

# 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	7,500 kg*
* Depending on options fitted	

#### Seating

Qty	Driver + 4 / *Driver + 4 + 2
* Depending on options fitted	

#### Performance

Maximum speed (road)	> 110 km/h
Gradeability	60% low-range
Turning circle (kerb to kerb)	17 m

#### Protection Levels

Ballistic protection	7.62 x 51 mm NATO ball 5.56 x 45 mm SS109 NATO ball 7.62 x 51 mm AP with appliqué armour
Mine protection	DM31 fragment mine

#### Engine

Make	Steyr 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 S1000
Type	5-speed automatic

#### Transfer Case

Make	Atlas
Type	2-speed gear drive (shift on the fly)

#### Steering System

Type	Hydraulically assisted
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#### 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 absorbers	Double-acting hydraulic

#### Brakes

Service brake	Dual circuit hydraulic with 4-circuit ABS disc front and rear
Parking brake	Spring-applied, pneumatic-release, disc brake operated on rear axle input pinion

#### Road Wheels and Tyres (standard)

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

#### Options Available

- C41 Interfaces
- Central Tyre Inflation System

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