



DAMEN SCHELDE NAVAL SHIPBUILDING

JOINT SUPPORT SHIP "KAREL DOORMAN"

GENERAL

Yard reference	412
Customer	Royal Netherlands Navy
Basic functions	RAS/FAS, Sea Basing, Strategic Transport, Disaster Relief, Training.
Classification	Germanischer Lloyd, SOLAS and MARPOL compliant.

NAVAL FEATURES

Shock resistant, Blast bulkheads, NBCD citadel, Degaussing system, RCS-, Underwater Noise- and Magnetic Signature Reduction

DIMENSIONS

LOA	204.7 m
Beam mld	30.4 m
Draft design	7.8 m
Depth to n°1 deck	18.6 m
Displacement full load	approx 27000 tonnes

PERFORMANCE

Service speed	18 knots
Range at 15 knots	10000 nm

PROPULSION SYSTEM

Diesel-electric propulsion system	
Generator power	24.900 kW
Propulsion power	17.800 kW
Propellers	2 x FPP
Bow-thruster	2 x FPP
Stern-thruster	1 x FPP

TRANSPORT CAPACITY

RoRo space	approx 2350 m ²
Lanemeters	approx 2000 m
Ammunition. Store	730 m ²
Store	1000 m ²
F76	7700 m ³
F44	1000 m ³
FW	400 m ³

Flight deck with 2 spots for a Chinook helicopter
 Night Vision Compatible helicopter landing aids
 Ground Power Units (Helicopter Start & Service Power)
 Hangar space for 2 x Chinook size helicopters in the fully spread condition, space for 6 x Chinook size with blades folded.

ACCOMODATION

Air-conditioned spaces for 300 crew and special personnel consisting of cabins, stores, galley, mess rooms and sanitary spaces.
 A fully equipped role 3 hospital.

WEAPONS & SENSOR SUITE

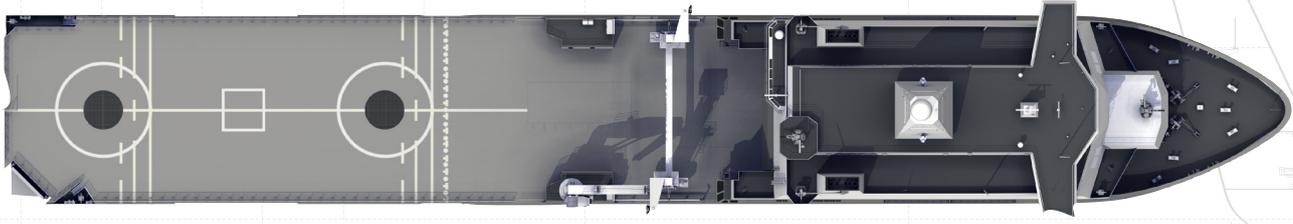
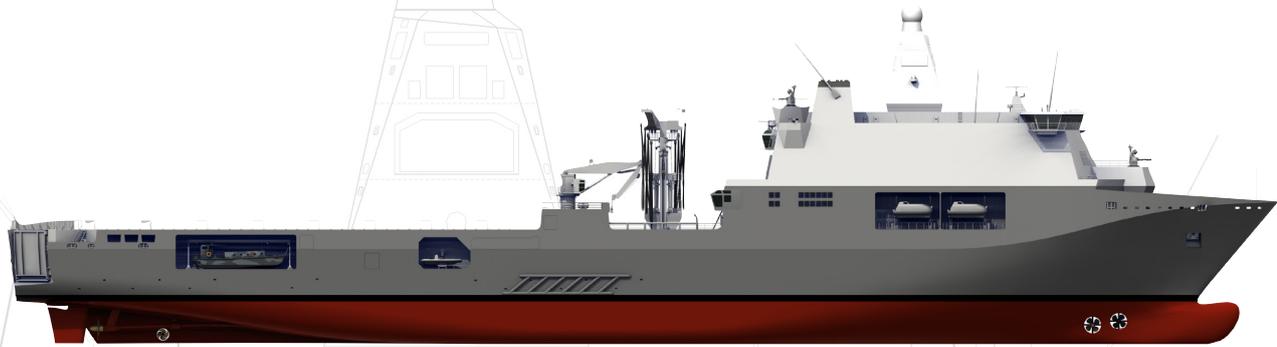
Radar systems	extensive radar suite for both surface-to-surface and surface-to-air surveillance, IFF, IO-detection System
Communication	LF/MF/HF/VHF/UHF Transceivers, Satcom system, GMDSS, MHS., Internal communication system, LAN (secure and civil)
Weapons	2 x Goalkeeper CIWS 4 x SRBOC launchers 2 x 30 mm remote controlled force protection gun 4 x .50 remote controlled medium caliber gun

NAUTICAL EQUIPMENT

GPS, Integrated Bridge System, echo sounder, power- and ship's management system with integrated ECDIS, Nav-radars I&F (2 x), (W)AIS

EQUIPMENT

2 x Dual purpose RAS equipment according to Stanag
 Stern quarter ramp 100 ton
 3 x 50 m³/day RO-units
 2 x Fast Rib
 2 x LCVP
 1 x Deck Crane 40 t
 2 x Store elevator
 1 x Ammunition elevator
 1 x Platform elevator



ZONE 2

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Member of the DAMEN SHIPYARDS GROUP



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