

IFC Composite GmbH

A company of the IFA ROTORION Group

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

As part of the IFA Rotorion Group, IFC Composite GmbH is an owner-managed family business based in Haldensleben/ Sachsen-Anhalt.

IFC Composite GmbH is a high-volume supplier of dynamically highly resilient FRP structural components (e.g. GRP leaf springs for light and heavy commercial vehicles) with proven expertise in the following areas: - Calculation and design of fibre composite structures (FEM and CAD) - Production of fibre composite components (incl. prepreg production) - Testing (static/dynamic) of fibre composite and lightweight structures - Material characterisation

Jacob-Uffrecht-Straße 2
39340 Haldensleben
Saxony-Anhalt
Germany
www.ifc-composite.de



Organisation type

Large enterprises

Sectors



Others: Wind- und Anlagenanlagen

Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a

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Main areas covered

GRP leaf springs, CFRP stabilisers, FRP coupling elements

Infrastructure

Rheometer, Ultrasonic press, Tensile/compression testing machine, Hydr. multi-channel test bench up to 50t

Certifications

ISO TS 16949, ISO 9001, ISO 50001

Keywords

Leaf springs, Prepreg, Fibre composite, Stabilisers

Memberships

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials	✓	✓	✓
Services & consulting Testing and trials, Engineering, Validation, Simulation	✓	✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Materials, Others (NVH)	✓	✓	✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Filament winding, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion	✓	✓	✓
Forming Compression moulding			✓
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Biocomposites			✓
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP)	✓	✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoplastics		✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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