

Press Release

3D Systems Corporation
333 Three D Systems Circle
Rock Hill, SC 29730
www.3dsystems.com
NYSE:DDD

Investor Contact: investor.relations@3dsystems.com
Media Contact: press@3dsystems.com

3D Systems Expands Portfolio of Jewelry Pattern Manufacturing Solutions with Introduction of New Printer and Wax Material

- MJP 300W jewelry printer raises bar on capability with improved speed, surface finish, and reliability including two new build modes
- VisiJet® Wax Jewel Ruby endures high temperatures to maintain fine feature details of intricate patterns, enables presetting of stones for increased efficiency
- New solution designed to address growing global 3D printed jewelry market — expected to exceed \$22 billion by 2030

ROCK HILL, South Carolina, October 5, 2023 – Today, [3D Systems](http://www.3dsystems.com) (NYSE:DDD) announced the [MJP 300W](#) and [VisiJet® Wax Jewel Ruby](#) - two additions to its portfolio of end-to-end solutions for jewelry manufacturing. The company's new MJP 300W is the most advanced and flexible of its wax 3D printers, capable of addressing a variety of jewelry manufacturing workflows with enhanced productivity, efficiency, quality, and design freedom. Additionally, 3D Systems' new VisiJet Wax Jewel Ruby material is a tough, temperature-stable pure wax that provides the optimal combination of flexible material properties and good dimensional stability in high-temperature environments. As a result, it is possible to maintain details of the most intricate jewelry designs during the molding process, reducing the likelihood of breakage or distortion to enable a flawless final piece. The combination of this print platform and material is allowing producers of wax jewelry patterns — from high-volume manufacturers to custom jewelry makers — to more efficiently achieve new designs with greater design freedom and improved surface finish.

The use of 3D printing in the jewelry industry is anticipated to accelerate throughout the decade. According to a report released by Contrive Datum Insights in March 2023, the total addressable global 3D-printed jewelry market was more than \$8 billion in 2022 and is expected to reach more than \$22 billion by 2030. 3D printing has the potential to play an increasingly important role in jewelry manufacturing, enabling efficient design and production of unique patterns that are not possible to produce with conventional methods. This allows for mass customization by jewelry makers to meet consumers' specific requirements in a rapidly changing marketplace. 3D Systems' wax material portfolio, combined with its industry-leading 3D printing portfolio and software integration is well-positioned to play a pivotal role in accelerating the adoption of the technology.

New Wax Printer Model Enhances Resolution, Boosts Efficiency

With the introduction of the MJP 300W, 3D Systems is unveiling two new print modes, QHD and UHD. QHD mode enables more than 50% improved resolution in all axes (i.e., 2,000 dpi in X, 1,800 dpi in Y, 2,900 dpi in Z) and 9.5 µm layer thickness as compared to the previous generation wax 3D printer. This delivers premium quality surface finish allowing designs to be produced with less finishing required. QHD also enables the printing of more complex designs where polishing is not practical or impossible. UHD mode offers 2x faster print speed than XHD on the ProJet® MJP 2500W Plus, introduced earlier this year. UHD offers significantly increased throughput and reduces the labor required for finishing and polishing. The availability of four print modes (i.e., QHD, UHD, XHD, ZHD) offers improved flexibility in build planning for both day and night shifts to match the level of speed, geometric complexity, and surface quality required by all design styles.

The company has also made it easier to monitor a print job's progress through the addition of an industrial stack light. This easy-to-see light can be conveniently positioned for the greatest visibility on the printer or an adjacent surface such as a desk or a cabinet. Additionally, reliability improvements through print head and hardware modifications increase the uptime by decreasing replacement frequency and lower the cost of ownership.

New 100% Wax Material Delivers Optimized Mechanical Properties

3D Systems' VisiJet Wax Jewel Ruby is the company's most advanced material to deliver durable patterns that help create flawless final pieces. Patterns produced with VisiJet Wax Jewel Ruby have increased thermal stability as compared to the recently introduced VisiJet Wax Jewel Red. Additionally, patterns created using VisiJet Wax Jewel Ruby exhibit durability that enables them

to resist breaking through normal handling and maintain their dimensional stability through shipping. This latest material also enables pre-setting of stones to accelerate the production of the final piece.

According to Shashidhar Kumar, partner, Shree Rapid Technologies, "We were pleased to have early access to this material for our jewelry manufacturing applications. Our experience has shown that it is very easy to handle, and delivers patterns with improved strength and flexibility, enabling us to provide higher quality, durable patterns to our customers. Additionally, the material is best suited for pre-setting stones, which is helping our customers improve efficiencies when creating pieces with intricate details."

Further expanding the extensive range of addressable designs, VisiJet Wax Jewel Ruby complements 3D Systems' currently available wax materials — [VisiJet Wax Jewel Red](#) and [VisiJet M2 Cast](#) — which can also be used in conjunction with the MJP 300W.

"One of the greatest benefits of additive manufacturing is providing unlimited design freedom, which is especially important to unleash the creativity required by skilled artisans," said Marty Johnson, vice president, product & technical fellow, 3D Systems. "With the introduction of the MJP 300W and our new VisiJet Wax Jewel Ruby material, we are providing producers of wax jewelry casting patterns with enhanced capabilities to improve productivity and processes that ensure reliability. 3D Systems' full system integration of the materials, printer, print process, and software which is strengthened by our application expertise and global customer success team is enabling our jewelry manufacturing customers to achieve new levels of innovation, quality, and reliability. The latest additions to our end-to-end solutions for jewelry manufacturing reinforce our commitment to addressing our customers' needs to gain unprecedented levels of agility with ease of use that ensures high-quality results at any scale."

The MJP 300W and VisiJet Wax Jewel Ruby are both planned to be available in November 2023. Anyone who is attending the Istanbul Jewelry Show and would like to learn more is invited to stop by 3D System's partner, Luka Teknik Malzeme Pazarlama Ltd.'s booth (1F30). For more information on 3D Systems' portfolio of end-to-end jewelry manufacturing solutions, please visit [the company's website](#).

Forward-Looking Statements

Certain statements made in this release that are not statements of historical or current facts are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of the company to be materially different from historical results or from any future results or projections expressed or implied by such forward-looking statements. In many cases, forward-looking statements can be identified by terms such as "believes," "belief," "expects," "may," "will," "estimates," "intends," "anticipates" or "plans" or the negative of these terms or other comparable terminology. Forward-looking statements are based upon management's beliefs, assumptions, and current expectations and may include comments as to the company's beliefs and expectations as to future events and trends affecting its business and are necessarily subject to uncertainties, many of which are outside the control of the company. The factors described under the headings "Forward-Looking Statements" and "Risk Factors" in the company's periodic filings with the Securities and Exchange Commission, as well as other factors, could cause actual results to differ materially from those reflected or predicted in forward-looking statements. Although management believes that the expectations reflected in the forward-looking statements are reasonable, forward-looking statements are not, and should not be relied upon as a guarantee of future performance or results, nor will they necessarily prove to be accurate indications of the times at which such performance or results will be achieved. The forward-looking statements included are made only as of the date of the statement. 3D Systems undertakes no obligation to update or review any forward-looking statements made by management or on its behalf, whether as a result of future developments, subsequent events or circumstances or otherwise.

About 3D Systems

More than 35 years ago, 3D Systems brought the innovation of 3D printing to the manufacturing industry. Today, as the leading additive manufacturing solutions partner, we bring innovation, performance, and reliability to every interaction - empowering our customers to create products and business models never before possible. Thanks to our unique offering of hardware, software, materials, and services, each application-specific solution is powered by the expertise of our application engineers who collaborate with customers to transform how they deliver their products and services. 3D Systems' solutions address a variety of advanced applications in

healthcare and industrial markets such as medical and dental, aerospace & defense, automotive, and durable goods. More information on the company is available at www.3dsystems.com.

###