

DYEMANSION AND STRATASYS JOIN FORCES TO DELIVER COMPLETE INDUSTRIAL ADDITIVE MANUFACTURING ARCHITECTURE FOR END-USE PARTS



Parts printed on the Stratasys H350 before and after being colored using DyeMansion Print-to-Product post-processing.

Using Stratasys' H350 3D printer the companies created a comprehensive reference architecture for production-scale end-use parts

May 3, 2021 (MUNICH, GERMANY & REHOVOT, ISRAEL) - [Stratasys](#) Ltd. (NASDAQ: SSYS), a leader in polymer 3D printing solutions, and [DyeMansion](#), a global leader in post-processing solutions for industrial polymer 3D printing, today announced a strategic alliance to create the first reference architecture for production scale additive manufacturing. The reference architecture outlines a process for using additive manufacturing to mass produce 3D-printed end-use parts with consistently high-quality and priced competitively with traditional manufacturing



processes. The architecture is based on Stratasys' new H Series™ Production Platform in combination with the DyeMansion Print-to-Product post-processing platform.

Last week, Stratasys introduced the [Stratasys H350™](#) 3D printer, a powder-bed system designed specifically for end-use parts production. Powered by SAF™ technology, the new H350 printer is designed to deliver manufacturers production consistency, a competitive and predictable cost per part, and complete production control for volumes of thousands of parts. Stratasys recommends the DyeMansion solution for post-processing, having evaluated it with the H350 printer and its initial PA11 polymer material.

The DyeMansion Print-to-Product workflow complements the H350 printer with an industrial solution for cleaning, surfacing, and coloring parts. Depending on the end-use application requirements, customers can choose between two different finishes: an aesthetic semi-gloss finish delivering a homogeneous scratch resistant surface, or a more functional finish delivering completely sealed and washable surfaces. The Print-to-Product workflow enables various applications such as eyewear, automotive interior or spare parts, and medical devices and orthotics.

“Together with DyeMansion, we’re giving our customers a comprehensive, proven additive manufacturing process tailored to our H350 3D printer. This enables our customers to easily move from powder to consistent, quality finished parts at scale. The alliance will help accelerate the adoption of SAF technology for end-use parts production,” said Patrick Carey, senior vice president, Americas Products and Solutions, Stratasys.

The Stratasys and DyeMansion alliance has allowed the companies to combine their mutual expertise and industry knowledge to not only create the reference



architecture, but to produce a unique, sustainable solution for cleaning, chemical smoothing and dyeing. Manufacturers can now move their parts from print to post-process through an integrated offering that drives greater value and offers a unique solution compared to those on the market today.

“We are extremely happy that Stratasys has partnered with us to create this reference architecture. Together we are able to deliver best-in-class solutions to our customers and demonstrate the value of combining their new SAF technology with our solutions to enable high-value and high-volume applications across various industries. The future of industrial 3D printing starts here. We are very excited about our partnership and are even more excited to see where our partnership will take us,” says Felix Ewald, Co-Founder & CEO of DyeMansion.

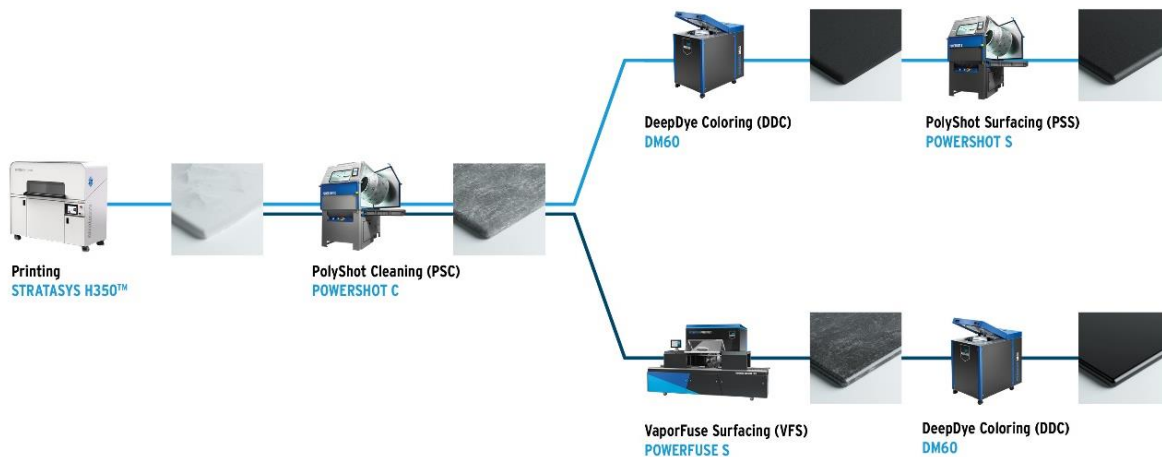


DyeMansion offers a variety of surfacing options for parts printed using Stratasys SAF technology. (left: raw part, middle: PolyShot Surfacing, right: VaporFuse Surfacing)

Stratasys and DyeMansion will hold an educational session on Tuesday, May 4 at the AMUG Conference in Orlando, Fla. During their session, "Enabling Applications with a complete AM Architecture," Tim Heller, commercial leader

for H-Series products at Stratasys, and Michael Schorr, head of Application Consulting at DyeMansion North America, Inc., will discuss the reference architecture and show the first parts produced as part of the process.

To further complement the reference architecture, the companies are working on a joint go-to-market strategy that will provide customers with solutions across various applications. Together they plan to advance the reference architecture with solutions for different applications and the process chain will be continuously updated with new state-of-the-art technology from both companies. The reference architecture will be installed on-site at [Stratasys Direct](#) later this year and once successfully installed, the whole factory concept will be accessible for interested parties in the form of factory tours or on-site workshops.



The reference architecture outlines a process for using additive manufacturing to mass produce 3D-printed end-use parts with consistently high-quality and priced competitively with traditional manufacturing processes.



ABOUT DYEMANSION

DyeMansion is the global leader in post-processing solutions for industrial polymer 3D-printing that turn 3D-printed raw parts into high-value products. From perfect fit eyewear to personalized car interiors, their technology makes 3D-printed products become a part of our everyday life. Starting in 2015 with the first industrial coloring solution for powder bed fusion parts, the Munich-based company extended its portfolio with advanced part cleaning and surfacing solutions for a wider range of 3D-printing technologies in the field of plastics. Today, DyeMansion's Print-to-Product workflow combines industry-leading hardware with the widest range of color options on the market. Their systems are applicable for Industry 4.0 and can be integrated seamlessly into various production processes. The ability to provide a flexible solution for both small batches and high volumes makes DyeMansion a trusted partner for future factories. Through close collaboration with customers across all industries, the 3D-finishing technology and expertise continuously grow with the market. Reduced cost per part, unmatched quality, and high sustainability are core values that drive each innovation of the fast-growing company. In addition to these principles, finding the right finish for every application is what drives them.

Learn more about DyeMansion and visit www.dyemansion.com, [LinkedIn](#), [Instagram](#) or [Twitter](#).

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 the company's 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.

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