



# News Release

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## 3D Systems Continues Fab-Grade SLA Innovation with New ProX™ 800

- ProX™ 800 builds on accuracy, reliability and precision of 3DS' industry-leading Stereolithography (SLA®) technology
- Exceptional build volume and speed for automotive, aerospace, medical device manufacturing and 3D printing service bureaus
- Print flexibility and versatility with the widest range of SLA materials
- New features include revolutionary laser print head and material management systems, space-saving footprint and easy-to-use operator controls

**ROCK HILL, South Carolina, November 19, 2014** – [3D Systems](#) (NYSE: DDD)

today announced the immediate availability of the [ProX™ 800](#), the latest in the company's industry-leading family of accurate, production-level Stereolithography (SLA®) 3D printers. The ProX 800 production SLA printer features a revolutionary new laser print head and print material management system to lower the total cost of ownership. A new industrial design reduces the printer's footprint by up to 50%, doubling production output per unit of floor space, without sacrificing print volume or maximum part size capabilities. An upgraded easy-load resin module and integrated touchscreen controls make it easy to use.

This new production SLA printer offers high-quality, high-resolution 3D printed parts and a large print volume, allowing 3D printing service bureaus as well as automotive, aerospace, defense, consumer products, and dental and medical device manufacturers to boost production capabilities. Users can quickly create large parts or a vast number of small parts with the exceptional detail, surface finish and overall accuracy they've come to expect from 3DS' SLA.

“The ProX 800 is designed for serious volume production with the highest precision, highest accuracy and broadest array of functional plastic materials in 3D printing. Its large build volume is equally capable across both big and small parts while delivering the lowest part cost and lowest total cost of ownership available in a production grade printer,” said Buddy Byrum, Vice President of Product and Channel Management, 3DS. “We continue to innovate SLA technology, and have made it more economical and efficient than ever before.”

This new production 3D printer improves the already legendary reliability of SLA with new features including:

**50% smaller footprint, doubling production output per unit of floor space**

A 50% smaller footprint, compared to previous models in its class, drives operational efficiencies. By simplifying the printer architecture and optimizing ergonomic efficiency for machine operation and service, the new ProX 800 can print up to two times the output per unit of floor space, resulting in production growth without additional facilities costs.



**Innovative direct power print head control reducing total cost of ownership**

Advanced print head control boosts useable print head output, extending print head life by up to 15% and reducing total cost of ownership.

**Dust-proof print heads reduce maintenance, maximizing uptime**

Fully enclosed print heads are impervious to dust build-up, requiring no cleaning and increasing mean time between service (MTBS) and resulting uptime.

**New touchscreen and easy-load materials for maximum operator efficiency**

The ProX 800's new touchscreen provides fingertip control while the new, easy-load material delivery module provides ergonomic, fast, intuitive operation to maximize operator efficiency.

For parts small and large, the ProX 800 prints with no loss of resolution or accuracy. Whether it's being used for dental guides, end-use plastic housings or huge casting patterns, users benefit from part accuracy that rivals traditional machining.

The ProX 800 combines the benefits of material versatility and a highly efficient, eco-friendly 3D printer, allowing manufacturers to do more while saving money. In addition to high-quality plastic, the ProX 800 features biocompatible materials approved for surgical applications, CastPro casting pattern material for creating direct casting patterns without tooling, clear plastics for prototype applications, and high heat materials for heat deflection up to 260 degrees Celsius. The ProX 800 prints each of these materials efficiently with very little material waste, all in a machine with the lowest cost of operation for high-capacity 3D printing.

"It's not enough to only create high-quality prints anymore. Our customers need a dependable 3D printer, something that they can count on regardless of part size and material requirements," said Byrum. "That's what the ProX 800 delivers. It's the versatile workhorse for a huge range of industrial applications."

3DS invented SLA printing and was the first to commercialize it in 1989. Today its SLA printers continue to be the industry's gold standard for producing functional prototypes, master patterns, molds, concept models and end-use components in a variety of industries.

The ProX 800 SLA production printer is immediately available and will be on display 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. Watch a video showcasing the capabilities of this new production SLA printer [here](#).

For more details on 3DS' announcements at EuroMold 2014, please visit [3dsystems.com/resources/press-room/euromold-2014](http://3dsystems.com/resources/press-room/euromold-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.

Learn more about 3DS' commitment to manufacturing the future at [www.3dsystems.com](http://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](http://www.3dsystems.com).