



PUMA USA

The Puma USA is a multi-purpose Armored Personnel Carrier (APC) with a V-shaped hull giving it mine and IED protection. Built on a commercial truck driveline, the main use for the Puma is by military and police forces during peace keeping, homeland security and other asymmetric warfare operations.

The Puma also has the ability to act as a high mobility mine protected patrol vehicle, an ambulance, a mine protected weapon carrier as well as a mine protected command vehicle.



**STANAG LEVEL
4a & 4b**



BASIC SPECIFICATIONS

ENGINE

Make: Cummins
Model: C-Series
Engine Code: 6C8.3-215-FB90892
Type: Common Rail Diesel
Displacement: 8.3L
Power: 275hp @ 2,000 rpm
Torque: 1200 NM @ 1,500 rpm
Fuel Type: Diesel

TRANSMISSION

Type: Allison 3000 SP Auto
No of Gears: 5 forward, 1 reverse

TRANSFER CASE

Type: 2-Speed 4x4 Selectable

STEERING

Type: Hydraulic Power Assisted

BRAKES

Service Brakes: Dual Air System
Park Brake: Spring Brake
Auxiliary Brake: Engine Exhaust Brake

SUSPENSION AND AXLES

Springs: Semi Elliptic Leaf Springs
Shock Absorbers: Double Acting Telescopic Hydraulic

WHEELS AND TYRES

Wheels Tyres & Rims: 10.00 x 20. Tyres 1400 R20-18PR
Run Flat Inserts: Optional

STANDARD FITMENT

Air Conditioner: Yes
Defence Ports: Up to 11 in Crew Compartment + 2 in Drivers
Seat Belts: Fitted to all Seats

CONFIGURATION

Seating: 2 Front, 2 Rear and 2 Patients
Vehicle Variant: Ambulance
Entrance Doors: 2 Main Rear Doors, 2 Drivers
Compartment.

ELECTRICAL SYSTEM

24 Volt System

DIMENSIONS

Overall Length	6,643 mm
Overall Width	2,551 mm
Overall Height	2,805 mm to top excluding external mounts and fittings
Ground Clearance (min)	351 mm
Fording Standard	850 mm Optional: 1200 mm.
Fuel Capacity	290 litres

VEHICLE MASS

Tare	11,300 kg
Gross Vehicle Mass (GVM)	14,000 kg
Payload	2,700 kg

PERFORMANCE

Max Speed	100 km/h
Sustained Road Speed	80 km/h
Fuel Autonomy	> 800 km on roads
Max Gradient	60%

PROTECTION

STANAG 2 Ballistic and STANAG 4a & 4b blast in accordance with (AEP55).
V-shaped Monocoque Hull



PUMA USA AMBULANCE