

Wethje Carbon Composites GmbH

About this organisation

Machine translation

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

Wethje Carbon Composites GmbH specialises in the development, design and production of carbon composite materials for automotive, racing, aerospace and industrial applications.

As a supplier to numerous premium OEMs and Tier 1 companies, Wethje manufactures structural components such as monocoques as well as outer skin parts and body works, e.g. carbon roofs, bonnets as visible components or Class A parts. Working closely with customers, the company offers complete solutions from concept to series production of complex composite components.

Oskar-von-Miller-Str. 3
94474 Vilshofen-Pleinting
Bavaria
Germany
www.wethje-gmbh.com



Organisation type
Small or medium-sized enterprise

Sectors
A row of six black icons representing different sectors: a car, an airplane, a truck, a building, a train, and a ship.

Employees
250 up to 499

Turnover
€10m - €50m

Funding
n/a

Main areas covered Structural components e.g. monocoque, Outer skin e.g. roof, bonnet, Structural components Aviation, Aviation interior panelling, Overhead Compartment

Infrastructure In-house painting, Test laboratory, CMM

Certifications ISO 9001, 9100

Keywords RTM, PCM, SMC / High performance SMC, Autoclave, Lost wax process

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Tools and moulds		✓	✓
Services & consulting Training, Consulting, Engineering, Prototyping, Validation		✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts		✓	✓
Functional integration Material functionalisation		✓	✓
Measuring and testing technology Component and part analysis		✓	✓
<i>Modelling and simulation</i>			
Plant construction & automation Automation technology	✓		
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Laminated object manufacturing (LOM)			✓
Coating (surface engineering) Painting		✓	✓
Fibre composite technology Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Others (Pressing SMC and PCM)		✓	✓
Forming Compression moulding, Thermal converting		✓	✓
<i>Joining</i>			
Material property alteration Heat treatment			✓
<i>Primary forming</i>			
Processing and separating Drilling, Milling, Grinding			✓
Textile technology Preforming			✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
Fibres			
Aramid fibres, Glass fibres, Carbon fibres, Metal fibres			✓
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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