



# News Release

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## 3D Systems Previews High-Capacity ProX™ 400 Direct Metal 3D Printer for Tool-Free Manufacturing

- High-quality, fully dense metal parts for demanding high-capacity industrial applications
- Manufactures the largest parts of any metal 3D printer
- Modular design for production environments - parts are automatically finished while the next part is printing
- Features 3DS' class-leading accuracy and surface quality

**ROCK HILL, South Carolina, November 18, 2014** – [3D Systems](http://www.3dsystems.com) (NYSE:DDD) today announced it will offer a preview of its latest industrial Direct Metal Printing (DMP) system, the [ProX™ 400](#), at EuroMold 2014 in Frankfurt, Germany. The ProX 400 gives aerospace and automotive companies, medical implant makers, tool & die makers and service bureaus the power to print high-quality, end-use metal parts faster and more economically than traditional processes allow. For parts up to 500 X 500 X 500 mm<sup>3</sup>, the ProX 400 produces strong, fully dense metals and exceptional surface finish, and it does so without the complexity of multi-step machining or the time and expense of tooling. The ProX 400 sets the standard for high-capacity metal 3D printing, producing precise parts in a multitude of alloys.

“Our direct metal 3D printers are known throughout the industry for precision and mechanical properties that rival precision machined parts from billet,” said Avi Reichental, President and CEO, 3DS. “With the ProX 400 we’ve added best-in-class productivity to go along with the accuracy, surface finish and metal quality of our other direct metal printers. That’s a winning combination for everyone from engine builders to

aircraft manufacturers, as well as service bureaus doing one-off specialty metal components.”

A breakthrough tool for a multitude of metals applications and project requirements, the ProX 400 is capable of printing in more than a dozen alloys, including stainless steel, aluminum, cobalt chrome, titanium and maraging steel. This material selection, along with the enlarged, 500 X 500 X 500 mm<sup>3</sup> print volume, means the ProX 400 is ready for whatever you can throw at it. The ProX 400 also ramps up the speed of industrial-grade metal 3D printing with a two-laser system that increases throughput and a modular design that makes it easy to turnaround print jobs in a little as 15 minutes. This fast, high-volume metals manufacturing printer offers simple, automated post-processing and material recycling features for advanced productivity.



“Our Direct Metal Printers and the ProX 400 are redefining metal manufacturing and the products they go into,” said Reichental. “Aerospace companies can make lighter weight parts that are simpler, require fewer assembly steps and offer better reliability. Manufacturers can create geometrically complex parts that could never be cast or machined. Medical device makers can print bio-compatible, patient-specific surgical implants in a manner that is scalable and cost efficient. The ProX 400 is changing the metal manufacturing paradigm from A to Z.”

The ProX 400 will be previewed at EuroMold 2014 in Frankfurt, Germany from November 25-28, 2014, at the Messe Frankfurt in booths D69 and F90 in hall 11. Commercial availability of the ProX 400 will be announced at a future date.

For more details on 3DS’ announcements at EuroMold 2014, please visit [3dsystems.com/resources/press-room/euomold-2014](http://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/euromold-2014](http://3dsystems.com/resources/press-room/euromold-2014) and clicking on the broadcast link.

### **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](http://www.3dsystems.com).