# RG32M

# MINE HARDENED ARMOURED PATROL VEHICLE



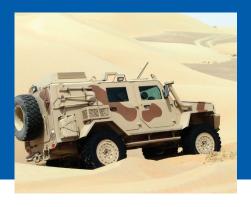
# DENEL OMC

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**DENEL VEHICLE SYSTEMS** 







The versatile RG32M family of armoured utility vehicles is capable of fulfilling most roles that require a balance of protection and mobility.

The RG32M fulfils a wide spectrum of command, liaison and scouting roles. In a typical patrol mode, it can transport five crew members with their kit, combat stores and special-purpose equipment. A full armoured body variant, which seats up to seven crew, is also available. This includes additional rear protection extended over the rear axle.

Access and egress is through side doors and roof-mounted hatches. Armoured windows provide excellent visibility. High levels of tactical mobility are achieved through powerful 135 kW engine, 5-speed automatic transmission and portal axles. Two RG32Ms can be transported in a C-130 aircraft.

Crew and vehicle survivability is achieved through applied systems engineering techniques and by utilising unrivalled knowledge base gained from vehicle operations in Africa, Asia, Middle-East and Balkans, in addition to rigorous and systematic field-testing in South Africa, the UK, Sweden and the Middle-East.

#### **Dimensions**

Length (to rear of spare wheel	) 5,330 mm
Width (across tyre outside)	2,175 mm
Height (to top of roof)	2,180 mm
Wheelbase	2,900 mm
Ground clearance (under diff	) 430 mm
Angle of approach	53°
Angle of departure	33°
Mass	
Gross Vehicle Mass (GVM)	9,500 kg
Tare * Depending on options fitted	7,500 kg*
Seating	
Qty Driver + 4 /	'*Driver + 4 + 2
Performance	
Maximum speed (road)	>110 km/h
Gradeability	60% low-range
Turning circle (kerb to kerb)	17 m

## **Protection Levels**

Ballistic protection  $7.62 \times 51$  mm NATO ball  $5.56 \times 45$  mm SS109 NATO ball  $7.62 \times 51$  mm AP with appliqué armour

Mine protection	DM31 fragment mine
Engine	

MakeSteyr M16TCA turbocharged intercooled

Maximum power (DIN)\*135 kW @ 3,800 rpm

Maximum torque (DIN) 406 Nm @ 1,800 rpm

\* Different power settings available on request

#### Transmission

Make	Allison \$1000
Туре	5-speed automatic
Transfer Cas	е
Make	Atlas
Type 2-	-speed gear drive (shift on the fly)
Steering Syst	em
Туре	Hydraulically assisted
Axles	
Front	Portal axle with selectable diff lock and CTIS-ready
Rear	Portal axle with selectable diff lock and CTIS-ready
Suspension	
Springs	Coil springs, longitudinal arms and panhard rods
Shock absorb	pers Double-acting hydraulic
Brakes	
Service brake	Dual circuit hydraulic with 4-circuit ABS disc front and rear

## Road Wheels and Tyres (standard)

Rim type	11.0 x 20" split rim
Tyre size	335/80 R20

Spring-applied, pneumatic-release, disc brake

operated on rear axle input pinion

#### **Options Available**

- C41 Interfaces

Parking brake

- Central Tyre Inflation System

#### Disclaime

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