

Strong. Agile. Lethal.

CV90120

baesystems.com



BAE SYSTEMS

For more information contact:

BAE Systems Hägglunds
SE-891 82 Örnsköldsvik, Sweden

T: +46 (0)660 800 00

E: info@baesystems.se

W: baesystems.com/CV90120

The CV90120 provides battle groups with great sustained long-range anti-tank capability, accurately delivered fire-support, high mobility, advanced identification capability and state-of-the-art protection.

High armament, low weight

With its lightweight design, the CV90120 is more maneuverable on the battlefield than traditional tanks, yet can still match them in terms of firepower. The tank gun is a powerful main weapon that allows the lightweight CV90120 to contend with any contemporary threat. Several 120 mm gun options exist.

The low ground pressure, rubber tracks and active damping enables the CV90120 to move to wherever it is needed and face any threat on the battlefield. The CV90120, at 26 to >40 tonnes has the same high operational tempo as the rest of the CV90 family.

Stay hidden, stay safe

Flexibility within the CV90 family has also allowed for the inclusion of modern sensor-based protection. Whereas most armoured vehicles rely solely on traditional armoured steel, the CV90120 is fitted with a Defensive Aid Suite (DAS) soft-and hard-kill. This classifies potential threats, gives threat warnings via the Vehicle Information System (VIS), deploys countermeasures and supports the driver with driving instructions to reduce the risk of being hit.

The CV90120 also has the state-of-the-art ADAPTIV cloaking system, which works to keep the vehicle hidden from potential threats by altering its thermal signature. This, and the vehicle's other defensive systems, ensures the CV90120's crew

survivability against modern day battlefield threats.

Cost-efficient combat

The CV90120's capabilities also come at a much lower cost than traditional tanks. With half the weight of standard tanks, the CV90120's fuel consumption and component wear is significantly lower. This allows armed forces to provide the best possible protection and armament for their crews at maximum cost efficiency.

With its main gun, improved hunter-killer capability and the mobility of the CV90 family, the CV90120 is a combat vehicle that increases crew survivability and guarantees mission success.

The CV90 is the most modern armoured vehicle family in the 25-40 tonne class. The platform has been developed to meet military requirements all around the world, including the armies of Denmark, Estonia, Finland, Norway, Sweden, Switzerland and the Netherlands.



Specifications

Weight	>40,000 kg GVW-R
Personnel	3 (crew) + 2 jump seats
Length	~8.3 m (gun forward)
Chassis	6.6 m
Width	3.3 m
Height	2.8 m (panoramic sight) 2.4 m (roof top)
Speed	>80 km/h
Main armament	120 mm 47-55 calibers
Rate of fire	12-14 rds/min
Calibre and ammunition	120 mm, NATO, ABM
Elevation range	-8 to +22 deg
Secondary armament	7.62-12.7 mm Machine guns, 40 mm AGL
Engine type	Diesel, 4 stroke cycle
Power	up to 746 kW

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1.25.CV9012.BTR Approved for public release 2016-08.

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