

► DIVISION VEHICLE SYSTEMS

9. May 2023

Rheinmetall presents the Lynx KF41 Infantry Fighting Vehicle at DEFEA defence exhibition in Greece

From May 9 to 11, 2023, the DEFEA defence exhibition will be held in Athens, Greece. Rheinmetall will present its Lynx KF41 Infantry Fighting Vehicle, a strong contender for the modernization of the mechanized brigades of the Hellenic Armed Forces. The Lynx KF41 is Rheinmetall's answer to the requirements of future battlefields and offers superior capabilities in terms of survivability, lethality, mobility as well as command and control. The Lynx KF41 is one of the most advanced infantry fighting vehicles on the market and is attracting considerable interest worldwide. Hungary is currently the first NATO country introducing Lynx KF41 into service with first deliveries taken place in 2022.

Lynx KF41 - modular, flexible, future-proof

The Lynx KF41 concept comprises a complete family of vehicles consisting of the common drive module and flexible mission modules in numerous variants. This allows each basic vehicle to be configured, for example, as an infantry fighting vehicle, air defence system, command vehicle or medical vehicle. The mission module can be changed between variants throughout the life of the platform. By making the drive module identical, this system significantly reduces lifecycle costs and also allows military users to adapt force structures or develop new capabilities in a short time to react to changes on the battlefield.



Lynx KF41 is characterized by high levels of survivability, mobility and combat power, as well as high growth potential, including in terms of total weight and power consumption.

The Lance 2 turret has powerful sensor systems to fully exploit the capabilities of the associated next-generation 30mm programmable ammunition fired by its main MK30-2/ABM autocannon and the advanced Spike LR2 anti-tank missile system. This allows it to engage both symmetric and asymmetric threats in a situation-adapted manner.

Lynx KF41 and Lance 2 are fully digitized and based on the NATO Generic Vehicle Architecture (NGVA). This integrates the vehicle crew, dismounts and the vehicle itself into the digitized battle management system.

► Keyfacts

- Rheinmetall presents the Lynx KF41 IFV at DEFEA defence exhibition in Greece
- One of the most modern IFVs in the world
- Comprehensive concept for cooperation with the local industry
- Visit us from 9th to 11th May 2023 at the Rheinmetall-Stand in Hall 3 Booth No E2

► Kontakt

Oliver Hoffmann
Leiter Presse- und Öffentlichkeitsarbeit
Rheinmetall AG
Tel.: +49-(0)211 473 4748
oliver.hoffmann@rheinmetall.com

Dr. phil. Jan-Phillipp Weisswange
Referent Öffentlichkeitsarbeit
Rheinmetall AG
Tel.: +49-(0)211 473 4287
jan-phillipp.weisswange@rheinmetall.com

► Social Media

 @Rheinmetallag

 @Rheinmetallag

Improved situational awareness capabilities enable rapid and highly automated target acquisition or target transfer. It also allows integration of multispectral reconnaissance systems, including drones and loitering munitions, for target acquisition and engagement beyond the line of sight.

The Lynx KF41's modular multi-layered protection concept combines passive and active elements. The Lynx KF41 provides its crew with protection against the full threat spectrum, including improvised explosive devices (IEDs), mines, direct and indirect fire, cluster munitions and anti-tank guided weapons. With its high assertiveness and mobility, Lynx KF41 will enable forces to conduct complex military operations across the intensity spectrum in a variety of environments and against a wide range of threats.

With its large interior volume, Lynx KF41 is unmatched in its vehicle class. In addition to the three crew members, up to eight soldiers can be seated and conduct effective combat operations.

Because of its digitization and modern design, the Lynx KF41 can take on today's adversaries and offers upside potential against tomorrow's threats. The modular architecture allows reserves in terms of payload, electric propulsion and processing to seamlessly integrate further mission equipment into the vehicle or enable further variants within a single vehicle family.

Comprehensive approach includes close industrial cooperation

Rheinmetall offers comprehensive industrial cooperation concepts with its partner country's domestic industry for the production of the Lynx KF41. Hungary can serve as an example. In September 2020, the Hungarian Ministry of Defence commissioned Rheinmetall to supply combat vehicles and associated services. As early as October 15, 2022, Rheinmetall handed over the first of a total of 209 Lynx KF41 Infantry Fighting Vehicles to the Hungarian armed forces coming from its established production line in Germany.

Low-Rate Initial Production (LRIP) began in Hungary on time at the start of 2023. This pre-series production is considered an important milestone, which also includes the production of the Lance 2 medium-caliber turret and other Lynx KF41 variants. Full-rate production (FRP) is scheduled to begin in July 2023. To this end, the recruitment of qualified personnel and the influx of technical equipment for the Joint Defence Centre of Excellence in Zalaegerszeg site founded jointly between Rheinmetall and its Joint-Venture partners will continue.

The Joint Defence Center of Excellence in Zalaegerszeg not only helps to maintain and further expand Hungary's capabilities in the development and production of advanced combat vehicles, but also strengthens the local economy. The new Hungarian Rheinmetall colleagues are already working on the new Lynx KF41 vehicles in Germany, gaining valuable knowledge and skills that support the transfer of know-how and technology.