

CG TEC Carbon- und Glasfasertechnik GmbH

Manufacturer for composite components Made In Germany

About this organisation

Machine translation

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

CG TEC Carbon und Glaserfasertechnik GmbH has been producing tubes, rods, sheets and components for more than 20 years. We are the technology leader for round profiles made of carbon and glass fibre in Germany and Europe. Our strength lies in our wide range of services - from special customised production to series production.

Prepreg winding technology Pultrusion technology Plate pressing technology Development and design Component assembly - everything from a single source Carbonscout online shop Technology path in the Carbonscoutworld

Gewerbepark Hügelmühle 41
91174 Spalt
Bavaria
Germany
www.cg-tec.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding



Main areas covered

Carbon tubes / rods, Glass fibre tubes / rods, Basalt fibre tubes / rods, Assembly production

Infrastructure

Keyence measuring devices, Determination of the fibre volume fraction, Cooperation with testing institute ZFL

Certifications

ISO 9001:2015

Keywords

Carbon, glass fibre, basalt

Memberships

Composite United e.V., AVK member

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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 Consulting, Testing and trials, Engineering, Prototyping, Simulation	✓	✓	✓
Field of technology			
Design & layout Lightweight manufacturing		✓	✓
<i>Functional integration</i>			
Measuring and testing technology Visual analysis (e.g. microscopy, metallography)			✓
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Handling technology, Robotics, Others (Pic & place)	✓	✓	✓
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting			✓
Fibre composite technology Filament winding, Pre-preg processing			✓
<i>Forming</i>			
Joining Hybrid joining, Adhesive bonding		✓	✓
Material property alteration Mechanical treatment			✓
Primary forming Extrusion, Pultrusion		✓	✓
Processing and separating Drilling, Turning, Milling, Sawing, Grinding, Cutting		✓	✓
<i>Textile technology</i>			

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

Contacts

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Contacts

Mr Oliver Kipf

Shareholder & Managing Director

info@cg-tec.de

Mr Andreas Furtmayr

Partner to customers

andreas.furtmayr@cg-tec.de

Ms Andrea Kipf

Shareholder / Management

andrea.kipf@cg-tec.de