



**ARNOLD**  
Defense



# 360° Defense Production



**ARNOLD**  
we are metalligent



**Mission Critical Manufacturing.**  
Made in Germany.

# 360° Defense Production.



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We combine metalworking expertise with state-of-the-art manufacturing technology. From welded assemblies weighing several tons for rail vehicles to milled parts with micrometer precision for defense applications. We master the entire spectrum of sophisticated metalworking - what can we do for you?



# Robust Solutions. For Defense.

When precision determines success and downtime is not an option, choose a Partner that understands extreme requirements. Arnold AG combines over 100 years of metal processing expertise with state-of-the-art manufacturing across 50,000 m<sup>2</sup> of production space. From multi-ton welded assemblies to micrometer-precise defense components - we master the entire spectrum of demanding metalworking. Leverage our strength! Comprehensive manufacturing from raw material to complete assemblies ready for installation - delivering components that thrive where others reach their limits.





## Welding

Arnold AG combines all critical manufacturing processes for defense and railway technology meeting the highest quality standards.

As a DIN 2303-certified welding specialist, we create high-strength connections for armored components and safety-critical 3D stainless steel structures. Our welding engineers and CL1-certified welders guarantee complete process documentation.



## Special Coatings

In one of Europe's most modern paint booths, we refine complex 3D components with customized special coatings. Our in-house assembly integrates all components into the finished assembly. Salt spray, fire resistance, and leak tests validate every component. As an ISO 9001 and IATF 16949 partner, we guarantee defense-compliant quality.





## Bonding

At Arnold, certified adhesive bonding engineers join a wide variety of materials – from aluminum to steel to composite armor plating – according to EN 17460 (Class A2) and DIN 6701. The result: 30% weight savings with maximum strength. Climate-controlled workstations ensure A1 quality according to military VG standards.



## Milling

Arnold AG combines state-of-the-art prefabrication technologies under one roof. In our CNC milling centers, we machine all common metal materials with tolerances in the hundredths of a millimeter range. High-speed cutting (HSC) guarantees the finest surfaces for defense and medical technology.



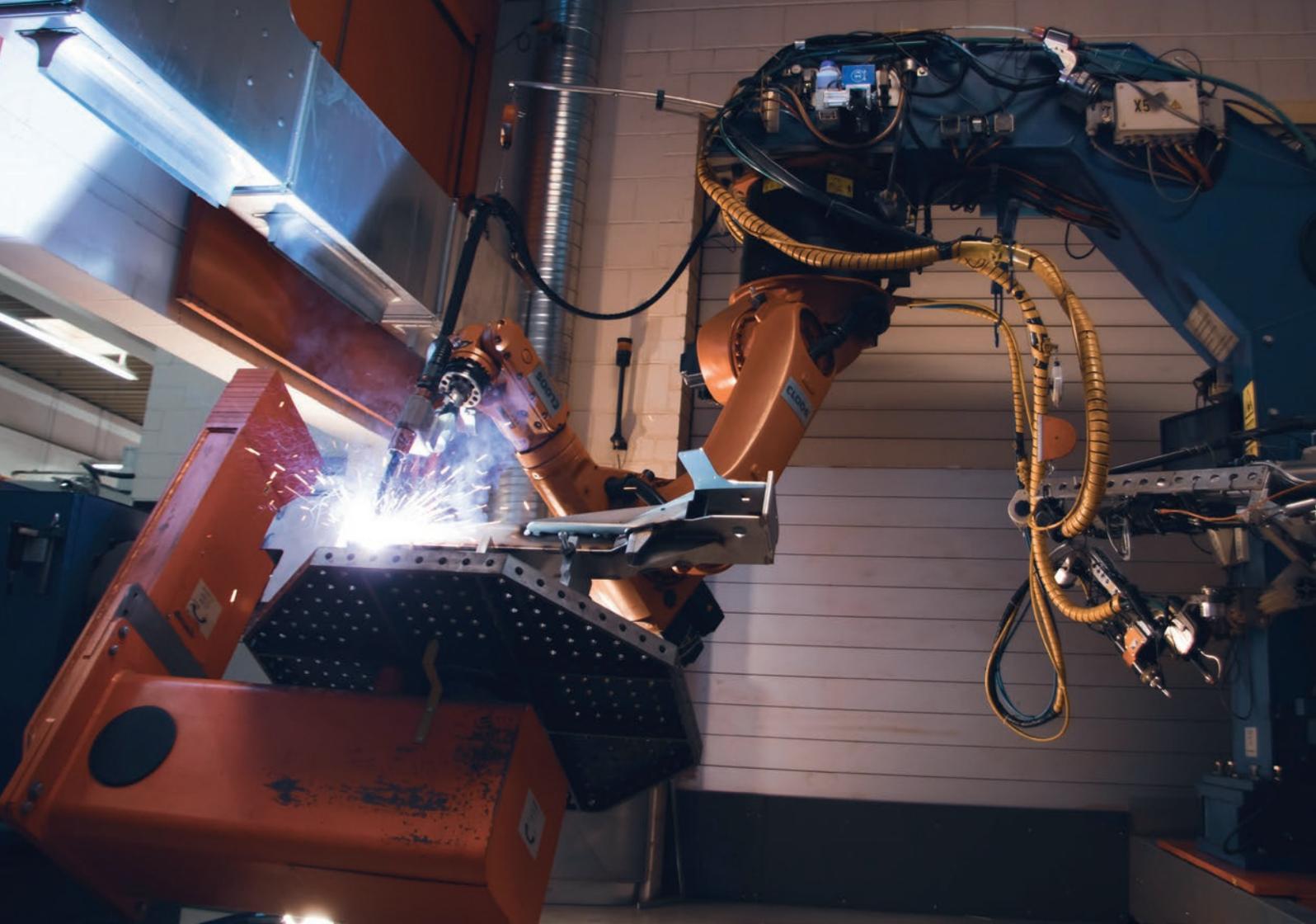
## Radiation Protection

With 600 tons annual lead processing capacity, Arnold AG brings unique industrial radiation protection expertise. Our civil sector experience offers vast potential for defense applications – from protective components to specialized shielding solutions. Our capabilities span precision cutting of custom protective plates, CNC milling of complex lead geometries, and innovative composite solutions for maximum protection. Modular concepts enable flexible scenarios and customer-specific adaptations.



## Bending

In sheet metal processing, fully automated systems produce thousands of components daily. Our Bystronic press brake for extremely thick sheets, complemented by Salvagnini P2lean and RAS Minibend Center, ensures maximum flexibility for all customer requests. Specialized processes like step bending for large radii and up/down bending expand our portfolio. As an ISO 9001 certified partner, we offer seamless process chains: from material supply through manufacturing to surface treatment – all from a single source.



# Customers. Trust.

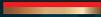
Industry giants from the manufacturing, defense, and railway sectors rely on our expertise. The reason: we think like them - in terms of the highest quality standards, reliable processes, and innovative solutions. As a partner to global technology leaders, we combine the agility of a medium-sized company with industrial precision. Certified processes, state-of-the-art manufacturing technology, and a team that lives and breathes perfection. This is how we create components that are used around the world.





**ARNOLD**

Defense



PRECISION LASER CUTTING W  
TURBINE CUTTING CNC MILLING  
TURNING WELDING SURFACE  
TREATMENT POWDER CO  
SANDBLASTING QUALITY  
CONTROL MEASURING TECH  
CAD/CAM PROTOTYPING  
SERIES LARGE SECT  
TION ROBOTICS I  
PRECISION LASER  
DING WATER JET



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