



# DAMEN MULTI ROLE AUXILIARY VESSEL 3600

## MRAV 3600

### GENERAL

Basic functions:	- Multi-functionality through mission-specific exchangeable equipment modules - Worldwide, littoral and Ocean
Classification	Lloyd's Register *100 A1, *LMC, UMS, DP(AA)

### DIMENSIONS

Length o.a.	84.50 m
Length b.p.p.	79.58 m
Beam mld.	16.00 m
Depth mld.	7.10 m
Draught summer (base)	5.00 m
Cargo deck area outside	260 m <sup>2</sup>
Cargo deck garage	253 m <sup>2</sup>
Fight deck area	418 m <sup>2</sup>
Deck load (at 1 m above deck)	1000 t

### TANK CAPACITIES

Ballast water	850 m <sup>3</sup>
Fuel oil (service)	500 m <sup>3</sup>
Potable water (service)	200 m <sup>3</sup>
Sewage	150 m <sup>3</sup>

### PERFORMANCES (APPROX.)

Speed (at summer draught)	16 kn
Bollard pull	50 t

### PROPULSION SYSTEM

Main engines	Diesel-Electric, 440 V - 60 Hz
Propulsion power	2x 2750 ekW E-motor
Propellers	2x 3200 mm azimuth type FPP propellers in nozzle
Bow thruster	2x 550 ekW, 1580 mm FPP
Rudders	2x Azimuth type rudder propeller

### AUXILIARY EQUIPMENT

Networks	440 V, 60 Hz 3 ph 220 V, 60 Hz 1 ph
Main generator sets	4x 1360 ekW @ 1800 rpm
Aux. generator sets	2x 175 ekW @ 1800 rpm
Emergency generator set	1x 99 ekW @ 1800 rpm

### DECK LAY-OUT

Anchor mooring winch	1x Electric-hydraulic anchor/mooring winch with 2x warping heads
Capstans	2x Electric, each 3 t pull
Deck crane	1x knuckle boom, 20 t SWL @ 11 m
Store crane	1x knuckle boom, 1 t SWL @ 10 m
A-frame	5 t SWL
Towing	Smit bracket
Fast rescue craft	2x Damen inboard/outboard RHIB 750

### ACCOMMODATION

Crew	14 persons
Special personnel	45 persons

### NAUTICAL AND COMMUNICATION EQUIPMENT

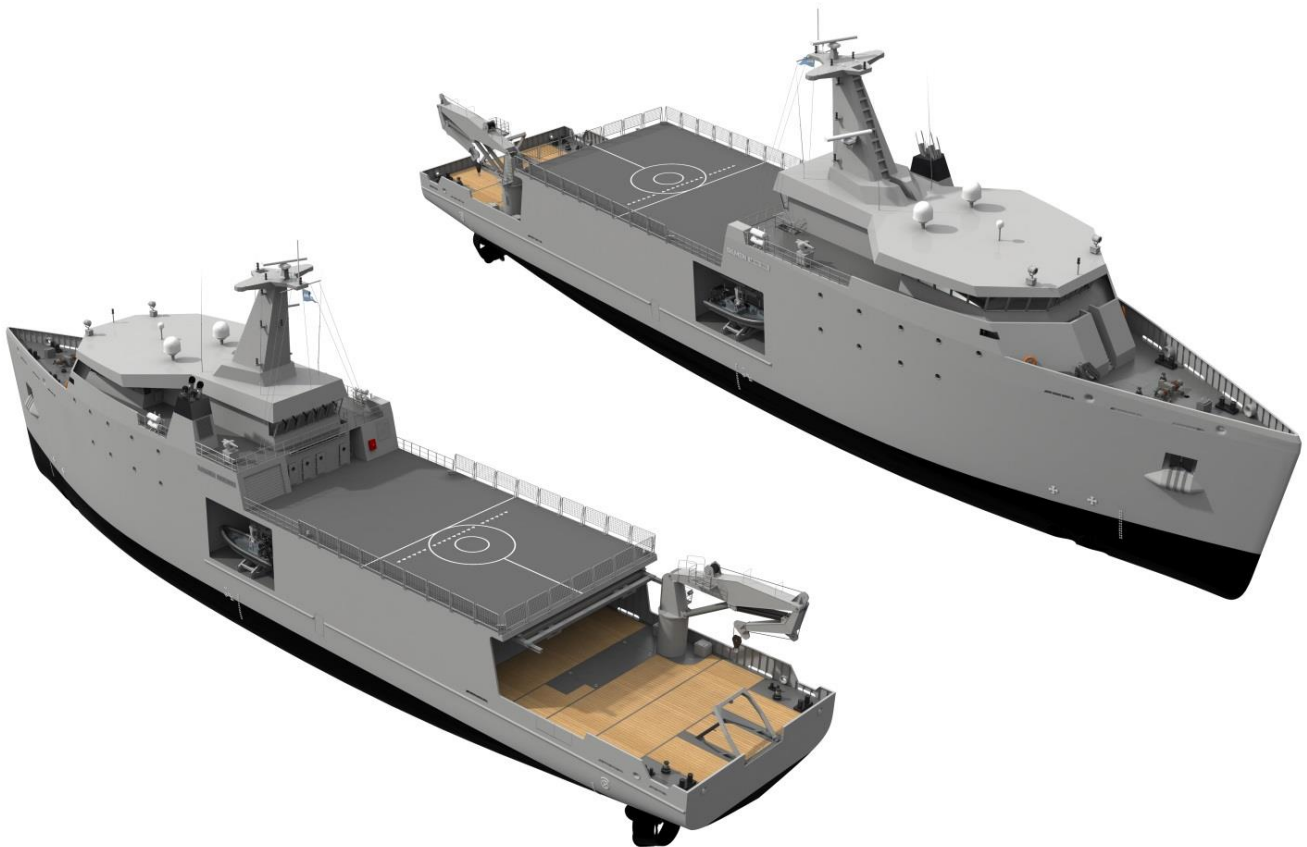
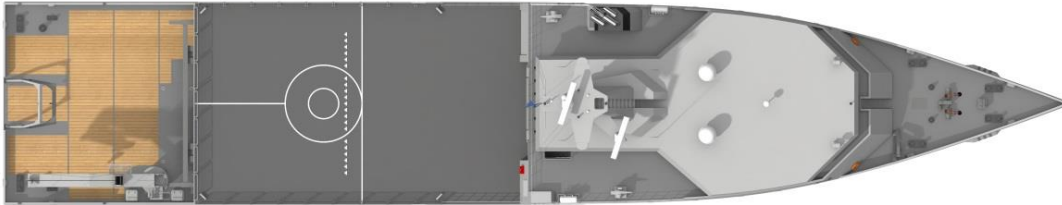
Radar systems	2x X-band
GMDSS	Area A3

### HYDROLOGICAL AND OCEANOGRAPHIC EQUIPMENT

Multibeam sonar	10 m - 7000 m
Under water acoustic positioning	2x
Motion reference	2x

### MISSION AND CARGO CONTAINERS

Container capacity	12x 20 ft. standard container
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## DAMEN

DAMEN SHIPYARDS GORINCHEM

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