

**NEWS EMBARGOED UNTIL TUESDAY MARCH 5<sup>th</sup>, 13:00 (1 PM CET)**

## **Caracol and CMS: a strategic commercial collaboration for the development of the large format 3D printing market**

*Paris, March 5<sup>th</sup>, 2024* - Caracol and CMS SpA, leading Italian companies in advanced manufacturing, officially announce their collaboration at **Jec World**, top fairs in the world for composites and advanced materials. With this collaboration the companies aim to promote the development of the large format 3D printing market globally through commercial synergies and technological development.

**Caracol** is a leading company in the world of robotic large-format 3D printing. Born as a startup at the end of 2017, the company is now an international scale-up that has developed an integrated hardware and software platform for large-scale additive manufacturing: Heron AM. This platform works with polymers and composites to produce advanced industrial components for several sectors: aerospace, marine, automotive, design, architecture, and a lot more.

**CMS**, part of **Scm Group**, is a global leader in the production of technologies for the processing of composite materials and partner of strategic companies in various sectors, such as aerospace, automotive, and marine. The company produces machines and systems to process different materials, such as CNC multi-axis machining centers, thermoforming machines, and waterjet cutting systems. Since 2018, the company begun its journey in the additive manufacturing sector with CMS Kreator, an exclusive Large Format Additive Manufacturing Solution. CMS's offering is broad and includes both hybrid machines, that combine additive technology with milling, as well as only printing machines. The decade-long experience CMS has in the processing of composite materials, guarantees performing solutions and high technological value.

Together the two companies aim to deliver to clients the benefits of **additive manufacturing on large scale components**, by joining the technical know-how developed on different movement supports: on the one hand robotics with 6+ axes, and on the other 5-axis centers.

Thanks to this commercial collaboration between the two companies, it will be possible to accelerate technological developments and, most of all, support end-user's adoption of **LFAM technologies**, by continuing to find new applications where large format 3D printing can deliver benefits in terms of lead time, costs, and sustainability.

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## 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 60 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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## CMS SpA

CMS SpA manufactures machinery and systems for composite materials, carbon fiber, aluminum, light alloys, plastic, glass, stone, and metals processing. It was established in 1969 by Pietro Aceti, with the aim of offering customized and state-of-the-art solutions based on an in-depth understanding of customers' production needs. Since 2002, CMS has been part of SCM Group, a technological world leader in processing a wide range of materials and in industrial components. The Group companies operating throughout the world are reliable partners of leading manufacturing industries in various market sectors, including furniture, construction, automotive, aerospace, marine, and plastic processing industries.

SCM Group coordinates, supports and develops a system of industrial excellence in 3 large highly specialized production centers employing more than 4,000 workers and operating in all 5 continents.

<https://www.scmgroup.com/it/cms>

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