

Armoured Personnel Carrier

The mission changes – so does Boxer



The APC variant of BOXER is a true mother ship for soldiers with multiple functions for the infantry and interfaces for network enabled warfare. The integral growth potential allows adaptation to future emerging military roles, or changing requirements without degrading the mobility performances. In a first batch the German Army ordered 125 BOXER vehicles in the APC variant.



The current APC variant supports leading edge communication systems e.g. IdZ (infantry soldier of the future) of the German Army. In which the APC provides interfaces to each soldier for updating navigational and tactical information as well as power outlets for charging the personnel electronic equipment. The mission module contains state-of-the art C3I architecture to integrate the BOXER APC variant in modern battlefield scenarios.



The APC can transport up to 8 dismounts, besides driver, commander and gunner.

The increased demand for protection against multiple threats in theatre is reflected in an integrated protection system already in a basic configuration of the APC, such as

- Mine protection (AT blast, AP)
- 360° ballistic protection up to 14.5 mm also at 30° elevation
- Protection against bomblets and artillery fragments

Mobility is not degraded with further up-armouring.



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Product data

Key figures

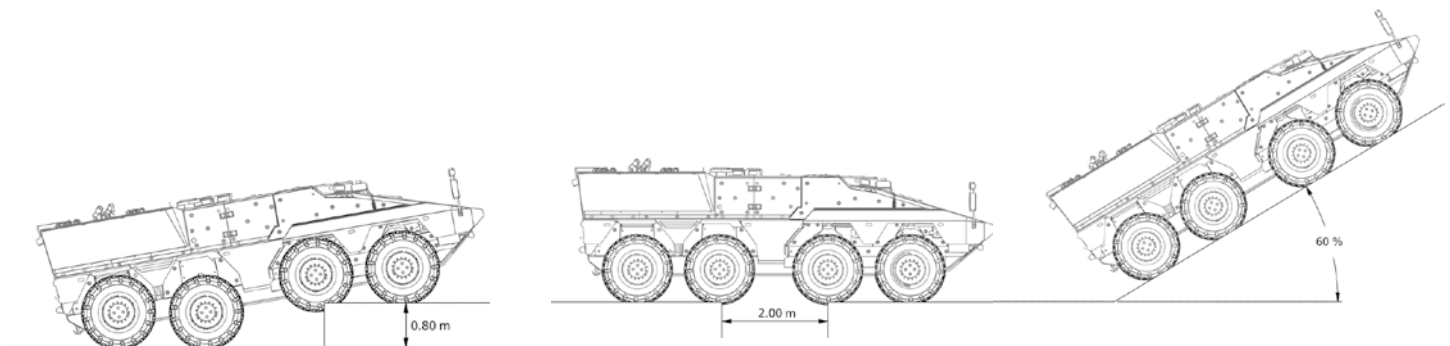
Maximum speed	103 km/h
Minimum speed	3 km/h
Engine capacity (ISO)	530 kW (720 hp)
Range	1,050 km
Max. straight gradient	60%
Max. slope gradient	30%
Trench crossing	2.0 m
Step climbing ability	0.8 m
Turning circle (skid steering)	15 m
Length	7.93 m
Width	2.99 m
Height (hull roof)	2.37 m
Ground clearance	0.50 m
Track	2.58 m
Protected volume	14 m ³

Characteristics

Crew: 3+8 (1 driver, 1 commander, 1 weapon operator, 8 soldiers)
Speech/data transfer from every seat to BMS
3 hatches for "show of force"
Air Condition and NBC-protection systems
Fire extinguishing system (engine compartment)

Exemplary Options

Navigation system
Smoke-grenade launching system
Rear view camera
Fire extinguishing system (Mission Module)
Different protection kits
Remote controlled weapon station
5 hatches for "show of force"
Crew seats with airbags



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