

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

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> | | | |

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

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

| Contacts |
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Contacts

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