

# RG PROTECTOR

Mine Protected Armoured Personnel Carrier



**BAE SYSTEMS**

REAL PROTECTION. REAL ADVANTAGE.



### The development of the RG Protector is based on the successful proven Casspir heritage.

The RG Protector has open architecture and is offered in several variants based on a 6x6 and 4x4 model. The vehicle can accommodate up to 18 people in the 6x6 version. The straight forward utilisation of a total commercial drive train ensures affordability.

#### Main features:

- Proven and reliable. The vehicle's design incorporates the best practices of the battle-proven Casspir.
- The monocoque V-shaped hull is fitted to the chassis, contributing to the vehicle's superior mine/blast protection.
- It's built on affordable COTS (commercial-off-the-shelf) building blocks.
- Easy maintenance and worldwide support from BAE Systems and the chosen COTS partner.
- The rugged and robust design is suitable for Africa's harsh conditions.
- Larger rear doors ensures easy access and egress.

#### Dimensions

Length	7,590 mm
Width	2,670 mm
Height (hull)	2,955 mm
Ground clearance	380 mm
Angle of approach	34°
Angle of departure	27°

#### Mass

Tare	12,520 kg
Payload	1,800 kg
GVM	14,320 kg
Seating	Driver + 17

#### Performance

Maximum speed	80 km/h
Gradeability	60%
Turning circle (kerb to kerb)	22 m

#### Electrical System

Voltage	24V DC
Alternator	1 x 110 A

#### Protection Levels

Ballistic protection	Protected crew compartment & part of engine bay
Landmine protection	Protected crew compartment & part of engine bay

#### Engine

Make	Ural
Model	YAMZ 236 HE2
Displacement	11,500 cm <sup>3</sup>
Maximum power (DIN)	169 kW@ 2,100 rpm
Maximum torque (DIN)	883 Nm@ 1,200 rpm

#### Transmission

Make	Ural YAMC-236U
Type	5-speed manual

#### Transfer Box

Make	Ural
Gear ratios	High 1.21:1 Low 2.15:1

#### Steering System

Type	Power steering with adjustable steering wheel provided with steering lock
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#### Axles

Make	Ural
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#### Suspension

Springs	Leaf springs mounting with cushion stops
Shock absorbers	Double acting

#### Brakes

Main brake systems	Dual circuit full air over hydraulic brake system
Parking brake	Spring actuation on propeller shaft

#### Road Wheels and Tyres

Rim type	514-401
Tyres	425X85R21
RFI fitted	No

#### Options

- Night vision
- Digirack radio fitment
- Run flat system
- Rear view and situational awareness cameras

### FOR MORE INFORMATION CONTACT:

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09.11.J5394.PAPRIKA