

Additive Manufacturing Post-Processing Specialist

Job Description

Company Description

Caracol offers extreme, Additive Manufacturing, solutions with no scale limits to companies in different industrial sectors.

The company has developed its own Large-Scale Additive Manufacturing Robotic system, that with a patented extrusion head, proprietary algorithms and the use of robotic arms, can manufacture advanced components with no limits in scale. The flexibility of the robotic system allows not only to manufacture very large-scale parts but also complex geometries and parts with improved mechanical performance. Caracol provides a solution that saves production costs, reduced production lead time, and limits production waste to a minimum and can reutilize the waste produced.

By using a direct printing system, Caracol works with a wide variety of advanced composite materials – mostly techno polymers like PP, PPS and PA12 reinforced with fibers like carbon and glass. Thanks to our deep know-how and strategic partnerships with material producers, our Design & Engineering team identifies the best fitting material and technology to manufacture our client's applications.

Caracol's team combines a deep expertise in generative design and additive manufacturing, with an extensive knowledge of the industrial goods sector. Using very advanced design and analysis tools to optimize design for additive manufacturing according to the required performance. We work with clients accompanying them throughout the production process, supporting them by facilitating their getting to know the technologies and the opportunities of Additive Manufacturing.

We have been working with customers from industries such as Automotive and Motorsports, Aerospace and Defense, Industrial Machinery, Medical Devices, Design and Architecture. We offer our clients a broad range of solutions: from design and concept development, engineering components for AM production, manufacturing prototypes and pre-series with no limit in scale, line production of finished parts, as well as support in internalizing 3D printing technologies, 3D printing training and workshops and more.

Caracol has just closed a 3.5M Euros funding round with 2 Venture Capital Funds and several top tier business angels and it is now launching an ambitious growth plan to consolidate its role as leader in the Large-Scale Additive Manufacturing industry.

Job Type

- Full time

Contacts

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Address

Via Marisa Bellisario 6C,
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CARACOL

Main activities

- 1/3 years of experience in the role;
- Material inventory management;
- Handle inspection of incoming products;
- Dimensional control of the printed parts;
- Handle packaging of ready to ship parts;
- Soft quality control activities (e.g., planarity, measurements, ...)
- Take care of all post-process and finishing activities on printed parts (e.g., bonding, sanding, grouting, painting, drilling, sectioning, welding);
- Ensure waste material is recycled correctly (e.g., reuse and storage of material waste when possible);
- Ensure cleanliness and organization of the shop floor and storage area;

Operational Skills Required

- Good experience with manual power tools
- Good experience with plastic welding techniques
- Good experience with epoxy resins
- Good experience with grouting
- Basic experience with fiberglass/carbon lamination
- High level of manual skill and precision

Soft Skills required

- Organizational skills and self-management of time and activities
- Teamwork
- Proactivity
- Flexibility in adapting to different tasks and to a dynamic working environment

Place of work

- Via Bellisario 6C, 20825, Bellisario (MB), Italy

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