



# AMERICAN RHEINMETALL

FOLLOW US INTO THE FUTURE



RHEINMETALL

# FORCE PROTECTION IS OUR MISSION.

Rheinmetall AG, publicly listed and based in Düsseldorf, Germany, is a powerful, internationally successful corporation. As an integrated technology group, Rheinmetall is a market leader in the areas of environmentally friendly mobility and threat-appropriate security technology. The group's Defense sector is Europe's foremost supplier of defense and security technology and a longstanding partner of the armed forces. Rheinmetall products set the global standard for excellence in a wide array of disciplines: from vehicle, force protection and weapon systems to infantry equipment, air defense, network-enabled warfare capabilities, electro-optics and simulation technology. Providing friendly forces with the best-possible protection – that is our mission.

## **American Rheinmetall Defense**

Headquartered in Reston, VA, is the U.S. Hub for Rheinmetall that brings the global company's complete range of defense and security products to the United States market through its three specialized operating companies. American Rheinmetall Defense is committed to delivering next-generation solutions to the U.S. Armed Forces in support of their critical modernization priorities.





THREE STRONG DIVISIONS

# MOVE. SENSE. STRIKE.

The structure of Rheinmetall demonstrates a strategy that has only one goal in mind: to supply unbeatable defense systems for all possible scenarios. The breakdown into the three divisions of Vehicle Systems, Electronic Solutions and Weapon and Ammunition enables us to promote the integrated, system-oriented, mission driven capabilities that make Rheinmetall an industry leader. One partner for all missions.

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## In the U.S.

American Rheinmetall Defense	Reston, VA
American Rheinmetall Vehicles	Sterling Heights, MI
American Rheinmetall Systems	Biddeford, ME
American Rheinmetall Munitions	Stafford, VA – Headquarters
	Camden, AR – Production
	Windham, ME – Fuze Production

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## VEHICLE SYSTEMS

# SURVIVABILITY. MOBILITY. LETHALITY.

The complex demands placed on modern military vehicle systems today requires consistently modular vehicle families capable of multiple missions. They must always be flexible enough to provide answers to future challenges and well thought-out to enable integrated system logistics and rapid upgrades as new technology matures. Only then, our militaries can achieve fundamentally different requirements. Multitudes of competencies are in demand: protection against new threats, the need to identify and defeat the enemy at greater range, the ability to deploy in remote areas, extreme off-road mobility, high payload, and overmatched weaponry. Rheinmetall creates vehicle configurations that are seemingly impossible; creating a product portfolio that no other company can offer.

### **American Rheinmetall Vehicles**

Located in Sterling Heights, Michigan, is part of Rheinmetall's Vehicle Systems Division and brings the group's unbeatable global product portfolio to the U.S. market. ARV specializes in tracked and wheeled combat vehicle platforms, tactical wheeled vehicles, and associated subsystems. ARV is able to leverage advanced capabilities from across the Rheinmetall enterprise to enhance its next-generation vehicles with solutions such as 360° situational awareness technologies, AI-based target detection and recognition, imaging processing, and interoperability. Addressing the critical design needs of today's customer, ARV delivers vehicles with supporting open system architectures that enable rapid insertion of the modern era's fast-paced innovations. ARV's strengths in vehicle design and development, engineering and system integration make it a superb partner for U.S. customers in bringing combat vehicle platforms that are Next-Generation – Now.

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**Lynx KF41 Infantry Fighting Vehicle** – Highly survivable, extremely mobile, and lethal beyond the enemy's capability, the Lynx KF41 is a next-generation combat vehicle designed to confront the challenges of today's diverse environments and adapt to the future battlefield like no other vehicle in production today. The Lynx KF41 is more than just a new, highly advanced vehicle: it is the ultimate futureproof platform, blending unsurpassed protection with massive firepower and unbeatable mobility in a uniquely modular concept, with significant built-in growth capacity. Adaptability is not just limited to growth. The modular design of the Lynx KF41 allows it to rapidly reconfigure for various roles: infantry fighting vehicle, command & control, armored reconnaissance, fire support, repair & recovery, or MEDEVAC.

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## ELECTRONIC SOLUTIONS

# BE AWARE. BE ACCURATE. BE IN CONTROL.

As in almost all areas of life, information and its availability is the decisive factor for successful action – this is particularly true in the military context. Thanks to new technologies, the quality of information is becoming the determining factor in every military operation and information superiority a key element for operational success. The networking of functional chains is also becoming increasingly important in the global fight against crime and terrorism. Thanks to our broad technology base in defense electronics, we have the right solutions for all these requirements. Our product spectrum ranges from reconnaissance, fire control and command systems to drone systems for various applications. Always with the possibility of integration into an environment based on the information technology networking of platforms, individual soldiers or military units.

### **American Rheinmetall Systems**

Located in Biddeford, Maine, is part of Rheinmetall's Electronic Solutions Division and not only brings the division's global product portfolio to the U.S. market, but also designs and develops their own unique products to mitigate U.S. military capability gaps. American Rheinmetall Systems specializes in electro-optic technology and equipment, with particular emphasis on revolutionary fire control systems, and laser ranging, pointing and illuminating technologies to enhance mounted and dismounted soldier lethality. The company's capabilities include engineering design and development, test and evaluation, complete systems integration, and full-rate production.





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### U.S. Key Products

- \_ Weapon mounted laser ranging, aiming and illuminating devices
  - \_ Weapon mounted fire control systems
  - \_ Remote weapon station systems and optics, including HD camera modules
  - \_ Heavy weapon mounts and improvement packages
  - \_ Vehicle mounted surveillance and fire control solutions
  - \_ Programming units for airburst munitions
  - \_ Electronic systems for vehicles
  - \_ Unmanned ground vehicle platforms
  - \_ Infrared scanning devices for 360° situational awareness
  - \_ Soldier Systems for increased situational awareness and positioning
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## WEAPON AND AMMUNITION

# AIM FOR THE FUTURE.

Protecting and defending ourselves on the battlefield depends on our ability to move freely under all conditions, remain aware of our position and situation at all times, and when threatened, respond in a way that guarantees the survivability of our soldiers by overpowering the enemy with products and capabilities that are second to none. Our Weapon and Ammunition division is not only a leader in this industry but is also highly experienced when it comes to mastering the entire weapon and ammunition system. We rise to the challenge of providing a highly successful combination of gun, ammunition, charge and fuze technologies that enable precise and effective solutions against enemy threats. Our product range is extensive – in the medium and large caliber range, it extends from electronically programmed medium-caliber ammunition to seeker-fuzed ammunition for artillery. It also includes propulsion systems, such as artillery and mortar charges, propellant powders and combustible moldings.

### **American Rheinmetall Munitions**

Headquartered in Stafford, Virginia with a production facility in Camden, Arkansas. The company is part of Rheinmetall's Weapon and Ammunition Division and has been bringing the division's global product portfolio to the U.S. market for many years. American Rheinmetall Munition specializes in large and medium caliber ammunition families and is a world leader in the field of long-range artillery, mortar and infantry systems. The company's portfolio also includes but is not limited to propellants, fuzing, and protection systems for vehicle survivability. Other capabilities include: load, pack, assembly, and full rate production.





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## U.S. Key Product Highlights

### **PGU-48/B 25mm Frangible Armor Piercing Munition (FAP)**

This multi-purpose round is specifically designed to provide the F-35 Joint Strike Fighter with superior lethality in air-to-ground combat against hard, soft and urban area targets while remaining deadly against enemy aircraft. The new cartridge does not contain explosives, ensuring maximum safety in the aircraft, as well as in storage, transport, and training. The 25mm FAP round is a true all-purpose cartridge that demonstrates Rheinmetall's innovative technology and continued commitment to the U.S. Air Force.

### **XM1176 40mm High Velocity High Explosive Dual Purpose Airburst and XM1166 40mm Low Velocity High Explosive Airburst Cartridges with Programming Units**

This vital next-generation ammunition has lethal effects against personnel in open and defilade positions and can defeat unarmored/ lightly armored vehicles. American Rheinmetall Munition and American Rheinmetall Systems have partnered together in an effort to blend their specialized capabilities to provide smart ammunition with associated programming units that demonstrate Rheinmetall's breadth of technologies.

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THIS IS US

# ONE RHEINMETALL.

As an integrated technology group, Rheinmetall is a market leader in the areas of environmentally friendly mobility and threat-appropriate security technology. Effectively interlinking across their divisions, the capabilities are efficient and together sharpen the Group's profile. Synergies between the automotive and defense divisions can be seen when looking at technologies like: emobility, autonomous driving, and connected vehicles – trends that illustrate the crucial transformation taking place in our industries, military, and society.

Rheinmetall's automotive divisions have a longstanding and deep relationship in the U.S. with multiple engineering and production locations and more than 1,000 U.S. employees that bring technology, innovation and economic benefit to the U.S. market. Collaborations between the divisions under the moniker One Rheinmetall benefit all Rheinmetall entities and Rheinmetall's U.S. customers.





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### In the U.S.

Rheinmetall Automotive

Rheinmetall Automotive – Pierburg Pump Technology

Rheinmetall Automotive – KS Kolbenschmidt U.S., Inc

Rheinmetall Automotive – Pierburg

Rheinmetall Automotive – KS Gleitlager North America

Rheinmetall Automotive – Pierburg U.S.

Auburn Hills, MI

Fountain Inn, SC

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RHEINMETALL AS AN EMPLOYER

# A MULTITUDE OF EXCITING CAREER OPPORTUNITIES.





The guarantee of stability and security in the context of global change is the key challenge for us. As a technology group whose products make a significant contribution to better protecting those who protect us and which, at the same time, has advanced technology to counter future threats, we are looking for people who are enthusiastic about working on our security promise. Employees who work with us at the intersection of leading edge technology and social responsibility to develop solutions for a safe world tomorrow.



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