

## Caracol brings Large Format Additive Manufacturing to California, exhibiting at RAPID + TCT 2024 with its partners DIVE and Filament Innovations

**AUSTIN / MILAN, June 25th, 2024** – **Caracol**, leader in robotic large format additive manufacturing, has brought robotic LFAM to California for RAPID + TCT, has joined forces with its partners **Filament Innovations**, leading US company in pellet printers, and **DIVE**, company spearheading the use of AM in US, from design and engineering to production.

The three companies are coming together to deliver robotic LFAM to the North American market. Through both DIVE's facility in New Jersey and Filament Innovation's facility in Pennsylvania, companies looking to build large scale parts will be able to directly enjoy the capabilities of the range of Caracol's Heron AM technology line, accessing a new way to develop and manufacture their advanced applications.

As Caracol continues building its global network of companies leveraging Heron AM for production, it is excited to be able to work with some of the leading brands in the world of 3D printing. Working alongside companies that share its approach to delivering solutions will enable the industrial players globally to leverage the benefits of manufacturing with large format 3D printing and effectively implement it as an industrial solution to integrate their production workflows.

At RAPID + TCT 2024, taking place on June 25-27<sup>th</sup> at Los Angeles Convention Center, in California (USA), the three companies will be showcasing the potential of large-scale pellet printing at booth 2201. Specifically, DIVE's newly acquired Caracol Heron AM platform will be live printing with Airtech's Dahltram® T-100GF (recycled PETG with glass fiber) a part designed and engineered for robotic LFAM by DIVE's team, the finished part is an air scoop for jet boats, within the motorsport industry, showcasing how you achieve complex designs and advanced functional parts avoiding costly molds and tools thanks to this technology. Filament Innovations will also showcase one of its ICARUS pellet extrusion machines working live at Caracol's booth.

Furthermore, Caracol will be showcasing several of the applications it has unlocked for large scale 3D printing ranging from tooling for aerospace to mockups for automotive, as well as finished parts for architecture, construction, design and furniture.

RAPID + TCT 2024 takes place on June 25-27<sup>th</sup> at Los Angeles Convention Center, visitors can find Caracol on booth 2201.

## CARACOL

Caracol was founded in 2017 in Milan, Italy, with the vision of pushing the limits of additive manufacturing in terms of scale, efficiency, and sustainability. The company accomplished this by developing an integrated technological platform, including both hardware and software, to produce advanced large-scale components. Through the integration of a patented extrusion head, the development of a dedicated software, and the use of robotic arms as movement support, Caracol offers an additive manufacturing technology for advanced components for customers in industries such as aerospace, marine, energy, design, and architecture. Heron AM manufactures parts such as jigs and molds for aircraft components, finished parts for yacht and boat superstructures, or revolutionary projects to initiate virtuous circular economy processes for the energy or design sectors. Today the company has opened the largest LFAM production center in Europe, a new production facility in Austin (TX), USA opened in August 2023, and has a core team of over 80 international professionals with highly specialized competences, in areas such as mechanical engineering, automation, computational design, design for additive, and advanced manufacturing processes.

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## DIVE

Founded in 2018 and based in Bloomingdale, NJ, DIVE is disrupting conventional manufacturing by accelerating the adoption of 3D printing, driving sustainability, production efficiency, and supply chain security. Serving industries like medical, consumer goods, AEC, automotive and more, DIVE offers holistic design & engineering services, supporting the integration of 3D printing with other production methods. The company gained recognition with its first product brand 3DPets, advancing pet mobility with custom 3D-printed prosthetics, and continues to innovate and launch brands like Decibel, which focuses on sustainable 3D-printed furniture. DIVE's core team of experts in industrial design and engineering, along with a vast network of specialists, is dedicated to making production in the US more sustainable, flexible, and accessible.

## FILAMENT INNOVATIONS

Filament Innovations was founded in Bethlehem Pennsylvania in 2015. When you work with the FI Team, you work with real people who care about your success. We remain a 100% family-owned business thanks to our customers! Now in 2024, FI brings turnkey FDM and FGF capabilities across their ICARUS, ARES, and POSEIDON platforms, as well as expanded their portfolio of products to include Caracol's HERON AM. FI is also bringing filament production in house to increase quality control and reduce print errors. FI is also starting to develop new materials for the industry. Filament Innovations strives to provide customers with easy and reliable 3D printing platforms and technologies.