



DAMEN MODULAR BARGE

Product range

GENERAL

The Damen Modular Barge (DMB) is a container-sized steel floating unit that forms a versatile building block for all sorts of modular pontoons and vessels.

Multiple Damen Modular Barges are coupled together by the unique Class approved Damen Link to form a professional marine vessel with standard Damen quality. Because of this modular system, the Damen Modular Barges can be transported by ship, truck or train to their final place of destination and assembled locally to the desired configuration.

They operate in coastal waters, inland waterways and lakes anywhere in the world – including landlocked waterways.

DIMENSIONS

The Damen Modular Barges are available in the following dimensions:

Length o.a.	20 / 40 ft	6.1 / 12.2 m
Beam o.a.	8 ft	2.438 m
Depth at side (@ half length)	4 / 6 / 8 / 9 ft	1.2 / 1.8 / 2.4 / 2.9 m
Draught (empty)	0.3 - 0.4 m	
Cargo deck area	14.5 - 29.5 m ²	
Maximum deck load	1.5 / 6.8 / 15.0 t/m ²	(standard 6.8 t/m ²)

CLASSIFICATION

The Damen Modular Barge can be provided with a Class and/or CSC Certificate.

MANHOLES

The Damen Modular Barge is accessible via two manholes. Watertight plate covers, secured by bolts, close the manholes.

Access opening diameter	470 mm
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LADDERS

Below each manhole a ladder is installed (if necessary).

All ladders are made of steel and have square bars.

PAINT

The hull plates of the Damen Modular Barges are cleaned and cleared of mill scale by blast cleaning grade SA 2½ and coated with a primer prior to fabrication.

The Damen Modular Barge is provided with a high quality marine epoxy paint.

The main deck can be provided with anti-skid paint.

CATHODIC PROTECTION

The underwater parts of the Damen Modular Barge have a bolted cathodic anode protection, sufficient for 5 years, placed at significant positions.

DAMEN LINK

The Damen Link is a unique, adjustable, Class approved coupling system, designed to join Damen Modular Barge units. Each link consists of two hooks, a connection rod, a washer, a nut and a securing plate.

The Damen Link is a simple mounting system from the outside; no divers, nobody inside the modules and no heavy weights.

OPTIONALS

The Damen Modular Barge can be outfitted with raked bow nose/extension with bow roll, ramp connection or a range of equipment for diverse marine operations. This includes heavy duty A-frames, knuckle boom cranes, self-liftable spud systems or with the specific equipment your operation requires.

Damen can also deliver all kinds of heavy equipment including crawler cranes, excavators, crane mats, power packs, DOP pumps, hydraulic hammers and heavy winches.

You name it, we fit it!

MORE INFORMATION

For more information about the Damen Modular Barge system or to configure your own modular pontoon or vessel, visit our website:

www.damenmodularbarges.com

DAMEN

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Product range



Length 20ft / 6.1m 8ft / 2.4m 40ft / 12.2m 8ft / 2.4m



Height

Width
8ft / 2.4m



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