

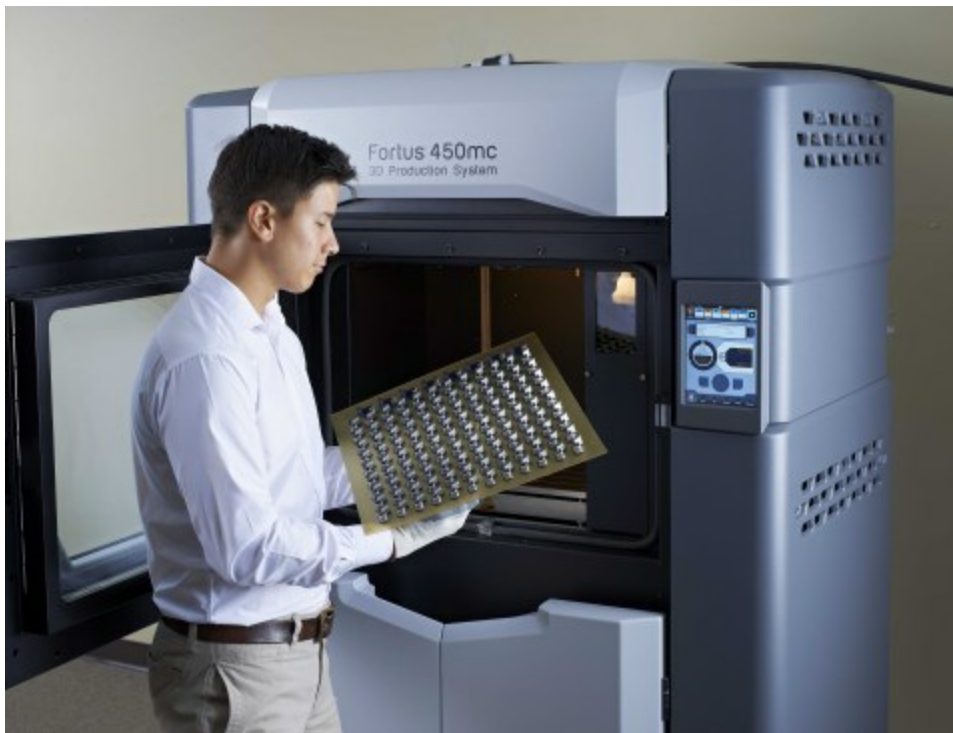
New Stratasys Production 3D Printers Deliver Improved Navigation, Maintenance and Performance

ULTEM 1010, a high-performance FDM material, is now available for the Fortus 900mc

Learn about the new products at:

- **The SEMA Show**, booth #24321, Nov. 4-7, at the Las Vegas Convention Center
- **EuroMold 2014**, stands D90, Hall 11 and H139, Hall 8, Nov. 25-28, Frankfurt, Germany

MINNEAPOLIS & REHOVOT, Israel--(BUSINESS WIRE)-- [Stratasys Ltd.](#) (Nasdaq:SSYS), a leading global provider of 3D printing and additive manufacturing solutions, today introduced the [Fortus 450mc and Fortus 380mc 3D production systems](#), which provide improved reliability, speed and accessibility.



Ideal for companies that produce end-use parts via additive manufacturing, the Fortus 450mc delivers even temperature distribution across the build chamber. Photo: Stratasys

Using [FDM Technology](#), both 3D production systems are designed to provide high-quality engineering grade parts that can be used to reduce the time to bring a product to market, create jigs and fixtures for manufacturing, as well as produce low volume end-use parts. "This new generation of 3D printers is aimed to improve the customers' overall experience," said Bill Schultz, senior director of FDM products for

Stratasys. "Improved system navigation, system maintenance, and system performance

builds upon the proven history of the Fortus family of products. Complex geometries now take less time to print with our new systems.”

Fortus 450mc

The Fortus 450mc can manufacture parts up to 15 percent faster than its predecessor. It has a build envelope of 16 in. x 14 in. x 16 in. (406mm x 355mm x 406mm), and it can produce layer resolutions ranging from 0.005 in. to 0.013 in. (0.127mm to 0.330mm).

A digital touch screen allows users to make adjustments to their print job without disrupting the 3D printer. The full-color display provides model and support head temperatures, calibration settings and lists print jobs in the queue.

The Fortus 450mc has capacity for two model material and two support material canisters, and the usage level can be monitored using the touch screen. Industries including aerospace, government, military and medical, requiring complex functional prototypes, production aides and end-use parts in specialized materials may benefit by using the Fortus 450mc.

Fortus 380mc

The Fortus 380mc has the same advanced features as the Fortus 450mc including even temperature distribution in the build chamber and a digital touch screen. On average, the 3D printer can build parts up to 20 percent faster with a build envelope of 14 in. x 12 in. x 12 in. (355mm x 305mm x 305mm) with the same layer resolutions as the Fortus 450mc.

Material capacity for the Fortus 380mc includes two canisters, one for model and one for support material. The Fortus 380mc is ideal for large and midsize manufacturers producing complex, smaller parts such as fixtures and tools.

“We are simplifying the FDM portfolio and updating a strong product line by adding the Fortus 450mc and 380mc, giving the user a better experience,” says Schultz.

Stratasys offers customers three material bundles for the new Fortus Production 3D Printers. The bundles available are Standard (ABS and ASA), Engineering (PC and Nylon) and High Performance (ULTEM® 9085). The Standard and Engineering material bundle is available for both the Fortus 450mc and Fortus 380mc, and the High Performance material bundle is available for the Fortus 450mc. Users can select from one, two or all three of the material bundles to enable their system to run a range of FDM materials.

ULTEM 1010 Resin

[ULTEM 1010](#) is the latest high-performance thermoplastic for FDM, offering the highest heat resistance, tensile strength and chemical resistance. Available for the [Fortus 900mc](#), ULTEM 1010 is bio-compatible and has the only food-contact certification of any FDM thermoplastic.

“ULTEM 1010 offers a new level of performance to our FDM materials portfolio,” said Brendan Dillon, product manager for Stratasys. “The combination of the low coefficient of thermal expansion and the industry certifications will allow this material to enhance many current applications, and could open the door to many new users of 3D printing.”

Ideal for aerospace, automotive, food processing and medical device applications, ULTEM 1010 combines strength and thermal stability for advanced industrial tooling. Applications for aerospace and automotive include clips, housings and ducts. Food production tools include patterns, dies and fixtures. Custom medical tools include surgical guides, fixtures and trays.

For more information about the Fortus 450mc, the Fortus 380mc and ULTEM 1010, contact a reseller or visit Stratasys' [website](#). Images, a video, an e-book and a brochure for both 3D printers are available, as well as a spec sheet for ULTEM 1010 by visiting the Stratasys [newsroom](#).

Stratasys Ltd. (Nasdaq:SSYS), headquartered in Minneapolis, Minnesota and Rehovot, Israel, is a leading global provider of 3D printing and additive manufacturing solutions. The company's patented FDM[®], PolyJet[™], and WDM[™] 3D Printing technologies produce prototypes and manufactured goods directly from 3D CAD files or other 3D content. Systems include 3D printers for idea development, prototyping and direct digital manufacturing. Stratasys subsidiaries include MakerBot and Solidscape, and the company operates a digital-manufacturing service comprising RedEye, Harvest Technologies and Solid Concepts. Stratasys has more than 2,500 employees, holds over 600 granted or pending additive manufacturing patents globally, and has received more than 25 awards for its technology and leadership. Online at: www.stratasys.com or <http://blog.stratasys.com>

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Note Regarding Forward-Looking Statements

The statements in this press release concerning Stratasys' beliefs about the benefits consumers will experience from the Fortus 380mc system, Fortus 450mc system or the ULTEM 1010 material and Stratasys' expectation on the timing of shipping these new products, 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 Fortus 380mc system, Fortus 450mc system or the ULTEM 1010 material to be the same as Stratasys does; the risk that unforeseen technical difficulties will delay the shipping of these new products, 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 March 3, 2014. 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.

Photos/Multimedia Gallery Available:

<http://www.businesswire.com/multimedia/home/20141104005328/en/>

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