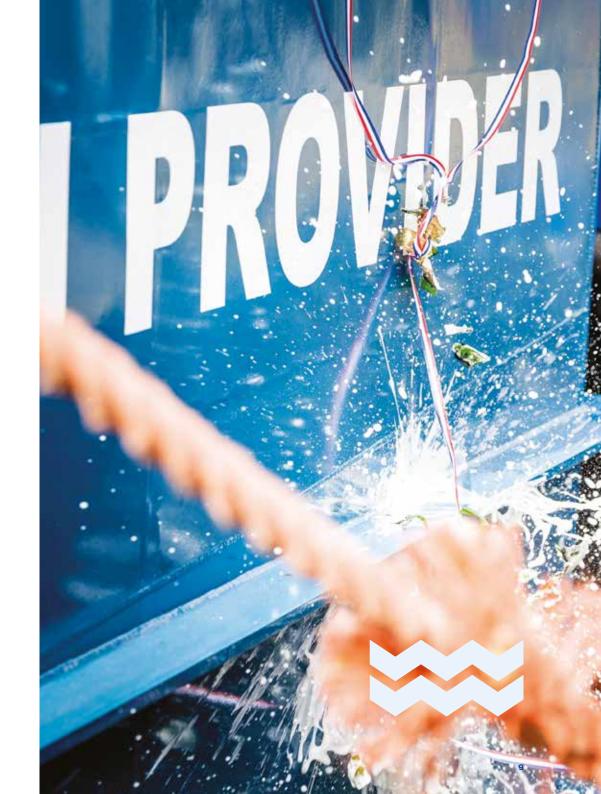
For complex and larger projects, a buyer's credit is applied. For smaller, standard projects a supplier's credit is more feasible. Additionally, our customers are able to lease Damen vessels via Damen family-owned leasing companies. For special purpose companies, Damen Financial Services can provide 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 long-standing 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
- ➤ License/royalty for multiple series
- Proven design



### Material packages

- Materials on stock
- Advanced logistics



#### **Building assistance**

- ➤ Assistance on-site
- > Enhance shipyard skills
- ➤ Transfer of knowledge/technology



# **YOUR PARTNER FOR ALL PORT ACTIVITIES**







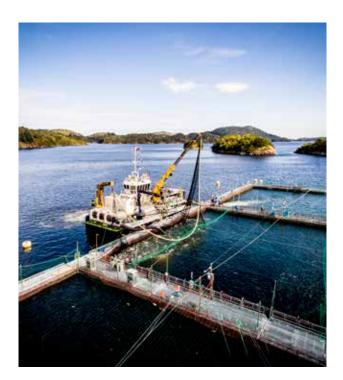














Damen ship handling tugs are operating in ports and terminals around the world. They are providing different methods of assistance, depending on local conditions and the specific situation.

Many factors influence the harbour tug choice like berth conditions, assisting speeds, types of ships assisted, assisting methods and environmental conditions.

IN PORTS AROUND THE WORLD

Ship Handling





# **TAKE CHARGE OF TOMORROW**

# **Electric Tugs**

Combining high-end technical shipbuilding with years of R&D and a listening ear towards the market, we crafted the fully electric RSD-E Tug 2513. With this, our route towards zero emissions was just beginning; the electric propulsion chain we

developed is scalable for use in tugs of varying sizes.

As a total solution provider, we aim to unburden our clients on their way to sustainable shipping. Applying leading brand components, we perform all hardware and software integration, from design to commissioning.

Our scope goes beyond the vessel.

Our charging arm, for example, provides efficient, one-person operation from shore or ship. Stepby-step towards the next generation.

## **Highlights**

- ➤ Fully electric propulsion
- ▶ Zero emissions
- > Fast recharging
- **▶** Exceptionally manoeuvrable



### **Electric Tugs**

 Bollard pull
 50 - 70 t

 Length
 21.02 - 24.73 m

 Crew
 2 - 6 persons

 Speed
 10.7 - 12.0 kn

 Operations fully electric
 2 or more





# A TUG FOR NOW AND FOR THE FUTURE

# **ASD Tugs**

Damen ASD Tugs have excellent working and sailing ability. ASD Tugs are cost effective tools for handling container and bulk carriers in harbours and at terminals.

The Damen ASD Tug is compact, powerful, has a low cost price and is a very reliable, proven product.

ASD Tugs are designed for push-pull, harbour assisting and escort towing operations up to 150 tons towline forces as well as fire-fighting, salvage, oil polution, hose handling and anchor handling operations.

Stability is the name of the game in all Damen Tug designs. Improved stability

has been achieved by a wide beam, large freeboard, higher bow and a relatively low wheelhouse, offering a user-friendly layout, excellent sight lines from the wheelhouse on the fore and aft deck, shoulders and onto assisted vessels.

## **Available options**

- ➤ IMO Tier III compliant
- > Fire fighting
- **▶** Oil pollution control
- ▶ Aft winch
- ▶ Crane



### **ASD Tugs**

 Sollard pull
 50 - 85 t

 ength
 21.02 - 32.70 m

 deam
 11.13 - 12.93 m

 Grew
 2 - 10 persons

 speed
 10.0 - 13.5 kn





# THE ULTIMATE SHIP-HANDLING TOOL

# **RSD Tugs**

With its strong focus on safety, reliability, efficiency and sustainability, the RSD Tug 2513 is a vessel for now and for the future. The vessel is a solution to the increasing scale of cargo vessels of all types.

The RSD Tug 2513 redefines the concept of compact agility. With its Twin Fin skeg, the vessel offers optimal towing performance – in both direct and indirect modes – in all circumstances.

The RSD Tug 2513 is prepared for the modern maritime operation, with numerous features for improving life, both on board and in the water, including extreme low levels of noise and vibration.

### **Available options**

- ➤ IMO Tier III compliant
- > Fire fighting
- ➤ Oil pollution control
- ▶70 tonnes bollard pull
- ▶ Crane



### **RSD Tugs**

Bollard pull 70 - 80 t

Length 24.73 m

Beam 13.13 m

Crew 2 - 8 persons

Speed 12.6 kn





# **GUARANTEED STRENGTH IN HARSH ENVIRONMENTS**

# **ICE Class Tugs**

Our ASD Tugs ICE benefit from our standardisation strategy. The Damen standard cooling system performs equally well in temperatures of minus 30 degrees Celsius, or in soaring temperatures of 35 degrees Celsius. The vessels are built to comply with the latest IMO and MLC 2006 regulations concerning crew accommodation and comfort levels. They offer spacious, comfortable cabins, excellent sanitary facilities and extensive storerooms for up to ten persons.

The well-built steel hull provides extreme low vibration levels, even when operating at maximum speeds. Noise levels are equally low, with tests demonstrating cabins below deck measuring just 53 dBA.

## **Available options**

- **▶** IMO Tier III
- ▶ Fire fighting
- ➤ Oil pollution control
- ▶ Aft winch
- ▶ Crane



### **ICE Class Tugs**

30llard pull 40 - 72 t
26.45 - 33.45 m
3eam 9.54 - 12.53 m
Crew 2 - 10 persons
Speed 12.7 - 14.0 kn



Damen offers a comprehensive range of workboats for the provision of maintenance and security in ports. Our aim is to sustain maritime activity, keeping harbours safe, clean and accessible at all times.

Damen's workboats are based on thoroughly tested, modern designs and are built to high quality standards. Most of the range can be tailored to fulfil the exact requirements of our customers. Examples are a Multi Cat executed as a buoy layer or as a shallow draught oil recovery vessel.

**KEEPING HARBOURS** SAFE AND OPEN

Port Maintenance





# **FULLY FUNCTIONAL MULTI-PURPOSE POWER**

# **Shoalbusters**

The Damen Shoalbuster series has been designed for extreme versatility. The vessels are suited to diverse operations in various working environments. As such, the Shoalbuster features shallow draft capabilities, enabling performance

in waters of all depths, frequently in unrestricted sailing areas.

Able to operate in harbours as well as inland and coastal waters, the vessel is suited to towing, pushing, dredge support and buoy and anchor handling.

Its impressive lifting capacity and ample deck space ensure that the Shoalbuster is also ideally suited to cargo transportation.

Equipped with sufficient power for heavy duties, the Shoalbuster is the most functional vessel type there is.

## **Highlights**

- ➤ Anchor handling and towing winch
- ➤ High capacity marine crane
- **▶** Bow thruster
- Towing pins with chain stopper
- **>** Sternroller
- ➤ Tugger winch
- **▶** GMDSS A3
- ▶ Large capacity of fuel oil and fresh water



#### **Shoalbusters**

ollard pull 18 - 70 t

ength o.a. 23.35 – 38.38 m rew 5 – 23 persons

30 – 400 t





# THE SWISS ARMY KNIFE OF THE MARITIME WORLD

# **Multi Cats**

A reliable vessel, proven in operation over many generations, the Multi Cat is a versatile platform, suited to diverse operations. The vessel is tough, compact, and stable with outstanding manoeuvrability for tight situations.

The Multi Cat series offers 360-degree views from the wheelhouse for optimal safety. Its ergonomic layout ensures ease of operation, with all communications and navigation equipment within easy reach of the operator.

As with all our vessels, we continue to refine the Multi Cat series to ensure its continued relevancy. The latest development is a fully electric, zero emissions vessel combining heritage with innovation to bring sustainable shipping a step closer.

## **Highlights**

- ▶ Anchor-handling and towing winch
- ➤ Two high capacity marine cranes
- Towing pinch with chain stopper fore
- ➤ Optional towing pinch aft.
- ➤ Sternroller aft and bowroller fore



#### **Multi Cats**

Bollard pull 2 – 50 t

Length o.a. 10.9 – 36.7 m

Crew 4 – 15 persons

Deadweight 60 – 320 t





# **ARMED TO THE TEETH**

# **Cutter Suction Dredgers**

The Damen standard CSD range consists of five types of dredger. These stationary vessels include an ergonomically designed operating cabin, a main pontoon housing the diesel engines and dredge pump, plus side pontoons, the cutter ladder and the spud poles. This modular

design ensures practical transport.

Moreover, the compact size and weight result in practical dismantling and reassembly on the jobsite.

The CSDs are well powered – the power balance is such that all functions of the dredgers can be

operated simultaneously. The modern

computer controlled Caterpillar diesels engines have been selected on low fuel consumption and low emission values. They are connected to a closed fresh water cooling system using box or plate coolers.

### **Available options**

- Anchor booms
- ➤ Spud carriage pontoon
- Day accommodation
- Deck crane
- Navigation package
- ➤ Communication package
- Wedge piece
- Swivel hose
- ➤ Heavy duty cutter
- Increased dredging depth
- ▶ Dredge pump production measurement
- ➤ Position visualisation
- Class certificate



#### **CSD**

Depth unlimited

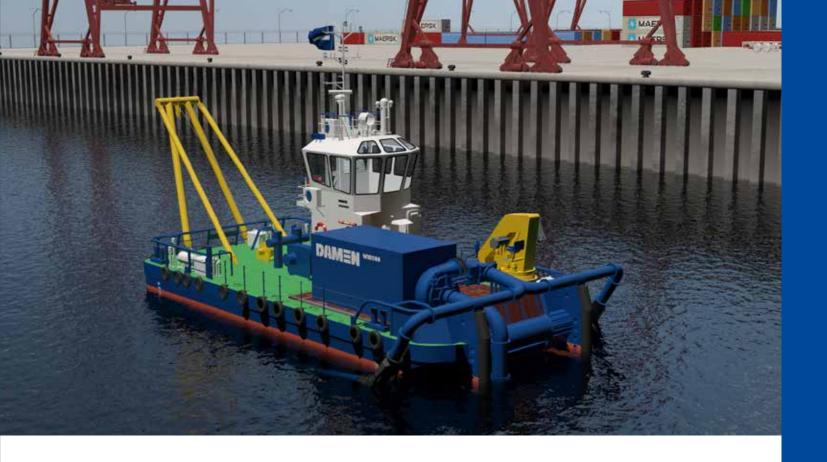
Dredge pipe diameter from 180 - 450 mm

Mixture capacity up to 4,000 m³/h

Installed power up to 400 kW

Total weight up to 7.35 t

Some 25 years after the introduction of the best-selling CSD range, an all-new CSD family has been launched. The first CSD600 is in production, to be followed over time by the rest of the series.



# **COMPACT PACKAGE TURNS YOUR VESSEL INTO A DREDGER**

# **Water Injection Dredgers**

A Water Injection Dredger (WID) aims to remove sediment by injecting it with a large quantity of pressurised water. The bottom sediment, being silt or fine sand, will lift and be removed by current, gradient or tidal movement. The WID gear can be integrated on a new vessel, or it can be retrofitted

to an existing one. The design of the various components is such that it is delivered as a modular dismountable feature. As a result, flexibility is added to the primary tasks of the vessel. The plug and play system can be installed easily without docking.

### **Highlights**

- Any work boat can be transformed into a dredger
- ➤ Modular design package delivery
- ➤ For mounting no docking required
- ➤ All components are container sized
- ➤ Control system in flight cases
- ➤ No support vessels required due to stand-alone operation
- ➤ Maximum mobility and maneuverability

### **WID** range

 Depth
 up to 20.0 m\*

 Vidth
 up to 14.5 m\*

 Total flow
 up to 10,500 m³/h\*

 Footprint
 up to 28 m²\*

\*Depend on vessel and dredging conditions





# **MAINTAINING THE RIGHT DEPTH**

# **Trailing Suction Hopper Dredgers**

Using extensive in-house and in-depth dredging expertise, our engineers have designed the Trailing Suction Hopper Dredgers (TSHD) from the user's perspective; from 1,000 m³ to 5,000 m³. Efficient in operation and practical in maintenance, they are the most advanced and sustainable TSHDs

we have ever built. Standard, but customizable for your specific operation.

It is everything you need to carry out your own dredging activities. This includes all the benefits of operating your own vessel: flexibility and efficiency, twinned with the right balance between OPEX and CAPEX. We offer a Port & Maintenance TSHD range, to keep your port and maintenance dredging tasks up to date. A Multi Purpose TSHD range, to provide you with the power and hopper capacity to take on a wide range of dredging operations.

#### **Available options**

- ➤ Self-discharging installation
- Degassing system
- Instrumentation packages
- ➤ Non-radioactive production measurement
- Additional accommodation space (Multi Purpose)
- ➤ Additional booster station (Multi Purpose)



### **TSHD Port & Maintenance range**

Depth up to 25 m

Dredge pipe diameter up to 700 mm

Hopper volume 900 - 3,000 m³



#### **TSHD Multi Purpose range**

Depth up to 30 m

Dredge pipe diameter up to 900 mm

Hopper volume 2,000 - 5,600 m³



# **MULTIFUNCTIONAL OFFSHORE WORKBOATS**

# **Utility Vessels**

Damen's Utility Vessels are designed to support a wide range of offshore and coastal activities. Large, spacious decks, ample storage and comfortable accommodation for crew and boarding parties are just some of the benefits of these versatile workboats. Designed specifically for light duty supporting tasks, the vessels include the latest technology, have fit-for-purpose

technical installations, and offer a modern and high-performance working vessel.

Damen provides a wide selection of options to allow our customers to tailor their Utility Vessel to their exact requirements. The UV Series offers owners a flexible offshore workboat solution for inshore and offshore operations.

Diesel direct/diesel electric/hybrid propulsion packages; Fixed shafts or rudder propellers; Single/multiple/ retractable bow thrusters; Crane, A-frame and access system options; Towing & anchor handling equipment; Dynamic positioning and 4-point mooring are just some of your options.

### **Highlights**

- ➤ Large clear deck areas
- Cargo hold, stores and offices dedicated to project use
- ➤ A large accommodation, not only for crew but also for project teams
- A high level of comfort that will make seafarers and non-seafarers feel at home whilst at sea

Further a wide selection of options is available to tailor your Utility Vessel to suit your requirements.



### **UV Range**

 Length
 25.1 - 65 m

 Beam
 10.5 - 15.8 m

 Depth
 4.0 - 7.40 m

 Draught
 2.8 - 4.5 m

 Deadweight
 160 - 900 t



From dedicated patrol vessels and interceptors, to multi-purpose oil spill response and fire-fighting vessels, our portfolio ensures full control and security in harbour.

**FULL CONTROL** FOR OPTIMAL SECURITY

Harbour Control







# THE ULTIMATE IN VERSATILITY

# **Stan Tugs**

Damen Stan Tugs benefit from the considerable knowledge gained during generations of successful tug construction. The Stan Tug is the ultimate in versatility, and is suited to towing, pushing, push-pull, berthing, anchor handling, salvage, dive support and pollution control operations.

The series is characterised by spaciousness, which is clearly experienced in both the superstructure and wheelhouse. This includes the obstacle free aft deck, which offers ample space for safe ship handling operations.

Safety is further boosted by the presence of a robust bulwark surrounding the deck. With a close eye on the future, the Stan Tug 1606 has been prepared for IMO Tier III.

### **Available options**

- ➤ IMO Tier III compliant
- > Crew cabin for 4 persons
- ▶ Crane
- ➤ Coupling winches/bollards



### **Stan Tugs**

Bollard pull 16 – 30 t

Length 16.76 – 19.54 m

Beam 5.94 – 7.74 m

Crew max 4 persons

Speed 11 kn





# **SAFE AND VERSATILE**

# **Stan Pilots**

Since the 1970s Damen has been active in the High Speed Craft sector. Numerous high speed workboats were delivered worldwide, of which a notable number were pilot boats.

Experience gathered over the decades has been blended with top hydrodynamic research at Delft University, resulting in vessels like the

Stan Pilot 1605 FRP and the Stan Pilot 2205 FRP.

The Stan Pilot range features a seaworthy hull design, efficient semi planing hull shape and a high performance propulsion system.

The hull is built in modern sandwich composite, which can withstand high impact loads.

A large tumble home angle provides safe boarding, the large sidewalks and fore deck provide a safe working platform for pilots.

A soft ride, low noise and low vibration levels throughoutn their broad speed ranges is what makes Damen Stan Pilots stand out from the crowd.

## **Available options**

- ➤ IMO Tier III compliant
- ➤ Fixed pitch propellers or waterjet propulsion
- ➤ GMDSS A1 / A2
- **▶** Electric MOB recovery system
- **▶** Bow fender
- Crew cabin



#### **Stan Pilots**

 Length
 15.70 - 22.07 m

 Beam
 4.80 - 6.01 m

 Speed
 max 31 kn

 Range at max speed
 200 - 300 nm

 Pilots
 6 - 8 persons





# A GREAT ALL ROUNDER

# **Stan Tenders**

Damen Stan Tenders are defined by a straightforward, no-nonsense approach to diverse tasks including pilot and crew transfer duties as well as survey and diving operations.

The series features vessels from 15 – 19 metres, capable of top speeds of

between 18 and 27 knots. The Stan Tender offers a clear, 360-degree view from the wheelhouse for optimal safety – a crucial feature when operating at high speeds.

The design of the both the vessels and the equipment they use has been

refined over successive generations based on client feedback and market interaction. The result is a reliable partner you can count on.

# **Available options**

- ➤ Electric MOB recovery system
- ➤ Second generator set
- ▶GMDSS A1 / A2
- > Second radar
- **▶** Autopilot



### **Stan Tenders**

 Length
 15.20 - 19.20 m

 Beam
 4.50 - 5.30 m

 Speed
 18 - 27 kn

 Range at max speed
 145 - 330 nm

 (industrial) Personnel
 8 - 16 persons





# **COMPACT CLASS**

# **Stan Patrols**

The Stan Patrol vessels are designed for all weather, high speed activities, employing the Sea Axe bow to reduce ship motions and ensure that the vessels' speed range can be achieved both comfortably and safely in all conditions.

The designs also incorporate a wheelhouse with 360 visibility to

ensure that fast operations are also safe operations.

The Stan Patrol Compact Class is a modular design and can therefore easily adapted to satisfy special requirements.

The Stan Patrol Compact Class vessels are built in composite materials. By using the latest

technology and high grade materials, this construction is superior to aluminium or steel. For the same strength and impact resistance, less weight is needed. This results in higher speeds and better economy. Also the chemical resistance of composites and its ease of repair makes it a first-class construction material.

## **Available options**

- **▶**IMO Tier III compliant
- ➤ Fixed pitch propellers or waterjet propulsion
- GMDSS A1 / A2
- ➤ Slipway for Rhib
- ➤ Navigator seat



#### **Stan Patrols**

 Length
 15.7 - 22.07 m

 Beam
 4.80 - 6.01 m

 Speed
 max 31 knots

 Range at max. speed
 200 - 300 nm

 Crew
 2 - 8 persons



# **YOUR PARTNER FOR ALL PORT ACTIVITIES**





















# 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.

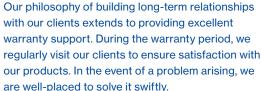


# START-UP **GETTING YOU GOING**

# **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.







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.

## DEPLOYMENT **KEEPING YOU GOING**



#### Fleet Support

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.



#### **Training**

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**

# **Service Hubs**



# Service Hubs

### Europe

Damen Services Netherlands | Gorinchem

Damen Services Germany | Hamburg

Damen Services United Kingdom | Southampton

#### **Africa**

Damen Services Africa | Cape Town Damen Services Nigeria | Port Harcourt

### **Asia & Middle East**

Damen Services Bangladesh | Dhaka

Damen Services Middle East | Sharjah | Dubai

Damen Services South East Asia | Haiphong

#### Americas

Damen Services Brazil | Rio de Janeiro
Damen Services Canada | Victoria
Damen Services Central America | Panama

#### Australia

Damen Services Australia | Brisbane

### **Worldwide Service Hubs**

Damen's Service Hub network grew rapidly over the past few years. At present there are more than ten hubs on five continents. We continuously 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 your needs.



# 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 customers' onboard experience.

We base our designs on performance data from the previous ships that we have built, combined with the knowledge 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 global network of shipyards, we also work closely with third-party shipyards around the world. With a focus on quality and maximum user efficiency, Damen Marine Components ensures the optimal performance of our clients' vessels.

# **DAMEN SHIPYARDS GROUP**

# A broad scope of vessels

General Summary: Damen Shipyards
Group operates 36 shipbuilding and
repair yards, employing 11,000 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 & Conversion (DSC)**

has a worldwide network of fourteen repair and conversion yards of which ten are located in North West Europe. DSC 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. DSC 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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**Damen Shipyards Group** Avelingen-West 20 4202 MS Gorinchem

P.O. Box 1 4200 AA Gorinchem The Netherlands

+31 (0)183 63 99 22 info@damen.com

