

# ACV-19

ARMORED COMBAT VEHICLE

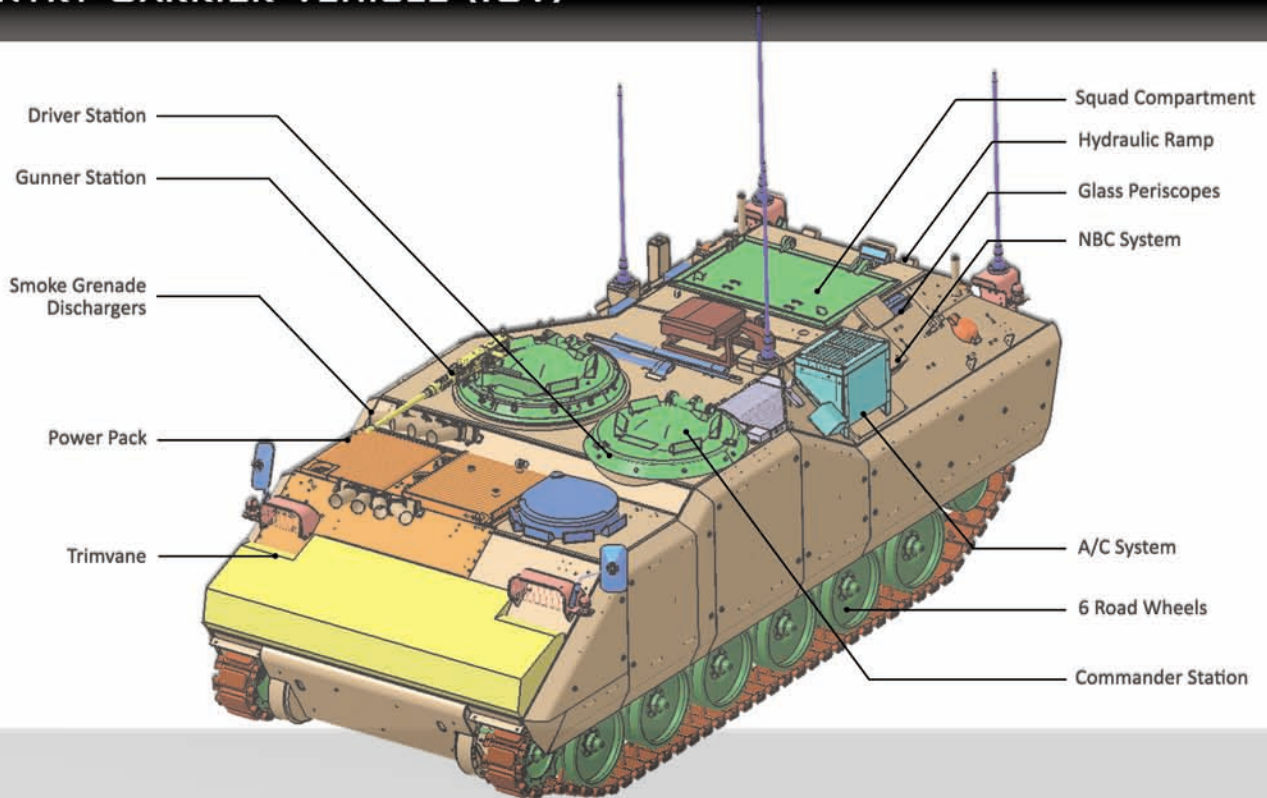


## Mission Specific Features

- Multi-mission capable vehicles
- Mechanized / Armored Infantry
- Reconnaissance
- Special Operations
- Independent Infantry Operations
- Full Spectrum Conflicts



# INFANTRY CARRIER VEHICLE (ICV)



## ICV Specifications

### Technical

Engine	Diesel 350 hp (400 hp, Optional)
Transmission	Fully Automatic
Suspension	Torsion Bar
Electrical System	24 V
Steering System	Through Transmission
Track Width	381 mm (T-150 Double Pin)
Length of track on ground	3.75 m

### General

Crew	14 (incl. Gunner; Driver & Commander)
Combat Weight	18.000 kg (± 1000kg)
Length	6.38 m
Height Hull Roof	2.01 m
Height Overall	2.69 m
Ground Clearance	0.43 m
Ground Pressure	0.43 kg/cm
Fuel Capacity	501 liters
NBC System	Standard
NBC Detection System	Optional
Air Conditioning	Optional
Automatic Fifer Suppression	Optional
Drivers Thermal Cam. & Display	Optional

### Performance

Max. Road Speed	
- Forward	65 km/h
- Reverse	11 km/h
Water Speed	6.3 km/h (with Track Propulsion)
Max. Road Range	490 km
Gradient	60 %
Side Slope	30 %
Trench Crossing	1.83 m
Vertical Obstacle	0.74 m

### Armament

Main Armament	12.7mm Machine Gun
Smoke Grenade Dischargers	Sea Standard

The information given above is based on a standard vehicle configuration. The information is variable depending on user requirements. Please also notify that, data subject to change without notice.



All Terrain Mobility

## ACV-19 Description

The ACV (Armored Combat Vehicles) is the general name for a 15-19 ton class modern high performance vehicles. derived from the highly successful FNSS ACV. These vehicles have proven themselves with a number of armies worldwide. ACV-19 offers the latest developments in high value vehicle performance for internal volume and payload but maintains the advantages of commonality with ACV family of vehicles.

The ACV-19 chassis is a derivative of the ACV-15 FoV's which is already in the inventory of Turkish Armed Forces, Malaysian Armed Forces, United Arab Emirates Armed Forces and Philippines Armed Forces.

The ACV-19 has been in service as "Command Post" and "120mm Mortar" vehicle configurations in two different countries.

The differences between ACV-15 and ACV-19 consist primarily of a longer (stretched) hull (6 road wheels), heavy duty final drives, more aggressive suspension. The ACV-19 offers more volume under armour; more payload capacity than ACV. This means that the ACV-19 chassis can carry high payloads such as greater payload turrets, and still provide the comparable performance as a standard ACV-15. In addition, it is 90% spare parts commonality to ACV-15.

The ACV-19 chassis are provided with a unique, space laminated armor system combining steel and aluminum technology to provide a high level of armor protection against direct KE threats. Also, the hull provides protection against mines.

The vehicle shall be upgradeable with growth potential. The vehicle configuration can be tailored in accordance with user requirements into a true family of vehicles which can be utilized by cavalry, infantry, MBT's support vehicles and artillery.

Increased Firepower



Increased Payload Capacity



More Internal Volume



Growth Potential





# ACV-19

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INFANTRY CARRIER VEHICLE



IFV TWO MAN TURRET



COMMAND POST VEHICLE



IFV ONE MAN TURRET



120MM MORTAR VEHICLE



AIR DEFENCE VEHICLE



TRACKED LOGISTICS CARRIER



MEDICAL EVACUATION VEHICLE

