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Stratasys Unveils Game-changing Printing Solution with High Precision for Manufacturers Seeking Short Production Runs

New Origin Two 3D Printer with Origin Cure Features Exceptional Accuracy, Repeatability and Surface Finish Comparable to Injection-molding

Breakthrough solution is part of Stratasys' complete offering across the production cycle, bringing manufactures the unique advantages of additive manufacturing for both scale and low-volume production

EDEN PRAIRIE, Minn. & REHOVOT, Israel--(BUSINESS WIRE)--[Stratasys](https://www.businesswire.com/news/home/20240904116368/en/) (NASDAQ: SSYS), today announced the availability of the Origin® Two DLP printer in tandem with its own post-processing system, the Origin Cure™. This solution addresses the growing demand among manufacturers for injection-molding quality for short production runs, delivering a level of accuracy, repeatability, and surface finish previously unattainable with additive manufacturing.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20240904116368/en/>

Stratasys' Origin® Two DLP printer (Photo: Business Wire)

Traditional high-volume manufacturing is under pressure due to a myriad of challenges, such as supply chain disruptions, material shortages, and changing consumer preferences. There is a growing demand for low-volume production solutions to offset the costs of mass production. Additive manufacturing with the new Origin Two is designed to eliminate the high setup and tooling costs typical for low to medium volume production, while meeting customers' most stringent precision requirements.

The new Origin Two, with Origin Cure, aims to address the key pain points by enabling manufacturers to:

- Ensure that end parts meet required properties by maintaining stringent quality controls
- Bring production in-house, thereby reducing reliance on third parties
- Improve inventory management and lower warehousing costs with on-demand delivery of spare parts
- Consolidate part manufacturing into a single process with better consistency

"Additive manufacturing has grown to be a critical component of production at any scale on the manufacturing floor," said Rani Hagag, Chief Healthcare and Consumer Business Officer, Stratasys. "With the new Origin® solution, manufacturers in need of low volume,

high precision parts now have an alternative to mass production that can meet their most stringent requirements, something which was not possible with additive before.”

The new solution is designed to achieve consistently higher accuracy of +/- 50 µm, critical for industries such as connectors, aerospace and automotive. For applications such as seals and gaskets, housings and window parts, it provides additional essential features including:

- Achieving repeatability of more than 93% within +/- 50 µm across Origin Two printers, and surface finish smoothness of up to RA 3 µm, while maintaining high-print speeds up to 20 mm/hour.
- The heated chamber of the Origin Two enables reliable printing of materials with a Heat Deflection Temperature (HDT) of up to 300°C, making it suitable for a wide range of high-performance applications.
- Running on a 385-nanometer wavelength, the Origin Two system supports a broad range of high-performance materials, from high-temperature resins to high-viscosity formulations.

"Additive manufacturing is becoming increasingly valuable for low production volumes in the manufacturing sector," said Ryan Martin, Senior Research Director, ABI Research.

"Manufacturers are using 3D printing for low-volume and custom parts, which helps reduce lead times and waste. This allows for greater flexibility and cost efficiency, supporting both prototyping and on-demand production. As a result, additive manufacturing is proving to be a practical solution for companies looking to adapt quickly to market needs and reduce inventory costs."

Where to see the new Origin Two and Origin Cure:

The Origin® Two and Origin Cure™ will be showcased at the Stratasys booth (West Building Foyer, booth #433007) at the upcoming International Manufacturing Technology Show (IMTS) in Chicago, September 9-14.

The new hardware is commercially available starting September 5th; for more information, or to schedule a demo, please visit the Stratasys [website](#).

About Stratasys

Stratasys is leading the global shift to additive manufacturing with innovative 3D printing solutions for industries such as aerospace, automotive, consumer products and healthcare. Through smart and connected 3D printers, polymer materials, a software ecosystem, and parts on demand, Stratasys solutions deliver competitive advantages at every stage in the product value chain. The world's leading organizations turn to Stratasys to transform product design, bring agility to manufacturing and supply chains, and improve patient care.

To learn more about Stratasys, visit www.stratasys.com, the Stratasys [blog](#), [Twitter](#), [LinkedIn](#), or [Facebook](#). Stratasys reserves the right to utilize any of the foregoing social media platforms, including Stratasys' websites, to share material, non-public information pursuant to the SEC's Regulation FD. To the extent necessary and mandated by applicable law, Stratasys will also include such information in its public disclosure filings.

Note Regarding Forward-Looking Statement

The statements in this press release relating to Stratasys' beliefs regarding the benefits consumers will experience from using the Origin® Two DLP printer, it's time of general ability and other statements in this press release are forward-looking statements reflecting management's current expectations and beliefs. These forward-looking statements are based on current information that is, by its nature, subject to rapid and even abrupt change. Due to risks and uncertainties associated with Stratasys' business, actual results could differ materially from those projected or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to: the degree of our success at introducing new or improved products and solutions that gain market share; the degree of growth of the 3D printing market generally; the impact of potential shifts in the prices or margins of the products that we sell or services that we provide, including due to a shift towards lower-margin products or services; the impact of competition and new technologies; potential further charges against earnings that we could be required to take due to impairment of additional goodwill or other intangible assets; to the extent of our success at successfully consummating acquisitions or investments in new businesses, technologies, products or services; potential changes in our management and board of directors; global market, political and economic conditions, and in the countries in which we operate in particular; risks related to infringement of our intellectual property rights by others or infringement of others' intellectual property rights by us; the extent of our success at maintaining our liquidity and financing our operations and capital needs; the impact of tax regulations on our results of operations and financial condition; and other risk factors set forth under the caption "Risk Factors" in Stratasys' most recent Annual Report on Form 20-F, filed with the Securities and Exchange Commission (SEC) on March 11th, 2024. Readers are urged to carefully review and consider the various disclosures made throughout our 2023 Annual Report and our other reports filed with or furnished to the SEC, which are designed to advise interested parties of the risks and factors that may affect our business, financial condition, results of operations and prospects. Any guidance provided, and other forward-looking statements made, in this press release are made as of the date hereof, and Stratasys undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

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