Aurora Labs™

18 September 2018

ASX Announcement

CORPORATE DIRECTORY

Chairman
PAUL KRISTENSEN

Founder, Managing Director
DAVID BUDGE

Business Development and Marketing Director
NATHAN HENRY

Non-Executive Director
MEL ASHTON

Non-Executive Director and Company Secretary
MATHEW WHYTE

FAST FACTS

Issued Capital: 65.6m

Quoted Options: 3.7m

Unquoted Options: 12.4m

Market Cap: $27.2m

Cash: $3.8m
(As at 30 June 2018)

CONTACT DETAILS

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ACN: 601 164 505

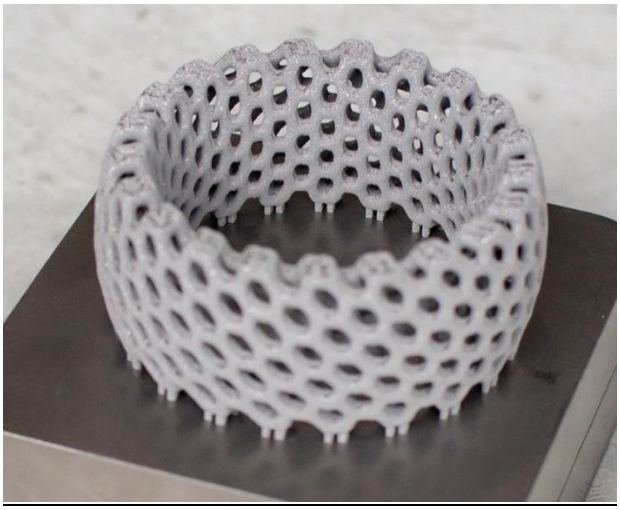
Aurora Labs reaches ability to print complex parts at market speed

Highlights

- Aurora Labs' 3D metal printing Large Format Technology (LFT) can print complex parts
- Initial prints using LFT achieved a speed equivalent to 15.88 kg/day
- Speeds achieved are in excess of 8 x faster than market speed
- Now that the core technology has been proven the scalable nature of the LFT indicates the pathway to a target print speed of 1000kg/day is achievable

Aurora Labs Limited ("Aurora" or "the Company") (ASX:A3D), is delighted to announce printing of complex parts using its Large Format Technology (LFT). The initial prints using the LFT achieved a speed equivalent to 662 g/h or 15.88 kg/day. This showcases an ability to execute complexity in printing and indicates that once the full sized Rapid Manufacturing Printer is fully built, the technology's ultimate targeted print speed of 1000kg/day is achievable through scaling, rather than further proving the fundamental technology.

The tests were carried out on the Alpha model which is Aurora's first fully functioning LFT machine. It has a print envelope of 200x200x200mm and both the print envelope and speed will be scaled to create the first MFP or (RMP1 - Rapid Manufacturing Printer 1) production units.



1st Print using LFT Alpha printer. CP-Ti

View video here:

Print complex part (bracelet) at market speed using LFT Alpha printer. CP-Ti

What is a Complex Part?

A complex part is a part that has a series of curves and internal structures that would normally be considered difficult to manufacture using traditional methods. Examples of this would include a valve body, a turbine wheel or a lattice structure like the bracelet printed.

What is Market Speed?

Aurora Labs defines Market Speed as the standard speed of a comparable size machine that can print titanium (CP-Ti). Market research has shown this to be a rate of at 81.7 g/hr (1.96 kg/day).

As demonstrated in the above figures, the Company's current speed exceeds a comparable printer's speed by a factor of 8.

This achievement advances the development and planned commercialisation of the LFT, and moving forward, Aurora will focus its efforts on significant speed and build area increases, making additional refinements to the resolution and surface finish achieved by this technology.

The target market for Aurora's LFT is the global metal manufacturing market, expected to reach USD $4 trillion per annum by 2020[1]. Successful scaling of the LFT will allow printed parts to be manufactured at a price that is expected to be cost competitive with traditional metal manufacturing.

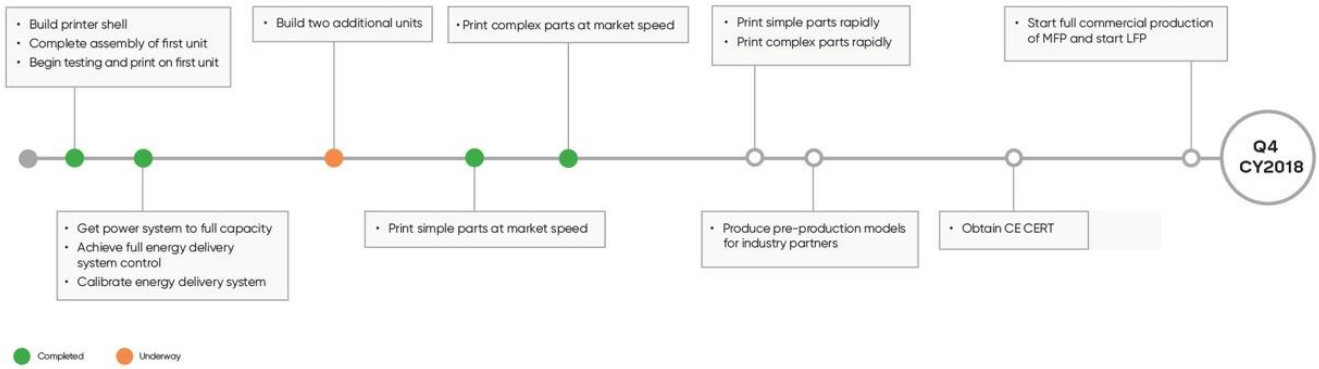
David Budge, Managing Director, commented:

"Possibly, more than any other step in Aurora Labs' history, this one is the most important, as it proves out at a fundamental level the potential for this technology to revolutionise the metal manufacturing market. The nature of the Large Format Technology and its ability to be scaled allows us to understand at this stage in the development cycle the potential for this technology to be able to print at our target rate of 1000kg/day.

Moving forward the Company expects to have the pre-production model of the printer ready for sale to one of its industry partners before the end of calendar year.

Aurora will now focus on scaling the technology and increasing speeds to reach the targeted 1,000kg/day for its full-sized large format printer."

Large Format Technology Development Timeline



[1] Research and Markets, Global Metal Manufacturing Market Briefing 2018 – ResearchAndMarkets.com, February 21, 2018, https://www.businesswire.com/news/home/20180221005897/en/Global-Metal-Manufacturing-Market-Briefing-2018--

ABOUT AURORA LABS

Aurora Labs Limited ("the Company") (ASX: A3D), 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)

To learn more about Aurora Labs, please visit: www.auroralabs3d.com

FORWARD LOOKING STATEMENTS

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:

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