



AIR ASSAULT

CARACAL AIR ASSAULT VEHICLE

The brand new CARACAL is Rheinmetall's answer to the upcoming airborne vehicle requirements in Germany, The Netherlands and various armies around the world.

Based on the latest militarized and series-proven G-Class chassis, the CARACAL enables a wide array of capabilities covering the full airborne operational spectrum. The compact vehicle design allows air-transportability as internal load or as underslung transport matching with the latest CH-47F Chinook and CH-53K King Stallion helicopters and comes with highest mobility, a lightweight superstructure and optionally mountable ballistic protection elements.

Its unique modular design allows CARACAL to serve in airborne operations in various roles ranging from simple troop transport, via ambulance applications to combat engineer groups and different logistic applications.

KEY CHARACTERISTICS

- Exclusive cooperation between Rheinmetall, Mercedes-Benz and ACS
- Latest generation military-of-the-shelf G-Class chassis by Mercedes-Benz
- Lightweight and modular superstructure by ACS
- Transport of up to two vehicles inside heavy transport helicopters CH-47F and CH-53K
- Air transportability as underslung load
- Integration of standard infantry weapons and ATGM weapons on ring mount
- Large scale series production availability from 2024 onwards
- Full life cycle support over 20 years by Rheinmetall

TECHNICAL DATA

Dimensions

Length	4,350/4,700 mm
Width	1,810 mm
Height	1,850 mm

Weight

Gross vehicle weight	4,900 kg
Air transportable weight	≤4,400 kg
Payload	up to 2,000 kg

Performance

Maximum speed on road	130 km/h
Gradient	60%
Side slope	30%
Fording depth	700 mm
Climbing ability	330 mm
Trench crossing	500 mm
ABS and ESP	

Power pack

Mercedes-Benz	
6-cylinder Diesel engine (EURO III)	
Engine output	183 kW (249 hp)
Engine torque	600 Nm @ 1,400 – 2,800 rpm
Transmission Mercedes-Benz NAG3 9G-tronic	

Air transportability

Up to two vehicles inside HTH CH-47F and CH-53K or underslung

Variants

Personnel transport (half group/group)

Reconnaissance

Ambulance

Command post

Combat engineer group/Material transport

Protection (optional)

Ballistic protection kit

Mine protection kit

