ASX Announcement

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Aurora Launches New Groundbreaking AL250 Commercial Printer

Highlights:

- **Technical specifications for the new AL250 printer available via its website.**
- **Key attributes of the technology include bidirectional printing based on MCP technologies**

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to announce further details regarding the AL250 commercial printer project as it transitions from the operation of the RMP-1 printer model to the newly designed AL250 laser powder bed fusion machine. The AL250 will be employed as a working model in our printing bureau to widen our service offering with its excellent technical capabilities, while also serving as a printer which can be showcased to customers for future machine sales.

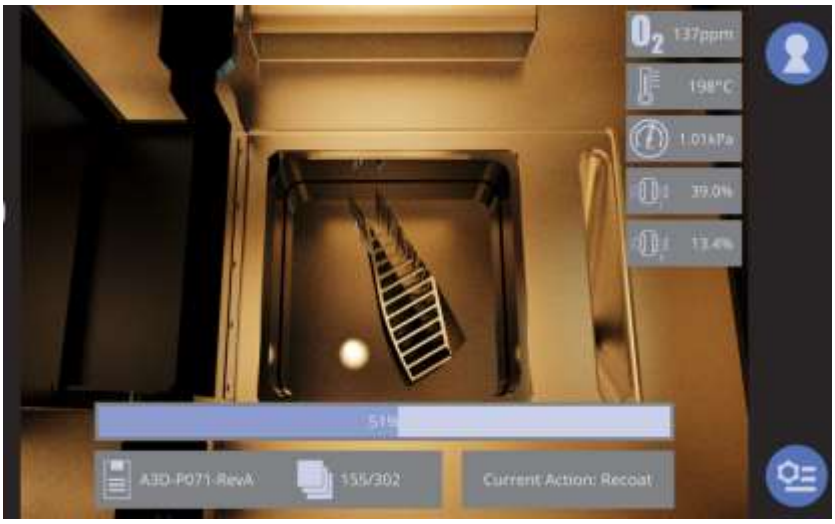
KEY TECHNICAL ATTRIBUTES OF AL250

Key attributes of the AL250 technology allow for the use of bidirectional recoating of the powder bed, powered by MCP technology. This technology enables a reduction in recoat time and has the benefit to cut production costs due to allowing greater laser exposure times. This ensures industry products can be prototyped and printed in serial production runs, quickly and at cost effective rates when creating custom parts or components that are otherwise unobtainable through traditional manufacturing methods.

Central to the AL250's functionality is also the unique powder dosing mechanism, powder is conditioned with heat, prior to being deposited to the recoating system, ensuring optimal temperatures of powders for spreading and densifying when building a powder layer. Powder layer consistency can reduce mechanical defects within parts and ensures a quality repeatable build.

Alongside this functionality, the AL250 also holds a build plate heater capable of 200°C for extra capability in materials research, and strict environmental control processes allow monitoring over the flow and recirculation of gases, temperature and humidity while printing is undergoing in the build chamber.

Lasing power in the AL250 machine is also at the top of its class with a full 1500W per laser available for deployment to lase highly reflective or conductive powders, such as copper. Efficient and optimised process parameters utilising this power for processing a variety of powder materials will be available to purchase with the machine.



[1]Representation of the camera feed to the GUI*

The machine technical specifications include:

Build Envelope	250 x 250 x 300mm (x,y,z)
Layer Thickness	30 150 µm
Laser System Options	1500W (CW)
Max Scanning Speed	20m/sec
Spot Diameter	75-150 µm
Laser Wavelength	1064nm
Bed Pre-heating	200°C
Connected Load Approx Power Consumption	25A
Power Supply	3/n/PE AC 400V, 32A
Inert Gas	Ar or N2 (external generator optional)
Dimensions	2220 x 1300 x 2480 (WxDxH)
Weight	1700kg
Operating Conditions	18 - 30°C
Recoating Systems	Variable speed recoating system

PRINTER TARGET MARKET

The target market for machines includes both defence, aerospace, oil and gas industries, engineering specialists and OEM's who have libraries of complex parts produced in bespoke production runs.

Solving complex problems with parts through generative design printed in the AL250 will be key to demonstrating the strength and flexibility of the printer to the wider market.

Ends

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

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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)

FORWARD LOOKING STATEMENTS

1 This image is a representation of the GUI camera image only. It is not intended to show all the elements or the actual configuration of the GUI elements available through this camera view.

This announcement contains forward-looking statements which incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events.

These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated or at all given that many of the events are outside Aurora's control.

Accordingly, Aurora and the directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur. For further information, please contact: enquiries@auroralabs3D.com