



News Release

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3D Systems' Composite ProJet® 5500X To Feature New Flexible, Composite Materials

- Up to 14 different composite materials in a single print
- New functional elastomers in black and translucent
- New levels of versatility for models, functional prototypes and end-use parts

ROCK HILL, South Carolina, November 20, 2014 – [3D Systems](http://www.3dsystems.com) (NYSE:DDD) today announced that it will preview new VisiJet® functional elastomers for the acclaimed [ProJet® 5500X](#) composite 3D printer at EuroMold 2014 in Frankfurt, Germany. These new additions to the VisiJet materials line gives product designers and engineers even more versatility to create models, functional prototypes and end-use parts with multiple material printing.

With the strength of an expanded materials selection, the ProJet 5500X excels in a variety of applications, including overmolded parts, multi-material assemblies, rubber-like components, long-lasting living hinges and high temperature testing. The ProJet 5500X creates composites on the fly, layer by layer at the pixel level, allowing customers to create multiple material parts without the time and expense of assembly. The ProJet 5500X also boasts a 60% larger volume than comparable systems and includes 3DS' exclusive five-year print head warranty saving tens of thousands in service and operating costs versus other printers in its class.

"3D printing is all about expanding options, enabling creativity and getting rid of manufacturing boundaries," said Buddy Byrum, Vice President, Product and Channel Management, 3DS. "With the new VisiJet elastomers for the ProJet 5500X, we're granting new degrees of freedom for manufacturers, designers and engineers—the

freedom to make prototypes and end-use parts with specific properties that are fully functional and tough. That means real parts in less time with engineered performance.”

The ProJet 5500X’s new VisiJet elastomers are tough, function-grade, flexible materials, available in black and translucent in early 2015. Combining the new materials with either the VisiJet ABS-like white or VisiJet polycarbonate-like clear materials, the ProJet 5500X can create up to 14 unique materials in a single print, so it’s easier than ever to produce working prototypes and end-use parts. Mechanical properties for the new elastomers range from a shore A value starting at 30 and rise in increments of 10, allowing for precise selection of properties to fit specific application requirements.

3DS will preview these new materials at EuroMold 2014 in Frankfurt, Germany from November 25-28, 2014, at the Messe Frankfurt in booths D69 and F90 in hall 11, along with 3DS’ latest 3D printers, advanced material options, cloud-sourced custom parts and digital thread of 3D capture, creation, print and inspection tools.

For more details on 3DS’ announcements at EuroMold 2014, please visit 3dsystems.com/resources/press-room/euomold-2014. Also join 3D Systems’ President and CEO, Avi Reichental, for a broadcast of 3DS’ extensive showing at EuroMold starting on Tuesday, November 25, 2014 at 10:00 a.m. EST by visiting 3dsystems.com/resources/press-room/euomold-2014 and clicking on the broadcast link.

Learn more about 3DS’ commitment to manufacturing the future at www.3dsystems.com.

About 3D Systems

3D Systems is pioneering 3D printing for everyone. 3DS provides the most advanced and comprehensive 3D design-to-manufacturing solutions including 3D printers, print materials and cloud sourced custom parts. Its powerful digital thread empowers professionals and consumers everywhere to bring their ideas to life in material choices including plastics, metals, ceramics and edibles. 3DS’ leading healthcare solutions include end-to-end simulation, training and integrated 3D planning and printing for

personalized surgery and patient specific medical and dental devices. Its democratized 3D design and inspection products embody the latest perceptual, capture and touch technology. Its products and services replace and complement traditional methods with improved results and reduced time to outcomes. These solutions are used to rapidly design, create, communicate, plan, guide, prototype or produce functional parts, devices and assemblies, empowering customers to manufacture the future.

Leadership Through Innovation and Technology

- 3DS invented 3D printing with its Stereolithography (SLA) printer and was the first to commercialize it in 1989.
- 3DS invented Selective Laser Sintering (SLS) printing and was the first to commercialize it in 1992.
- 3DS invented the ColorJet Printing (CJP) class of 3D printers and was the first to commercialize 3D powder-based systems in 1994.
- 3DS invented MultiJet Printing (MJP) printers and was the first to commercialize it in 1996.
- 3DS Medical Modeling pioneered virtual surgical planning (VSP) and its services are world-leading, helping many thousands of patients on an annual basis.

Today its comprehensive range of 3D printers is the industry's benchmark for production-grade manufacturing in aerospace, automotive, patient specific medical device and a variety of consumer, electronic and fashion accessories.

More information on the company is available at www.3dsystems.com.