



## PUMA M36 Mk 6C - 2 4x4 Mine Protected Vehicle (MRAP)

- Robust, reliable and proven drive line
- Excellent road and rough terrain mobility
- Low maintenance cost
- Multi-role capabilities
- Comprehensive product support



# BASIC SPECIFICATIONS

## PUMA M36 MK 6C - 2 4X4 MINE PROTECTED VEHICLE

### (Independent suspension)

<b>ENGINE</b>	<b>Mercedes Benz OM 926 LA</b>
Type	Common rail direct injected turbo-intercooled diesel.
Configuration	In line 6 cylinder.
Displacement	7,2 Litre
Max Power	240 kW (322 hp) @ 2200 r/min
Max Torque	1 300 Nm @ 1200 – 1600 r/min
Fuel Type	Diesel or JP8
<b>TRANSMISSION</b>	
Type	Allison 3500SP
No of gears	6 Forward, 1 Reverse
<b>TRANSFER CASE</b>	
Type	Mercedes Benz VG1700 2-Speed Full time 4 x 4 with pneumatic activated centre diff lock, pneumatic Hi-Lo selection and pneumatic Neutral selection for towing.
<b>STEERING</b>	
Type	ZF 8098 Power assisted steering.
Steering wheel orientation	Left Hand Drive. Right Hand Drive option is available.
<b>BRAKES</b>	
Service brakes	Dual circuit pneumatic high capacity disc brakes front and rear.
Park brake	Spring applied / pneumatic released on rear axle, additional spring applied/hydraulic released disc brake on rear diff pinion, park brake combination holds vehicle at GVM on 60% gradient forward and reverse.
Auxiliary brake	Hand operated on front and rear axles.
ABS	4-circuit ABS.
<b>SUSPENSION</b>	
Type	Full independent suspension front and rear.
Springs	Progressively wound coil springs.
Shock absorbers	Double acting telescopic hydraulic shock absorbers optimised for heavy duty application.
<b>WHEELS AND TYRES</b>	
Wheels & Tyres	<b>Rims:</b> 10.00W x 20 bolt-together flat base to fit RFI. <b>Tyres:</b> 14.00 R20 off-road pattern & carcass.
Run Flat Inserts	<b>Fitted</b>
Central Tyre Inflation System	<b>Fitted</b>
<b>CONFIGURATION</b>	
Seating: Total crew	11 (2 + 9) with radio rack fitted.
Entrance doors	2-Piece side opening main rear doors plus 2 front side doors, one each for driver & co-driver.
<b>STANDARD FITMENT</b>	
Air conditioner	13 kW high capacity air conditioner with variable fan speeds.
Defence ports	<b>Optional</b>
ECM System	<b>Optional</b>
Seat belts	4-Point safety harnesses fitted to all seats.
<b>ELECTRICAL SYSTEM</b>	
	24 Volt system with dual alternators supplying 105A each = 210A total. 2 x High capacity 688C 12V 200Ah main batteries.
<b>DIMENSIONS</b>	
Overall length	7 147 mm
Wheel base	3 965 mm
Overall width	2 631 mm over outsides of tyres.
Overall height	2 750 mm to top of roof excluding external mounts & fittings.
Ground clearance (min)	400 mm under differentials & transfer case cover.
Fording	1200 mm Unprepared.
Fuel capacity	300 litres
<b>VEHICLE MASS</b>	
Tare	14 500 kg
Gross vehicle mass	16 500 kg
(GVM) Payload	2 000 kg
<b>PERFORMANCE</b>	
Max speed	90 km/h (Electronically Governed according to EU Road Safety Regulations.)
Sustained road speed	80 km/h
Fuel autonomy	1,100km at steady 67.5km/h @ 15,500kg according to DIN70030.
Max gradient	60%
<b>PROTECTION</b>	
	The V-shape monocoque hull protects the crew against rifle fire, anti-tank mines and IED's.
<b>OPTIONS</b>	
Shooting ports	11 in crew compartment + 2 in driver's compartment.
ECM System	GEW Technologies ECM system.

\* Specifications are subject to change without notice

\* Errors and omissions excluded