

BOXER RCT30

Firepower – Modularity – Mobility

KNDS



/ The most advanced 8x8 wheeled armored personnel carrier in the world

Superior firepower and outstanding mobility are essential to asserting oneself in high-intensity conflicts and offers the possibility for situation-specific escalation and de-escalation in all other deployment scenarios. In the BOXER RCT30, this assertiveness – combined with unique sustainability – is achieved by the firepower of the PUMA in combination with the high mobility and the high protection level of the BOXER.

The fully-stabilized, state-of-the-art remote-controlled turret with cutting-edge optical and optronic visibility allows the entire crew 360° all-round observation, detection and identification of long range targets. The stabilised 30mm machine cannon is able to accurately engage moving targets, even when driving. For the first time it is possible to fight aerial drones and drone swarms on the move while they are being detected, identified and tracked.

Two different types of ammunition types in the turret enable a mission-based firefight at the push of a button. With the latest C4I architecture, the BOXER RCT30 can be fully integrated into the existing battlefield management system and enables bidirectional updating of all tactical relevant information through all command levels down to the individual infantry soldier with various interface functions for a networked command.

The modular design of the BOXER allows the flexible adaptation to future military tasks or changing requirements thanks to its uniform driving module and a large number of specific, rapidly interchangeable mission modules. In addition to high flexibility and mobility, the BOXER RCT30 provides its crew with exceptional survivability and superior protection from mines, IEDs and ballistic threats. BOXER is marketed by ARTEC GmbH and is a joint venture between KNDS and Rheinmetall.



Firepower

- Fully-stabilized MK30-2 / 30mm ABM automatic weapon system
- Combat distance: up to 3,000 m
- Azimuthal aiming angle: n x 360°
- Aiming angle in elevation: -10° bis +45°
- Rate: 200 rounds per minute
- Fire two types of ammunition in succession via two separate ammunition feeders and automatic two-belt feed system
- Hunter-Killer-Functionality
- Coaxial MG
- Multiple-role lightweight guided missile system SPIKE LR, can optionally be fired on the move

Power

- Excellent firepower like the PUMA
- Excellent vehicle mobility like the BOXER
- High survivability like the BOXER
- High reconnaissance and combat range
- Effective combat against ground targets and low-altitude aerial targets
- Effective Softkill Protection System (MUSS)
- Maximum logistic parity >> 90% to the PUMA in the operational system, in training, spare parts and special tools
- Use of qualified and proven technologies from the PUMA and BOXER



/ Technical Data:

Maximum speed	> 100 km/h (road)
Engine performance	up to 600 kW (815 hp)
Range	> 750 km (road)
Max. straight gradient	60 %
Max. slope gradient	30 %
Trench crossing	2.0 m
Step climbing ability	0.8 m
Turning radius	21 m (skid steering 15 m)
Dimensions LxWxH	7.9 m / 2.99 m / 3.5 m
Combat weight	38.5 t
Ground clearance	0.50 m
Track gauge	2.6 m
Crew compartment	14 m³
Number of crew	2 + 1 + 6/7 (driver & weapons systems officer, commander , 6/7 infantry soldiers)
Basic protection	Armor and anti-personnel mines, all-round heavy machine guns and artillery shrapnel
Additional protection	Medium-calibre, bomblets

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