LIGHT TACTICAL ARMOURED VEHICLE

PANHARD
DEFENSE

→ **www.panhard-defense.fr**

Whatever the mission, wherever, whenever

VBL

VBL, Light Armoured Vehicle of 4.3 tonnes, is an armoured vehicle capable of carrying payloads up to one tonne to perform reconnaissance, intelligence, command, internal security, or combat missions in anti-tank and cavalry units. Its compact, stealthy design gives it unequalled projection capacities: amphibious, air transport and air-drop. Its excellent mobility, notably due to its fully independent suspension system, makes it an agile vehicle in all theatres: desert, mountainous, urban, tropical, etc.

Successor to the VBL MK1, which was a worldwide success with more than 2,300 units sold, the updated version reinforces its mobility and survivability to face present day threats. Engaged on all the theatres of operation of the French army, VBL has proved its worth in combat.

MOBILITY AND STEALTH

- Stealth: monocoque hull with compact profile
- Agility in urban and mountainous environments thanks to its small profile
- Rapidity and ease of transport: air transport in C-130 and A400M, helihoisting
- Amphibious vehicle

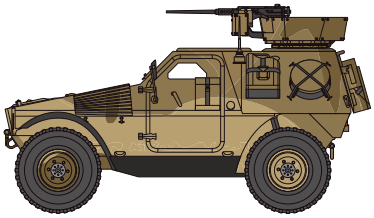
MODULARITY

- Large number of versions suited to each mission: command post, area surveillance, reconnaissance, anti-tank defence, anti-aircraft defence...

COMBAT PROVEN

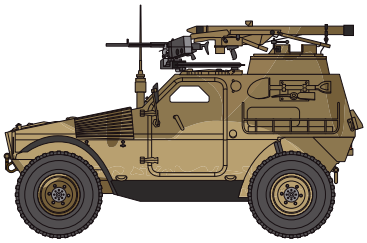
- Used in numerous theatres of operation: ex-Yugoslavia, Lebanon, Ivory Coast, Haiti, Afghanistan, Mali
- In service in 16 countries worldwide

VERSIONS



RECCE / COMMAND / LIAISON

Missions	Command, Liaison, Reconnaissance
Max crew	3
Systems	Ring-mounted 12.7 or 7.62 mm, PL80 manual or remote weapon station (WASP 7.62 mm...)

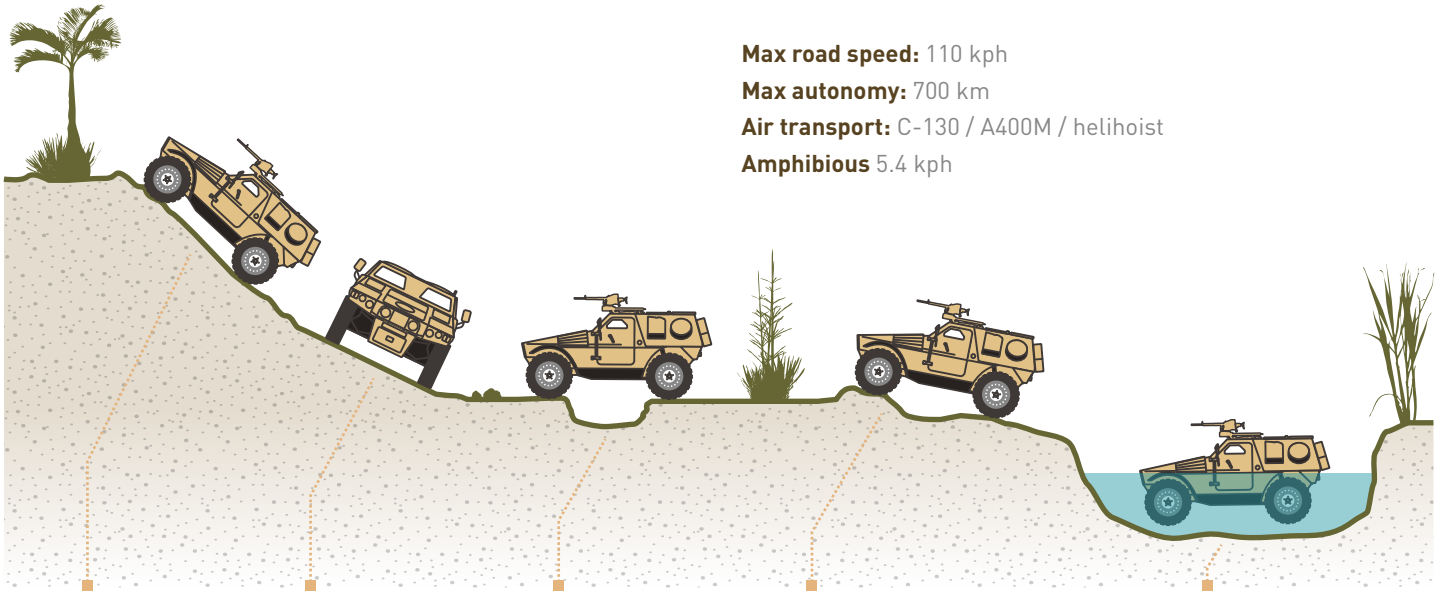


SYSTEM CARRIER

Missions	Intelligence, Area surveillance, Anti-tank, Anti-aircraft defence
Max crew	3
Systems	Anti-tank missiles, anti-aircraft turret, border surveillance system...

PERFORMANCE *

Max road speed: 110 kph
Max autonomy: 700 km
Air transport: C-130 / A400M / helihoist
Amphibious 5.4 kph



Gradient
50 %

Side slope
30 %

Trench
0.75 m

Vertical obstacle
0.4 m

Amphibious

* The indicated values may vary depending on the vehicle's configuration.

TECHNICAL FEATURES & EQUIPMENT

	VBL
WEIGHT AND DIMENSIONS	
GVW	4.3 T
Max payload	1 T
Dimensions (L x W x H)	4.02 x 2.02 x 1.73 m
Wheelbase	2.7 m
Ground clearance	0.37 m (under axle)
Max crew	3
DRIVELINE	
Configuration	4x4
Engine	M14 TCI (Euro 3)
Max power	130 hp @ 3800 t/min
Max torque	295 N.m. @ 1800 rpm
Transmission	Automatic (4 speed)
Suspensions	Independent
STANDARD EQUIPMENT	
Ballistic protection according to STANAG 4569	
Mine and IED protection according to STANAG 4569	
Run-flat tyres	
CTIS	
Amphibious	
Fire extinguisher	
Air conditioning / heating	
100 A alternator	
OPTIONAL EQUIPMENT	
Extreme cold starting (-32°C)	
Electric winch	
Bull bar	
NBC protection	
Smoke grenade-launcher	
RCIED jammer	
Headlight grids	
Urban area protection kit	
Cable cutter	
Radio UHF/VHF/HF/PMR	
Specific intercom	
GPS	
Secondary electrical network	
Reversing camera	
Day/night long-distance surveillance camera	
Sniper acoustic detector	
Police light bar	
Public address	
7.62 or 12.7 mm machine gun (ring-mounted or remote-controlled)	
1 man turret	
Anti-aircraft, anti-tank missile-launcher	
Tear gas grenade-launcher	

LIFECYCLE SUPPORT

VOLVO GROUP GOVERNMENTAL SALES WORLDWIDE

- Our vehicles are supported by a worldwide network of around 4,000 workshops

A COMPLETE RANGE OF SUPPORT SERVICES

- Training and technical documentation
- Diagnosis and maintenance
- Spare parts
- Assistance

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PANHARD DEFENSE
2 rue Panhard & Levassor
91630 Marolles-en-Hurepoix - France
www.panhard-defense.fr

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