

### (OFF)SHORE TO (OFF)SHORE TRANSPORTATION

Damen Offshore Carrier can be equipped with DP-2/DP-3 to ensure safe loading/unloading offshore at crane-vessels, jack-up barges etc.

DOC can be equipped with bunkering facilities to replenish offshore vessels and installations.



#### DOC OUTFITTED WITH SPECIAL INSTALLATIONS

The DOC offers a platform that can be used for installation modules like cable laying, pipe laying, support works, etc. Modules can be placed during building stage or during operation.



#### SHORE TO SHORE TRANSPORTATION

The DOC is primarily designed for shore to shore transportation with excellent Ro-Ro features and a very efficient ballast system. With an endurance of 65 days, an economic fuel consumption and possibility to run on HFO380, it is a very cost efficient vessel.



# DAMEN OFFSHORE CARRIER

## DOC 7500



## SHIPPING VESSELS

# DAMEN

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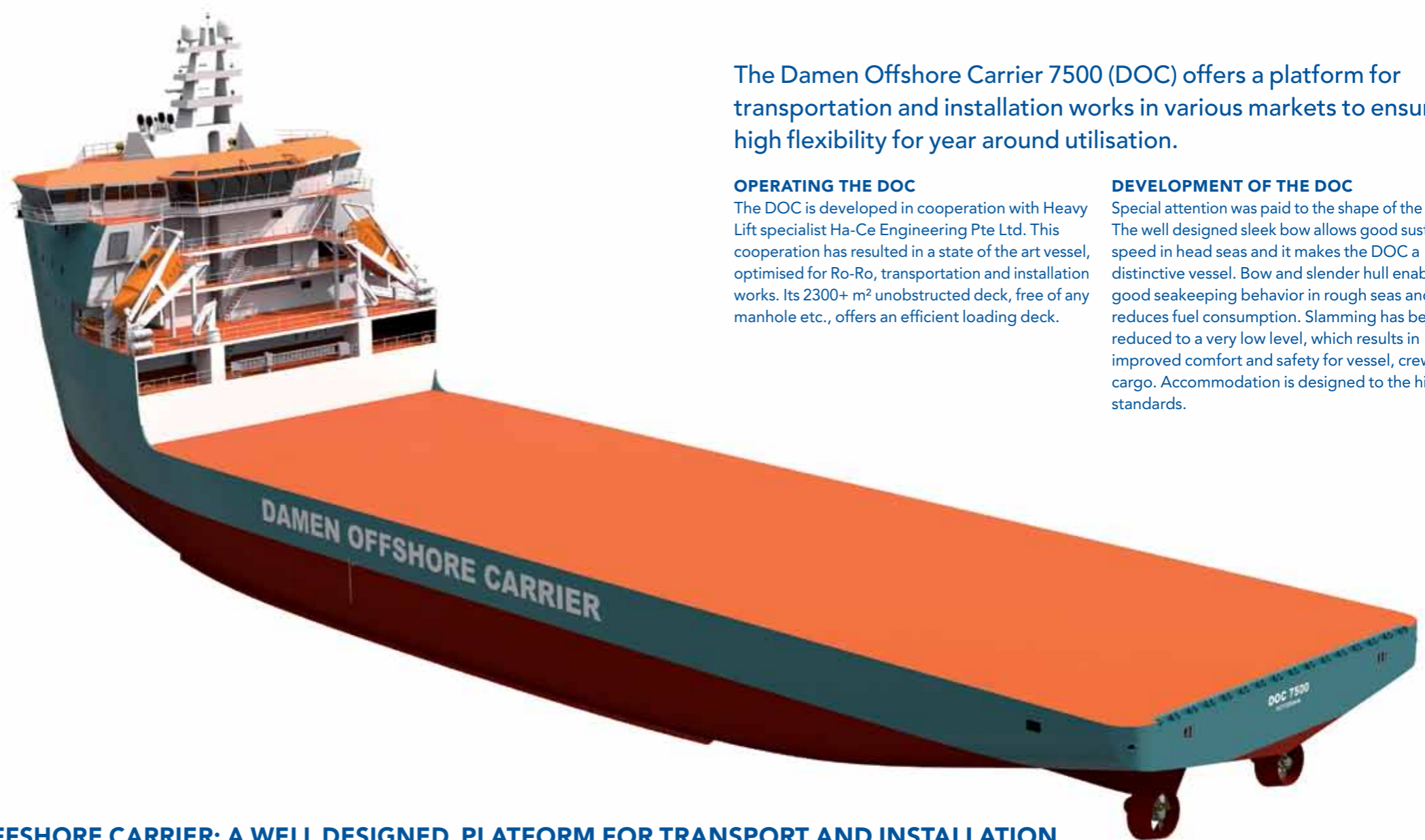
# DAMEN





**DOC FOR THE OFFSHORE WIND INDUSTRY**

The DOC offers an excellent platform for transportation and installation works in the Offshore Wind and Tidal market. The solutions on deck for installation of wind turbine foundations are developed by Dutch Offshore Innovators BV and the feeding solution for nacelles is made possible by Barge Master BV.



The Damen Offshore Carrier 7500 (DOC) offers a platform for transportation and installation works in various markets to ensure high flexibility for year around utilisation.

**OPERATING THE DOC**

The DOC is developed in cooperation with Heavy Lift specialist Ha-Ce Engineering Pte Ltd. This cooperation has resulted in a state of the art vessel, optimised for Ro-Ro, transportation and installation works. Its 2300+ m<sup>2</sup> unobstructed deck, free of any manhole etc., offers an efficient loading deck.

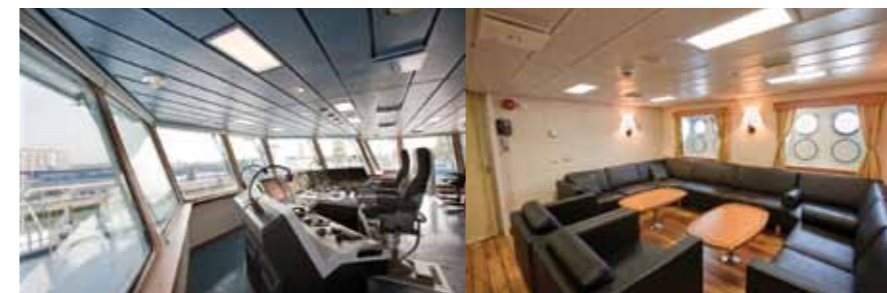
**DEVELOPMENT OF THE DOC**

Special attention was paid to the shape of the DOC. The well designed sleek bow allows good sustained speed in head seas and it makes the DOC a distinctive vessel. Bow and slender hull enable good seakeeping behavior in rough seas and reduces fuel consumption. Slamming has been reduced to a very low level, which results in improved comfort and safety for vessel, crew and cargo. Accommodation is designed to the highest standards.

**DAMEN OFFSHORE CARRIER: A WELL DESIGNED PLATFORM FOR TRANSPORT AND INSTALLATION**

**DOWNLOAD THE APP!**

The Damen Offshore Carrier Virtual is an application which runs on Apple IOS and Android devices. The main goal is to visualise a 3D virtual model of the DOC on top of a marker. This is known as augmented reality. The application can be found on the regular Apple and Android stores under the application name: Damen Offshore Carrier Virtual. After downloading the app, just start it up and point at our marker, which can be found on the Damen website over at: [www.damen.com/downloads](http://www.damen.com/downloads)

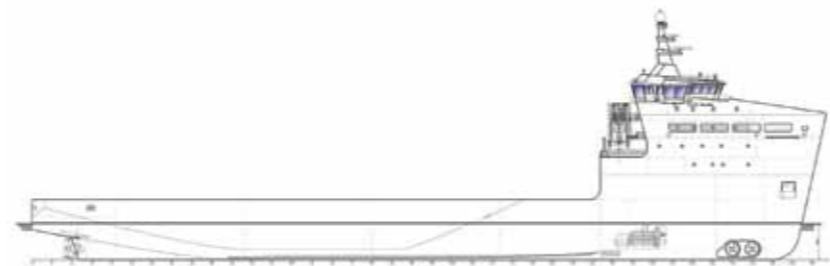


**ACCOMMODATION**

Accommodation at the DOC is designed to the highest standards and each cabin has access to the Internet, radio and TV.

**DREDGING**

The DOC offers a platform for the Damen Deep Dredge.



**DAMEN OFFSHORE CARRIER 7500**

Length overall	119 m
Length between perpendiculars	111 m
Length cargo deck	85 m
Breadth moulded	27.45 m
Depth to main deck	9.00 m
Draught design (approx.)	5.40 m
Draught scantling (approx.)	5.40 m
Deadweight at design draught (approx.)	7,400 t
Gross tonnage (approx.)	8,240 GT
Trial speed at design draught (approx.)	12.00 kn

<b>Roll on / roll off capacities</b>			
Axle load	50 T	1,400 mm	300x300 mm
SPMT	on 4 tyres	spacing	tyre print
UDL	20T / m <sup>2</sup>		
Bhds	300T at bhd intersection	200T at web intersection	

**SUBMERSIBILITY**

The DOC has the ability to submerge as an additional loading feature. Vessel can be equipped with buoyancy casings to further optimise loading.



**SUBMERSIBILITY OF THE DAMEN OFFSHORE CARRIER**

