



NEWS RELEASE

STRATASYS INTRODUCES H350 3D PRINTER FOR PRODUCTION-SCALE ADDITIVE MANUFACTURING

Powered by SAF technology, the H350 printer is designed to deliver consistent, accurate, production-grade parts with affordable and predictable costs compared to traditional manufacturing or competing 3D printers

The H350 even includes a dozen parts 3D printed with SAF technology

EDEN PRAIRIE, Minn. & REHOVOT, Israel, Apr. 27, 2021 – [Stratasys](#) Ltd. (NASDAQ: SSYS), a leader in polymer 3D printing solutions, today introduced the Stratasys H350™ 3D printer, designed specifically for end-use parts production. Powered by SAF™ technology, the new H350 printer is designed to give manufacturers production consistency, a competitive and predictable cost per part, and complete production control for volumes of thousands of parts. The H350 printer even includes a dozen different parts 3D-printed with SAF technology.

The printer is expected to commence shipping in Q3 of 2021, and parts printed on the H350 are available today in limited quantities via [Stratasys Direct Manufacturing](#).

“We see production-scale 3D printing transforming manufacturing in industries around the world as companies seek to move with more agility and efficiency,” said Omer Krieger, Stratasys’ executive vice president of product strategy and corporate development. “We

believe the H350 and SAF technology will stand out compared to traditional manufacturing methods and alternative 3D printing solutions when you need reliable and repeatable production at volumes of several thousand parts and with compelling economics.”



Stratasys shared details about SAF technology in March. The industrial-grade additive manufacturing technology executes key 3D printing steps in the same direction across the print bed to provide a uniform thermal experience – and therefore part consistency – for all printed parts regardless of their placement in the build. SAF can also contribute to lower operational costs and increase their predictability. For example, the Big Wave™ powder management system reduces powder aging, while the warranty-protected industrial piezo-electric print heads have been designed to require no regular replacement.



The H350 is designed to meet the needs of customers in industries such as commercial goods, automotive, and consumer goods and electronics that benefit from the ability to quickly produce large volumes of 3D-printed parts with compelling and predictable economics. Service bureaus and contract manufacturers also benefit

from the industrial-grade performance of the system. Applications include end-use parts such as covers, connectors, hinges, cable holders, electronics housing, and ducting.

Goetz Maschinenbau, a Germany-based service bureau providing on-demand parts, is beta-testing an H350 3D printer. The company provides a variety of automotive, consumer goods, and medical industry customers with end-use plastic parts, and already owns Stratasys FDM and PolyJet systems. Adding a new SAF-based 3D printer is a significant growth opportunity for the company, as it expands beyond CNC machining for end-use parts.

“We have ambitious plans to grow our business and we believe adding a Stratasys H350 will be a key component of that growth,” said Owner Philipp Goetz. “We have fulfilled orders for both large parts as well as up to several hundred smaller parts. We have been impressed with the performance of the system and SAF technology, with consistent parts throughout the build volume. The system has also been impressively reliable.”

The H350 provides several control features designed to ensure the system is production-ready for companies ready to embrace additive manufacturing at scale. All build data is logged for process traceability and remains fully under the customer's control. Materials can be controlled, tracked and traced, and print-settings can be fine-tuned for each customer's needs.

Part Packing Density

The architecture of SAF technology enables part packing in the volume to a standard density of up to 12%, compared to the 6-10% density that is more typical for powder bed fusion 3D printers. Moreover, Stratasys has been able to demonstrate support for packing densities of up to 23.5% in real-world conditions. Packing density directly translates into either more parts per build or a faster build time.

Material

For the H Series™ Production Platform, Stratasys is using certified third-party materials. The initial material for the H350 is Stratasys High Yield PA11, which is a bio-based plastic made of renewable raw materials derived from sustainable castor oil. Compared to PA12, PA11 has a lower environmental impact, has superior thermal resistance and is less brittle. It has passed initial tests including ISO 10993-5 for cytotoxicity and UL94 HB for flammability. Stratasys ultimately plans to support a wide range of certified polymer materials, supported by the versatility of SAF technology.

Software

Recognizing the importance of enterprise connectivity for production scale and efficiency, H350 customers will be able to integrate with manufacturing floor systems through the MT Connect standard. Customers will also be able to utilize software applications such as Materialise's Magics, Siemens NX, and PTC Creo with Stratasys Build Processor. Stratasys will also provide GrabCAD Print support in the future for build preparation.

A live event, with replay available, will be held on Wednesday, April 28, to provide more information, or visit the [H350 product page](#).

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](#).

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Note Regarding Forward-Looking Statement

The statements in this press release relating to Stratasys' beliefs regarding the benefits consumers will experience from using the Stratasys H350 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 duration of the global COVID-19 pandemic, which, if extensive, may continue to impact, in a material adverse manner, our operations, financial position and cash flows, and those of our customers and suppliers; 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 (including risks related to the impact of coronavirus on our operations, supply chain, liquidity, cash flow and customer orders; costs and potential liability relating to litigation and regulatory proceedings; 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 1st, 2021. Readers are urged to carefully review and consider the various disclosures made throughout our 2020 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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