

Infantry Fighting Vehicle RCT 30

The mission changes – so does BOXER



The Infantry Fighting Vehicle (IFV) variant of BOXER with the remote controlled turret RCT 30 represents one of the most modern wheeled IFV's. It combines BOXER's inherent high level of protection, the unique mobility and the latest remote controlled turret technology. This IFV variant represents state-of-the-art capabilities to face current and future challenges.

BOXER IFV RCT 30 is equipped with the same turret as being operated by the German Army in the tracked IFV PUMA. It is operated by a crew of 3 and can carry up to 8 dismounts.

The turret provides a hunter-killer capability, which is fairly unique in a medium calibre turret. Due to its optical and optotronic view means, 360°-observation, -spotting and even -identifying targets at long distances is possible. The stabilized automatic cannon allows for the pinpoint defeat of moving objects even while driving over rough terrain.

Sufficient firepower is provided by a flexible weapons suite:

- Stabilized 30 mm MK-2 machine cannon with air burst capability (also suitable for other types and calibres),
- 7.62 mm x 51 mm coaxial machine gun,
- integrated fully digital stabilized fire control system supporting all integrated armament,
- best protection of the crew (reload under armour), best overview (closed and open hatch operations).

In addition to its underlying performance, BOXER IFV RCT 30 provides its crew with extraordinary survivability and protection against mines (AT, AT), IEDs, corresponding ballistic threats (incl. artillery fragments), NBC threats and detection (radar, noise, solar loading) in addition to its superior firepower.



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Product data

Key figures

Maximum speed	> 100 km/h
Engine capacity (ISO)	up to 600 kW
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	2.0 m
Step climbing ability	0.8 m
Turning radius	7.5 m (skid steering)
Length	7.93 m
Width	2.99 m
Height (turret roof)	3.51 m
Ground clearance	0.5 m
Protected volume	14 m ³

Characteristics

Crew	3 + 8 (driver, commander, gunner, up to 8 dismounts)
Main armament	Stabilized MK30-2/ABM (Air Burst Munition, 35 mm possible)
Elevation	-10° up to +45°
Azimuth	n x 360°
Max. effective range	up to 3,000 m
Rate of fire	up to 200 rounds per minute
Ammunition	30 mm x 173 mm (dual feed automatic)
Secondary armament	7.62 mm x 51 mm MG3 coaxial machine gun
Air conditioning and NBC-protection systems	
Fire extinguishing (engine) and suppression system (Mission Module)	

Exemplary Options

Modular protection kits (ballistic, bomblets, IEDs, mine)
Active Protection System
360° Situational Awareness System (incl. support functions e.g. Automatic Target Recognition and Target Tracking)
Identification Friend or Foe
ECM/Jammer
Laser Warning System
Anti-Tank Guided Missile Launcher SPIKE LR or Javelin
Additional Remote Controlled Weapon Station

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