

PATROL 29 WP HYBRID

29 METER FAST PATROL BOAT
WITH HYBRID-ELECTRIC PROPULSION



More information: sales@bwb.ee

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)	29,0
Beam overall (m)	6,7
Draught max (m)	2,2
Crew	5
Additional personnel	12

TANK CAPACITIES

Fuel (L)	11 300
Fresh water (L)	1 900
Waste water (black) (L)	2 300
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

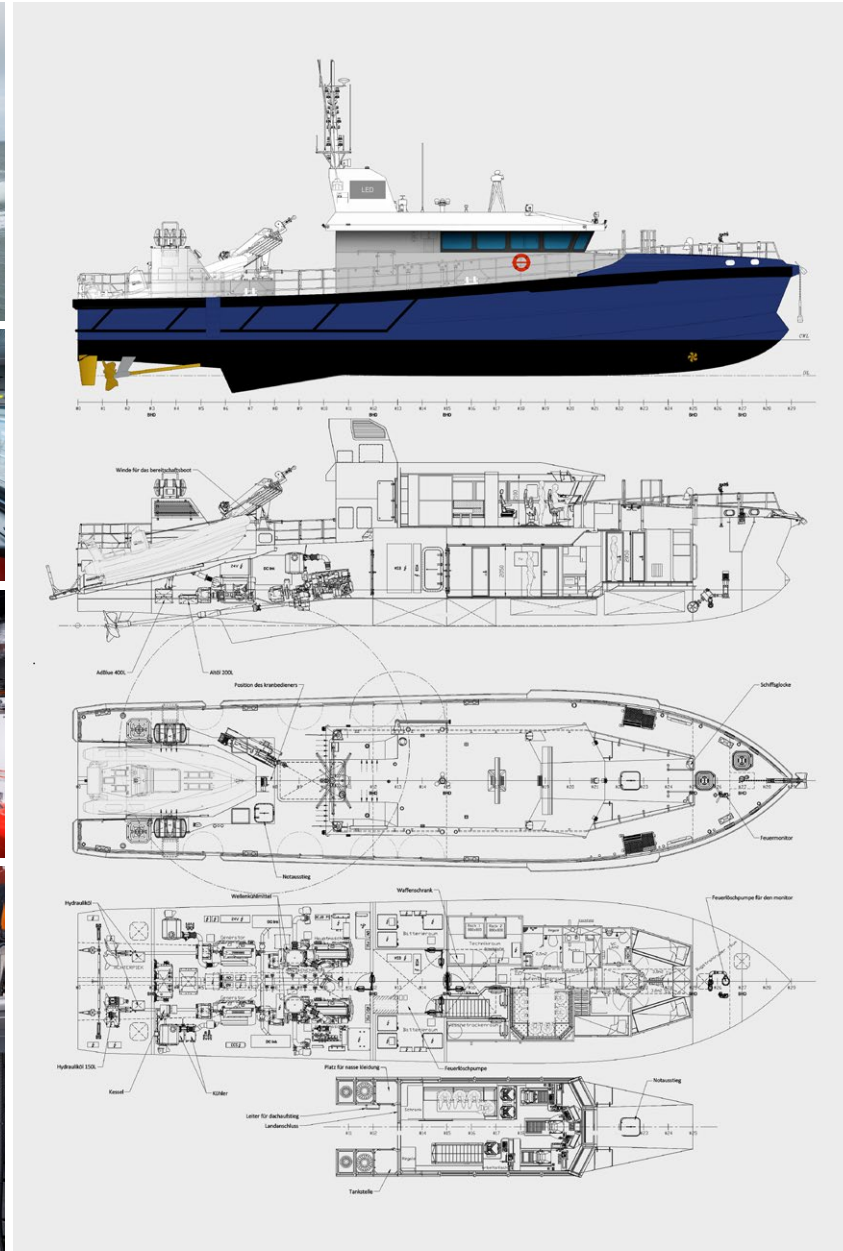
Propulsion	Diesel - electric hybrid with PTI gearboxes and batteries
Main engines (diesel)	2 x Volvo Penta D16, 625 kW
Generators	2 x Volvo Penta D13, 500 kW + Danfoss 499kW E - Motor
Battery make and capacity	Est-Floattech 440 kWh
Total propulsion power	2250 kW
Gearboxes	ZF 3311, PTI/PTO Danfoss 499 kW E - Motor
Propulsion unit	FPP
Bow thruster	Sleipner SAC700 + Danfoss E - Motor

DECK LAYOUT

Anchor equipment	90 kg HHP PTW, 12,5mm chain 110 m
Anchor winch	Italwinch
Capstans	Italwinch
Deck cranes	Palfinger PK11001M 1440 kg @ 5,9 m
Daughter boats	Viking Metis 700
Boat launching	Boat slip

ACCOMMODATION

Cabins	1 single cabin, 2 double cabins. Two toilets, one shower, pantry, mess.
Air conditioning	Webasto



USER: Hamburg Police

Baltic Workboats AS

Nasva Harbour
Sadama 26, Nasva
93872 Saaremaa, Estonia

Phone: +372 45 21140
sales@bwb.ee
balticworkboats.ee

