CFORC – PROOF OF CONCEPT FOR ADDITIVE MANUFACTURING TECHNOLOGY FOR COMPOSITES

A composite materials manufacturing technology that enables the production of a product reinforced to the deformation rate of its application.

Automated additive manufacturing technology that produces products from composite material. The technology will process reactoplastic resins and continuous filaments that saturate the resin and UV cure the resin. In this way, it can apply, stretch or coil the fibres in virtually any direction, producing a final product with strength to the extent of the deformation during application.

Unique selling points:

- The technological solution will save the customer on human labour and material.
- The production process will be environmentally friendly, reducing emissions of volatile substances and disposable protective equipment.
- It will speed up and simplify the production process.
- It will make it possible to produce the previously unproducible.

Product

Production technological solutions

Technology readiness

Development

▶ Proof of concept

Prototype

First implementation

Extensive implementation

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B2B

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