

fibretech composites GmbH

About this organisation

Machine translation

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

The engineering office Fibretech Composites stands for customised fibre composite constructions and innovative mould making. Thanks to many years of work in a wide range of industries, various research contracts and its own development initiatives, fibretech composites has a broad base of experience, knows the specifics of regulated industries and refreshes with a goal-oriented view of the bigger picture.

"Couldn't it be even easier?" is the omnipresent question that fibretech engineers get to the bottom of, not only with the help of CAE software, but also practically, in their own test and research laboratory. The intensive combination of theory and practice is a unique selling point and an important success factor for the engineering company.

Am Lesumdeich 2
28719 Bremen
Bremen
Germany
www.fibretech-composites.de



Organisation type

Small or medium-sized enterprise

Sectors



Others: Windkraft

Employees

Up to 9

Turnover

n/a

Funding

n/a

Main areas covered Fibre composite structures, Function integration, Mould lightweight construction, Fibretemp carbon fibre heater, Out-of-autoclave technology

Infrastructure parametric CAD software, FE analysis software, DSC analyser, Tensile testing machine

Certifications ISO 9001

Keywords

Memberships

fibretch composites GmbH

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Materials, Tools and moulds, Others (fibretemp carbon fibre heater)	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
Functional integration Material functionalisation	✓	✓	
Measuring and testing technology Component and part analysis, Materials analysis, Destructive analysis, Others (DSC analysis)		✓	✓
Modelling and simulation Loads & stress, Optimisation, Processes, Materials		✓	
<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 Laminated object manufacturing (LOM), Others (Out-of-autoclave technology)		✓	✓
Coating (surface engineering) Galvanising, Painting, Powder coating, Hot dipping		✓	
Fibre composite technology Fibre spraying, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion		✓	
<i>Forming</i>			
<i>Joining</i>			
Material property alteration Mechanical treatment		✓	
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials) Closed-pore		✓	
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP), Laminates, Textile-reinforced concrete		✓	
Fibres Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres		✓	
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics, Elastomers, Thermoplastics	✓	✓	
<i>Structural ceramics</i>			
(Technical) textiles Yarns, rovings, Meshes, Knitted fabrics		✓	

Contacts

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Contacts

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