

About this organisation

Machine translation

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

ZEISBERG establishes fibre-reinforced plastics and nanotechnology in new industries. Zeisberg Carbon GmbH has been a manufacturer of fibre composite materials, component manufacturer, product developer and engineering service provider for complex fibre composite structures since 2016. The company produces complete CFRP parts sets for car manufacturers and factory racing teams, including toolmaking, design and simulation.

Zeisberg Carbon is a high-tech company specialising in carbon composites. The main business areas are: 1. carbon composite components: structural components, automotive components, assemblies for industry, aerospace, sports equipment and medical technology, built-to-print, design-to-spec, engineering, materials, manufacturing, tooling 2. wind turbine industry: resins for rotor blades, adhesives, R&D 3. construction industry: carbon concrete, materials, parts manufacturing, fire-retardant carbon armouring and coatings

Voltmerstr. 65
30165 Hannover
Lower Saxony
Germany
www.zeisberg-carbon.com



Organisation type

Small or medium-sized enterprise

Sectors



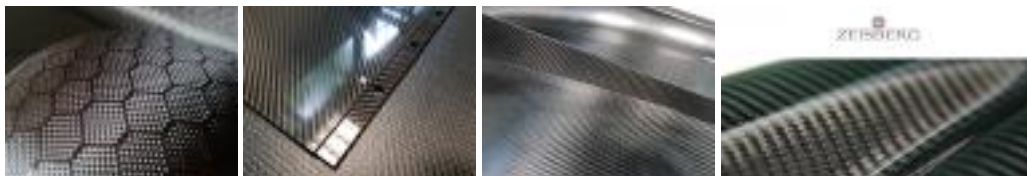
Employees

Up to 9

Turnover

Up to €2m

Funding



About this organisation

Main areas covered Motorsport, Automotive engineering, Pre-series vehicles, Semi-finished carbon products, Carbon plates

Infrastructure

Certifications

Keywords

Memberships Carbon Composites e.V., Composites United e.V., Carbon Concrete Composite e.V.

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Systems and end products, Materials, Tools and moulds	✓	✓	✓
Services & consulting Engineering, Prototyping, Validation, Simulation, Technology transfer, Maintenance and repair	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures, Lightweight construction concepts	✓	✓	✓
Functional integration Sensor technology	✓	✓	
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Optimisation, Structural mechanics, Materials		✓	✓
<i>Plant construction & automation</i>			
Recycling technologies Recycling	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing			✓
Coating (surface engineering) Painting			✓
Fibre composite technology Filament winding, Casting (concrete), Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion	✓	✓	✓
Forming Compression moulding			✓
Joining Adhesive bonding			✓
Material property alteration Others (Nano particle modification, nano resins, nano resin systems, nano adhesives, fire retardant resin systems)	✓	✓	✓
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Sawing, Grinding, Cutting			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Bioplastics, Biocomposites, Wood	✓	✓	✓
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Carbon-fiber reinforced plastics (CFRP), Nanocomposites, Natural fibre reinforced plastics (NFRP), Textile-reinforced concrete	✓	✓	✓
Fibres Aramid fibres, Carbon fibres, Natural fibres			✓
<i>Functional materials</i>			
Metals Aluminium, Steel			✓
Plastics Thermoset plastics, Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
(Technical) textiles Laid webs, Woven fabrics, Nonwovens, mats	✓	✓	✓

Contacts

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Contacts

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