

ACSV G5

ARMoured COMBAT SUPPORT VEHICLE



FLENSBURGER
FAHRZEUGBAU





MISSION POSSIBLE

ACSV G5 - Highly Versatile with Mission Modules

The Armoured Combat Support Vehicle ACSV G5 is a base platform for a wide family of dedicated modular tracked vehicles. Its primary role is to provide flexible battlefield support to all combat forces.

FFG has developed this highly innovative support vehicle from scratch, based on decades of experience in the development of upgrades and service life extension projects. More than 1600 upgraded vehicles and the recent development of the technology demonstrator PMMC G5 have contributed to the final design of the ACSV G5.

The ACSV G5 uses the latest technologies and represents the state of the art in tracked vehicles: its electric and electronic layout is based on the NATO Generic Vehicle Architecture NGVA and fulfils extremely high EMC requirements. The vehicle components communicate via CAN-bus, allowing a flexible and fast diagnosis of the complete system. The ACSV G5 is running on a wide Composite Rubber Track system. These tracks

reduce vibrations and noise both inside and outside the vehicle, reducing stress and fatigue on the mounted soldiers and the installed equipment. This wide track system produces a very low ground pressure and thus guarantees outstanding mobility in the most demanding environments. The all-German powerpack represents the latest status of technology, consisting of an MTU engine and a ZF transmission that are both battle-proven.

The user benefits from outstanding mobility while being comprehensively protected against today's threats. The ACSV G5 offers maximum availability, with long service intervals and low Life Cycle Costs. FFG's proven technical service is supporting our customers world-wide at all levels. Moreover the user benefits from a long-term availability of spare parts.

Overall, the ACSV G5 is a logical choice for Armies internationally, and provides the optimal secure investment and value for money.



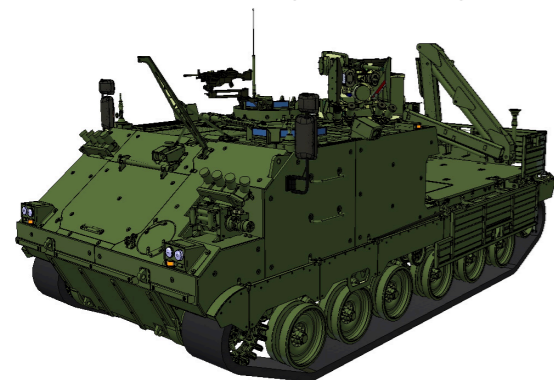
Armoured Combat Support Vehicle G5

KEY FEATURES

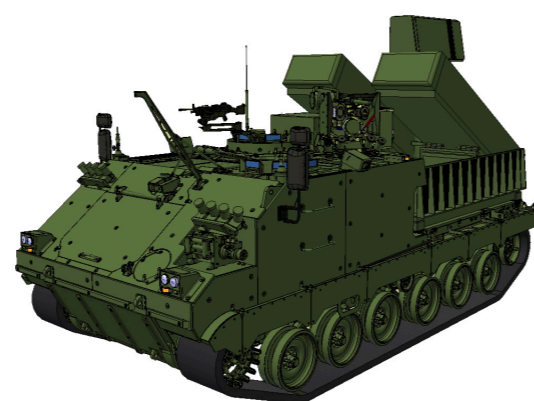


- Superior all-terrain mobility with very low ground pressure
- Unparalleled multi-functionality
- Highest payload in its weight class
- Outstanding mission readiness and reliability
- State of the Art protection systems
- Battlefield force multiplier
- Economically cost efficient

Mission Module: Cargo with loading crane



Mission Module: Ground Based Air Defence



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VARIANTS

The ACSV G5 Family of Vehicles includes the following Mission Modules and Variants:

Mission Modules

For optimal modularity the ACSV G5 Mission Module variant is designed to transport both industry standard and customized modules. Featuring standard ISO container fittings for both 10 foot and 6.5 foot containers, the vehicle may also be fitted with a loading crane. Removable side panels and a large number of lashing points on the cargo bed allow for the safe transport of all kinds of loads.

The ACSV G5 has standardized interfaces for high power electricity, data transfer and hydraulic supply to easily exchange custom mission modules. The smart vehicle design enables users to both rapidly transfer cargo loads to combat areas and to use modules of industry and military origin.

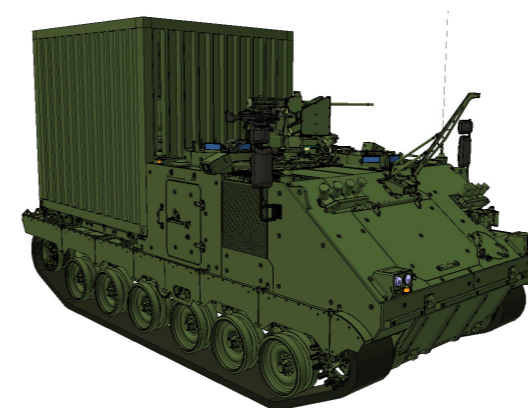
Enclosed Module Carrier

The enclosed variant of the ACSV G5 uses the same highly mobile and modern vehicle platform, while providing the largest enclosed space on a tracked vehicle.

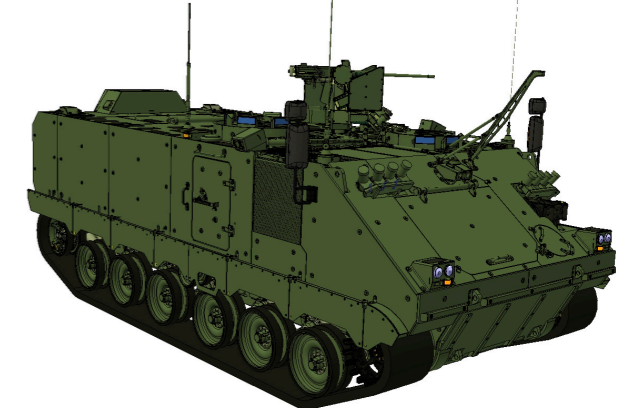
The Enclosed Module Carrier is the perfect choice for sensitive mission equipment such as command and control, joint fire support, specialised weapons and drones. The unparalleled interior volume of the vehicle is ideal for both APC or Ambulance variants.

The ACSV G5 platform provides a modern, reliable, universal support vehicle for armed forces worldwide.

Mission Module: 10 foot container



Enclosed variant



TECHNICAL DATA

Type			
• Length	6.928 mm	• Fording ability	1.200 mm
• Width	2.996 mm	• Slope	60 %
• Height	3.050 mm	• Side slope	30 %
• Gross weight	26 metric tons	• Climbing ability	1.000 mm
• Curb weight	18 metric tons	• Range	600 km + additional 12h operation
• Cargo load	8 metric tons	• Engine power	460 kW, 2.400 Nm multi fuel
• Max. speed	74 km/h	• Transmission	Fully automatic, 6 + 2 gears, pivot turn
• Trench crossing	2.300 mm		

VARIANTS

Mission Module variants

- Cargo with loading crane option
- Ground Based Air Defence
- Artillery Locator Radar
- Electronic Warfare
- Missile Launcher
- Recovery Module with winch and crane
- Drone Mothership

Enclosed variants

- Armoured Personnel Carrier
- Command and Control
- Anti-Tank Team Transport
- Special Repair / Engineering Team
- Joint Fire Support Team
- MedEvac / Ambulance
- Limitless possibilities...



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on the website of FFG.

www.ffg-flensburg.de

Contact us to discuss how we can help you.

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