

RG Outrider



RG Outrider

Based on the most versatile armored utility vehicles in production today, the RG Outrider is able to fulfill most roles demanding high levels of payload or capacity together with demanding crew survivability.

The latest variant has a V-shaped hull that protects the crew against armor piercing (AP) rifle fire and anti-tank mine detonations. Although the vehicle is a fully fledged light armored vehicle it sacrifices none of the mobility, agility and ground clearance of its predecessor.

The RG Outrider has a gross vehicle mass (GVMR) of only 9.5 tons, classifying it as a light mine protected patrol vehicle. The configuration offers more internal crew space, due to 200 mm (8 in) wider hull and 50 mm (2 in) increased head space. Windows are externally mounted providing

improved side-blast protection while also freeing up space inside the cabin. Other features are an improved 2-ton payload capability and a newly designed load bay which can accommodate a variety of mission-specific equipment, increasing its versatility. The vehicle can also be easily fitted with mission-specific communications and weapons systems, making it a highly tactical vehicle capable of operating in most climates and environmental conditions.

With its high commercial off the shelf (COTS) content the RG Outrider provides a cost effective through-life solution with a

minimal logistics footprint and the ability to be re-configured with customer required mission equipment.





Specifications

OPERATIONAL CRITERIA

Dimensions

Length (front of winch to rear of spare wheel)	6,000 mm (240 in)
Width (across tire outside)	2,205 mm (88 in)
Height (to top of roof)	2,190 mm (87.6 in)
Wheelbase	3,340 mm (133.6 in)
Ground clearance (under differential)	430 mm (17.2 in)
Angle of Approach	42°
Angle of Departure	30°

Mass

GVMR	9,500 kg (19,800 lbs)
Curb weight	7,600 kg (16,720 lbs)
Seating	Driver, Commander + 2

Performance

Maximum speed (road)	> 120 km/h (75 mph)
Max grade	60%
Side slope	30%
Turning circle (Curb to Curb)	17 m (56.6 ft)

Protection Levels

Ballistic protection	7,62 x 39 mm AP (STANAG 4569A Level 2)
Mine protection	Under wheel
	Under center
IED protection	Exceptional

Engine

Make	Steyr M16SCI Turbo charged intercooled
Maximum power (DIN)	200 kW (272 HP) @ 4,000 rpm
Maximum torque (DIN)	610 Nm (451 ft-lbs) @ 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
------	------------------------

Axles

Front & 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 ABS disc front and rear
Parking brake	Spring applied, pneumatic release

Wheels and Tires (standard)

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

FOR MORE INFORMATION CONTACT:

BAE Systems
Global Tactical Systems
Business Development
16285 Park Ten Place
Suite 600
Houston, TX 77084
Telephone +1 281 616 6104
Toll Free +1 800 221 3688
Email sales.mhv@baesystems.com
www.baesystems.com

Disclaimer and copyright

This document gives only a general description of products and services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or conditions of supply.

© BAE Systems 2010 unpublished, copyright
BAE Systems all rights reserved. Proprietary: no
use, disclosure or reproduction without the written
permission of BAE Systems.