



The Production Series



Production. Without the line.

The Production Series



Rethink the factory floor.

Imagine it: Production without the expense and time requirements of tooling. Having low-cost jigs, fixtures or check gauges the next day. Evaluating advanced functional prototyping. Making changes on the fly. Saving resources. Gaining a real competitive edge. With the Stratasys Production Series, it's more than possible; it's happening.

Digital manufacturing is where the world is going. And leveraging the truly transformative technologies of the Stratasys Production Series is the fastest way to get you there. Now, your manufacturing operation can be more agile and cost-effective, and your inventories can become virtual.

**Multiple 3D production systems.
Your ticket to the world of digital manufacturing.**

The Stratasys Production Series includes a family of top-of-the-line 3D production systems. No other 3D system can deliver the same advanced performance in everything from tooling, jigs and fixtures to production-grade end-use parts and advanced functional prototyping.

About FDM®

Our proven Fused Deposition Modeling (FDM Technology™) is the foundation for the Production Series. Two materials (one for models, one for support) are heated in an extrusion head and deposited in thin layers on a modeling base, directed by Stratasys Insight Software™. Then, the part is precisely built, layer upon layer. When the build is complete, the support material is removed, leaving an accurate, durable, functional part.

How it works

With Stratasys 3D Production Systems, making parts or prototypes is as easy as 1-2-3.

- [1] **File Pre-Processing.** Process your 3D part in Insight Software and send your design directly to the production system. Insight Software operates over a network, so all job status details can be viewed remotely, once started.
- [2] **Part Production.** FDM Technology makes it possible to build your 3D part and its support material — layer by layer — from the bottom up on a removable modeling base.
- [3] **Support Removal.** Take your printed part out of the printer's build chamber, and remove supports by hand or wash away with a hands-free removal system.



Why consider Stratasys Production Series 3D Printers?

**They're powered by you
and an industry-leading technology.**

It's amazing the way Stratasys FDM Technology works to produce tooling, functional prototyping and end-use parts. This advanced, powerful, stable platform works seamlessly with 3D CAD software to bring your parts to life. And, with Stratasys Insight Software you can manage the entire process with the push of a button.

Ridiculous requirements? No problem.

You have tight deadlines, changing schedules and revised designs? No sweat. With the Production Series by Stratasys, you can handle a wide variety of jobs faster and more efficiently. Add agility to your manufacturing process and cut time from production tooling processes.

Now, *this* is reality.

Turn your 3D CAD files into real parts. That means anything from functional prototypes to production-grade manufacturing tools and end-use parts. And do it within hours. With the advanced production-grade materials and exact tolerances you can have with production of your parts, you get products to market faster.

They work as hard as you.

The Stratasys Production Series is as versatile and durable as the real parts these systems produce. In fact, they're true workhorses, delivering the high throughput, duty cycles and utilization rates that make digital manufacturing not only possible, but practical.

**More material options
mean less manufacturing limitations.**

The Stratasys Production Series offers a variety of ABS, PC, PPSF and Ultem* thermoplastic materials to choose from – so whether you need high-impact resistance or heat deflection, tensile or elongation strength, color or translucency, these systems have you covered. And materials are environmentally stable, so overall shape and part accuracy don't change with ambient conditions over time, unlike the resins and powders in competitive processes.

The possibilities are limited only by your imagination.

You can build 3D CAD designs, streamline production with custom fabrication and assembly tools and tooling masters, and eliminate tooling costs for short runs. Breakthrough designs, process innovations, just-in-time manufacturing — they can do it all.

Do more. Save more.

Now that you can build manufacturing tooling including jigs, fixtures and end-use parts — without expensive machining or tooling — it's easy to see how quickly a strong ROI can be realized with the Stratasys Production Series.



Fortus 250mc™

This is the most affordable 3D production system in the Production Series. With a 254 x 254 x 305 mm (10 x 10 x 12 in.) build envelope, the Fortus 250mc produces strong and accurate parts that blur the line between what is real and what is the test.



Fortus 360mc™

You'll be amazed at the choices you have! The Fortus 360mc menu includes a choice of six colors and hands-free or breakaway support materials. You can print in ABS-M30™, PC-ABS and PC, all with end-use strength for durable real-world applications.



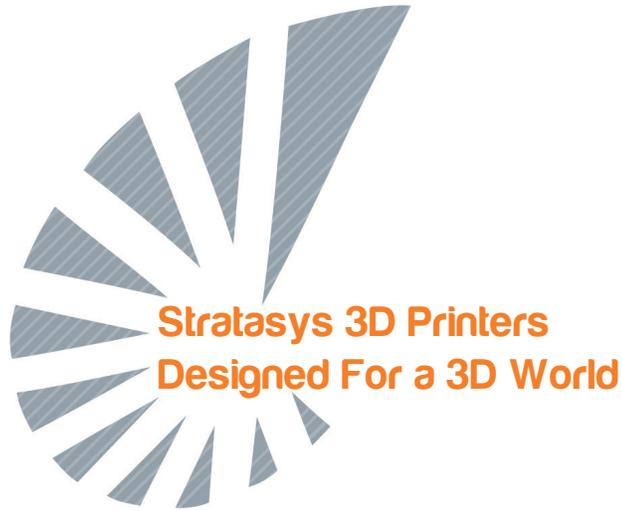
Fortus 400mc™

Our Fortus 400mc offers the widest range of production-grade thermoplastics and is engineered to provide accurate, repeatable builds. This system is ideal for custom configurations, great surface finish and feature detail, and high-performance materials suited for a variety of thermal and chemical environments.



Fortus 900mc™

This is the top-of-the-line 3D production system. You get all the advantages of the Stratasys Production Series and a massive build envelope of almost 510,000 cm³ (31,000 in³). This is where the game really changes for your large-scale manufacturing needs.



Today, wherever speed, efficiency and accuracy matter, you'll find a Stratasys 3D Printer at work. From product design studios, engineering departments and manufacturing plants to schools, hospitals and dental labs — the next industrial revolution has clearly arrived. And Stratasys is here to lead it.

Stratasys is at the forefront of this game-changing revolution — creating an unprecedented, amazingly powerful resource for the world of design, engineering and manufacturing. The resulting systems offer a variety of professional 3D printing solutions — from desktop 3D printers for idea development to medium-sized 3D printers for functional prototyping, all the way up to large-scale production systems for direct digital manufacturing. Simply put: the universe of creation will never be the same.

Learn more at Stratasys.com.

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