



DAMEN SCHELDE NAVAL SHIPBUILDING

CROSSOVER XO 131 L (Logistic)

GENERAL

The Damen CROSSOVER is the ultimate mission modular naval concept. As multiple modes of access and handling are provided, future systems, unknown at the present, will be able to be fitted and operated.

OPERATIONAL PROFILE

Permanently fitted mission systems, complemented by capability packages, provides the CROSSOVER with a wide operational profile:

- Mine Counter Measure (MCM)
- Search and Rescue (SAR)
- Hydrographic Survey
- Humanitarian Aid
- Counter Human Trafficking
- Anti-Submarine Warfare (ASW)
- Oil Pollution
- Counter Terrorism
- Harbor Protection
- Counter Drug
- Anti-Piracy

Classification / Requirements Base: Commercial

DIMENSIONS

Length o.a. 131.0 m
 Beam 19.6 m
 Draught (max) 5.0 m
 Displacement full load 5500 tonnes

PERFORMANCE

Maximum Sustained speed 18-22 knots
 Range at 14 knots 7500 nm
 Endurance 30+ days at sea crew only
 15+ days at sea with full complement

PROPULSION SYSTEM

Propulsion system: Diesel - Hybrid
 Propulsion: 2 x Diesel Engines + 2 x Electrical PTI
 Propellers: 2 x Controllable Pitch Propellers

COMPLEMENT

Crew min./max.: 56/83
 Additional personnel 200

TRANSPORT CAPACITIES

Flight deck: 1 Helicopter spot, heavy weight helicopter
 176 m²
 Hangar: 2 x Medium Helicopters or an Unmanned Aerial Vehicle (UAV 3 x TEU)
 X-Deck: 530 m²
 Multi Functional Missions Space: 285 m²
 Mission Cargo Hold: 160 m²
 Ship stores: 100 m²
 Mission Ammunition Store: 100 m²
 Ship Ammunition Store: 80 m²

EQUIPMENT

- NBCD Citadel (2-Zones)
- Ammunition Elevator
- 1 x RHIB (6 meter)
- 2 x LCVP (Optional)
- 3 x Fast Interception Craft (Optional)
- X-Deck overhead crane / DAVIT System SWL 2 x 20 tonnes
- Detachable Ramp (Stern/Side)
- Provision Crane SWL 1.5 tonnes
- Convertible Slipway + Recovery System / Landing Craft Beach

WEAPONS & SENSORS SUITE

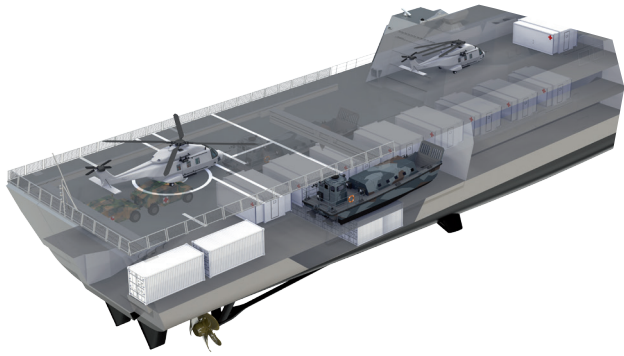
Communication: Combat management system, Command and Information Centre, Integrated internal & external communication system

Sensors: 2D Civil, IFF System, X/S Band Radar, Helicopter Approach Radar, 1 x SATCOM and 1 x ESM-comms

Weapons: 1 x 30mm Marlin and 2 x 12.7mm RC Force Protection

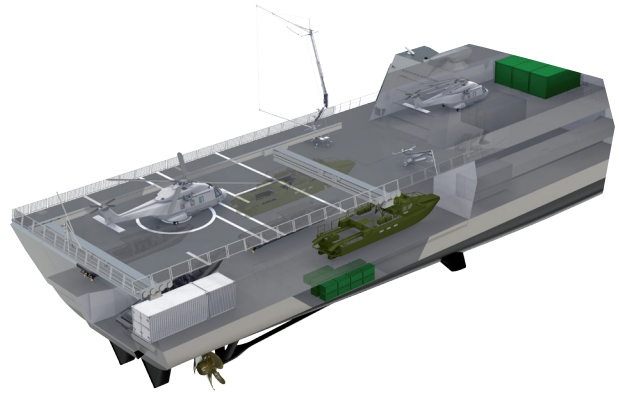
**ROLE SWITCHING:
DEDICATED CAPABILITY PACKAGES**

CROSSOVER
XO SERIES



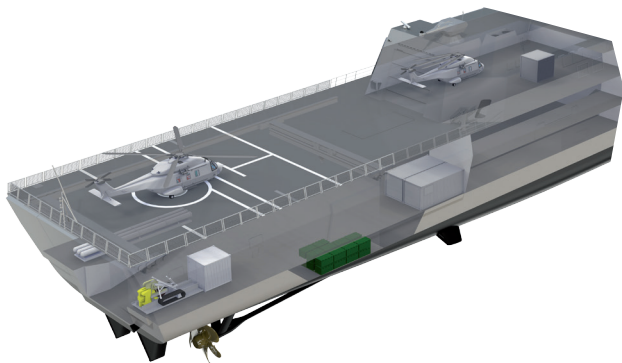
HUMANITARIAN AID & DISASTER RELIEF (HADR)

- Onboard deployable hospital
- Helicopters
- Ambulances
- Landing Craft



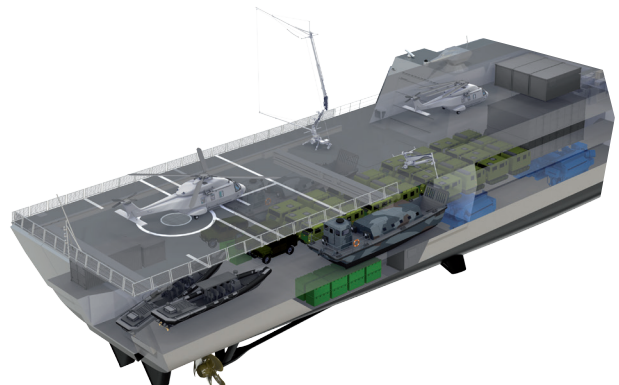
ANTI PIRACY

- Fast interception craft
- Fixed wing UAV
- Detention & medical elements
- Intelligence & coordination



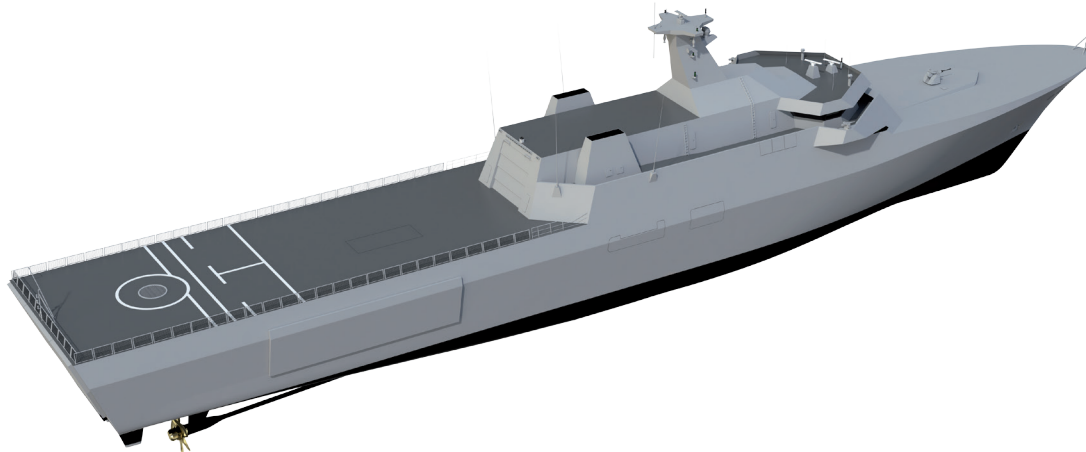
ANTI SUBMARINE WARFARE (ASW)

- Modular Towed Array System
- ASW helicopters
- Heavyweight torpedo system



AMPHIBIOUS RAID

- Tactical vehicles
- Force protection craft
- Fixed wing UAV
- Landing Craft



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DAMEN

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Member of the DAMEN SHIPYARDS GROUP



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