

Aurora Labs® Empowering Industry to Revolutionise Manufacturing

Aurora labs (A3D) is a sovereign technology company based in Perth, Australia, specialising in the design and manufacture of multi-laser metal 3D printers using Laser Powder Bed Fusion (L-PBF) technology to generate products for industry and defence.

Products

Powder Bed Fusion metal 3D printers, processing various metals

- **AL190** – capacity Ø190 x 150mm. (available)
- **AL250** – capacity Ø250 x 300mm. (available)
- **AL420** – capacity Ø420 x up to 400mm. (available)

Propulsion System development of Micro Gas Turbines (MGT)

- **AU2** – 200N thrust (available)
- **AU4** – 400N thrust (in development)
- **AU10** – 1000N thrust (development 2025)

Capabilities:

3D metal printing services: Multiple 3D metal printers available for rapid prototyping and manufacturing.

Engineering Design, Analysis & Testing: Design, analysis and materials testing. Rapid prototype development and manufacture.

Propulsion Design and Manufacture: Growing capability in the design and development of Micro Gas Turbines (MGT) technology, suited to the Defence industry.

Discriminators:

Rapid Prototyping & High-Quality Production: Achieve quick turnaround times and produce intricate, high-precision parts with superior surface finish.

Material Versatility: Handle a wide range of exotic alloys, reactive metals, and low-flowability powders, broadening application possibilities.

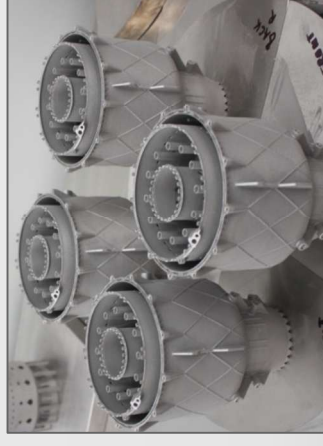
Cost-Efficiency: Lower setup and tooling costs, enabling cost-effective small batch production and customised parts.

Quality Standards

- Certified to ISO 9001:2015
- Targeting AS9100D

Contact

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