

ASX Announcement

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New AL250 3D Metal Printer Commences Printing

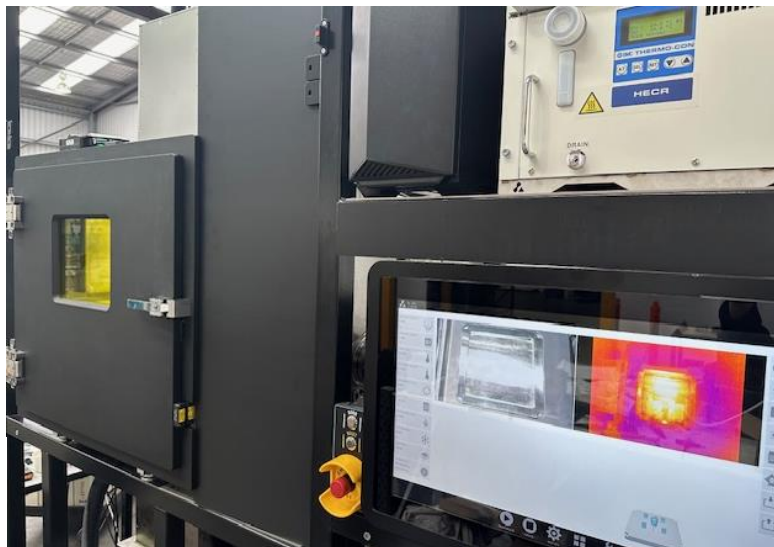
- **AL250 Printer production ready for commercial printing in A3D's Industrial Print Services Business.**
- **Printer will bolster print capability in the Print Bureau and show A3D's Print technology capability for future printer sales.**

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to announce to the market that the AL250 3D Metal Printer, designed, engineered and built in Australia by Aurora Labs is now available for printing in the Company's industrial printing services facility based in Perth.

Parts printed in Inconel 625 have been processed for the development of new production printing parameter window, tuned to the AL250, setting a baseline for printing parts in this widely used nickel based, super alloy found in aerospace and many industrial applications including oil and gas components or aerospace rocketry for excellent thermal, corrosion resistance and fatigue properties.

The data achieved for the Inconel 625 properties includes hardness as built 315 HV10 and part density at 8.4g/cm³.

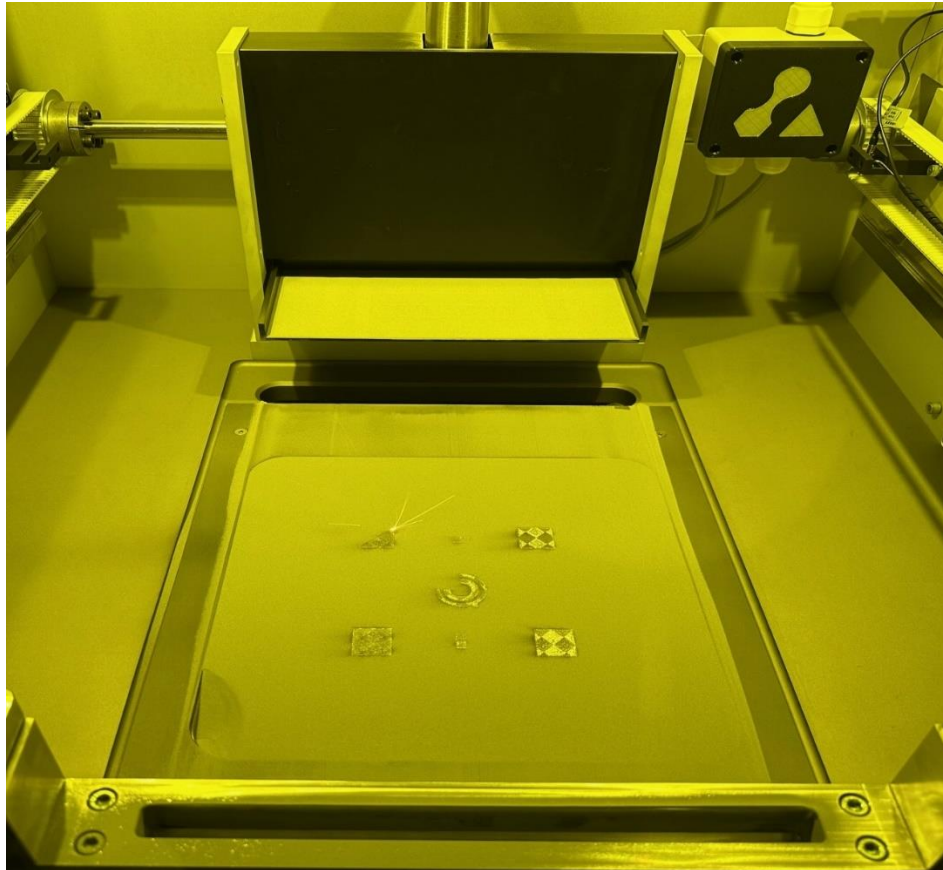
The team looks forward to printing full-scale micro gas turbines in this alloy and developing further print applications to expand its product offerings in the area of micro gas turbines and related parts.



*AL250 Printer
Installation*

The launch of our first commercial AL250 machine, will also serve a dual purpose as a demonstrator unit within our print services facility. This strategy allows A3D to showcase the full potential of our printing technology, demonstrating the art of what is possible while gaining valuable insights into real-world 3D printing application. By doing so, we can better inform potential purchasers about operational parameters, enhance downstream customer support, and ensure a reliable, high-performing product that meets their needs, thereby boosting customer confidence.

Remarking on the achievement, CEO, Rebekah Letheby commented “The AL250 3D printer is a significant advancement for our industrial printing service and machine building capabilities. It will meet the increasing demand for specialised materials as we expand our capabilities and scale up production for the Defence industry, reinforcing our commitment to developing machines tailored for practical industrial printing applications. The AL250 is equipped with multiple commercial features, ensuring a user-friendly and seamless experience. It’s compact, easy to clean build chamber supports a generous 250 x 250 x 300mm 3D print area. This machine excels at printing intricate, mid-sized geometries, making it a valuable addition to our expanding print service.”



The chamber whilst printing is underway, printing test dimensional geometries.

The addition of the AL250 Printer to the print bureau not only provides for a potential scale up of the Company’s print capability but also enables the Company to dedicate specific powders to specific printers without the need to change powders in between print jobs, reducing downtime and risk of powder contamination.

Approved for release by the Company’s Board of Directors.

For further information, please contact: Rebekah Letheby, Chief Executive Officer
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ABOUT AURORA LABS

Aurora Labs Limited (“the Company”), an industrial technology and innovation company that specialises in the development of 3D metal printers, powders, digital parts, and their associated intellectual property.

Aurora Labs is listed on the Australian Securities Exchange (ASX: A3D)