3D Systems’ Cimatron® CAD/CAM Software Boosts Productivity and Improves Efficiencies for Tool Makers

- HARTING Applied Technologies and VMR GmbH & Co. KG rely on 3D Systems’ Cimatron integrated CAD/CAM software to enhance data integration through the entire mold-making process, improve tool quality, reduced scrap and accelerate delivery time.
- VMR GmbH & Co. KG was able to reduce electrode design and manufacturing time by 70% using Cimatron, and now produces 10,000 graphite electrodes annually.

ROCK HILL, South Carolina, November 12, 2019 – Today, 3D Systems (NYSE:DDD) has announced that two leading German industrial tool makers are using Cimatron® integrated CAD/CAM software by 3D Systems to overcome production challenges faster and more successfully.

Cimatron software, a dedicated design and manufacturing solution for tooling, is drawing renewed interest from customers in Germany because of its ability to design and deliver molds faster, maintain data integrity between design and manufacturing, and its outstanding electrode design and EDM programming application.
“At 3D Systems, we are constantly looking for innovative ways to help our customers maintain a competitive edge – and address market demands to produce better tools, in a shorter time frame, with lower costs. It’s great to see the success that both HARTING Applied Technologies and VMR have had using Cimatron,” commented Radhika Krishnan, senior vice president, software and healthcare solutions, 3D Systems.

HARTING Applied Technologies Improves Tool Quality, Reduces Scrap and Delivers Molds Faster with Cimatron

HARTING Applied Technologies, headquartered in Espelkamp, Germany, is a specialist in sophisticated toolmaking. The company develops, designs and produces injection molds, die-casting molds, stamping and bending dies, and special machines.

Following a phased implementation of Cimatron, all application areas at HARTING are now served by this dedicated, integrated CAD/CAM software. This has helped HARTING to enhance data integration through the entire mold-making process, resulting in improved production quality and efficiency with decreased lead times, reduced scrap and improved tool quality.

“Rolling out Cimatron enabled us to quickly resolve our substantial problems in the EDM area, which we had been combating for 12 years. With the implementation of Cimatron, we achieved data and process integration in the entire mold-making process, which is a key advantage for us,” said Andreas Weiß, production manager, HARTING Applied Technologies.

VMR Achieves Fast, Efficient Prototyping with Cimatron

VMR GmbH & Co. KG, located in Mönchweiler, Germany, offers a broad range of manufacturing technologies – supporting its customers with design and NC programming, production and assembly, as well as providing customized mold design and optimization.

VMR uses Cimatron integrated CAD/CAM software to efficiently, cost-effectively design and manufacture prototypes and short manufacturing runs. The use of this software has helped the company reduce electrode design and manufacturing time by 70%. Additionally, VMR is now able to operate their milling and EDM machines at full capacity to produce 10,000 graphite electrodes per year, at a rate of roughly 50 per day.

“In our business, speed is crucial,” said VMR’s CEO, Thomas Viebrans. “Each day brings different customers and different challenges that require an extremely flexible, efficient CAD/CAM system.
Cimatron has enabled us to maximize our ROI by increasing efficiency and productivity through automation, accelerating on-boarding time for new employees, and completing more orders.”

3D Systems announced on August 29 that Cimatron 15, which enables toolmakers to deliver exceptionally high-quality tools, faster with new and enhanced capabilities, will be generally available in late Q4 of 2019. Please visit the 3D Systems website for more information.

Forward-Looking Statements
Certain statements made in this release by or in reference to 3D Systems 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 3D Systems’ periodic filings with the U.S. 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 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 30 years ago, 3D Systems brought the innovation of 3D printing to the manufacturing industry. Today, as the leading AM solutions company, it empowers
manufacturers to create products and business models never before possible through transformed workflows. This is achieved with the Company’s best-of-breed digital manufacturing ecosystem, comprised of plastic and metal 3D printers, print materials, on-demand manufacturing services, and a portfolio of end-to-end manufacturing software. Each solution is powered by the expertise of the company’s application engineers who collaborate with customers to transform manufacturing environments. 3D Systems’ solutions address a variety of advanced applications for prototyping through production in markets such as aerospace, automotive, medical, dental, and consumer goods. More information on the company is available at www.3dsystems.com.

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