

Roboze 3D Printing and Circular Economy: new life for processed waste and printed parts at the end of their use cycle



The Italian-American manufacturer has launched a new project for the recovery of waste material and 3D printed parts to be reintroduced on the market for the benefit of end-users and especially the environment

Houston, October 19, 2021 - [Roboze](#) will initiate a circular economy program starting January 2022 that will allow all of its customers to return to Roboze, waste material and 3D printed parts at the end of their life cycle, to produce new material from “circular” 3D printing. This model will allow Roboze customers to receive a "circular" material at a much lower price than the original, safeguarding the environment and increasingly democratizing the use of Roboze 3D printing technology.

Reduce the environmental impact. A challenge that calls the attention of every citizen on the globe also becomes an opportunity that can drive the intent and responsibility of production models and processes which are more energy-efficient and lower overall emissions. This is causing a shift towards a new paradigm where innovation and new technologies are born with the ultimate aim of optimizing the consumption of materials and energy.

Roboze is the leader in 3D printing technology for super polymers and composites who aims to bring production back to the point of use, thanks to its vision and execution of decentralized distribution of production in favor of micro-factories around the world, known as the Roboze 3D Parts Network. Starting from the overturning of the delocalized production model, which sees large standardized productions in a single point and shipped all over the world, for years the manufacturer has been at the forefront of proposing a new production paradigm, Roboze Distributed Manufacturing. This model involves specialized 3D printing centers with Roboze systems distributed all over the world, which produce parts where and when they are needed, reducing not only costs and times for end-users, but also transport and excess inventory in the warehouse.

"We are working to refine the management of the entire supply chain, at any cost and with all the necessary efforts. 3D printing technology can be one of the solutions to combat CO2 emissions, reducing transport and producing just in time and on-demand. But if we don't take serious actions and continue to generate plastic waste, then we will only become part of the problem. At Roboze, we don't want to be part of the problem, but we want to be precursors of the solution. Our circular economy model will create zero waste and will represent and deliver the solution," explains Alessio Lorusso, Founder & CEO of Roboze.

About Roboze

Roboze is re-shaping the manufacturing industry and revolutionizing the world of 3D printing with the most precise technology, capable of processing super polymers and composite materials on-demand for finished functional parts for extreme applications in industries that include aerospace, oil and gas, energy, manufacturing and mobility sectors. The Roboze high technical ecosystem includes a complete range of advanced 3D printers for high-temperature and high-strength super plastics, developed with the collaboration of the best global players. It guarantees a real optimization of costs and time along the entire supply chain, while bringing additive manufacturing closer to the standards of traditional manufacturing. To date, Roboze is used in more than 25 countries globally and recognized as one of the fastest growing 3D printing companies in the world, serving industry leaders such as GE, Leonardo, the U.S. Army and many others.

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