



BOXER LANCE

INFANTRY FIGHTING VEHICLE

The Boxer Lance is a modern, armoured 8x8 vehicle used by armies around the world. It offers improved protection for the crew and combines a high level of firepower and mobility. The Boxer Lance is equipped with a manned Lance 2 turret system including an effective 30 mm MK30-2/ABM with anti-tank capabilities and secondary armament. The modular turret technology complements the modular basic concept of the vehicle. The Boxer Lance offers flexible configurations to meet the requirements of different troop types, e.g. as a heavy infantry weapon carrier or as a wheeled infantry fighting vehicle with group dismount capability.

Technical superiority – The Boxer Lance is equipped with state-of-the-art weapon systems, sensors and optronics. The proven 30 mm MK30-2/ABM main weapon offers high accuracy and highly effective firepower against air and ground targets at ranges of up to 3,000 m. The integrated ATGM gives the system superior anti-armour capabilities.

Robustness – The vehicle is designed to maintain crew and system operational capability thanks to a multi-layer protective structure that separates the crew from weapons and ammunition. In addition, the turret operators can reload the main and secondary coaxial weapon under armour. The combined manual/electric backup mode allows the Lance 2 turret to be controlled even if the primary power source fails.

Logistical supply capability – There is sufficient storage space inside and outside for the necessary equipment and ammunition. The turret is suitable for 30 mm, 7.62 mm and 12.7 mm NATO standard ammunition. A total of more than 400 Lance 2 systems will be in service with various user nations (e.g. Australia, Hungary and Germany). These systems are logistically identical, ensuring constant availability of spare parts.

Scalability – The Boxer Lance has extensive growth potential thanks to its GVA core structure. This allows for easy integration of new mission systems and effectors such as C-UAV radar reconnaissance, loitering munitions and AI-assisted acceleration of the OODA loop without compromising the basic turret architecture. This is supported by a range of mission-ready data interfaces inside and outside the turret.

KEY CHARACTERISTICS LANCE 2 TURRET SYSTEM

- Effective combat capabilities against ground and air targets
- Multiple configuration options featuring benchmark weapon systems, sensors and sights
- Vast upgrade potential due to GVA-compliant core architecture
- Compatible with tracked and wheeled platforms
- Hunter-killer capability
- Killer-killer capability through MSSA

TECHNICAL DATA

Dimensions & Weight

Length	8.87 m
Width	2.99 m
Height	3.66 m
Vehicle gross weight	39,500 kg

Performance vehicle (Mobility)

Max. road speed	100 km/h
Slope angle	40°
Lateral angle of inclination	30°
Wading depth	1.40 m
Climbing ability	0.70 m
Trench crossing	2.00 m

Performance Lance 2 (Effect)

Primary weapon	Rheinmetall MK30-2/ABM 30 x 173 mm
Primary weapon magazine	252 rounds total; double belt feed
Primary weapon ammunition	APFSDS-T, KETF (Air Burst), Training ammunition
Primary weapon elevation arc	-10° to +45°
Secondary weapon	FN Herstal MAG 58 or other 7.62 x 51 mm
Secondary weapon magazine	625 rounds
ATGM (optional)	Rheinmetall Twin SPIKE LR/LR2 launcher
RCWS (optional)	FN Herstal M2 12.7 x 99 mm (other weapons on demand)
Drives/fire control	Fully stabilized sights and weapons
Targeting sights	Rheinmetall SEOSS2 with 5 km day & infrared range; 6x zoom
Situational awareness system	360° day and infrared range, acoustic platform for vehicles, laser warner
Smoke grenade launcher	Rheinmetall ROSY with 180° coverage, two salvos
Back-up modes	Combined mechanical-electrical-electro optical back-up system
Kind	MTU 8V199 V8 Diesel engine
Performance	600 kW/815 hp
Torque	2700 Nm
Protection	Modular protection; different protection levels possible



* ARTEC BOXER is a joint product of Rheinmetall and KNDS.

OTHER BOXER VARIANTS

(IN ADDITION TO THE VARIANTS EQUIPPED WITH LANCE)

Variant 1	Armoured Personal Carrier (APC)
Variant 2	Command Post (CP- A,B,C,D)
Variant 3	Ambulance
Variant 4	Driver Trainer
Variant 5	Air Defence (SKYRANGER or SHORAD)
Variant 6	Mortar
Variant 7	Repair & Recovery
Variant 8	Cargo Vehicle (NL)/Cargo C2
Variant 9	Tactical Network
Variant 10	VILKAS IFV SAMSON for Lithuania
Variant 11	CRV LAND 400 for Australia
Variant 12	MIV several variants for United Kingdom
Variant 13	IFV with 30 mm turret

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