



CARACAL

AIR ASSAULT VEHICLE

COTS meets military capability

The Mercedes-Benz G-Class, introduced worldwide in 1979 and continuously developed ever since, with its new W464 chassis, meets the modular, robust and lightweight body concept. Rheinmetall combines Mercedes-Benz's many years of engineering expertise with the newly designed superstructure. Highly mobile and agile, the new chassis can be used by military users on any terrain.

Unlimited modularity

In future, the Caracal will be available in over 28 different variants as a 4x4 and 6x6 platform. It covers all conceivable deployment scenarios for reconnaissance and airborne troops as well as reconnaissance and special forces. The payload of 1,200 kg, combined with the modular rail system of the superstructure, offers military users maximum flexibility to adapt the Caracal to the mission.

Use worldwide at any time

The compact vehicle design allows up to two vehicles to be transported compatible with the latest CH-47F Chinook (1 internal, 1 external load) and one vehicle as internal or external load with latest CH-53K King Stallion helicopters.

Simple and robust

The basic operability of the civilian Mercedes-Benz G-Class remains unchanged, thus facilitating the training of soldiers. The chassis can be optionally equipped with ballistic components and mine protection components in accordance with STANAG 4569.

KEY CHARACTERISTICS

- Lightweight and modular superstructure
- Air transportable (internal and external load)
- Integration of standard infantry weapons and ATGM weapons on ring mounts
- Full life cycle support for over 20 years by Rheinmetall
- Easy operability and maintenance

TECHNICAL DATA

Dimensions

Length (basic vehicle)	4,706 mm
Width	1,890 mm
Height	1,818 mm

Weights

Vehicle weight	3,700 kg
Payload capacity	Up to 1,200 kg
Weight air transport	Up to 4,900 kg (CH-47F/CH-53K)

Performance

Max. road speed	130 km/h
Slope angle	60%
Lateral slope angle	30%
Wading depth	700 mm
Climbing ability	330 mm
Trench crossing	500 mm

Engine

Manufacturer	Mercedes-Benz
Kind	6-cylinder diesel engine/EURO3
Performance	249 PS
Torque	600 Nm

Air transport

Aircraft CH-47F	1 vehicle internal load, 1 vehicle external load
Aircraft CH-53K	1 vehicle internal or external load
Aircraft	Air-portable with Boeing C-17, Lockheed Martin C-130, Embraer KC-390, Airbus A400M

Variants

Variant 1	Passenger transport vehicle with different roles
Variant 2	Ambulance vehicle
Variant 3	Group transport vehicle 6x6
Variant 4	Material transport vehicle 6x6

Protection

Ballistic protection	STANAG 4569; AEP-55 Vol.1 (Level 1 incl. FSP)
Mine protection	STANAG 4569; AEP-55 Vol.2 (Level 1 DM31)

