



DAMEN OFFSHORE CARRIER 8500

GENERAL

Yard number	553015
Delivery date	February 2016
Basic functions	Damen Offshore Carrier with 7000 t cable laying installation
Classification	* 100 A1, Offshore Supply Ship, Helicopter Landing Area * LMC, UMS, D.P. (A.A.), I.W.S., W.D.L. (U.D.L = 20 t/m ²) ECO (A, G.W., I.H.M., O.W., P) Descriptive note: - loading / unloading aground - Cable Layer
Flag	Danish Flag
Owner	Maersk Supply Service

DIMENSIONS

Length o.a.	138.05 m
Length b.p.p.	119.75 m
Beam mld.	27.45 m
Depth main deck at side	9.60 m
Draught summer	6.25 m
Deadweight	9,468 t
Gross tonnage	10.678 GT
Cargo hold	10.8 x 12.0 x 3.6 m

TANK CAPACITIES

Ballast water	7,375 m ³
Heavy fuel oil	1,433 m ³
Marine gas oil	1,770 m ³
Potable water	804 m ³
Sewage	294 m ³
Lub. oil clean	43 m ³
Sludge	21 m ³

PERFORMANCES

Trial speed (at summer draught)	11.7 kn
Bollard pull	70 t

PULSION SYSTEM

Main generators	2x MAK 8M25 (each 2,570 kW)
	2x MAK 6M25 (each 1,916 kW)
Thrusters	2x 2,100 kW azimuth, Ø 2,650 mm with 4 bladed FPP
Bow thruster	3x 1,250 kW tunnel thruster Ø 2,550 mm with 4 bladed FPP
Stern thruster	1x 800 kW, Ø 1,950 mm with 4 bladed FPP

NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment	According to GMDSS for area A3
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AUXILIARY EQUIPMENT

Diesel generator set	1,950 kVA - 1,560 kW @ 60 Hz
Emerg. generator set	297 kVA - 237 kW @ 60 Hz
Thermal water boiler	1x in combination with economizers
Sewage treatment plant	1x
Fresh water generators	2x

DECK LAY-OUT AND EQUIPMENT

Deck crane	1x knuckle boom 100 t, double fall, AHC
Auxiliary crane	1x stiff boom crane 10 t @ 25 m
Cable carousel	1x Twin basket design, capacity 7000t
Helideck	1x According CAP 437, suitable for S-92 helicopter or equivalent
A-frame	1x 60 t
Towing sheave	1x 250 t
Harbour mooring winches	4x Electric-hydraulic driven (2 fore-2aft)
Life boats	2x each 90 persons
Fast rescue craft	1x

6 POINT MOORING SYSTEM

Winches aft	4x 600 kN pull
Winches fwd	2x 600 kN pull
Dolphin anchors	6x 7t
Pull ahead winch	1x 1,000 kN pull

ACCOMMODATION

For captain, officers and crew	Total 90 persons
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DAMEN

DAMEN SHIPYARDS GORINCHEM

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