

RG41

Wheeled armoured combat vehicle





RG41 is a new generation combat vehicle, that meets demanding mobility, protection and firepower requirements, with the emphasis on combat power.

The RG41 has a high payload capacity, a class-leading turning circle, good power-to-weight ratio and a unique hull design.

RG41 is designed as an affordable and highly-mobile, wheeled combat vehicle, suitable for modern warfare.

Key features include:

- A modular, field-repairable mine protected design
- High mobility with good ride comfort
- Best value for money in comparison to existing similar products
- ITAR free design comprising mainly of COTS components
- High payload capacity (11 tonnes)

High mobility is achieved through the inclusion of a specifically adapted hydro-pneumatic suspension.

Dimensions	
Length	7,780 mm
Width (hull)	2,800 mm
Height (hull)	2,357 mm
Height (turret interface)	227/ mm
Hump radius	900 mm
Wheelbase	1,693 mm (1st – 2nd axles) 2,257 mm (2nd – 3rd axles) 1,550 mm (3rd – 4th axles)
Ground clearance	440 mm
Angle of approach	75°
Angle of departure	54°
Mass	
Tare	19,000 kg
Payload	11,000 kg
GVM	30,000 kg
Seating	
Qty	11 (1 x driver, 1 x vehicle commander, 1 x gunner, 1 x section commander & 7 x section crew)
*For conventional turret layout	
Safety belt	4 point harness
Performance	
Maximum speed	100 km/h
Gradeability	60%
Turning circle (kerb to kerb)	19 m
Electrical System	
Voltage	24 v
Alternator	3 x 200 A
Protection Levels	
Ballistic protection	Dependent on client requirements
Mine and IED protection	Dependent on client requirements

Engine	
Make	Deutz
Model	2015TCD V6
Displacement	12 l
Maximum power (DIN)	390 kW@ 2,100 rpm
Maximum torque (DIN)	2,130 Nm@ 1,300 rpm
Transmission	
Make	ZF5HP902
Type	5-speed with integral 2-speed drop-down
Transfer Box	
Make	2-Speed Gear Ratio
Type	17,000 series
Steering System	
Type	Twin steer, power-assisted, fully-integral system
Wheel Heads	
Make	AxleTech
Suspension	
Type	Independent
Springs	Hydro-pneumatic strut
Shock absorbers	Hydraulic
Brakes	
Main brake systems	With integral shock absorber Pneumatic disk brakes with ABS
Parking brake	Spring activated, air release disc brakes on all 4 rear wheels
Road Wheels and Tyres	
Rim type	10.00R20 Aluminium
Tyres	16.00R20 Michelin XZL
RFI	Fitted (100 km range @ 50 km/h)

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