ALDUS™

ENGINEERING

Industry experts in precision manufacturing using the latest CNC technology

ALDUS™ Engineering is a Victoria based, Australian owned precision manufacturer with over 35 years' experience.

ISO 9001 certified, ALDUS™ delivers high complexity, tight tolerance specialised CNC machined components and assemblies for:

- Defence
- Aerospace
- Medical
- Industrial sectors

Capabilities include dedicated project management, advanced CNC machining, precision assemblies, robotic automation, welding, and in house metrology.

Operating from Melbourne, ALDUS™ supports Australia's sovereign manufacturing capability through reliable, on time, specification compliant delivery for defence critical programs.

ALDUS™ Engineering

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ALDUS™

Industry Experts In Precision Manufacturing Using The Latest CNC Technology

ENGINEERING

Products and Services

- Precision components and assemblies for land, maritime, aerospace, and other critical-duty applications.
- Build-to-print parts and assemblies; simple to complex & small to large.
- 1-off prototypes, small runs, and high-volume production.
- Capacity and flexibility to best meet customer requirements.
- Materials include aluminium, stainless steel, steel alloys, nickel alloys, titanium, nylon, acetal, and UHMW-PE; from bar, billet, plate, castings, and forgings.

Key Customers & Partners

- ASDAM Group (Marand/Rosebank)
- Able Industries Engineering
- Tier-1 and Tier-2 defence primes & OEMs (under NDA)
- ISCAR Tooling
- Hilton Manufacturing
- Evok3D
- Value Heat Treatment

Affiliations/ Memberships

- Member – Victorian Defence & Space Network (VDSN)
- Member – Australian Industry & Defence Network (AIDN)
- Member – Industry Capability Network (ICN)
- Defence Industry Development Grants Program recipient

Capabilities

- **Advanced CNC & Precision Machining:** 60+ machine fleet delivering complex geometries and large-scale machining up to 6 x 3 x 3m.
- **End-to-End Fabrication:** Laser cutting, bending, forming, punching, routing, and pipe processing across ferrous & non-ferrous materials
- **Automation & High-Volume Production:** Robotic feeding, automated polishing, and scalable systems for efficient, repeatable output.
- **Welding, Finishing & Assembly:** Manual/robotic welding, powder coating, APAS painting, and full assembly solutions.
- **Tooling & Engineering Integration:** Custom jig & fixture design supporting precision manufacturing and repeatability.
- **Quality & Project Delivery:** CMM inspection, full QA, and turnkey project & supply chain management from sourcing to completion.4, and 5-axis milling machines, multi-axis lathes, welding bays and wire EDM.

Certifications and Accreditations

- ISO 9001:2015
- DISP Membership – In Progress
- DMTC Smart Enough Factory Community of Practice
- JOSCAR-AU Registered
- Cybersecurity Essential 8 - ML1

Certified System Quality ISO 9001 SAI GLOBAL

Contact

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