

Stratasys Advancing Additive Manufacturing Into Mainstream With New Solutions for Factory Floor

April 23, 2018

Advances in manufacturing solutions include expansion of composite-compatible printers, Industry 4.0-ready systems with MTConnect, and production-level repeatability

Solutions include Carbon Fiber Filled Nylon 12 via Stratasys Direct Manufacturing and availability on two new production 3D printers.

Stratasys offers specialized high-repeatability solutions for aircraft interiors and other highly regulated production applications

MINNEAPOLIS & REHOVOT, Israel--(BUSINESS WIRE)--Apr. 23, 2018-- [Stratasys](#) (Nasdaq: SSYS), a global leader in additive technology solutions, today unveiled a range of new solutions designed to accelerate the use of additive manufacturing on the factory floor.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20180423005576/en/>



The new F900 Production 3D Printer is factory-floor ready with MTConnect interface and composite material compatibility (Photo: Business Wire)

Announcements today at RAPID+TCT 2018 include an expanded number of 3D printers compatible with carbon fiber composite material. Headlining the introduction is the new F900 Production 3D Printer, which is the third generation of the company's flagship FDM system. Features include an MTConnect-ready interface with production-ready accuracy and repeatability.

Manufacturing with additive technology is not a distant future. Stratasys customers widely use its Fortus Production 3D Printers today for rapid tooling, jigs, fixtures and part production applications.

The F900 is built on the Fortus 900mc platform, one of today's most-widely used AM systems for high-end additive manufacturing. The F900 is available in a new series of three solutions: the *F900*, the *F900 AICS (Aircraft Interiors Certification Solution)*, and the *F900 PRO*.

Building on the versatility of the F900 to support a wide range of applications, the following two versions of the F900 extend the platform into a series of specialized products to meet the unique needs of production, supported by high repeatability.

The Stratasys F900 Aircraft Interiors Certification Solution (AICS), announced at the Paris Air Show, is the first-of-its-kind solution delivering the performance and traceability required for flight-worthy parts.

The Stratasys F900 PRO is a production-grade system, ready to produce parts with the highest FDM repeatability and performance in ULTEM 9085 resin. It includes all the benefits and value of the AICS product, and it extends the high repeatability developed for AICS to all industries.

"What's really exciting about this development is that Stratasys is showing how additive manufacturing has finally reached the level of repeatability and performance required for final part production," says Keith Kmetz of consulting firm, IDC. "With the introduction of the F900 Production 3D Printer and the focus on industry standards and standardization, Stratasys is helping to advance this technology from its prototyping and tooling roots to a true industrial additive manufacturing system."

Owners of existing Fortus 900mc systems can upgrade to any of the three current F900 systems.

In addition to Nylon 12 CF being offered on the Fortus 900 and 450 systems, Stratasys' manufacturing services division, Stratasys Direct Manufacturing, is also now offering parts built with FDM Nylon 12CF, ideal for functional prototypes and production parts in high-requirement applications.

New Competitively Priced System will run Carbon Fiber Filled Nylon 12

Stratasys is also offering this high-performance material on a specialized Fortus 380 and now has a family of 3D printers in a range of price points that can build with Carbon Fiber Nylon 12. Stratasys expects the Fortus 380 CF to ship in Q2 - Q3.

To learn more about Stratasys manufacturing options at RAPID+TCT 2018, visit the Stratasys booth, number 1104.

Stratasys is a global leader in additive technology solutions for industries including Aerospace, Automotive, Healthcare, Consumer Products and Education. For nearly 30 years, a deep and ongoing focus on customers' business requirements has fueled purposeful innovations — 1,200 granted and pending additive technology patents to date — that create new value across product lifecycle processes, from design prototypes to manufacturing tools and final production parts. The Stratasys 3D printing ecosystem of solutions and expertise — advanced materials; software with voxel level control; precise, repeatable and reliable FDM and PolyJet 3D printers; application-based expert services; on-demand parts and industry-defining partnerships — works to ensure seamless integration into each customer's evolving workflow. Fulfilling the real-world potential of additive, Stratasys delivers breakthrough industry-specific applications that accelerate business processes, optimize value chains and drive business performance improvements for thousands of future-ready leaders. Corporate headquarters: Minneapolis, Minnesota and Rehovot, Israel. Online at: www.stratasys.com, <http://blog.stratasys.com> and [LinkedIn](#).

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Note Regarding Forward-Looking Statements

The statements in this press release relating to Stratasys' beliefs regarding the benefits consumers will experience from the F900 and Fortus 380CF and Stratasys' expectation on the timing of shipping the F900 and Fortus 380CF are forward-looking statements reflecting management's current expectations and beliefs. These forward-looking statements are based on current information that is, by its nature, subject to rapid and even abrupt change. Due to risks and uncertainties associated with Stratasys' business, actual results could differ materially from those projected or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to: the risk that consumers will not perceive the benefits of the F900 and Fortus 380CF to be the same as Stratasys does; the risk that unforeseen technical difficulties will delay the shipping of the F900 and Fortus 380CF and other risk factors set forth under the caption "Risk Factors" in Stratasys' most recent Annual Report on Form 20-F, filed with the Securities and Exchange Commission (SEC) on February 28, 2018. Stratasys is under no obligation (and expressly disclaims any obligation) to update or alter its forward-looking statements, whether as a result of new information, future events or otherwise, except as otherwise required by the rules and regulations of the SEC.

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Source: Stratasys Ltd.

Stratasys Corporate & North America

Craig.Librett@stratasys.com

+1 518 424 2497

Joe.Hiemenz@stratasys.com

+1 952 906 2726

or

Europe, Middle East, and Africa

Incus Media

Jonathan Wake / Miguel Afonso, +44 1737 215200

stratasys@incus-media.com

or

Greater China, Southeast Asia, ANZ, and India

Alison.Yin@stratasys.com

+ 86-21-33196051

or

Japan and Korea

Aya.Yoshizawa@stratasys.com

+81 3 5542 0042

or

Mexico, Central America, Caribe and South America

Yair.Canedo@stratasys.com

+52 55 4169 4181

or

Brazil

GP Communications

Caio.Ramos@GPcom.com.br

Nando@GPcom.com.br

+55 (11) 3129 5158