

## TECHNICAL SPECIFICATIONS

### GENERAL SPECIFICATIONS

Crew	2+10
Kerb Weight (kg)	10 000
Payload (kg)	5 000
Combat Weight (kg)- GVM	15 000
Power-to-weight Ratio @ GVM	14.7 kW/ton (22.1 kW/ton at Kerb Weight)
Ground Clearance (mm)	340 (Excluding Dozer Blade)
Wheel Base (mm)	3 100



### AUTOMOTIVE SPECIFICATIONS

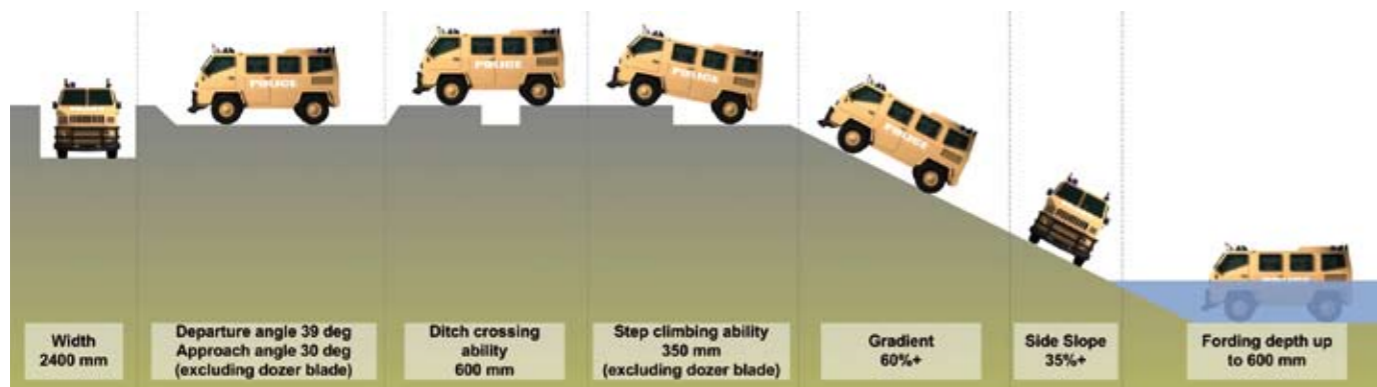
Engine	CUMMINS ISBe4 Diesel (221 Kw and 1100 Nm)
Transmission	ALLISON SP3000 6-Speed Automatic
Transfer Box	AXLETECH BT600
Diff Locks	Air Operated Front, Centre and Rear
Brakes	Air Operated Disc Brakes (ABS ready)
Tyres	MICHELIN XZL 335/80 R20
Air-conditioner	15 kW Standard
Electrical System	24V

### PERFORMANCE

Max Speed- Road (km/hr)	100-120 (tyre dependent)
Turning Circle (m)	16.5
Road Range (km)	700

### PROTECTION

Protection-KE (Standard)	7.62 x 54 mm RB 32 API & .50 cal API (Equivalent to STANAG 4569, level III)
Protection-Blast	M26 Hand Grenade or equivalent



### OPTIONS

Central Tyre Inflation System (CTIS)
Run Flat Inserts (RFI)
ABS Brakes
BC Overpressure System
Auxiliary Power Unit - 20 kW (including Airconditioner in Silent Mode)
Radios, Intercom Systems and Surveillance Systems
Fire Suppression Systems
Dozer Blade and Bullbar
Public Address System
Various Weapon Stations

\* Specifications subject to change without prior notice

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# MAVERICK



## CONCEPT

The Maverick is a state-of-the-art Public Order and Internal Security Vehicle offering unsurpassed protection and survivability. Using a powerful diesel engine and 4x4 drive-line integrated with an automatic transmission, the Maverick provides remarkable manoeuvrability and agility in built up areas. The large windows coupled with the cab-over-engine layout provide excellent visibility and awareness for the driver, co-driver and the 10 crew members to the rear. A camera can be mounted at the rear of the vehicle for enhanced rear visibility.

The Maverick's considerable internal volume and superior payload capacity allows for ample kit and special equipment stowage. In addition, small or medium calibre turrets can be roof mounted.

## ADAPTABILITY

The Maverick concept maximises useable volume from bumper to bumper. The flat internal surfaces and the payload capacity of 5 000 kg enable the vehicle to be customised and fitted with specialised equipment and kit such as anti riot gear, command and control suites, surveillance equipment, ramps for SWAT Teams and even bomb disposal robots.

The Maverick can be customised and the following variants are available:

- Base Anti Riot Vehicle
- Command Vehicle
- Surveillance Vehicle
- Explosive Ordnance Vehicle
- Para Military APC
- Armoured Ambulance
- VIP Transporter
- Water Canon

## SURVIVABILITY

The Maverick's unique integrated double-skin monocoque hull structure affords world-class spaced-armour all-round protection and survivability against kinetic energy projectiles and Improvised Explosive Devices typically encountered in areas of deployment (STANAG 4569 Level III).

Crew are seated for ease of exiting of the vehicles through the 2 pneumatically operated plug doors on either side of the vehicle and a rear door. Side doors are also provided for the driver and co-driver.

The floor is protected against a variety of shrapnel munitions such as the M26 hand grenade and firebombs and an external fire extinguisher system can be fitted.

The integrated ultra silent running 20 kW Auxilliary Power Unit provides ample electrical power and air-conditioning, even in silent mode.

## SUSTAINABILITY

The vehicle is equipped with proven Commercial-Off-The-Shelf (COTS) sub-systems which considerably reduces ownership and life-cycle costs.

The Maverick is designed with ease of maintenance in mind and as such component sourcing and manufacture are especially simple. This allows for the cost-effective production and support of vehicles in various locations across the globe.

The Maverick can be serviced and maintained in most countries throughout the world without the client having to invest in expensive and complex logistics systems.

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