

RG32M LTV

MINE PROTECTED LIGHT TACTICAL VEHICLE



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DENEL VEHICLE SYSTEMS



The RG32M LTV is an enhanced mine protected variant of the successful RG32M Patrol Vehicle, that provides even better crew safety and blast survivability.

The latest variant incorporates a V-shaped hull that protects the crew against Armour-Piercing (AP) rifle fire and Anti-Tank (AT) mine detonations.

The RG32M LTV has a Gross Vehicle Mass (GVM) of only 9.5 tons, classifying it as a light mine protected patrol vehicle that is highly mobile and agile.

The Light Tactical Vehicle (LTV) configuration offers more internal crew space than the conventional RG32M, due to its 200 mm wider hull and 50 mm increased headroom. Windows are externally mounted, providing improved side-blast protection, while also freeing up space inside the cabin. It also features a newly designed load bay, accommodating a variety of mission-specific equipment, and enhancing the vehicle's versatility.

With its high level of COTS (commercial-off-the-shelf) content, the RG32M LTV provides a cost effective through-life solution, with a minimal logistics footprint and the ability to be reconfigured with customer-required mission equipment.

Dimensions

Length	6,000 mm (front of winch to rear of spare wheel)
Width (across tyre outside)	2,235 mm
Height (to top of roof)	2,190 mm
Wheelbase	3,340 mm
Ground clearance (under diff)	430 mm
Angle of approach	42°
Angle of departure	30°

Mass

Gross Vehicle Mass (GVM)	9,500 kg
Tare	8,300 kg*
* Depending on options fitted	

Seating

Qty	Driver, commander + 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	STANAG LEVEL 1 - Base vehicle 7.62x39mm API - with applique armour
Mine protection	6 kg TNT under any wheel or under the hull centreline

Engine

Make	Steyr M16SCI turbocharged intercooled
Maximum power (DIN)	200 kW @ 4,000 rpm
Maximum torque (DIN)	610 Nm @ 1,800 rpm

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

- EMC approved electrical system
- Over pressure NBC system
- Climate control system for Middle-East
- Central tyre inflation system
- Different weapon systems
- C4i interfaces
- Cargo pod can be customised

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