3D SYSTEMS

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

Rodin Cars Manufactures 3D-printed Gearbox for Bespoke Supercar with 3D Systems' Metal Additive Manufacturing Solution

- First-of-its-kind production part designed to complement high-performance exotic vehicle - delivering unparalleled quality, durability, and luxury
- 3D Systems' Application Innovation Group, DMP Factory 500, instrumental in delivering novel part

ROCK HILL, South Carolina, June 29, 2021 - 3D Systems (NYSE:DDD) today announced Rodin Cars, the New Zealand-based manufacturer of the ultimate track car, has selected 3D Systems' metal additive manufacturing solutions to produce parts for its soon-to-be-released hypercar, the Rodin FZero. Rodin Cars designs and builds completely bespoke single-seat, open-wheel high-performance vehicles that are designed to be faster than contemporary Formula 1 cars. Among the hundreds of metal parts Rodin Cars is additively manufacturing for the Rodin FZero, they are producing a first-of-its-kind 8-speed sequential gearbox with a hydraulically controlled differential. This completely custom component can only be produced using additive manufacturing and was made possible through the collaboration of Rodin Cars' design prowess and 3D Systems' deep application expertise and additive manufacturing leadership.

A gearbox created using traditional manufacturing methods would be cast out of Magnesium or machined from billet material. The resulting component would not only be slow to produce, but heavier and would not withstand the rigors presented by the track. Rodin Cars wanted to flip this

design into a true innovation – the ultimate component produced from 3D printed Titanium that would be compact, light, strong, and durable.

Rodin Cars released their first high-performance track car – the Rodin FZed – in 2019 with a gearbox designed by Ricardo, a UK-based engineering firm. For the new Rodin FZero, Rodin Cars envisioned a brand new gearbox with specific gear ratios and differential produced from Titanium to enhance the exotic reputation of this new high-performance vehicle. The 18-month design process – a collaboration between Rodin Cars for the casings and Ricardo for the internals - resulted in an unmatched gearbox with a hydraulically controlled differential that can only be produced using additive manufacturing due to its ability to directly 3D-print the necessary internal galleries and thin-wall bearing and mount structures. Rodin Cars' engineers worked alongside members of 3D Systems' Application Innovation Group (AIG) in Littleton, Colorado, and Leuven, Belgium to bring this unique design to life.

The application engineers that comprise 3D Systems' AIG possess deep expertise not only in additive manufacturing but in high-value applications across a variety of industries – including motorsports. The teams' engineering know-how combined with 3D Systems' industry-leading direct metal printing (DMP) technology helped facilitate the production of the new gearbox that includes 2mm thick walls and a total weight of 68 kilograms. The application engineers in Littleton optimized the gearbox print design details for additive manufacturing at the large scale achievable on the DMP Factory 500 and produced the first part on its DMP Factory 500 in Leuven. This industry-leading solution - featuring a vacuum chamber to ensure the lowest O_2 content - enables the production of seamless large parts as large as 500mm x 500mm x 500mm. This results in the highest surface quality for metal 3D printed parts with outstanding material properties. 3D Systems' AIG has successfully completed the technology transfer to Rodin Cars for full production. Rodin Cars recently installed a DMP Factory 500 on-site at its newly expanded facility and will produce the gearbox, as well as hundreds of other bespoke parts, for the Rodin FZero.

"3D printing allows us to design and create components otherwise unachievable using traditional methods of manufacturing," said David Dicker, founder, Rodin Cars. "With the Rodin FZERO gearbox, we had specific criteria we wanted to meet in terms of weight and durability. Because of the size and quality required for such a large component, it was only possible to print it on 3D Systems' DMP Factory 500 machine. We couldn't source another AM supplier who was able to

offer a similar solution for our needs - the print quality, volume capacity, testing facilities in Leuven, and continued technological support."

In addition to 3D Systems' DMP technology, Rodin Cars is also using the company's selective laser sintering (SLS) technology for production parts and stereolithography (SLA) to produce tooling for carbon fiber forms.

"Additive manufacturing is enabling industry leaders to defy limitations and stand apart," said Kevin Baughey, segment leader, transportation & motorsports, 3D Systems. "As a high technology, high-performance car constructor, Rodin Cars delivers unparalleled vehicles to their customers. This is a shining example of how additive manufacturing not only enables parts to be produced that couldn't be created through conventional methods, it is also delivering a lighter, more durable, beautiful vehicle. It's the blending of the art of design with the science of hyper-performance cars and motorsports."

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 30 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.

###