

GMARS

Global Mobile
Artillery Rocket System



 **RHEINMETALL**

LOCKHEED MARTIN 

The Mission Range Matters

GMARS is a Multiple Rocket Launcher two-pod system supporting current and future state-of-the-art long range and extended long range rocket fire missions. GMARS is precise and cost-effective on the modern battlefield, providing all-weather, 24/7, long range precision fires.

GMARS provides fire support missions up to a range of 400+ km, and supports continued growth for increased capability at even greater ranges.

Partnership

Rheinmetall and Lockheed Martin joined forces in 2023 to combine their individual strengths and developed a GMARS as a solution for the growing demand for long-range rocket artillery. GMARS includes a 2-pod launcher capable of firing the MLRS Family of Munitions (MFOM) to achieve long ranges and high precision.

Lockheed Martin is a global defense technology company driving innovation and advancing scientific discovery. With 50+ years of rocket artillery expertise and partnerships with 20+ countries, we're providing transformative technologies and precision fires solutions to support global deterrence and 21st Century Security.

Rheinmetall is Europe's leading supplier of tactical wheeled and tracked vehicles and a reliable partner to armed forces around the world. With innovative and modern systems, Rheinmetall sets global standards in defense technology and creates the indispensable basis for peace and freedom.

GMARS

Specifications

Length: 9.8 m
Width: 2.5 m
Height Stowed: 3.9 m
Combat Loaded: <40,000 kg
Empty: 31,140 kg
Max Speed: Up to 100 km/h
Max Operational Range*: 700 km

**nominal conditions*

Features

- Highly mobile, shoot and scoot capability
- Crew-of-2; Cabin capacity of 3
- Rapid emplacement with no out-riggers
- Boom & Hoist system enables safe and rapid reload in all weather conditions
- Only wheeled, 2-pod launcher system compatible with MLRS Family of Munitions
- Inertially navigated, GPS-aided Firepower against short- and long-ranges
- Component commonality with M270 / HIMARS and the HX Series of Mobility Platforms
- Interoperable with NATO forces, that use MLRS and HIMARS
- Designed with future in mind and flexibility to address multi-domain operations
- Rheinmetall's 8x8 truck combines the ability to self-cover long distances with logistical commonality to the HX family in service in the German Army, e.g. UTF, WLS
- Supports pre-planned and time-sensitive targeting

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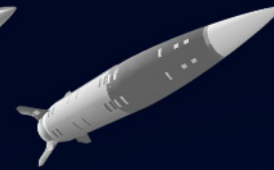
Battle Ready Munitions



GMLRS
70+ km



ER GMLRS
150 km



ATACMS
300 km



PrSM
400+ km

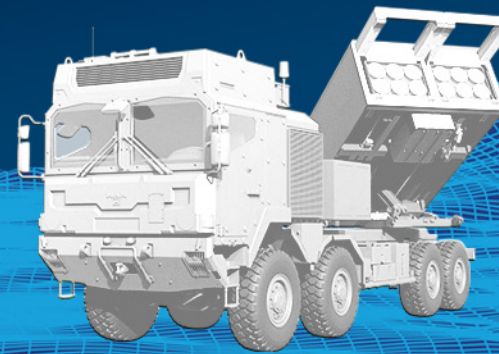
Future Munitions Options



**Surface-Launch
Cruise Missile**
370+ km



**122 MM
Rocket**
22 km



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