

Iveco Defence Vehicles

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002-0110

SUPERAV

Amphibious Armoured Vehicle

8x8 APC-W



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SUPERAV_{8x8} APC-W

Amphibious Armoured Vehicle

The widebody version of the SUPERAV 8x8 APC offers further increased amphibious payload, so granting the highest survivability level for vehicles of its class. As mobile as the lightest and as protected as the heaviest comparable solutions, SUPERAV 8x8 offers the highest combination of performance, payload and protection.

Technical Features

Dimensions (approx.)

Length	7.92 m
Height (hull)	2.31 m
Overall Width	3.00 m
Ground clearance	0.45 m
Wheelbase	2.30 m
Approach angle	49°
Departure angle	45°
Seats	1 + 12

Weight / Volume / Payload (approx.)

Empty weight	15 t
Payload	
- amphibious operation	9 t
- land operation	10 t
GVW (Maximum)	
- amphibious operation	24 t
- land operation	25 t
Internal volume	14 m ³

Performance

Max. speed	
(paved road)	> 105 km/h
(in navigation)	10 km/h
Gradient	> 60 %
Side slope	> 30 %
Range on road (70 km/h)	800 km
Step	≥ 0.6 m
Trench	≥ 2 m
Fording depth	1.5 m
Turning circle radius	9÷11 m
Power to weight ratio	> 21.5 HP/t

Mobility

Engine	IVECO Cursor 13 6L turbocharged inter cooler
Fuel	Multifuel
Power	368÷412 kW (500÷560HP)
Torque	2200 Nm
Gearbox	ZF 7HP902
Number of gears	7 + 1 r

Driveline / suspension

Single-differential twin-shaft design
Hydro-pneumatic and independent suspension Mc Pherson
Steering on 1st and 2nd axles
Transversal differential lock
Disengageable front axle

Wheels

14.00R20 XML/XZL
Run-flat VFI system
Central Tyre Inflation System (CTIS)

Electric System

Full digital dashboard
Built-in Diagnostic System
>500A User Available Power

Survivability

High hardness monocoque steel hull
Direct fire ballistic armour (base level)
A/T mines protection (base level)
Anti-mine seats

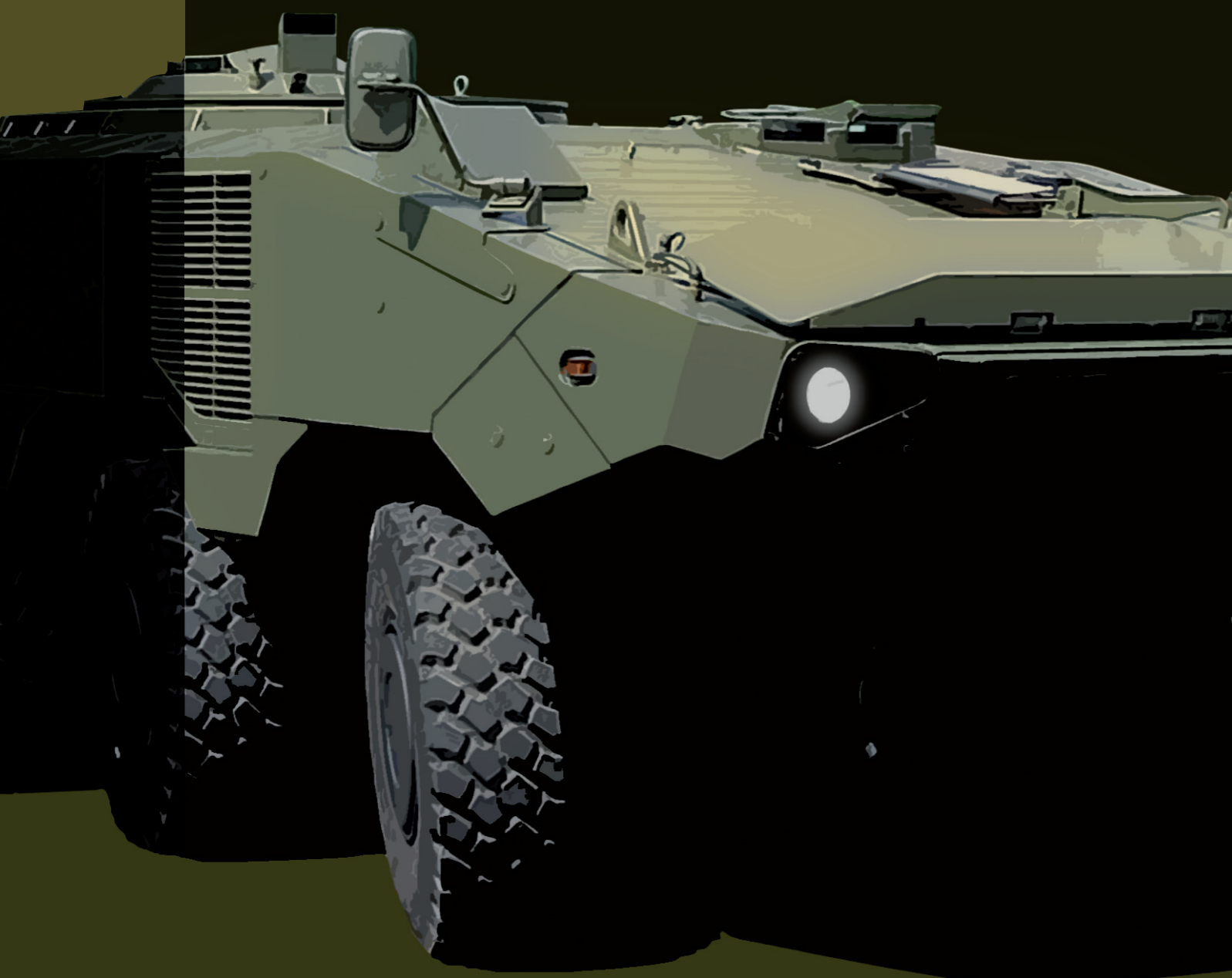
Fire Extinguishing/Anti-explosion system in engine compartment
Anti-explosion / self-sealing fuel tanks
8x80 mm smoke grenade launchers

Amphibious Operation

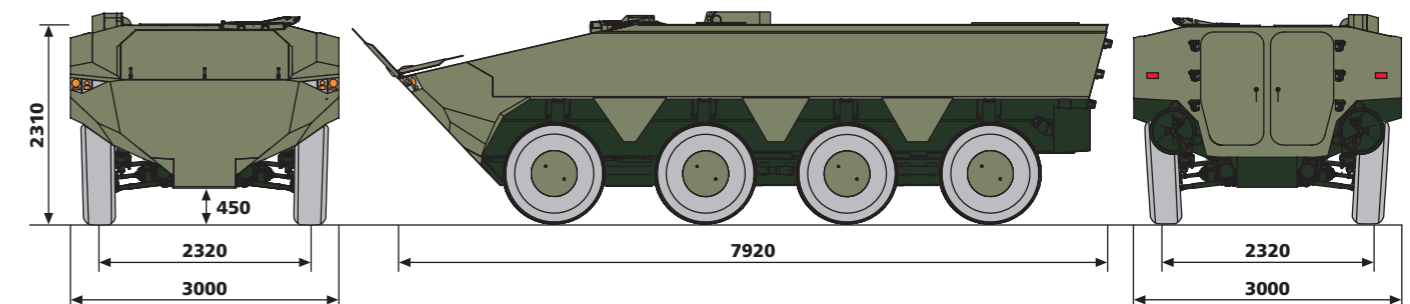
Sea state >2
Hydraulic-powered independent propellers
Front break water
Snorkel
Bilge Pumps

Options

Rear Ramp
4th axle steering
12.00R20 XML/ XZL wheels
Height Management System
Hydraulic Winch
Automatic air conditioning system
NBC protection (collective with individual backup)
Auxiliary heaters
Fire Extinguishing/Anti-explosion system in Crew cabin
Laser Warning system
Direct fire ballistic armour (advanced level)
A/T mines protection (advanced level)
Specific IED protection suite
Active Protection System
All-round video cameras



SUPERAV 8x8 APC-W



The data contained in this brochure is purely indicative and Iveco D.V. reserves the right to modify or to upgrade design details without notice in accordance with future technical developments.