

Stratasys Speeds Access to Advanced 3D Printing with 11 New High Performance Products at EuroMold 2014

At EuroMold 2014, we are launching an unprecedented 11 high-performance 3D printers and materials to help our customers improve their competitiveness and deliver high-end prototypes, production aids and manufactured parts with greater ease, speed and efficiency.

Designers and manufacturers are invited to experience to see our newest products in action at EuroMold 2014 starting Nov. 25, 2014, in Frankfurt, Germany, at Booths D90, Hall 11, and H139, Hall 8.

Triple-Jetting Technology for the Office and Design Studio

With the introduction of the popular [Objet500 Connex3 Color Multi-media 3D Printer](#), we introduced our unique triple-jetting technology, launching a new era of color, multi-material 3D printing and product realism. Today we are adding six new [PolyJet-based 3D Printers](#) with the triple-jetting technology to enable individuals and workgroups to cost-effectively produce prototypes, tools, injection molds, and end use parts.



The Objet Connex3 series is a color, multi-material technology available to designers and manufacturers, small or large.

The compact [Objet260 Connex 1, 2 and 3](#) series is ideal for offices and workgroups, while the [Objet350 Connex 1, 2 and 3](#) series delivers larger build sizes. To increase productivity, all six 3D printers provide triple-jetting workflow advantages like hot-swap and fewer material changeovers. Further enhancing ease of use and workflow, Objet260 and Objet350 Connex 3D printers will support VRML-exported CAD files in addition to the traditional STL; the Objet260 and Objet350 Connex 3 parts provide color, multi-material 3D printing. Connex Triple-jetting Technology is now available to all with more flexibility for budget and part sizes.

New Fortus Systems Combined with New Material for Manufacturing Success



Fortus 450mc Production System features touch-screen interface for improved productivity and ease of use

Leveraging the success of its [FDM-based Fortus 3D Production Systems](#), we are launching two new Fortus 3D Production Systems: the Fortus 450mc and Fortus 380mc. Designed for speed and ease of use, the systems have a new touch-screen interface that achieves up to 20% quicker build times for complex geometries and allows users to make adjustments to their print jobs without disrupting operations. The Fortus 380mc is designed for high-performance prototyping and production tooling in a variety of standard and engineering thermoplastics. Featuring a larger build envelope than the 380mc, the Fortus 450mc employs the most advanced FDM thermoplastics and is ideal for mid-sized functional prototypes, production aids and end-use parts in specialized materials.

Another significant advancement that expands manufacturing opportunities is the ULTEM 1010 resin, our new high-performance



Car manifold 3D printed using durable ULTEM 1010 thermoplastic

thermoplastic. ULTEM 1010 combines superior heat resistance, tensile strength and temperature resistance and can be sterilized using steam autoclaving for medical applications. It is also bio-compatible and has the only food-contact certification of any FDM thermoplastic. These properties make the ULTEM 1010 the good choice for aerospace, automotive, food production tooling, medical devices, and other applications.

The Desktop 3D Printer with Unmatched Material Versatility and a 3D Printer with Soluble Support for Design Versatility



Flexible shoe sole produced on the Objet30 Prime 3D Printer

Providing customers with widest material versatility and improved product realism, the new Objet30 Prime Desktop 3D Printer offers 12 material options including [rubber](#), [rigid](#), [high-temperature](#) and [bio-compatible](#), in an desktop-friendly footprint. This makes it ideal, among others for consumer goods, electronics and medical-device applications. Besides its two standard build modes, the Objet30 Prime exclusively introduces a third print option - draft mode, which enables 36-micron layer 3D printing for faster build speeds to quickly test prototype concepts. Customers can enjoy quiet, reliable operation in a small, office-friendly footprint.

Optimized for creating delicately detailed models with complex geometries and very thin walls, the Objet Eden260VS 3D Printer combines ultrafine 16 micron resolution with soluble support technology.

Additional benefits include automated support removal, which enables businesses to enjoy lower costs per-part during removal of rigid materials. These and other features makes the Objet Eden260VS a great choice for any business requiring cost-effective prototyping of items like toys and assembled parts with fine features, as well as dental and medical applications.

“The global design and manufacturing market continues to push toward creating smarter products with greater efficiency. Because we believe in, and support this trend, we have announced today a range of solutions that focus on ‘democratizing design.’ Our customers, whatever their size or industry, can now access a wide spectrum of cutting-edge 3D printing capabilities and deliver competitive advantage,” said Gilad Yron, senior vice president, Product Management, Stratasys. “We invite every designer and manufacturer at this year’s EuroMold to visit one of our three booths to see how 3D printing is shaping the way we manufacture.”

So we look forward to seeing you at EuroMold and showing off our latest game-changers.



The new Objet Eden260VS employs soluble support technology for creating fine detailed models and parts