



New Stratasys F3300 Significantly Boosts PADT's 3D Printing Services Efficiency and Capability



The Stratasys F3300 is What Users Have Been Asking For – Faster, Higher Yield, Better Material Handling, Multiple Heads, and More

TEMPE, Ariz. - April 25, 2024 - [PRLog](#) -- [PADT](#), a globally recognized provider of numerical simulation, product development, and 3D printing products and services, announced the addition of a new additive manufacturing (AM) system to their arsenal of 3D Printers, the Stratasys F33000. This new industrial Fused Deposition Modeling (FDM) solution from [Stratasys](#), the global leader in AM and inventors of FDM, is the end-product of years of customer interviews, R&D, and testing. As 3D Printing moves from prototyping to more tooling and production applications, users are demanding greater flexibility, speed, and accuracy while also seeking devices that require less maintenance and simpler operation. The F3300 meets and exceeds those demands.

"We have been providing FDM technology to our customers for over 25 years, and with every new system from Stratasys, we have seen a major increase in capability and part quality," commented Rey Chu, PADT Co-Founder and leader of the Digital Manufacturing Team, "The F3300 is no different. Our engineers returned from training with so many good things to say about this machine and how it will allow us to deliver a wide range of parts to our customers in less time with less effort."

The list of enhancements in the [Stratasys F3300](#) is long, but here are the highlights:

- Overall print speed is up to twice as fast as other extrusion-based 3D printing machines
 - Faster gantry speed resulting in faster print speeds and greater part throughput
 - New extruder technology delivers faster extrusion rates, also increasing print speeds
 - Multiple extruders providing redundancy, higher reliability, and less non-print time
- Autocalibration after a material change
- Automatic tool changer swaps out extruders as needed
- Multiple print resolutions in the same print run

- Larger material spools (4100 cc) and integrated material dryers
- Improved real-time monitoring and control software
- Compatible with GrabCAD print, GrabCAD Print Pro, and Insight software

The 600 x 600 x 800mm build volume and three build resolutions (0.188, 0.250, and 0.500mm) are a perfect fit for the vast majority of FDM parts that PADT builds for its customers. The most commonly requested materials, ASA, polycarbonate, ULTEM 9085, and FDM Nylon 12CF, are supported.

The new F3300 will join PADT's F900, F350, and F370 FDM systems to provide lower costs, faster turnaround, greater material options, and improved part quality. In addition, PADT provides 3D Printing services that utilize Stratasys' Polyjet, Stereolithography (SL), Programmable Photo Polymerization (P3), and Selective Absorption Fusion (SAF) systems. PADT also offers metal AM part creation using EOS's Direct Metal Laser Sintering (DMLS) technology.

PADT is a Stratasys Platinum partner and sells the complete line of Stratasys additive manufacturing solutions, including the new F3300, in Arizona, Colorado, New Mexico, Texas, and Utah. PADT's engineers also provide local support and maintenance.

Learn More About the Stratasys F3300

To learn more about the F3300, [visit our website](#) or reach out to productinfo@padtinc.com. If you would like to create your parts on the F3300 or any of PADT's AM systems, visit our [services page](#) and request a quote or reach out to 3dprint@padtinc.com.

About PADT, Inc

Phoenix Analysis and Design Technologies, Inc. (PADT) is an engineering product and services company that focuses on helping customers who develop physical products by providing Numerical Simulation, Product Development, and 3D Printing solutions. The company is an Ansys Elite Channel Partner and a Stratasys Platinum Partner. They are also a channel partner for Flownex, EOS, and ZEISS #handsonmetrology. PADT's worldwide reputation for technical excellence and experienced staff is based on its proven record of building long-term win-win partnerships with vendors and customers. Since its establishment in 1994, companies have relied on PADT because "We Make Innovation Work." With over 90 employees, PADT services customers from its headquarters at the Arizona State University Research Park in Tempe, Arizona, and from offices in Torrance, California, Lakewood, Colorado, and Albuquerque, New Mexico, as well as through staff members located around the country. More information on PADT can be found at www.PADTINC.com.

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