



Your partner in precision engineering

Defence



Trusted Defence Engineering

For over 45 years, KRG Specialist Engineering has supported the defence sector with precision engineering services where assurance, reliability and full traceability are non-negotiable.

Headquartered in Coatbridge, Scotland, and strengthened by the Torishima Group, KRG works in partnership with defence OEMs, prime contractors and Tier-1 suppliers to deliver high-integrity manufacture, refurbishment and lifecycle support for mission-critical defence systems.

Trusted engineering. Proven capability. Defence focus.



Defence Engineering & Manufacturing

KRG specialises in CNC and 5-axis machining of complex metal components for defence applications where tight tolerances, structural integrity and reliable performance are critical, from battlefield thermal-imaging assemblies to submarine optronic systems.

Defence Manufacturing Capabilities:

- 5-axis CNC milling and turning
- Multi-axis machining for complex geometries
- Critical surface finishes and high-tolerance components
- Defence-grade assembly and inspection
- Full traceability and controlled documentation
- ITAR-aware and MoD-aligned processes

Complete Defence Solutions

Precision Engineering and Manufacturing

We offer turnkey manufacturing solutions that cover every stage of production , from material procurement and machining to final inspection. Using CNC machining and 5-axis capability, we deliver accuracy, consistency and quality for the most demanding applications.

Refurbishment & Upgrade

We provide aftermarket services that include refurbishment, repair and re-certification of legacy defence assets, reducing whole-life costs and enhancing platform availability.





Non-Destructive Testing (NDT)

Our advanced NDT capability (UT, MPI, LPI, phased array) ensures the structural integrity of critical parts and assemblies without compromise across the defence industry.

Welding, Cladding & Heat Treatment

High-integrity welding, corrosion-resistant cladding and controlled heat treatments help extend the life and durability of defence components used in demanding operational environments.

Surface Treatments

KRG provides a range of high performance surface treatments designed to protect, preserve and extend the life of critical components. All solutions applied by NORSOK-trained and NACE-certified specialists.

CMM & Quality Management

KRG strengthens its quality assurance through advanced coordinate measuring machines and inspection software, enabling precise, repeatable and high capacity measurement for complex components.

Special Purpose Manufacture

KRG delivers bespoke engineered solutions for the defence sector. Our services support critical asset integrity, maintenance, and processing programmes, ensuring components meet exacting specifications and operational demands.

Assembly, Testing & Functional Verification

From controlled in-house assemblies to final testing, every component is validated against customer requirements before release.

Supported Defence Sectors

KRG delivers precision engineering and lifecycle support across multiple defence sectors, with full documentation, inspection records and supply-chain traceability, fully aligned to UK defence procurement requirements.

- **Land Systems** – armoured vehicles and critical subsystems
- **Naval & Marine** – sonar, optronic assemblies and marine hardware
- **Aerospace & Avionics Components** – subject to AS9100 approval
- **Security & Surveillance Systems** – sensors, control and monitoring systems

Why KRG for Defence?

Our 'one-stop shop' model brings together design, manufacture, inspection, testing, assembly and finishing all under one roof, giving defence partners a single point of accountability and reducing programme risk. By managing every step of the process in-house, we ensure speed, consistency and mission-critical assurance for the most demanding defence applications.

With state-of-the-art multi-axis machining centres and decades of hands-on engineering expertise, KRG delivers precision, reliability and full traceability at every stage — from rapid prototypes to high-volume production. This integrated approach gives our defence partners confidence that every component meets quality, compliance and operational requirements.





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Contact Us

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