



ACV-19 Technical Specifications

Data subject to change without notice.

GENERAL	
Combat Weight	18,000 kg
Crew	13 (Incl. Gunner, Driver and Commander)
Length	6.02 m
Width	2.94 m
Height Overall	2.69 m

MOBILITY	
Engine	Diesel
Transmission	Fully Automatic
Max. Road Speed	65 km/h
Range	490 km
Gradient	60%
Side Slope	30%
Vertical Obstacle	0.70 m
Trench Crossing	1.83 m
Fording Depth	1.1 m
Amphibious Capability	Standard
Suspension System	Torsion Bar
Steering System	Through Transmission

PROTECTION & LIFE SUPPORT SYSTEMS	
	8
Automatic Fire Suppression System	Optional
NBC Detection System	Optional
CBRN Protection System	Standard
A/C and Heater	Optional

ARMAMENT	
Type	Manned and Remote Controlled Turrets, Mortar and/or Missile Systems from Various Types and Origin Can be Integrated

MISSION EQUIPMENT	
Driver Vision System	Thermal Cam. & Display
Electrical System	24 V



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ACV-19

ARMoured COMBAT VEHICLE



OVERVIEW

The ACV-19 (Armoured Combat Vehicle) is the general name for 15-19 ton weight class, modern high performance vehicles derived from the highly successful FNSS ACV. These vehicles have proven themselves with numerous armies worldwide.

The ACV-19 offers the latest developments in high value vehicle performance for internal volume and payload but maintains the advantages of commonality with the ACV family of vehicles.

The differences between the ACV-15 and the ACV-19 consist primarily of a longer, stretched hull with 6 road wheels, heavy duty final drives, and suspensions.

ACV-19

ARMoured COMBAT VEHICLE

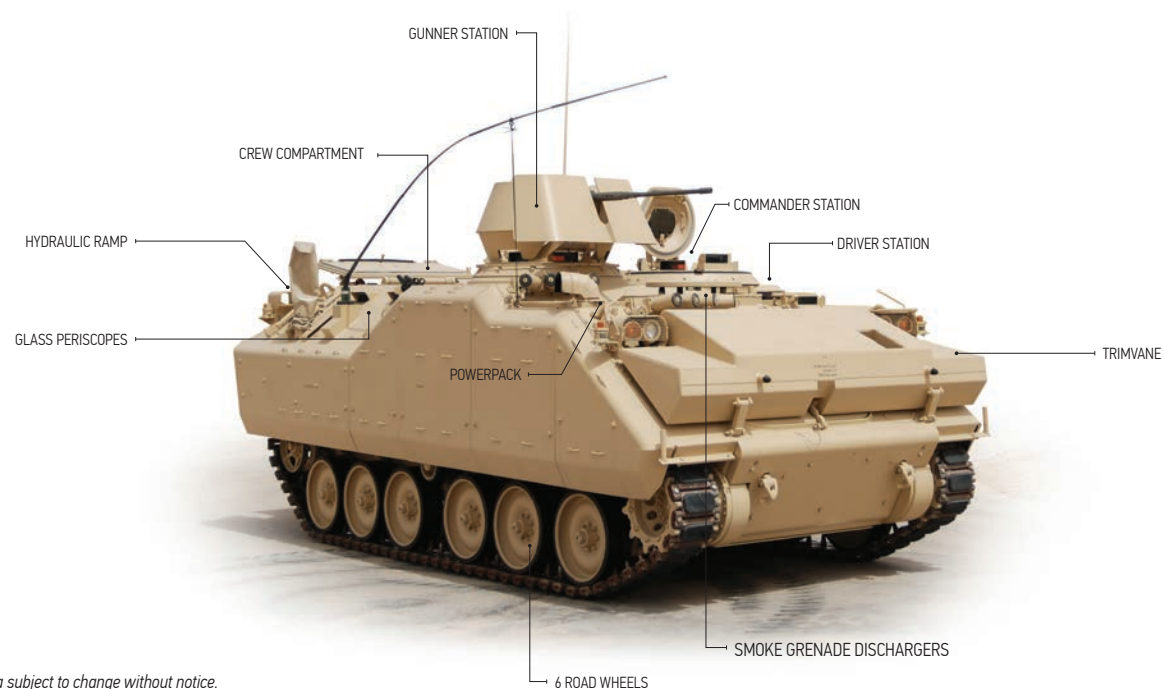
FNSS



The ACV-19 offers more volume under armour and more payload capacity than the ACV-15. Consequently, the ACV-19 chassis can support heavier payloads such as larger turrets without compromising the mobility offered by the ACV-15. Additionally, the 90% spare part commonality among ACV-19s and ACV-15s makes maintenance more convenient for users of both variants.

The ACV-19 chassis are provided with a unique, space laminated armour system combining steel and aluminium technology to provide a high level of armour protection against direct kinetic energy threats. The hull provides protection against mines as well.

The vehicle is upgradeable thanks to its growth potential and its configuration can be tailored in accordance with user requirements into a true family of vehicles that can be utilized as cavalry, infantry, MBT's support vehicles and artillery.



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Watch the Video





VARIANTS

ACV-19

ARMoured COMBAT VEHICLE

FNSS



ACV-19 IFV25

The ACV-19 IFV25 is fitted with a stabilised 25 mm manned or remote controlled SABER turret and carries 11 personnel including driver, commander, and gunner.



ACV-19 TLC

The TLC variant is the Tracked Logistics Carrier configuration of the ACV-19 FoV. It is configured with a fully armoured driver and crane operator cabin placed in the front left side of the vehicle. An open flat cargo bed is available at the rear to carry loads and logistic supplies.

It is equipped with a hydraulic crane to load and unload the heavy materials carried by the vehicle. It is also equipped with a self-recovery winch and a 12.7 mm MG fitted on top of the vehicle. It is capable of transporting 6,000 kg of ammunition and general cargo to forward areas to support field units. The vehicle carries 2 personnel, consisting of a driver and a gunner or crane operator.



ACV-19 AAPC

The AAPC variant is the Advanced Armoured Personnel Carrier configuration of the ACV-19. The vehicle is armed with a SANCAK Remote Controlled Turret or with a 12.7 mm MG installed on a pintle or light protected mount, and carries 13 personnel including driver, commander, and gunner.



ACV-19 AMEV

The ACV-19 AMEV is a highly manoeuvrable, tracked armoured ambulance designed primarily for casualty evacuation from the front line. It can carry a driver and a medic with either 2 patients on stretchers and 4 seated patients, or 8 seated patients.



VARIANTS

ACV-19

ARMoured COMBAT VEHICLE



ACV-19 CPV

The ACV-19 CPV is the Command Post variant of the ACV-19 FoV. It is used as an operational staff officer's command post at Brigade and Battalion level. It can also be configured as a Fire Direction Centre. The vehicle is armed with a SANCAK Remote Controlled Turret or with a 12.7 mm MG installed on a pintle or light protected mount, and it carries 8 personnel including driver, vehicle commander, and staff officers.



ACV-19 SPM120

The SPM120 variant is the Self-Propelled Mortar configuration that provides indirect fire support. The vehicle is armed with a 120 mm mortar and a self-defence 7.62 mm or 12.7 mm MG. It carries 5 personnel including driver, commander/gunner and 3 mortar crew.



ACV-19 LGM-V

The LGM-V is the laser guided missile carrier vehicle configuration of the ACV-19 FoV. Eight rounds of ready-to-fire laser guided missiles are installed in the remote-control missile launcher turret. The missiles are capable of destroying enemy bunkers as well as light and medium armoured vehicles. The vehicle can carry 4 personnel and 8 spare Laser Guided Missiles stored inside the vehicle.

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Watch the Video