Icon Technologies Limited Selects 3D Systems’ EXT Titan Pellet to Accelerate Thermoforming Mold Production

- Icon selects EXT 1270 Titan Pellet 3D printer with spindle tool head to significantly reduce lead time, cost associated with mold production
- Icon is first manufacturer in Canada to integrate an EXT 1270 Titan Pellet 3D printer into its production workflow

**ROCK HILL, South Carolina, October 23, 2023** – Today, 3D Systems (NYSE:DDD) announced Icon Technologies Limited, a thermoforming and rotational molding company based in Winkler, Manitoba (Canada), has purchased an EXT 1270 Titan Pellet 3D printer. The company is renowned for providing innovative custom thermoformed solutions to its OEM customers for a variety of industrial applications including recreational vehicles, building products, and HVAC systems. With the addition of the EXT 1270 Titan Pellet 3D printer to its manufacturing floor, Icon believes they will produce large thermoforming molds with dramatically increased speed and significantly lower costs.

“With the breadth of industries we serve, and the large molds we produce, it’s imperative that we maximize our productivity,” said John Loewen, founder & CEO, Icon Technologies Limited. “3D Systems’ EXT Titan Pellet 3D printer is the best solution to help us provide high-quality products to our customers. The combination of build volume, industrial engineering, economical feedstocks, and the heated chamber along with materials that have been validated for thermoforming applications stand out above other large format printers. Additionally, I visited
the manufacturing facility last year and was blown away by the application engineering team, and the breadth of projects they're working on. Beyond the people, seeing the manufacturing line first-hand, the QA process, and the attention to detail reinforced that I was making the right choice to not only advance the service we provide to our customers but also to help our customers grow their businesses.”

3D Systems’ EXT 1270 Titan Pellet system is a versatile, reliable industrial additive manufacturing solution designed to leverage low-cost thermoplastic pellet feedstocks. The system features print volumes up to 1270 mm x 1270 mm x 1829 mm (50 in x 50 in x 72 in) which makes it possible to print most large thermoforming tools, such as those required by Icon. EXT Titan Pellet systems are compatible with a range of nozzle sizes enabling printing finer layers than other available systems. This allows thermoforming molds to be produced, in most cases, without the need for post-machining. When Icon requires a finer surface or tighter tolerance on specific molds they produce, the spindle tool head will enable them to achieve a smooth, accurate surface without moving the print to a separate CNC machine.

EXT Titan Pellet 3D printers are helping a variety of manufacturers realize significant cost and lead time savings in the direct production of large thermoforming molds — up to 88% raw material cost savings and up to 65% lead-time reduction as compared to machined metal or cast ceramic alternatives. Not only are the 3D-printed molds less expensive and faster to produce, but they also perform extremely well. For example, composite materials like glass-filled polycarbonate are proven solutions for heavy gauge (.220”) sheet forming with molds reported to have endured well over 1,000 shots with little to no apparent wear.

“Icon has long-standing customer relationships and is highly regarded for delivering high-quality molds,” said Brad Mount, global director, business development - Titan, 3D Systems. “As the first manufacturer in Canada to add an EXT 1270 Titan Pellet 3D printer to their manufacturing workflow, they are demonstrating their commitment to continuous innovation, while also paving the way for their customers to transform their businesses. We take pride in our collaboration with Icon, both through the work of our Application Innovation Group which validates materials and print processes for Icon’s applications, as well as our global support network. I look forward to seeing how Icon is able to grow its business as it maximizes the benefits of this new system.”

3D Systems will showcase its large-format EXT Titan Pellet line of 3D printers at this week’s SPE Thermoforming Conference in Cleveland, Ohio, October 24-26. Attendees are invited to visit booth #217 to see examples of printed molds and formed parts, and to discuss their
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, except as required by law.

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.

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