



OTT Technologies



# PROTECTOR M22 Light Modular Armoured Vehicle (LMAV)

- **Commercially available components**
- **Multi-role capability**
- **Low maintenance cost**

2 + 2 Seating + 5 + 5



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# BASIC SPECIFICATIONS

## M22 4x2 LIGHT MODULAR ARMoured VEHICLE (LMAV))

Specifications are subject to change without prior notice

### ENGINE

Type	Hino NO4C - VB Turbo inter cooled
Configuration	4 Cylinder in line
Displacement	4009 cc
Max Power	110 kW (145 hp) @ 2 800 rpm
Max Torque	420 Nm @ 1 400 rpm
Fuel Type	Diesel

### TRANSMISSION

Type	MYY6S synchromesh
No of gears	6 forward, 1 reverse

### STEERING

Type	Hydraulic power assisted
Right Hand Drive configuration	Left Hand Drive optional

### BRAKES

Service brakes	Hydraulic vacuum assist drum brakes with ABS
Park brake	Mechanical on transmission output shaft
Auxiliary brake	Engine exhaust brake

### SUSPENSION

Type	Beam axle with multi leaf springs
Configuration	Semi-elliptic

### WHEELS AND TYRES

Tyres size	7.50 x 1600 14 Ply rating
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### CONFIGURATION

Seating	Driver, co-driver plus up to 12 passengers depending on configuration
Models	Personnel in transit, Ambulance, Command and control

### STANDARD FITMENT

Air conditioner	High capacity
Defence ports	Front, sides and rear of vehicle
Seat belts	Fitted to all seats

### ELECTRICAL SYSTEM

24 Volt

### DIMENSIONS & FUEL CAPACITY

Overall length/width/height	5 154mm / 1 998mm / 2 367mm
Track: Front/Rear	1655mm / 1590mm
Wheelbase	2 600mm
Ground clearance (min)	185 mm
Turning radius	5,05m (curb to curb)
Fuel capacity	100 litres

### VEHICLE MASS

Tare	5 880 kg
Gross vehicle mass (GVM)	8 500 kg
Payload	2 620 kg

### PERFORMANCE

Max speed	110 km/h
Sustained road speed	100 km/h
Fuel autonomy	> 600 km

### ARMOUR

Front, rear, sides windows

### OPTIONS

- Integration of communication equipment
- Electronic interlocking systems
- Integration of customer specific requirements

Errors and omissions excluded



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Protector M22TL(APC) Iss:1 / 2017 English