

About this organisation

Machine translation

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

Founded in 2011 as a spin-off of the Technical University of Munich, Munich Composites is today the technology leader in various automated processes for the production of composite components. The range of services extends from the development and production of prototypes to the series production of CFRP components.

Munich Composites has developed and patented various concepts that can be used to automate the production of fibre composite lightweight structures. The basis is braiding technology, which, in combination with resin injection processes, enables the cost-effective production of components for a wide range of applications.

Innstraße 8
85640 Putzbrunn
Bavaria
Germany
www.munich-composites.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding



Main areas covered

Braided fibre composite components, RTM injection process

Infrastructure

Technical centre, Test benches, Preforming area, Injection area, Sanding and painting rooms

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Systems and end products	✓	✓	✓
Services & consulting Training, Distribution, Testing and trials, Engineering, Prototyping, Validation	✓	✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures	✓	✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Filament winding, Resin infusion process, Resin transfer moulding, Vacuum infusion, Others (Fibre braiding)	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology Braiding, Preforming, Others (Sewing (TFP))	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Textile-reinforced concrete	✓	✓	✓
Fibres Aramid fibres, Basalt fibres, Glass fibres, Carbon fibres, Natural 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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