

Recovery

The mission changes – so does BOXER



BOXER Recovery (RECOV) combines the capabilities of modern recovery systems with the unique protection and mobility of the wheeled armoured vehicle BOXER. Highest levels of mobility and protection are the prerequisites for enforcement in high-intense conflicts and ensure flexibility for future military requirements and scenarios.

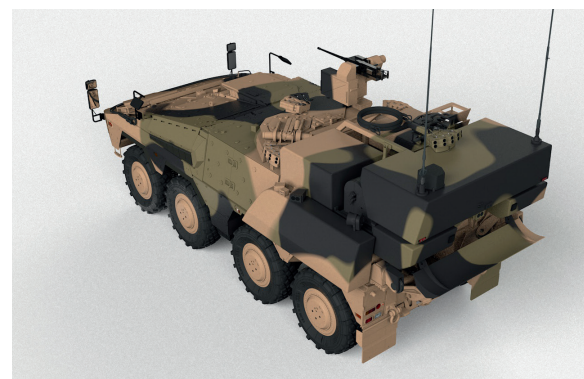
BOXER RECOV features a new Mission Module approach that significantly differs from the existing hull architecture. The new concept is specifically designed to improve access to stowage, which is a key operational aspect of a recovery variant. The crew of 3 is highly protected in the crew cabin in the front section. The utility equipment compartment is placed in the rear section and has no ballistic protection. This allows for a significant mass reduction.

BOXER RECOV provides state of the art capabilities for recovery activities under combat scenarios and is equipped with:

- a hydraulic power unit (4 cylinder diesel engine),
- a hydraulic driven earth anchor system and
- two hydraulic driven 15t winches with 150m wire ropes mounted at the rear.

Equipped with the latest C4I architecture, existing Battle Management Systems can be fully integrated into the vehicle. BOXER RECOV can be operated in challenging Army Operations under all climatic conditions.

In addition to high flexibility and mobility BOXER RECOV provides its crew with extraordinary survivability and superior protection against mines (AT, AP), IEDs, highest ballistic threats (incl. artillery fragments), NBC threats and detection (radar, noise, solar loading).



Recovery

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	> 700 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	0.70 m
Turning radius	7.50 m (skid steering)
Length	8.70 m
Width	2.99 m
Height (hull roof)	2.38 m
Ground clearance	0.50 m
Protected volume	> 7.5 m ³
Equipment compartment	4.1 m ³ (not protected)

Characteristics	
Crew	3 (driver, commander, gunner/recovery specialist)
Air conditioning and NBC-protection systems	
Fire extinguishing system in engine compartment and fire suppression system in crew compartment	
Special recovery equipment	
Hydraulic Power Unit	
Two heavy recovery winch systems	
Multispectral Drivers Assistance System for day and night	

Exemplary Options	
Remote Controlled Weapon Station	
Rheinmetall ROSY vehicle obscuration system	
Modular protection kits (ballistic, IEDs, mine)	
360° Situational Awareness System	
Counter IED	
Laser Warning System	
Acoustic Shot Detection System	
Mobile Camouflage System	

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.