

Ambulance

The mission changes – so does BOXER



BOXER Ambulance (AMB) provides the basis for preclinical treatment, as the first link in the medical emergency rescue chain according to the Tactical Combat Casualty Care (TCCC) principles, with maximum protection and optimal mobility for modern battlefield scenarios.

Protected medical support on today's battlefields gains importance as the special status of ambulance vehicles can no longer be taken for granted.

Two variants are available, one focusing on transport, the other on transport and treatment of casualties.

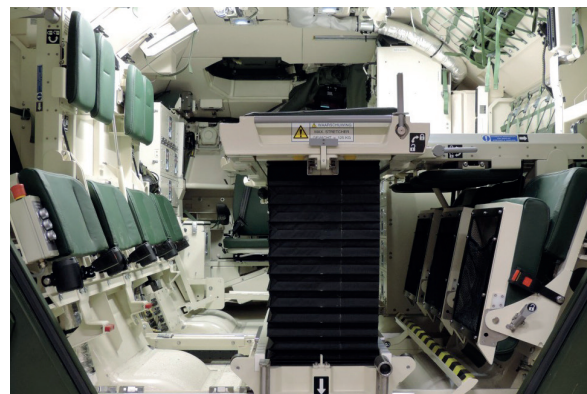
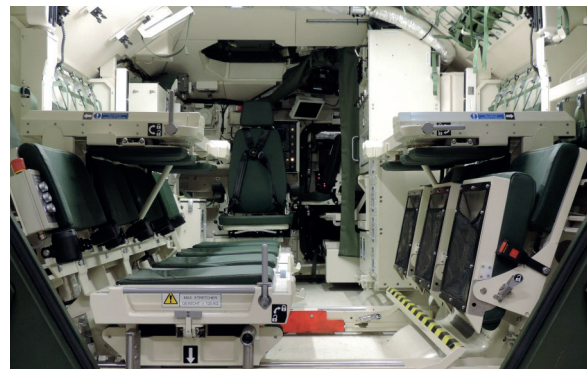
BOXER AMB vehicles are designed with a higher roof of the Mission Module and thereby provide:

- Headroom of 1.85 m for optimal treatment,
- 17.5 m³ protected volume and
- sufficient space and possibilities to treat casualties.

For the interior layout, several designs are possible. Flexible stretcher and seat arrangements are a standard feature and can be changed quickly by the crew with no tools necessary.

BOXER AMB variants provide a wide range of flexibility of the number of casualties able to be carried and dependent on their level of injury. Thanks to its extensive medical equipment, it is possible to provide the right treatment during a mission in most circumstances.

The BOXER AMB protection has not been compromised, with all AMB layouts providing the same level of protection as the other variants. Therefore BOXER AMB is currently one of the best protected 8x8 ambulance vehicles available.



Ambulance

Product data

Key figures

Maximum speed	> 100 km/h
Engine capacity (ISO)	up to 600 kW (816 hp)
Engine type	MTU V8 199TE20/21
Range	> 1,000 km
Electrical system	24 V DC, up to 540 A
Max. gross vehicle weight	up to 38.5 t
Max. straight gradient	60 %
Max. slope gradient	30 %
Trench crossing	2.00 m
Step climbing ability	0.80 m
Turning radius	7.50 m (skid steering)
Length	8.31 m
Width	2.99 m
Height (hull roof)	2.93 m
Ground clearance	0.50 m
Protected volume	17.5 m ³

Exemplary Options

- Modular protection kits (ballistic, bomblets, IEDs, mine, RPG)
- Active Protection System
- 360° Situational Awareness System
- Electronic Countermeasure (ECM)
- Remote Controlled Weapon Station for self defence
- Laser Warning System
- Optronic sight system for commander to avoid opening of hatch
- Multispectral Drivers Assistance System for day and night
- Optronic sight system with thermal imager and further daylight cameras for the commander

Characteristics

Crew	3 (driver, commander/doctor, medic)
Headroom	1.85 m
Capacity	7 seated casualties or 3 stretcher casualties or 2 stretcher and 3 seated casualties or 1 stretcher and 4 seated casualties or 1 stretcher casualty accessible from both sides and above for intensive care
Air conditioning and NBC-protection systems	
Fire extinguishing system in engine compartment and fire suppression system in crew compartment	
Intensive medical treatment and combat first responder equipment	

ARTEC

ARTEC GmbH

Krauss-Maffei-Strasse 11 · 80997 Munich · Germany
Tel. +49 89 892130-0 · Fax +49 89 892130-17
mail: info@artec-muc.de · www.artec-boxer.com

ARTEC GmbH is a joint venture of
KNDS Deutschland and
Rheinmetall Landsysteme.