

Knust-Godwin Acquires a Velo3D Sapphire XC to Expand its Additive Manufacturing Capabilities

New System Expands Contract Manufacturer's Addressable Use-cases By Printing Larger Parts and Achieving High-volume Production at Lower Costs

KATY, Texas--(BUSINESS WIRE)-- [Velo3D](#), Inc. ([NYSE: VLD](#)), a leading metal additive manufacturing technology company for mission-critical parts, today announced [Knust-Godwin](#), a precision contract manufacturer, has received a Sapphire XC to expand its metal additive manufacturing (AM) capabilities. The acquisition of an additional Sapphire family printer from Velo3D further expands Knust-Godwin's additive manufacturing offering by unlocking high-volume production and lower costs for its largest customers. Knust-Godwin's Sapphire XC will reside in its Katy, Texas facility, is calibrated for Inconel 718, and is fully compatible with its other Sapphire Inconel 718 printers, so as customers scale up production, they can take advantage of the Sapphire XC's benefits.

Since its release in December 2021, there has been extensive demand for the Sapphire XC. The demand is largely driven by the Sapphire XC's ability to lower production costs by up to 75% and produce parts that are 500% larger in volume compared to the company's Sapphire system. Knust-Godwin is the first of Velo3D's network of contract manufacturers to receive a Sapphire XC.

"Our company has spent over 55 years serving our customers in the aerospace, defense, oil and gas, and semi-conductor industries, and we view additive manufacturing as a huge complement to our precision manufacturing offering," said [Mike Corliss](#), Knust-Godwin VP of Technology. "By adding a Sapphire XC to our manufacturing floor, we can better serve our customers and help them utilize additive manufacturing in new ways, as well as differentiate our additive manufacturing offering from our competitors."

With the addition of its Sapphire XC, Knust-Godwin now operates six Sapphire metal 3D printing systems from Velo3D. These printers are powered by Flow print preparation and Assure quality assurance software as well as the Velo3D Intelligent Fusion manufacturing process. By combining hardware and software with proven, repeatable processes, Velo3D is able to make each Sapphire printer fully compatible, so as customers' production needs increase, they can easily add additional printers to their manufacturing facilities to produce identical parts or scale up production by moving from a Sapphire to a Sapphire XC. It also enables distributed manufacturing. When customers who have their own Velo3D solutions reach production limits, they can achieve greater scale by utilizing the systems of contract manufacturers like Knust-Godwin.

"The interest we've seen in Sapphire XC is remarkable and we expect to soon be sold out for deliveries through the end of 2022," said [Zach Murphree](#), Velo3D Vice President of Global Sales and Business Development. "The Sapphire XC will help Knust-Godwin's

customers unlock new use-cases for AM by enabling the printing of larger parts, and significantly lowering manufacturing costs for customers printing parts in larger volumes.”

The Velo3D Sapphire XC is capable of producing prints that are 600 mm in diameter and 550 mm in height, making it one of the largest metal laser powder bed fusion AM solutions on the market. The system uses eight 1-kilowatt lasers to produce parts. Its protrusion-tolerant, non-contact recoater is also faster than that of the original Sapphire system. These capabilities increase the throughput of the Sapphire XC by more than 400% compared to the original Sapphire, greatly reducing the cost of parts produced.

About Velo3D:

Velo3D is a metal 3D printing technology company. 3D printing—also known as additive manufacturing (AM)—has a unique ability to improve the way high-value metal parts are built. However, legacy metal AM has been greatly limited in its capabilities since its invention almost 30 years ago. This has prevented the technology from being used to create the most valuable and impactful parts, restricting its use to specific niches where the limitations were acceptable.

Velo3D has overcome these limitations so engineers can design and print the parts they want. The company’s solution unlocks a wide breadth of design freedom and enables customers in space exploration, aviation, power generation, energy and semiconductor to innovate the future in their respective industries. Using Velo3D, these customers can now build mission-critical metal parts that were previously impossible to manufacture. The end-to-end solution includes the Flow print preparation software, the Sapphire family of printers, and the Assure quality control system—all of which are powered by Velo3D’s Intelligent Fusion manufacturing process. The company delivered its first Sapphire system in 2018 and has been a strategic partner to innovators such as SpaceX, Honeywell, Honda, Chromalloy, and Lam Research. Velo3D has been named to Fast Company’s prestigious annual list of [the World’s Most Innovative Companies for 2021](#). For more information, please visit Velo3D.com, or follow the company on [LinkedIn](#) or [Twitter](#).

Forward-Looking Statements

This press release includes “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1996. The Company’s actual results may differ from its expectations, estimates and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as “expect”, “estimate”, “project”, “budget”, “forecast”, “anticipate”, “intend”, “plan”, “may”, “will”, “could”, “should”, “believes”, “predicts”, “potential”, “continue”, and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, the Company’s expectations, hopes, beliefs, intentions or strategies for the future. These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results. You should carefully consider the risks and uncertainties described in the documents filed by the Company from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Most of these factors are outside the Company’s control and are difficult to predict. The Company cautions not to place undue reliance upon any forward-looking statements, including projections,

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