



## Mahindra MPV-i

The Mahindra MPV-i APC is a a rugged 230bhp engine and a 6x6 transmission, the MPV is a specialist vehicle for off-road.

The Mahindra MPV-i combines excellent ballistic and mine protection, with a top and side protection of CEN Level B6, and blast protection up to Stanag Level 4A.

Built for anti-terrorist and anti-Naxal operations the Mahindra MPV-i is a rugged MPV with its high torque and power to weight ratio it can handle the most challenging terrain.

**Ballistic Protection:** Top: Withstand direct hit of 7.62x51 mm ball, 5.56x45 mm, 7.62x39 mm ammunition from a distance of 10 metres at 90° angle of attack.

**Mine Blast Protection:** Side Mine Protection: IED 10kgs TNT (Minimum) from a distance of 5 metres and height of 1.5 metres from the ground.

Bottom Under-Carriage: Protected against landmine blast of Minimum 14kg of TNT and equivalent under the hull and minimum of 21kg of TNT and equivalent under the tyre of the vehicle.

**Landmine Certification:** BAE Land Systems OMC conducted a landmine certification test on the Mahindra MPV-i and concluded that the vehicle structure provides adequate protection to the occupants of the vehicle against 14kg TNT explosives underneath the hull of the vehicle and 21kg TNT explosives underneath the rear wheel of the vehicle. All Sides: Can withstand direct hit of 7.62x51 mm ball, 5.56x45 mm, 7.62x39 mm ammunition from a distance of 10 metres at 90° angle of attack.



Mahindra MPV-I Specifications:

Engine	Engine Type	V6 Direct Injection CRDi with Turbo Charger, Intercooler
	Cylinders	6
	Power	260bhp @ 1250rpm
	Torque	960 Nm @ 1250rpm
Transmission	Transmission Type	5 Speed Manual
Suspension	Front (option)	Multi Leaf Spring with Shock Absorbers
	Rear	Bogie Suspension
Brakes	All Six Wheels	Pneumatic Dual Brake Circuit of 10 Bar System with Parking brake on all 6 wheels
Steering	Steering Type	Tilttable Power Steering
Turning Circle Radius		21,000 mm
Drivetrain	Drive System (option)	6X6
Fuel	Type	Diesel
	Capacity	225 Litres with Fire Suppression Agent
Tyres	Tyre	14 R 20 W RFS (As per Finnable 50km)
Seating	Vehicle Capacity	2 (Front) + 14 (Rear) + 2 Jump Seats

### Counter-Terrorist Operations

- Patrolling in high intensity areas
- Special Forces Operations
- Quick Reaction Teams.

### Conventional Operations

- Armed
- Raids in open or desert terrain
- Convoy protection
- Riot control

