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## Mobility and firepower: Rheinmetall presents the Lynx 120 mechanized fire support vehicle

Rheinmetall has just unveiled the latest addition to the company's Lynx next-generation combat vehicle family. The Düsseldorf-based technology group has now developed a mechanized fire support variant of the Lynx KF41 IFV. Called the Lynx 120, this unique platform merges a tried-and-tested turret concept and the proven 120mm smoothbore cannon with the Lynx KF 41 chassis. The new mechanized fire support variant of the Lynx offers the user outstanding fire support and anti-tank capabilities.

Thanks to a well-balanced blend of lethality, protection, mobility and survivability, the Lynx 120 is the perfect additional battlefield asset for Lynx platform users. Featuring off-the-shelf components, meticulous engineering reduces the vehicle's weight, while customizable protection packages round out the package. The vehicle architecture has been simplified and provides an open 'plug-and-play' capability for future upgrades, while complying with, and adapting to, NATO standards.

Because armed forces have to cope with future challenges such as high-tech combat systems at a time when conventional solutions and concepts have reached the limits of their performance, the Lynx 120 is designed to deliver maximum lethality and firepower on tracks paired with the latest defence technologies to keep adversaries at bay.



Utilizing the Lynx KF 41 modular chassis and a scalable large-calibre turret concept, the Lynx 120 is a high-performance solution, harbouring vast growth potential and an assured overmatch capability. Just a couple of weeks ago, Rheinmetall Defence Australia unveiled a combat support vehicle (CSV) variant of the Lynx: now there is the fire support version as well.

The basic idea behind the Lynx 120 design concept is to provide a combat system that offers maximum operational performance in combination with logistic advantages within a reasonable timeframe at a realistic cost.

The vehicle's main armament is a Rheinmetall 120mm smoothbore gun, derived from the main armament of the Leopard 2. It can fire state-of-the-art DM11 programmable high-explosive (HE) projectiles. Its secondary armament includes a coaxial machine gun. Moreover, the commander's independent weapon station will feature an additional .50 cal. machine gun.

### ► Key facts

- Latest edition to Rheinmetall's Lynx armoured fighting vehicle family
- Combines a proven turret concept with an 120mm smoothbore gun and a Lynx KF41 chassis
- Mechanized protected firepower concept
- Maximum operational performance in combination with logistic advantages

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A 360° camera system with automatic target detection and tracking reduces the crew's workload in all operational scenarios.

Special protection modules enable a mission-specific response to ballistic threats, improvised explosive devices, explosively formed penetrators and artillery fire, and can be quickly mounted with limited tools. Moreover, the Lynx 120 can be readily equipped with the proven, already fielded Rheinmetall Active Defence System, or ADS, to defeat rocket-propelled grenades and antitank missiles. Additional armour packages and active protection systems can be provided on request.

Various nations are interested in acquiring the Lynx as a next-generation replacement for their aging inventories. The platform is currently a strong contender in Australian and Slovak IFV modernization plans and is competing for the USA's Optionally Manned Fighting Vehicle (OMFV) programme. Hungary became the launch customer in 2021. Going beyond strictly military aspects such as increased interoperability and capability upgrades, major localization elements form an integral part of these procurement plans, aimed at boosting local industry and creating jobs.