

March, 2018

AM Printing Fuels the Rise of Point-of-Care Manufacturing



More than 95% of point-of-care professionals expect to see an expansion of POC manufacturing enabled by additive manufacturing. While healthcare providers operate in an evolving environment influenced by policy, regulations and changing technology, AM has shown promise to improve the patient experience.

"Physicians as Manufacturers: The Rise of Point-of-Care Manufacturing," an SME white paper details the factors leading to the rise, case studies, examination of POC models, existing challenges, capital investment needs and expectations for growth. In addition, the paper unveils results from SME's Medical Point-of-Care Manufacturing Survey including which AM printing technologies are being used, the most popular applications, benefits of AM anatomical models and applications that are expected to have the greatest growth in 2018.

[Click Here to Download the SME White Paper](#)

Popular Science Names Desktop Metal Production System "2017 Best of What's New" in Engineering

Highlighting its speed and inkjet technology, Popular Science recognized the Desktop Metal Production System™ with its "2017 Best of What's New" award in the Engineering category. The Production System is the first metal AM printing system for mass production of complex metal parts that is up to 100 times faster than current laser systems. Arriving in 2018, the Production System delivers the speed, quality, and cost-per-part needed to compete with traditional manufacturing processes.

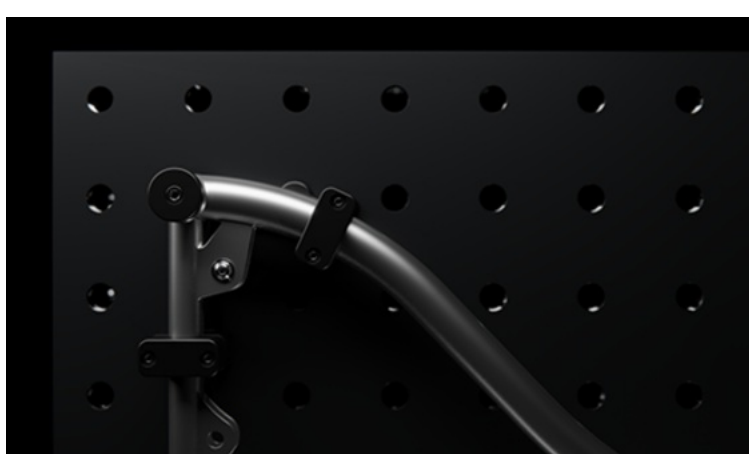
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AM Printed Fixtures and Tooling: Reduce Lead Time, Material Costs, and Downtime

Additive manufacturing is not only useful as a production method for end use parts, but also as a complement to manufacturing methods in the machine shop.

From custom soft jaws for difficult machining operations to alignment jigs for welding, an industrial AM printer can improve many of the behind-the-scenes tasks associated with manufacturing and fabrication.

Download the white paper today and learn how AM printed tooling and fixtures address common manufacturing pain points like lengthy lead time, high material costs and lost productivity.



[Click Here to Download the SME White Paper](#)



Chris Wentworth



Chris is CMTC's product development and Additive Manufacturing (AM) expert. With over 20 years of experience in manufacturing, twelve of those working with AM, Chris brings a wealth of knowledge to small and medium-sized manufacturers.

Airbus Unveils the World's first AM Printed Plane

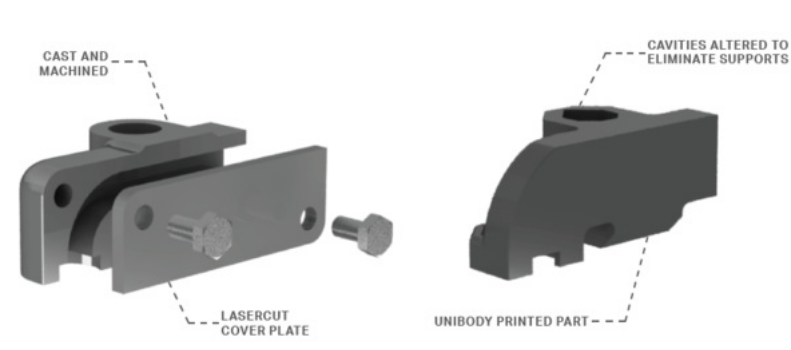


European aerospace company, Airbus, has created a mini-plane, named Thor, which is the world's first AM printed aircraft. The mini plane was presented at the Berlin air show this week.

Airbus has named the aircraft Thor - which stands for "Test of High-tech Objectives in Reality". Thor is a windowless drone that weighs in at 46 pounds (21 kilograms) and is less than four metres (13 feet) in length.

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STANLEY BLACK & DECKER CUTS LEADS TIMES BY UP TO 98% WITH METAL X 3D PRINTER



Stanley Black & Decker, a manufacturer of hand tools, machining tools and outdoor machines has redesigned and AM printed two complex components using the Markforged Metal X 3D printer.

The components, an actuator housing for a 1045 Hydraulic Post Driver and a wheel shaft for the PC10 Profile "Frog" Grinder, were tested and cleared for use as production parts. Analysis showed that the AM printed parts cost a fraction of the original components.

This is the latest AM printing announcement from the Connecticut-based hardware manufacturer since it launched a mentorship program in collaboration with startup accelerator TechStars.

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CMTC Offers AM Consulting

CMTC can help you! Additive Manufacturing may be able to help you save money and improve quality. Let us help you minimize risk as you explore AM printing technology. We can advise you on new manufacturing methods, equipment and revenue streams. Don't get left behind. Contact me at cwentworth@cmtc.com to get help with understanding additive. We can help you keep up with the latest Additive Manufacturing technology!

Contact Me
I'm always happy to answer any questions you may have about AM or CMTC. Please click on the button below to reach me.

[e-mail me](#)

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