



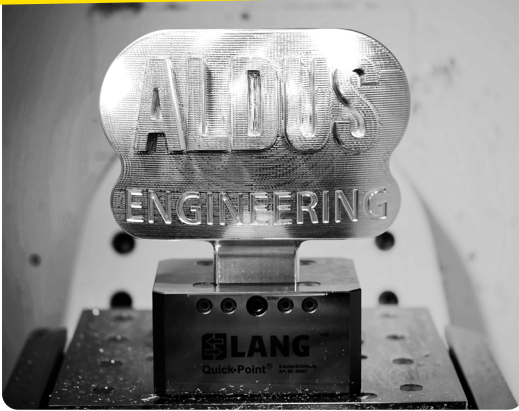
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High Precision CNC Machining



Aldus Engineering is an Australian-based precision engineering and manufacturing company with over 30 years of experience delivering high-quality, technically complex components and assemblies to clients in the medical, aerospace, defense, and emerging rail industries. Our Melbourne facility houses advanced machining centres, robotic cells, metrology equipment, and in-house welding, enabling us to support customers across the full product lifecycle—from prototyping and process development to volume production and ongoing supply.

We are committed to a customer-first, solution-oriented approach, with a proven ability to co-develop manufacturing solutions that are precise, scalable, and cost-effective. Certified to ISO 9001, Aldus Engineering demonstrates consistent quality, robust processes, and continual improvement across every project.

Our Commitment

Aldus Engineering is committed to building **long-term partnerships** with customers through technical excellence, reliable delivery, and a focus on continuous improvement.

Whether you're launching a new product or scaling an established one, we're ready to support you, from prototype to production.



Why Choose Aldus Engineering

Our Strength

Advanced Precision Manufacturing

End-to-End Service Model

Quality & Compliance

Customer-Centric Engagement

Assembly Work

Scalable Infrastructure

Your Advantage

Micron-accurate components, produced reliably.

One partner from design to delivery.

ISO 9001 certified.

Responsive communication, collaborative mindset.

Precision-built assemblies, completed to specification.

Robotic automation and available floor space.

Industry Experience

Sector

Medical

Aerospace

Defense

General Engineering

Our Experience & Capabilities

Precision-machined components for implantable and diagnostic devices; aligned with ISO 13485 and GMP principles.

Complex geometry parts and assemblies; and aerospace-grade materials.

High-specification components with full traceability; support for long-term contracts and compliance with AS/ISO defense standards.

High-tolerance components and assemblies; serving industrial, automotive, and custom applications.



Core Capabilities

Precision CNC Machining

Aldus Engineering operates a modern, scalable machine shop with over 60 CNC machines, including 3, 4, and 5-axis milling machines, multi-axis lathes, wire EDM, welding bays, and advanced CMMs, supported by flexible layouts and dedicated work cells. We deliver tight-tolerance, high-precision parts across complex geometries and diverse materials such as titanium, stainless steel, aluminium, Inconel, PEEK, PTFE, Delrin, and other engineered plastics. From low-volume prototyping to full-scale production, our capability ensures reliable performance for medical, aerospace, and defence-critical applications.

Welding & Mechanical Assembly

We provide end-to-end integration, from precision TIG and MIG welding to the mechanical assembly of complete sub-systems. With full quality control and seamless integration of machined, welded, and standard components, Aldus Engineering delivers reliable, ready-to-use assemblies.

Quality Assurance & Compliance

Our ISO 9001-certified systems, aligned with ISO 13485 and GMP protocols, ensure consistency, traceability, and compliance to global standards. With advanced metrology, including CMMs, optical comparators, and surface roughness testing, we deliver precise validation and full documentation, from First Article Inspection Reports (FAIR) to batch-specific records and laser-etched QR codes linking to material history.

Engineering Collaboration & Prototyping

We work closely with customers from concept to production, providing DfM support, process optimisation, and rapid prototyping to accelerate development, reduce risk, and enable faster product launches.

