

# PATROL 24 WP HYBRID

24 METER FAST PATROL BOAT  
WITH HYBRID - ELECTRIC PROPULSION



More information: [sales@bwb.ee](mailto:sales@bwb.ee)

[www.bwb.ee](http://www.bwb.ee)

## GENERAL

Hull material	Aluminium
Superstructure	Aluminium
Main functions	Patrol, SAR
Classification	Lloyds Register +100 A1 SSC Patrol, Mono, HSC, G3, MCH, Hybrid power, UMS.

## MAIN DIMENSIONS

Length overall (m)	24,0
Beam overall (m)	6,5
Draught max (m)	2,2
Crew	3-5

## TANK CAPACITIES

Fuel (L)	9 500
Fresh water (L)	1500
Waste water (black) (L)	1800
Bilge water/Dirty oil (L)	210

## PERFORMANCES

Speed (kn)	25
Range @ 14 kn speed (nm)	600
Speed in electric mode (kn)	10
Range @ 7 kn speed in electric mode (minutes)	200
Fuel consumption l/h @ 25 kn	555
Noise level in wheelhouse @ 25 kn (dB)	<65

## PROPULSION SYSTEM

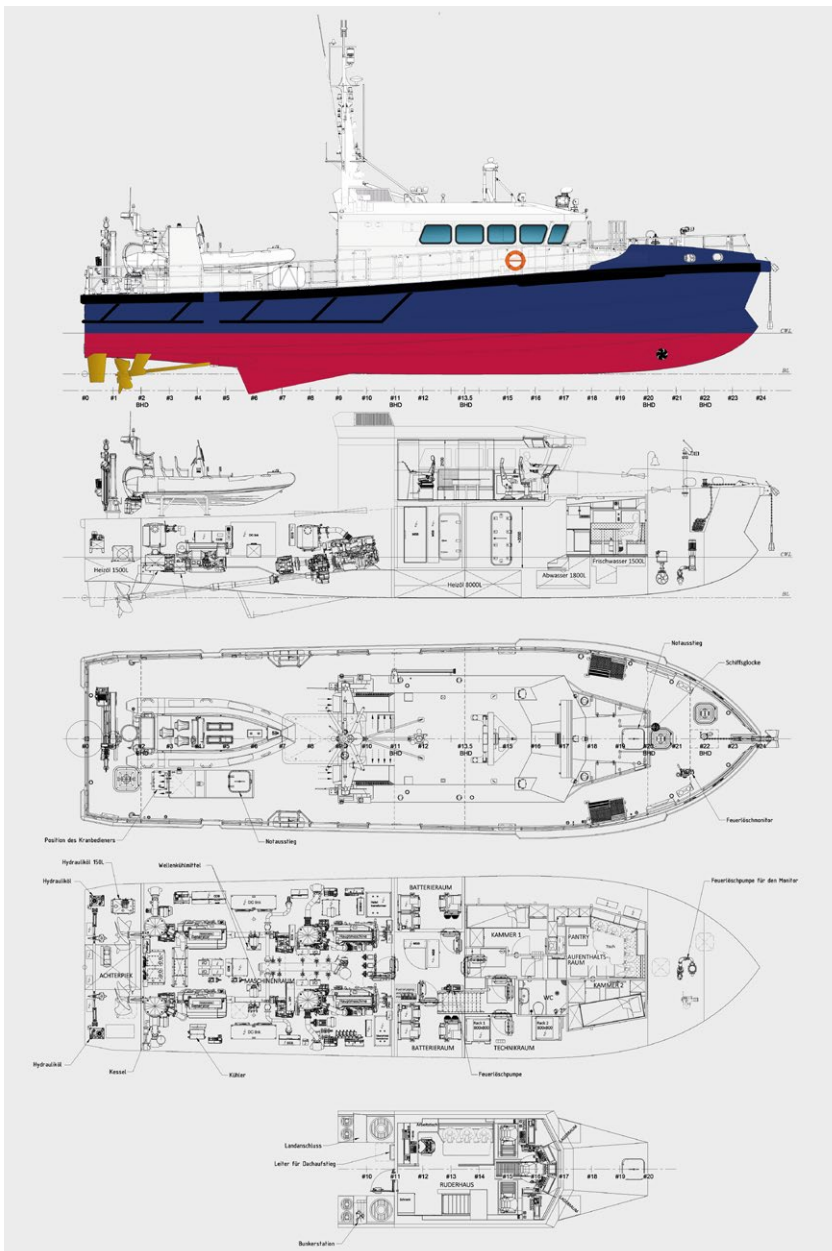
Propulsion	Diesel - electric hybrid with PTI gearboxes and batteries
Main engines (diesel)	2 x Volvo Penta D16, 625 kW
Generators	2 x Volvo Penta D13, 500 kW + Danfoss 499kW E - Motor
Battery make and capacity	Est-Floattech 400kwh
Total propulsion power	2250 kW
Gearboxes	ZF 3311, PTI/PTO Danfoss 499 kW E - Motor
Propulsion unit	FPP
Bow thruster	Sleipner SAC700 + Danfoss E - Motor

## DECK LAYOUT

Anchor equipment	90 kg HHP PTW, 12,5mm chain 110m
Anchor winch	Italwinch
Capstans	Italwinch
Deck cranes	Palfinger PK11001M 1440kg @ 5,9m
Daughter boats	Viking Metis 600

## ACCOMMODATION

Cabins	1 single cabin, 1 double cabin, toilet/ shower, pantry, mess.
Air conditioning	Webasto



USER: Hamburg Police

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