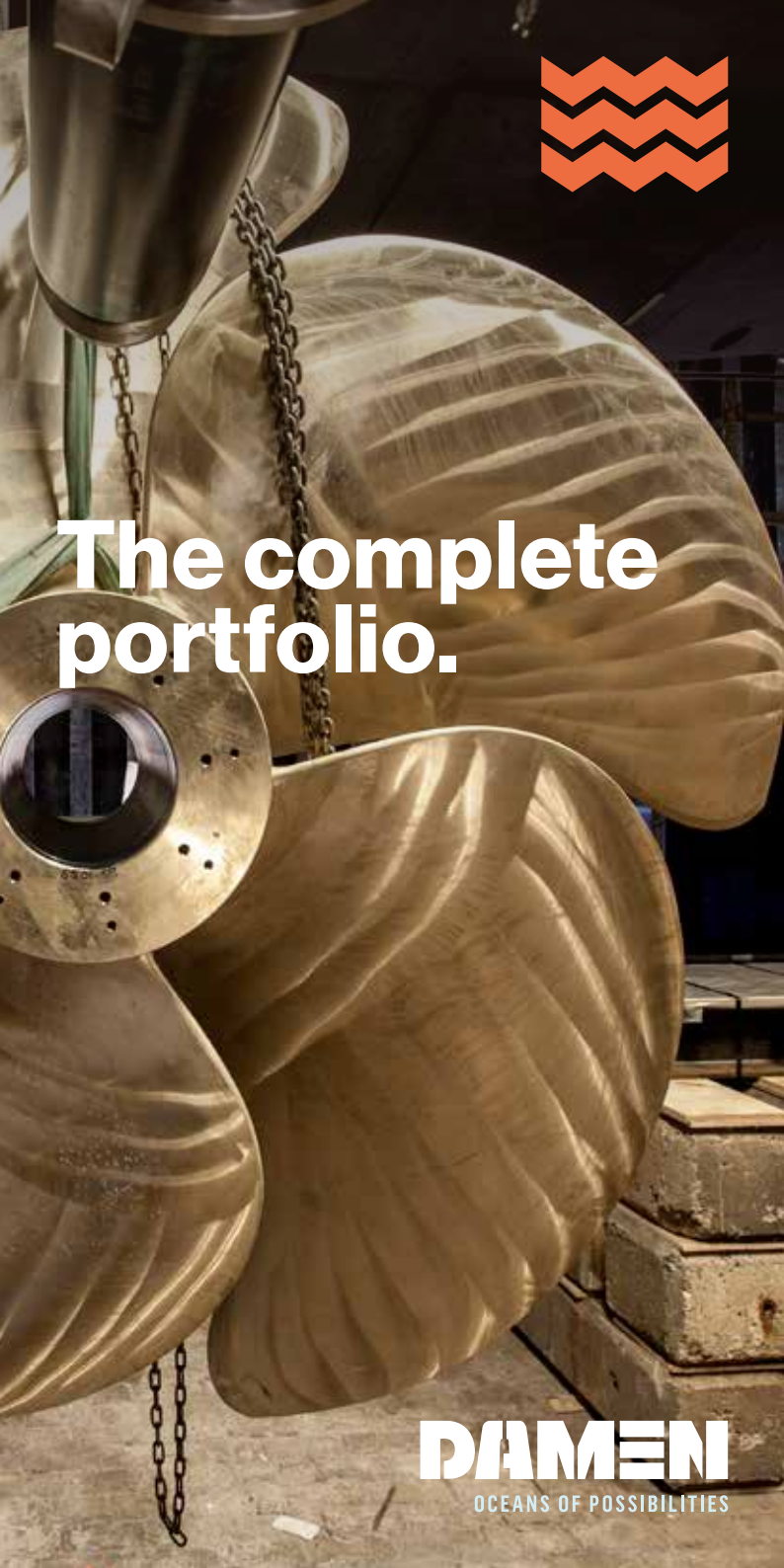

The complete portfolio.
DAMEN
OCEANS OF POSSIBILITIES



OUR MISSION

We aspire to become the most sustainable, connected shipbuilder and maritime solutions provider in the world.
We aim to achieve maximum impact with minimum emissions.

OUR VISION

At Damen, we believe that oceans, seas, lakes and rivers offer humanity a growing range of possibilities in the areas of trade, food, energy and recreation.
We offer unprecedented maritime solutions for this through design, shipbuilding, ship repair and related services.
We offer versatile platforms to connect the world and enable you to be successful.
Innovative ships that inspire and raise the standard in terms of safety, reliability, efficiency, ease of use and – crucially – sustainability.

**Damen started out in 1927, a family-owned company on the River Merwede in the Netherlands.
Today we are still on the same riverbanks, and we are still a family company. With over 35 yards and Service Hubs all over the world however, our focus is global.**

We are well-known for our unique newbuild philosophy; the construction of standardised vessels for stock. For our clients this means rapid delivery of their assets. And, with R&D undertaken over successive generations of series production, they can count not just on continual evolution, but on reliable performance.

The commonality and reliability of our portfolio equals reduced maintenance requirements, leading to maximum vessel uptime, resulting in the lowest possible total cost of ownership over the vessel's lifecycle.

We take pride in this and make sure the same reliability and craftsmanship is also applied to our extensive range of equipment and the ship repair and conversion services that we deliver.

Find our complete range of equipment and services on **Damen.com**

Proud to offer you the best solution

Standardised designs
Proven technology

Vessels in stock
Short delivery times

High resale value
Guaranteed performance

Worldwide network
Local presence

Interchangeability
Of spares and equipment

Azimuth Stern Drive (ASD) Tugs embody a mix of new designs and proven technologies, placing the future on a solid foundation in port or at sea.



Azimuth Stern Drive (ASD) Tug

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
ASD 3212	83 t	32.70 m	5,050 bkW	13.5 kn	12.82 m
ASD 2813	83 t	27.59 m	5,050 bkW	13.0 kn	12.93 m
ASD 2811	60 t	28.57 m	3,806 bkW	13.0 kn	11.43 m
ASD 2312	70 t	22.80 m	3,804 bkW	12.2 kn	12.03 m
ASD 2111	50 t	21.02 m	2,760 bkW	10.7 kn	11.13 m
ASD 1810	33 t	18.25 m	1,940 bkW	11.6 kn	10.23 m

Drawing on our experience building ASD Tugs we have developed our RSD Tug Series – the ultimate ship handling tool.



Reversed Stern Drive (RSD) Tug

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
RSD 2513	80 t	24.73 m	5,050 bkW	13.0 kn	13.13 m

Building on the well-established sustainable credentials of the series, the RSD-E Tug 2513 is not only the ultimate shiphandling tool, it is also the greenest.



Reversed Stern Drive (RSD-E) Tug Electric

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
RSD-E 2513	70 t	24.73 m	3,800 bkW	12.0 kn	13.13 m

Damen's Ice Class Tugs are suited to a wide range of tasks including icebreaking, towing and pushing, firefighting and ice management.



Azimuth Stern Drive Tug Ice Class

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
ASD 3413 ICE	72 t	33.45 m	7,400 bkW	14.0 kn	12.53 m
ASD 3010 ICE	60 t	29.84 m	3,840 bkW	12.9 kn	10.43 m
ASD 2609 ICE	40 t	26.45 m	2,610 bkW	12.7 kn	9.50 m

Our electric tugs build on the foundation of Damen's next generation tugs and are designed to make zero emission operations possible.



Azimuth Stern Drive (ASD-E) Tug Electric

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
ASD-E 2111	50 t	21.02 m	3,800 bkW	10.7 kn	10.81 m

Damen's Stan Tugs are multifunctional, standardised vessels that can be customised to meet our clients' exact specifications.



Stan Tug (STu)

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
STu 1907	30 t	19.54 m	1,790 bkW	11.2 kn	7.74 m
STu 1606	16 t	16.76 m	894 bkW	11.0 kn	5.94 m

Multi Cats are versatile, multipurpose vessels, designed to work in shallow & deep water.



Multi Cat (MuC)

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
MuC 3713	35 t	36.7 m	746 bkW	10.0 kn	12.5 m
RSV 3315 DP2	40 t	33.2 m	2,560 bkW	10.0 kn	14.5 m
MuC 3313 SD	28 t	32.9 m	1,797 bkW	10.0 kn	12.5 m
MuC 3013	35 t	30.2 m	2,125 bkW	10.0 kn	12.5 m
MuC 2712	32 t	27.3 m	1,790 bkW	10.0 kn	11.5 m
MuC 2309	15 t	23.4 m	956 bkW	9.0 kn	9 m
MuC 1908	13.5 t	19.1 m	894 bkW	9.0 kn	8 m
MuC 1908 E	7 t	19.1 m	530 ekW	7.5 kn	8 m
MuC 1908 SD	8.5 t	19 m	574 bkW	9.0 kn	8.5 m
MuC 1506	7.4 t	15.8 m	442 bkW	8.6 kn	6.1 m
MuC 1205	3.5 t	12.5 m	204 bkW	7.5 kn	5 m
MuC 1004	2 t	10.9 m	153 bkW	7.0 kn	4.5 m

Shoalbusters are versatile, multipurpose vessels, designed to work in shallow & deep water and in areas of limited manoeuvrability.



Shoalbuster (SBu)

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
SBu 3815 SD	18 t	38.4 m	1,148 bkW	10.0 kn	15 m
SBu 3514 SD	60 t	35.6 m	3,876 bkW	12.5 kn	13.5 m
SBu 3512	50 t	34.8 m	2,910 bkW	11.5 kn	12 m
SBu 3209	45 t	32.3 m	2,610 bkW	11.0 kn	9.1 m
SBu 2711	41 t	27.1 m	2,610 bkW	11.0 kn	10.5 m
SBu 2709 ICE	32 t	27 m	1,940 bkW	11.0 kn	9.1 m
SBu 2609	30 t	26 m	1,790 bkW	11.0 kn	9.1 m
SBu 2308	21 t	23.4 m	1,268 bkW	10.5 kn	8 m

Our Modular Multi Cats provide heavy-duty, multipurpose workboats which are delivered in container-sized units.



Modular Multi Cat (MMuC)

	BOLLARD PULL	LENGTH	POWER	SPEED	BEAM
MMuC 2210	6 t	22.5 m	390 bkW	7.0 kn	10.1 m
MMuC 1807	5 t	18.5 m	390 bkW	7.0 kn	7.7 m
MMuC 1805	5 t	18.3 m	400 bkW	9.5 kn	5.3 m
MMuC 1205	4.8 t	12.8 m	306 bkW	7.1 kn	5.3 m

The Damen HDPE Workboat is a heavy duty vessel suitable for commercial and utility duties including patrol, port operations, offshore, dredging and aquaculture support, search and rescue and public transport.



HDPE Workboat (HWB)

	LENGTH	BEAM	DRAUGHT	SPEED	PROPULSION
HWB 1204 C	12.9 m	3.8 m	0.54 m	+30 kn	outboards
HWB 1204 S	12.9 m	3.8 m	0.57 m	+30 kn	outboards
HWB 1003 C	10.7 m	3.2 m	0.55 m	+30 kn	outboards
HWB 1003 S	10.7 m	3.2 m	0.60 m	+30 kn	outboards
HWB 902 C	9.7 m	2.4 m	0.46 m	+30 kn	outboards
HWB 902 S	9.7 m	2.4 m	0.48 m	+30 kn	outboards
HWB 702 C	7.9 m	2.4 m	0.48 m	+30 kn	outboards
HWB 702 S	7.9 m	2.4 m	0.50 m	+30 kn	outboards
HWB 602 C	6.7 m	2.5 m	0.34 m	+21 kn	outboard

C = Console, S = Superstructure

PILOT & TENDER VESSELS

Stan Tenders distinguish themselves as robust and straightforward vessels for all-round jobs.



Stan Tender (STe)

	LENGTH	BEAM	SPEED	PILOTS	HULL CONSTRUCTION
STe 1905	19.2 m	5.3 m	27 kn	16 persons	Steel
STe 1504	15.2 m	4.5 m	18 kn	8 persons	Steel
HST 1505	15.2 m	5.2 m	25 kn	12 persons	HDPE
HST 1204	12.1 m	4.1 m	25 kn	6 persons	HDPE

PILOT & TENDER VESSELS

Built to modern workboat standards, the Stan Pilot is a robust vessel with a long life span, whatever role you have in mind for it.



Stan Pilot (SPi)

	LENGTH	BEAM	SPEED	PILOTS	HULL CONSTRUCTION
SPi 2205 FRP	22.7 m	6.1 m	30 kn	6 persons	FRP
SPi 1905	19.3 m	4.8 m	30 kn	8 persons	Aluminium
SPi 1605 FRP*	15.7 m	4.8 m	31 kn	6 persons	FRP

* available in propeller and waterjet version

FERRIES

Whether work, school or leisure, City Ferries are safely delivering their passengers to destinations all over the world.



City Ferry

	LENGTH	BEAM	POWER	SPEED	PASSENGERS
Waterbus 2907 Hybrid	28.6 m	7.5 m	2x 375 kW	21.6 kn	120
Waterbus 2907 Electric	28.6 m	7.5 m	2x 375 kW	21.6 kn	120
Waterbus 2407	24.5 m	7 m	2x 375 kW	21.6 kn	120
Ferry 3508	35.6 m	8.5 m	2x 294 kW	11.5 kn	300
Ferry 2306 Electric	23.2 m	5.6 m	2x75 kW	9.0 kn	90
Ferry 1806	18 m	5.6 m	2x 89 kW	8.5 kn	130

Damen's Fast Ferries are known for their reliability and affordability. Our designs focus on passenger comfort, high operability and predictable maintenance.



Fast Ferry (FF)

	LENGTH	BEAM	POWER	SPEED	PASSENGERS
FFe 4212	42.2 m	11.6 m	5,760 bkW	40.0 kn	445

Competing with highways, bridges and tunnels, river crossing ferries act as 'niche players', serving customers that don't want to take a long detour. Find below some examples which were engineered to order.



Road Ferry (RFe)

	LENGTH	BEAM	SPEED	PASSENGERS	NUMBER OF CARS
RFe 13023	130.4 m	22.7 m	15.7 kn	1,750	2x 704
RFe 9819 E3	98 m	19.8 m	12.0 kn	399	83
RFe 8521	85 m	21 m	22.0 kn	600	112
RFe 8117 E3	81.2 m	17 m	14.0 kn	296	44
RFe 6819 E3	70.4 m	19.8 m	12.0 kn	300	42

FERRIES

Island Ferries are built in many sizes and capacities, given that each one is fully tailored to a specific route or operation. Find below some examples which were engineered to order.



Island Ferry

	LENGTH	BEAM	SPEED	PASSENGERS	NUMBER OF CARS
RPa 8017	81 m	17.2 m	14.0 kn	200	64
RPa 7015	70 m	15 m	15.0 kn	380	45
RPa 6716	67.3 m	16 m	10.0 kn	380	32
FRPa 5510	56.6 m	13 m	21.5 kn	188	18
FRPa 4812	48.3 m	12.3 m	23.0 kn	60	22
FRPa 4512	45 m	12.3 m	20.0 kn	158	16

Our Modular Ferries provide customers with an entire vessel delivered in container-sized units. Below there are some examples of ferries which were engineered to order.



Modular Ferry (MFe)

	LENGTH	BEAM	SPEED	PASSENGERS	NUMBER OF CARS
MFe 3710	36.3 m	9.8 m	7.4 kn	150	14
MFe 3612	36.5 m	12.3 m	7.5 kn	150	20
MFe 3610	36.4 m	9.8 m	7.4 kn	150	14
MFe 3012	30.4 m	12.2 m	8.9 kn	200	16
MFe 2412	24 m	12.5 m	7.4 kn	210	8
MSPFe 2409	24 m	9 m	7.6 kn	200	n.a
MFe 2010	20 m	9.8 m	7.4 kn	100	6

The design of our Cutter Suction Dredger is based on decades of dredging experience. Our modular dredgers can be transported easily and are customised before delivery.



Cutter Suction Dredger (CSD)

	PRODUCTION	DREDGING DEPTH	TOTAL INSTALLED POWER	PIPE DIAMETER	LENGTH
CSD 650-25m	7,000 m³/h	25 m	3,966 kW	650 mm	70 m
CSD 650-18m	7,000 m³/h	18 m	2,972 kW	650 mm	61.2 m
CSD 500	4,000 m³/h	14 m	954 kW	500 mm	38.5 m
CSD 450	3,000 m³/h	12 m	709 kW	450 mm	33.15 m
CSD 350	2,000 m³/h	9 m	447 kW	350 mm	26 m
CSD 250	1,000 m³/h	6 m	254 kW	250 mm	19 m

A booster station is used as an additional sand pump in a long discharge pipeline. The booster stations matches the CSDs dredge pump and drive for practical maintenance.



Booster Station (BS)

	PIPE DIAMETER	TOTAL INSTALLED POWER	PRODUCTION	TOTAL WEIGHT	LENGTH
BS650	650 mm	1825 kW	7,000 m³/h	60 t	12.9 m
BS500	500 mm	954 kW	4,000 m³/h	32 t	9.13 m
BS450	450 mm	709 kW	3,000 m³/h	24 t	9.13 m
BS350	350 mm	450 kW	2,000 m³/h	7.5 t	6.55 m
BS250	250 mm	285 kW	1,000 m³/h	5.8 t	3.85 m

The easily adjustable design of DOP Dredgers sets them apart. Suitable for a wide variety of tasks including sand mining, deep dredging, hydropower dam sediment removal and cleaning remote water reservoirs.



DOP Dredger

	MAX. MIXTURE CONCENTRATION	MAX. DREGING DEPTH	DREDGE PIPE DIAMETER	TOTAL INSTALLED POWER	LENGTH
DD150	600 m³/h	-30 m	150 mm	175 kW	44.2 m
DD200	800 m³/h	-30 m	200 mm	242 kW	44.3 m
DD250	1,250 m³/h	-30 m	250 mm	403 kW	45 m
DD350L	2,400 m³/h	-30 m	350 mm	454 kW	46.3 m
DD350	2,400 m³/h	-30 m	350 mm	565 kW	46.3 m

Sand mining at unlimited depth by a wire suspended DOP Dredge pump. This is a highly efficient dredging operation due to the maximised mixture concentration.



DOP Dredger as a mining tool

	MAX. MIXTURE CONCENTRATION	MAX. DREGING DEPTH	DREDGE PIPE DIAMETER	TOTAL INSTALLED POWER	LENGTH
DD150	600 m³/h	-50 m	150 mm	243 kW	14.9 m
DD200	800 m³/h	-50 m	200 mm	317 kW	14.9 m
DD250	1,250 m³/h	-50 m	250 mm	578 kW	14.9 m
DD350L	2,400 m³/h	-50 m	350 mm	667 kW	14.9 m
DD350	2,400 m³/h	-50 m	350 mm	778 kW	14.9 m

The DOP submersible dredge pump is a compact, heavyy-duty dredging pump designed with a harsh dredging and mining environment in mind.



Hydraulically driven DOP Dredge Pump

	PRODUCTION	TOTAL HEAD MAX	PIPE DIAMETER	UNIT WEIGHT	MAX. POWER AT SHAFT
DOP450L	4,000 m³/h	3.5 bar	450 mm	7.35 t	400 kW
DOP350	2,400 m³/h	4.8 bar	350 mm	5.33 t	360 kW
DOP350L	2,400 m³/h	3.2 bar	350 mm	4.58 t	240 kW
DOP250	1,250 m³/h	5.3 bar	250 mm	2.43 t	195 kW
DOP200	800 m³/h	5.0 bar	200 mm	1.36 t	120 kW
DOP150	600 m³/h	5.0 bar	1,300 mm	1.1 t	80 kW

Using extensive in-house and in-depth dredging expertise, our engineers have designed Trailing Suction Hopper Dredgers (TSHDs) from the user's perspective.



Trailing Suction Hopper Dredger (TSHD)

	DREDGING DEPTH	HOPPER CAPACITY	DEADWEIGHT	TRAILING PIPE DIAMETER
Multipurpose Series				
TSHD 5000	30 m	5,200 m³	8,400 t	900 mm
TSHD 4000	30 m	4,200 m³	6,800 t	800 mm
TSHD 3000	25 m	3,300 m³	5,250 t	700 mm
TSHD 2000	20 m	2,200 m³	3,350 t	600 mm
Port and Maintenance Series				
TSHD 2500	25 m	2,500 -3,000 m³	4,200 t	700 mm
TSHD 2000	25 m	2,000 - 2,400 m³	3,350 t	600 mm
TSHD 1500	20 m	1,500 - 1800 m³	2,550 t	500 mm
TSHD 1000	20 m	1,000 m³	1,400 t	400 mm

Damen has developed a dedicated range of Marine Aggregate Dredgers (MAD) for the offshore mining of sand and gravel. Below there are some examples which were engineered to order.



Marine Aggregate Dredger (MAD)

	DREDGING DEPTH	HOPPER CAPACITY	DEADWEIGHT	TRAILING PIPE DIAMETER	TOTAL INSTALLED POWER
MAD 5600	9.10 m	5,600 m³	9,850 t	750 mm	2x3000 kW
MAD range	up to 70 m	3,000-8,000 m³	6,000-16,000 t	700-900 mm	4000-9,000 kW

Electrically driven E-DOP slurry pumps only differfrom the well-known hydraulically driven ones because they have a different drive system.



Electrically driven DOP Dredge Pump (EDOP)

	PRODUCTION	TOTAL HEAD MAX	PIPE DIAMETER	UNIT WEIGHT	MAX. POWER AT SHAFT
E-DOP450L	4,000 m³/h	3.5 bar	450 mm	9.9 t	400 kW
E-DOP350	2,400 m³/h	4.8 bar	350 mm	7.5 t	360 kW
E-DOP350L	2,400 m³/h	3.2 bar	350 mm	6.3 t	240 kW
E-DOP250	1,250 m³/h	5.3 bar	250 mm	4.1 t	195 kW
E-DOP200	800 m³/h	5.0 bar	200 mm	2.5 t	120 kW
E-DOP150	600 m³/h	5.0 bar	180 mm	2.2 t	80 kW

Wherever your yard is located, whatever dredge job has to be done: the customised trailing pipe dredge package will ensure optimal production of your TSHD.



Trailing Suction Pipe (TSP)

	DREDGE PIPE DIAMETER	DREDGING DEPTH	MIXTURE CAPACITY	HOPPER CAPACITY
TSP900	900 mm	30 m	11,450 m³/h	4,000 m³
TSP800	800 mm	30 m	9,050 m³/h	3,000 m³
TSP750	750 mm	25 m	7,950 m³/h	2,500 m³
TSP700	700 mm	25 m	6,950 m³/h	2,000 m³
TSP600	600 mm	20 m	5,100 m³/h	1,500 m³
TSP500	500 mm	20 m	3,550 m³/h	1,000 m³
TSP400	400 mm	15 m	2,250 m³/h	500 m³

The Water Injection Dredging system is a modular, self-supporting system which can be placed on the deck of a workboat.



Water Injection Dredger (WID)

	MAX. DREDGING DEPTH	MAX. FLOW	WEIGHT APPROX.	LENGTH JET ARM	FOOTPRINT JET BEAM
WID 600	-20 m	10,500 m³/h	60 t	26.5 m	14.5 m
WID 500	-12 m	4,200 m³/h	25 t	17 m	10 m

When it comes to anchor handling and towing, efficient and safe operations are key. Damen's versatile Anchor Handling Tug Suppliers (AHTS) are dependable and strong, ready to take on any challenge.



Anchor Handling Tug Supplier (AHTS)

	BOLLARD PULL	LENGTH	POWER TOTAL	WINCH PULL	BEAM
AHTS 200	200 t	89.1 m	13,500 bkW	400 t	22 m
AHTS 180	180 t	79.2 m	10,500 bkW	410 t	20 m
AHTS 150	150 t	74.1 m	8,800 bkW	300 t	18.5 m
AHTS 120	120 t	66 m	7,000 bkW	250 t	16.4 m
AHTS 75	75 t	61.3 m	4,400 bkW	150 t	14 m

The PSV Series has a unique, eye-catching design that stands out from the crowd. Designed with a strong emphasis on functionality, operability and ease of maintenance.



Platform Supply Vessel (PSV)

	DEADWEIGHT	LENGTH	SPEED	BEAM	DECK AREA
PSV 6000 CD	6,300 t	90 m	13.6 kn	21 m	1,100 m^2
PSV 5000 CD	5,000t	90 m	13.6 kn	19 m	1,020 m^2
PSV 4000 CD	4,100 t	87 m	14.5 kn	17.60 m	840 m^2
PSV 3300 CD	3,500 t	80 m	13.5 kn	16.20 m	720 m^2
PSV 2500	2,500 t	73 m	12.2 kn	15 m	530 m^2
PSV 1600	1,600 t	61 m	12.3 kn	14 m	390 m^2

Damen has a wide range of vessels to safeguard the environment on offer, covering for firefighting, pollution control, patrol activities and research duties. The examples below were engineered to order.



Emergency Response Vessel (ERV)

	LENGTH	BEAM	DEADWEIGHT	REC OIL CAPACITY	SPEED MAX
PCV 8313	83.02 m	12.8 m	2,000 t	1060 m3	13 kn
ETV 8116	81 m	16 m	2,170 t	1000 m3	16 kn
SSV 4711	48 m	11 m	425 t	n.a.	13.5 kn
OSRV 1050	67 m	14 m	1.600 t	1050 m3	13 kn

OFFSHORE SUPPORT VESSELS

Damen offers an SOV and CSOV design for any circumstance. A stepless access workflow ensures safe and efficient operations on board.



Service Operations Vessel (SOV)

	LENGTH	SPEED	DEADWEIGHT	ACCOMMODATION (CREW + SPECIAL PERSONNEL)	COVERED WAREHOUSE AREA
CSOV 9020	88 m	13 kn	1,900 t	120	500 m^3
SOV 8417	84 m	12 kn	980 t	90	480 m^3
SOV 7017	70.1 m	12 kn	800 t	60	420 m^3
SOV 6017	60 m	12 kn	700 t	44	290 m^3

The Offshore Carrier (OCA) is a multifunctional platform with a proven track record. This versatile vessel can easily be customised for specific sectors e.g. Cable Laying Vessel.



Offshore Carrier (OCA)

	LENGTH	BREADTH	DRAUGHT	DEADWEIGHT ALL TOLD	TRIAL SPEED MAX APPROX.
Offshore Carrier Range	100-150 m	20-32 m	5.5-8.0 m	5,000-14,000 t	10-15 kts

Utility Vessels are designed specifically for light duty supporting tasks, include the latest technology and have fit-for-purpose technical installations.



Utility Vessel (UV)

	LENGTH	BEAM	DRAUGHT	DEADWEIGHT	SPEED
UV 6516	65 m	15.80 m	4.50 m	900 t	12.5 kn
UV 5514	54.91 m	14 m	4.30 m	850 t	12.7 kn
UV 4312	43.30 m	12 m	2.60 m	460 t	9.2 kn
UV 3911	39.40 m	10.80 m	3 m	250 t	11.3 kn
UV 2510	25.10 m	10.50 m	2.80 m	160 t	9 kn
LUV 2208	21.70 m	7.50 m	1.55 m	60 t	9 kn

OFFSHORE SUPPORT VESSELS

Having served on the seas for decades, the Damen Fast Crew Supply Vessel designs are of proven reliability.



Fast Crew Supplier (FCS)

	LENGTH	SPEED	DECK AREA	PERSONNEL	HULL CONSTRUCTION
FCS 7011	73.6 m	40 kn	35 m²	150	Aluminium
FCS 5009	53.2 m	27 kn	225 m²	80	Steel
FCS 4208	42.2 m	26 kn	120 m²	100	Aluminium
FCS 4008	41.2 m	30 kn	140 m²	100	Steel
FCS 3307	34.2 m	28 kn	75 m²	75	Aluminium
FCS 3210 Hybrid	31.9 m	24 kn	90 m²	28	Aluminium
FCS 2710	26.8 m	25 kn	90 m²	24	Aluminium
FCS 2710 Hybrid	26.8 m	25 kn	90 m²	24	Aluminium
FCS 2506	26.6 m	30 kn	25 m²	55	Aluminium
FCS 2206	22.1 m	32 kn	25 m²	42	Aluminium
FCS 1905	19.3 m	30 kn	20 m²	30	Aluminium
FCS 1605 FRP	16 m	27 kn	17 m²	30	FRP

The FLOW-SV concept is designed to transport and install the larger, heavier chains and anchors of the Floating Offshore Wind Turbines mooring installations, safely, quickly and reliably.



Floating Offshore Wind Support Vessel Concept (FLOW-SV)

	LENGTH OVERALL	AFT WORKING DECK AREA	FORWARD COVERED WORKING DECK AREA	MAX. PROOF LOAD	BOLLARD PULL AHEAD
FLOW-SV 400 concept	150 m	1585 m²	400 m2	1000 t	400 t

The Multibuster 8020 is designed to perform a wide variety of operational tasks across a number of different markets.



Multipurpose Vessels

	DECK AREA	ACCOMMODATION	DRAUGHT	DECK STRENGTH	BEAM
Multibuster 8020	800 m²	60	3 m	10 t/m²	20 m

Stan Pontoons are designed to be flexible in every possible way. This is thanks to their modular build and preprepared options.



Stan Pontoon (SPo)

	LENGTH	BEAM	DEADWEIGHT	DECK SPACE	DECK LOAD
SPo B32	98 -		16,000 -	3,118 -	
	109 -		18,000 -	3,477 -	
	120 m	32.2 m	20,000t	3,837 m²	20 t/m²
SPo B27	91 m	27.4 m	9,300 t	2,490 m²	20 t/m²
SPo B24	63 -		4,080 -	1,530 -	
	74 -		4,700 -	1,792 -	
	86 m	23.5 m	5,145 t	2,055 m²	20 t/m²
SPo B20	50 -		2,505 -	1000 -	
	61 -		3,015 -	1220 -	
	72 m	20 m	3,410 t	1,430 m²	20 t/m²
SPo B16	41 -		1,445 -	680 -	
	52 -		1,825 -	860 -	
	63 m	16.5 m	2,140 t	1,035 m²	15 t/m²
SPo B13	41 -		965 -	530 -	
	52 -		1,190 -	675 -	
	63 m	13 m	1,360 t	815 m²	10 t/m²
SPo B11	30 -		465 -	340 -	
	41 -		640 -	463 -	
	52 m	11.4 m	770 t	585 m²	10 t/m²
SPo B08	23 m	8 m	160 t	180 m²	8 m²

Whether it is for an application of proven technology, a lifetime extension or creating an all-new concept, our design team has the experience to make it a reality.



Crane Barge (CrBa)

	LENGTH	BEAM	DEPTH	DEADWEIGHT	CRANE CAPACITY
CrBa 8025	80.25 m	25 m	4.50 m	4,600 t	400 t / 16 m
CrBa 7532	75 m	32.20 m	6.10 m	2,000 t	625 t / 25 m
CrBa 7525	75 m	25 m	5 m	2,000 t	50 t / 50 m
CrBa 6324	63 m	23.50 m	4.50 m	1,720 t	45 t / 36 m
CrBa 4920	48.75 m	20 m	4 m	800 t	80 t / 14 m
CrBa 4518	45.15 m	18.60 m	3.80 m	500 t	140 t / 9 m

In close collaboration with project partners we can design pontoons for special purposes to meet particular specifications.



Custom Built Pontoons & Barges

	DEADWEIGHT	LENGTH	BEAM	DRAUGHT	CAPACITY
Fuel Barge 4315	1,360 t	43.2 m	15.2 m	3.2 m	1,525 m³
Fuel Barge 6316 IWW	1,250 t	63.1 m	16.5 m	1.8 m	1,450 m³
Fuel Barge 7820	4,835 t	78 m	20 m	4.3 m	4,942 m³
Fuel Barge 14230	14,725 t	142 m	30 m	5 m	13,862 m³
Liquid Cargo Barge	1,000 t - 20,000 t	30 m - 140 m	9 m - 45 m	1,5 m - 12 m	10,000 m³ - 25,000 m³

An entire heavy-duty work pontoon configured out of container-sized units. All of the machinery and equipment is based on robust and proven technology. Find below examples which were engineered to order.



Modular Pontoon (MPo)

	LENGTH	BEAM	DEPTH AT SIDES	DECK SPACE	DECK LOAD
MPo 3617	36.70 m	17.20 m	2.44 m	630 m²	6.8 t/m²
MPo 3015	30.80 m	15.07 m	2.44 m	450 m²	15 t/m²
MCPo 2415	24.30 m	14.80 m	1.80 m	360 m²	6.8 t/m²
MDBa 2407	24.30 m	7.30 m	2.40 m	180 m²	6.8 t/m²
MPo 2212	22.20 m	12.20 m	1.80 m	270 m²	6.8 t/m²
MBPo 1810	18.30 m	9.80 m	1.80 m	180 m²	6.8 t/m²
MPo 1212	12.20 m	12.12 m	1.80 m	150 m²	6.8 t/m²

Modular Jetties provide an entire heavy-duty berthing pontoon configured out of container-sized units. Below there are some examples which were engineered to order.



Modular Jetty (MJe)

	LENGTH	BEAM	DRAUGHT EMPTY	DEPTH AT SIDES	DECK LOAD
MJe 7505	78.30 m	4.90 m	0.4 m	1.80 m	6.8 t/m²
MJe 6005	60 m	5 m	0.4 m	1.80 m	2 t/m²
MJe 4802	48.80 m	2.44 m	0.4 m	1.80 m	6.8 t/m²
MJe 2005	20 m	5 m	0.8 m	2 m	6.8 t/m²

The HDPE Jetty is a robust, durable, low maintenance solution for commercial maritime applications such as waterbus terminals and tugboat mooring.



HDPE Jetties

	LENGTH	BEAM	DRAUGHT	DECK SPACE	DECK LOAD
HJ 3504	37.7 m	5.8 m	0.6 m	153 m^2	0.5 t/m^2
HJ 3008	34.66 m	8.27 m	0.45 m	192 m^2	0.5 t/m^2
HJ 3006	32.2 m	5.5 m	0.5 m	116 m^2	0.5 t/m^2
HJ 1203	12 m	3.3 m	0.22 m	33 m^2	0.5 t/m^2
HJ 602	6.25 m	1.96 m	0.66 m	10 m^2	0.5 t/m^2

Over the years, Damen has delivered a number of customised frigates to the Royal Netherlands Navy. Below there are some examples which were engineered to order.



Custom Built Combatants

	LENGTH	BEAM	DRAUGHT	DISPLACEMENT	SPEED MAX
Multipurpose Combat Ship F126	166 m	21.7 m	5.9 m	10,550 t	26 kn
Air Defence and Command Frigates	144.2 m	18 m	5.2 m	6,050 t	29 kn
M-Frigates	122 m	14.4 m	6.2 m	3,300 t	n.a

Ship Integrated Geometrical Modularity Approach (SIGMA).



SIGMA Combatants

	LENGTH	BEAM	DRAUGHT	DISPLACEMENT	SPEED MAX
SIGMA Multi-Mission Frigate 12516	125 m	16 m	4.6 m	4,600 t	27+ kn
SIGMA Multi-Mission Frigate 11515	115 m	15 m	4.5 m	3,800 t	27+ kn
SIGMA Multi-Mission Frigate 10514	105 m	14 m	3.9 m	2,500 t	27+ kn
SIGMA Light Frigate 10513	105 m	13 m	3.7 m	2,300 t	25-28 kn
SIGMA 9813 Corvette Light Frigate	98 m	13 m	3.7 m	2,100 t	25-28 kn
SIGMA Fast Combatant 7311	91 m	13 m	3.7 m	1,900 t	25-28 kn
SIGMA Fast Combatant 6110	73 m	11 m	3 m	1,000 t	25-30 kn
M-Frigates	61 m	10 m	3 m	750 t	25-30 kn

Fully developed with current and future capability in mind, the Damen Crossover (XO) is the ultimate mission, modular naval concept.



Crossovers (XO)

	LENGTH	DISPLACEMENT	SPEED MAX	CREW	ADDITIONAL PERSONNEL
XO 139 CF	139 m	5,600 t	30 kn	108-125	128
XO 131 C	131 m	5,300 t	28 kn	108-125	128
XO 131 A	131 m	5,500 t	26 kn	68-83	200
XO 131 L	131 m	5,500 t	18-22 kn	56-83	200
XO 123 SF	123 m	5,000 t	24 kn	65-84	200
XO 115 S	115 m	4,500 t	21 kn	65-84	154

Our Landing Platform Docks (LPDs) can transport marines with all of their equipment and supplies. Below there are some examples which were engineered to order.



Custom Built Landing Platform Docks (LPDs)

	LENGTH	BEAM	DRAUGHT	RANGE	CREW
LPD Zr.Ms. Johan de Witt	176.35 m	27.2 m	6.15 m	6,000	151
LPD Zr.Ms. Rotterdam	166.20 m	25 m	5.80 m	6,000	128

Our Landing Craft range includes cost-effective design features such as a bow/stern ramp for vehicles up to 70 tonnes, a stern anchor and winch. Find below examples which were engineered to order.



Landing Craft

	LENGTH	BREADTH	DRAUGHT	RANGE	SPEED
LCU 3607	36.60 m	6.8 m	1.25 m	200 nm	11 kn
LCVP 1604	16 m	4.2 m	0.70 m	200 nm	22 kn
ESB 1604	15.70 m	4.2 m	1 m	200 nm	20 kn
FAC 1604	15.90 m	4.0 m	0.80 m	200 nm	30 kn

The Landing Ship range is a state-of-the-art, flexible Class. Designed to fulfil traditional mission requirements, as well as support and secondary mission tasks.



Landing Ship

	LENGTH	BREADTH	DRAUGHT	RANGE	CREW
Landing Ship Transport LST 120	119 m	16 m	3.5 - 3.9 m	4,500 nm	18
Landing Ship Transport LST 120H	119 m	16 m	3.5 - 3.9 m	4,500 nm	18
Landing Ship Transport LST 100	100 m	16 m	3.5 - 3.9 m	4,000 nm	18
Landing Ship Transport LST 90	90 m	14 m	2.7 - 3.0 m	3,000 nm	12
Landing Ship Logistics LSL 80	80 m	14 m	2.7 - 3.0 m	2,500 nm	12
Stan Lander 5612	57.27 m	12 m	2.5-2.7 m	3,000 nm	16

Specifically developed for navies and coastguards worldwide over many decades, Damen's Offshore Patrol Vessels (OPVs) embody versatility.



Offshore Patrol Vessel (OPV)

	LENGTH	SPEED MAX	CREW	BEAM	PROPULSION
OPV 2400 Coast Guard	90.50 m	20-22 kn	Up to 80	14 m	4x2,240 kW
OPV 1800 Coast Guard	83 m	20-22 kn	Up to 70	13.70 m	4x1,765 kW
OPV 1400 Coast Guard	72 m	18-21 kn	Up to 60	12.70 m	4x1,765 kW
OPV 2600 Military	91.20 m	22-25 kn	Up to 120	14.60 m	4x3,000 kW
OPV 2200 Military	91.20 m	22-25 kn	Up to 100	14 m	4x2,525 kW
OPV 1800 Military	83 m	20-22 kn	Up to 80	13.70 m	4x1,765 kW

The Landing Platform Dock Enforcers have proven to be both effective and adaptable, operating successfully in missions beyond those for which they were specifically designed.



Landing Platform Dock Enforcer (LPD)

	LENGTH	DRAUGHT	SPEED	CREW	PROPULSION POWER
LPD Enforcer 13000	162.83 m	5.8 m	18 kn	150	2 x 8,000 kW
LPD Enforcer 11000	150.53 m	5.8 m	18 kn	120	2 x 8,000 kW
LPD Enforcer 10000	157 m	5.8 m	18 kn	120	2 x 8,000 kW
LPD Enforcer 9000	145 m	5.8 m	16-22 kn	115	2 x 4,200 kW
LPD Enforcer 8000	133 m	5.8 m	16-21 kn	95	12,000 kW
LPD Enforcer 7000	121 m	5.8 m	16-20 kn	90	2 x 4000 kW + 2 x 400 kW

Stan Patrol vessels range from 10 to 70 metres. The vessels provide a solution for every operational profile, whether this is a riverine, littoral, coastal, inshore or offshore environment.



Inshore Patrol / Stan Patrol Vessel (SPa)

	LENGTH	SPEED	BEAM	CREW	HULL CONSTRUCTION
SPa 6211	62.2 m	30 kn	11.5 m	48	Steel
SPa 5509	57.4 m	29 kn	9.5 m	30	Steel
FCS 5009 Patrol	53.2 m	27 kn	10.1 m	8	Steel
SPa 5009	50.1 m	29.5 kn	9.4 m	28	Steel
FCS 4208 Patrol	43.2 m	30 kn	8.4 m	12	Aluminium
SPa 4207	42.8 m	26.5 kn	7.1 m	18	Steel
FCS 4008 Patrol	41.2 m	30 kn	8.7 m	8	Steel
FCS 3307 Patrol	34.2 m	30 kn	7.3 m	6	Aluminium
SPa 3007	30.5 m	30 kn	7.1 m	12	Aluminium
SPa 2205 FRP	22.7 m	30 kn	6.1 m	8	FRP
SPa 1905	19.3 m	30 kn	4.8 m	4	Aluminium
SPa 1605 FRP	15.7 m	31 kn	4.8 m	2	FRP

The common theme running through the MRAV series is the provision of a basic platform offering reliable and cost-effective multi-role potential and surveying capabilities.



Multi-Role Auxiliary Vessels (MRAV)

	DISPLACEMENT (DESIGN)	LENGTH	BEAM	DESIGN DRAUGHT	SPEED
MRAV 3600	3,600 t	85 m	16 m	5 m	14-16 kn
MRAV 1600	1,600 t	62 m	13 m	3 m	12-14 kn
MRAV 660	660 t	43 m	11.50 m	1.90 m	8-10 kn

The Damen Landing Ship range is a state-of-the-art, flexible Class. Designed to fulfil traditional mission requirements, as well as support and secondary mission tasks.



Rigid Hull Inflatable Boat (RHIB)

	LENGTH	BEAM	DRAUGHT AFT, APPROX	HULL CONSTRUCTION	PROPULSION
RHIB 1200	12 m	3.35 m	0.80 m	FRP	sterndrive/ waterjets/ outboards
RHIB 1125	11.25 m	3.35 m	0.80 m	FRP	sterndrive/ waterjets/ outboards
RHIB 1050	10.50 m	3.35 m	0.80 m	FRP	sterndrive/ waterjets/ outboards
RHIB 975	9.75 m	3.35 m	0.80 m	FRP	sterndrive/ waterjets/ outboards
RHIB 850	8.50 m	2.60 m	0.60 m	FRP	sterndrive/ waterjets/ outboards
RHIB 750	7.50 m	2.60 m	0.60 m	FRP	sterndrive/ waterjets/ outboards

Damen Interceptors are a specialised type of craft, designed for ultra-high-speed interception and insertion missions, while also being capable and effective in a medium-speed patrolling role.



Interceptor (IC)

	LENGTH	SPEED	CREW	HULL CONSTRUCTION	PROPULSION
IC 3007	32 m	45 kn	12	Aluminium or FRP	2x propellers or 3x waterjets
IC 1503 FRP	14.5 m	55 kn	2	E-glass and carbon reinforced epoxy	3x stern drive
IC 1503 FRP Outboard	14.5 m	61+ kn	2	E-glass and carbon reinforced epoxy	4x outboard engines
IC 1102 FRP	11 m	55 kn	2	E-glass and carbon reinforced epoxy	2x stern drive

Our Naval Logistic Support Ships contribute significantly to effective expeditionary naval operations by supplying naval vessels at sea. Below there are some examples which were engineered to order.



Naval Logistic Support Ship

	LENGTH	BEAM	DRAUGHT	DISPLACEMENT FULL LOAD	SPEED
Joint Support Ship Karel Doorman	204.7 m	30.40 m	7.80 m	27,000	18
Combat Support Ship Den Helder	179.3 m	8.30 m	8.30 m	22,300	18+

The Training Vessels provide tailor-made platforms to perform a diverse range of training and support duties. Below there are some examples which were engineered to order.



Multi-Role Aviation Training Vessel

	LENGTH	BEAM	SPEED	CREW	PROPULSION
Multi-Role Aviation Training Vessel 2300	93.96 m	14.40 m	17 kn	93	2x2,350 kW, CPP

These cost-effective vessels can conduct a wide variety of hydrographic survey duties for military and commercial purposes. Below there are some examples which were engineered to order.



Hydrographic Survey Vessel

	LENGTH	SPEED	DISPLACEMENT	ACCOMMODATION (PASSENGERS)	BEAM
Hydrographic Survey Vessel RNLN	81.42 m	13 kn	1,900 t	42	13.1 m
Hydrographic Survey Vessel 6613	66.40 m	13 kn	1,550 t	50	13.2 m

The Submarine Rescue Vessel is an oceangoing naval support vessel, capable of continuous day/night operations, rescuing personnel and many other tasks. Find below examples which were engineered to order.



Submarine Rescue Vessel

	LENGTH	SPEED	DECK AREA	ACCOMMODATION (CREW+SPECIAL PERSONNEL)	BEAM
Rescue Gear Ship 9316	93.2 m	16 kn	600 m^2	100	16 m
Escape Gear Ship 8316	83 m	15.9 kn	450 m^2	100	16 m

We have a wide range of vessels on offer for, covering firefighting, pollution control, patrol activities and research duties.



Search and Rescue Vessel (SAR)

	LENGTH	SPEED	SURVIVORS	HULL CONSTRUCTION	PROPULSION
FCS 5009 SAR	53.20 m	27 kn	200-400	Steel	4x FPP
SAR 5009	50.10 m	29.5 kn	50-200	Steel	4x FPP
SAR 4207	42.80 m	26.5 kn	50-100	Steel	2x CPP
SAR 1906	19.50 m	30 kn	42	Aluminium	2x waterjets
SAR 1605 FRP	15.70 m	33 kn	12-30	FRP	2x waterjets

Damen helps customers give the best nautical and navigational training possible with our Sail Training Vessels. Naval cadet training has never been so easily put into practice.



Sail Training Vessels (STV)

	SAIL AREA	LENGTH	CREW+TRAINEE	DISPLACEMENT	RIGGING TYPE
STV 3500	3,500	107 m	240	3,000 t	square, full-rigged
STV 3000	3,000	96.10 m	115	1,820 t	square, full-rigged
STV 2630	2,630	82.30 m	85	1,150 t	square, full-rigged

RESEARCH & SCIENCE VESSELS

Our Research Vessels were designed to aid sustainable fishingand marine stock management, but they have evolved into vessels that perform oceanographic/hydrographic operations.



Research Vessel (RV)

	LENGTH	SPEED MAX	DEADWEIGHT	ACCOMMODATION (PASSENGERS)	BEAM
FRV 7417	74.10 m	15 kn	979 t	51	16.4 m
RV 5413	53.70 m	11.2 kn	67 t	34	12.5 m
RV 4510	45 m	11 kn	144 t	16	10 m
FRV 3609	36.30 m	12 kn	80 t	20	9.4 m
FRV 2808	27.40 m	10 kn	68 t	16	8.2 m

Currently the most advanced polar research vessel in the world, the ASRV has been custom designed and built for the Australian Antarctic Program, and can perform the following missions: the resupply of Antarctic stations and research campaigns, scientific research, icebreaking,transport, disaster relief, evacuation, and patrol duties.



Antarctic Supply Research Vessel (ASRV)

	LENGTH	BEAM MOULDED	DRAUGHT	DISPLACEMENT
ASRV	160 m	25.60 m	9.30 m	25.38 t

Efficient bow shape.
*can be converted as an ice ship



Multipurpose Cargo Vessel

	DEADWEIGHT	LENGTH	BEAM	DRAUGHT	HOLD
CF 12000*	12,000 t	142.95 m	18.90 m	7.90 m	17,300 m^3
CF 8200*	8,200 t	118.14 m	15.90 m	7.21 m	10,795 m^3
CF 6500*	6,500 t	109.32 m	15.20 m	6.25 m	9,500 m^3
CF 5000*	5,080 t	86.60 m	15.20 m	6.55 m	7,000 m^3
CF 4500	4,480 t	101.78 m	12.50 m	5.48 m	6,070 m^3
CF 4200*	4,200 t	87.90 m	13.50 m	6 m	5,700 m^3
CF 3850	3,800 t	89.70 m	12.50 m	5.48 m	5,250 m^3
Combi Coaster 3500	3,500 t	88.70 m	12.95 m	4.70 m	4,900 m^3
Combi Coaster 2750	2,750 t	88.74 m	11.30 m	4.35 m	3,700 m^3

Excellent manoeuvrability in restricted waters.
Efficient loading and discharging system.
High standards of crew comfort.



Tanker (Ta)

	CARGO CAPACITY	LENGTH	BREADTH	DRAUGHT	SPEED MAX
Ta 8400	8,400 m^3	109.90 m	17 m	7 m	12 kn
Ta 8000	7,998 m^3	140.85 m	16.70 m	4.20 m	10 kn
Shallow Draft					
Ta 8000	7,730 m^3	104.52 m	17 m	6.30 m	12.3 kn
Ta 4800	4,885 m^3	83.23 m	17 m	6.40 m	12 kn
Ta 4150	4,150 m^3	86 m	14 m	5.50 m	10.5 kn
Ta 2500	2,500 m^3	84 m	11.30 m	4.45 m	11.5 kn
Ta 800	796 m^3	49.92 m	9.50 m	2.60 m	8.5 kn

Takes all container sizes.
Easy and fast handling of hatch covers.



Container Feeder (CFe)

	CARGO CAPACITY	LENGTH	BEAM	DRAUGHT	SPEED MAX
CFe 900	888 TEU	150.17 m	21.80 m	7.20 m	17 kn
CFe 800	803 TEU	140.64 m	21.80 m	7.33 m	17 kn

Longline fishing is in scientific terms regarded as a LIFE (Low Impact Fuel Efficient) harvesting method and is one of the most sustainable ways to harvest wild fish from the ocean.



Longline Fishers

	HOLD CAPACITY	SHELTERED PROCESSING AREA	CREW ACCOMMODATION	LENGTH OVERALL	BEAM
SFi 2608 Longliner	125 m^3	90 m^2	5	25.70 m	7.50 m
SFi 2007 Longliner	85 m^3	70 m^2	5	22.10 m	7 m

Pot fishing is probably the oldest form of fishing. The low impact of the static gear on the seabed combined with its selectivity contribute to the sustainability of this fishing techniques.



Pot Fishers

	LENGTH	BREADTH	DEPTH	PROPULSION POWER	FISH HOLD CAPACITY
CCA 5712 Processor	57.86 m	12.60 m	7.50 m	1,620 kW	500 m^3
CCA 5712 Live Storage	57.67 m	12.60 m	7.50 m	1,620 kW	640 m^3
SFi 2608 Pot Fisher	25.70 m	7.50 m	3.75 m	350 kW	125 m^3
SFi 2007 Pot Fisher	22.10 m	7 m	3.75 m	350 kW	85 m^3

The Beam Trawler design has been updated to meet today's requirements. The incorporation of new techniques facilitates more selective and environmentally friendly fishing.



Beam Trawler (BTr)

	LENGTH	BREADTH	DEPTH	PROPULSION POWER	FISH HOLD CAPACITY
BTr 3808	37.95 m	8.50 m	4.70 m	1,000 kW	200 m^3

The Damen Shrimp Trawler is a brand-new design, developed as a simple basic standard vessel, to fish (sub)tropical shrimps, safe and sturdy and easy in maintenance and serviceability, with focus on low fuel consumption.



Shrimp Trawler (STr)

	LENGTH	BREADTH	DEPTH	PULL	FISH HOLD CAPACITY
Shrimp Trawler 2607	26.45 m	7 m	3.45 m	8t @2,5 kn	90 m^3 @-20

The Damen Wet Fish Trawlers are ideal for fishing with common fishing methods. Twinrigging and Scottish seine or chose for passive and even culitvating shellfish. Our Wet Fish Trawlers have been developed with a keen focus on the marine environment.



Wet Fish Trawlers

	LENGTH	BEAM	DRAUGHT	GROSS TONNAGE	PROPULSION POWER
Twin Rigger/Fly Shooter 3209	32 m	9.60 m	4.50 m	489 gt	1,000 bkW
Seafisher 2608 Multipurpose Trawler	25.70 m	7.50 m	3.75 m	174 gt	442 kW
Seafisher 2007 Multipurpose Trawler	20.10 m	7 m	3.75 m	123 gt	442 kW

Concordia Damen's optimised inland dry cargo vessels are fast moving and feature low air draft with high tonnage at low draft.



Inland Shipping – Dry Cargo

	LENGTH	BEAM	DRAUGHT	TEU	TONNAGE MAX DRAUGHT
CDS KVB*	172 m	11.45 m	3.50 m	396 teu	5675 t
CDS 532*	135 m	17.20 m	3.75 m	532 teu	6780 t
CDS 443*	135 m	14.20 m	4.00 m	443 teu	5660 t
CDS 222*	110 m	11.45 m	3.75 m	222 teu	3207 t
CDS Dry Cargo 110*	110 m	11.45 m	3.50 m	206 teu	3180 t

* available with hybrid, diesel, battery electric technology

The innovative and sustainable design of the river cruise vessels combines a small footprint with a maximum of passengers.



River Cruise

	LENGTH	BEAM	DRAUGHT	PASSENGERS
Inland Waterway Cruise Vessel*	135 m	11.45 m	1.35 m	178

* available with hybrid, diesel, battery electric technology

Concordia Damen's low draft pushers are compact, but powerful and feature optimal manoeuvrability.



Pusher

	LENGTH	BREADTH MLD.	DRAUGHT	POWER MAIN ENGINES
CDS 2010	20 m	9.95 m	1.95 m	2x 980 kW

InvaSave is a mobile ballast water management system. Ideal for older vessels and vessels with minimal annual water discharges that do not have an onboard system.



Mobile Ballast Water Treatment System

	LENGTH	WIDTH	FLOW CAPACITY	DESIGN PRESSURE	POWER CONSUMPTION
InvaSave	12.2 m	2.44 m	300 m^3	10 bar	60-110 kW

The Damen Marine NOx Reduction System is an advanced active emissions control system, using selective catalytic reduction (SCR) technology suited for diesel marine engines.



NOx Reduction System

	SUSTAINABLE
NOx Reduction System	NOx reduction of 80% Suitable for all kinds of marine diesel engines

Our wide range of ballast water treatment systems comply with IMO Regulations and are suited to all situations on ships of all sizes.



Ballast Water Treatment System (BWT)

	TREATMENT CAPACITY	POWER CAPACITY	WIDTH	LENGTH	UV LAMPS
BalCon	30-2000 m^3/h	8-150 kW	1-3 m	1-10 m	1-20
Onboard UV and Filter	30-2000 m^3/h	8-150 kW	1-4 m	1-10 m	1-20
Filterless ClO2 disinfection	500-16000 m^3/h	4-6 kW	11.3 m	18.4 m	
					HEIGHT
Chemical Injection	0-5000 m^3/h	2.5 kW	0.6 m	0.6 m	1.65 m

B-Shore ensures a safe and reliable shore power connection anywhere in the world.



B-Shore

	INPUT VOLTAGE RANGE	PRE-SELECTED OUTPUT VOLTAGE	FREQUENCY CONVERSION	RATED OUTPUT POWER	PROTECTION DEGREE
B-Shore S model					
B-Shore S 63	3x 400V-440V-480V 50/60Hz	3x 400V-440V-480V	Yes (50-60Hz v.v.)	44kVA (@3x400V)	IP54*
B-Shore S 125	3x 400V-440V-480V 50/60Hz	3x 400V-440V-480V	Yes (50-60Hz v.v.)	87kVA (@3x400V)	IP54*

	NOMINAL INPUT VOLTAGE	INPUT TAPPINGS	NOMINAL OUTPUT VOLTAGE	RATED OUTPUT POWER	OUTPUT TAPPINGS
B-Shore model					
B-Shore 63	3x 400V-50/60Hz	3x 380V-440V-480V	3x 400V-50/60Hz	44kVA (@3x400V)	3x 380V-440V-480V
B-Shore 125	3x 400V-50/60Hz	3x 380V-440V-480V	3x 400V-50/60Hz	87kVA (@3x400V)	3x 380V-440V-480V

The Damen Air Cavity System (DACS), a unique air lubrication system for vessels. Maintaining a thin layer of air over the flat bottom of a vessel's hull, DACS achieves a significant reduction in water resistance, leading to increased efficiency and a reduction of fuel consumption and, therefore, emissions. This air lubrication system for vessels can achieve a fuel reduction of up to 15%.



Damen Air Cavity System (DACS)

Global Presence



R Damen Shiprepair & Conversion

Y Damen Newbuild Yard

D Damen Company

S Damen Service Hubs


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Damen Service Hubs

Our Service Hub network supports your fleet and crew with local service, worldwide.

Keeping your assets up and running requires maintenance, repair, new parts, fresh equipment and crew training.

Whether your service needs are planned or unexpected, Damen Service Hubs can assist you. They are located around the world to deliver fast, friendly, local service at competitive rates.

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When you need us, where you need us

Each Service Hub offers you a full range of service capabilities in addition to providing local communications and support.

Select your closest Service Hub to schedule service, make enquiries, or learn more about localised OEM partnerships.

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