

ICM-Composites GmbH & Co. KG

About this organisation

Machine translation

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

ICM-Composites GmbH & Co. KG is an independent engineering company specialising in lightweight construction with fibre composites. Our services range from design and calculation, prototype construction and material testing to process development and consulting.

We can offer all fibre composite-specific processing methods on a laboratory scale in our technical centre: Winding, pultrusion, pressing, vacuum infusion, RTM and hand lay-up. In addition to the usual analytical equipment, our technical centre has static and dynamic testing machines for material and component testing up to 100 kN.

Egerländer Str. 6
64331 Weiterstadt
Hesse
Germany

www.icm-composites.de



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

Up to 9

Turnover

Up to €2m

Funding

n/a

Main areas covered

FEM calculation, Component design, Prototype construction, Materials testing, Process development

Infrastructure

Fibre composite technology centre, Fibre composite laboratory, Materials testing, Design and calculation office

Certifications

Keywords

Memberships

ICM-Composites GmbH & Co. KG

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components	✓	✓	
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis	✓	✓	
Modelling and simulation Loads & stress, Optimisation, Structural mechanics, Materials	✓	✓	✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

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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, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion, Others (Pultrusion, pressing.)	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<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>			
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Short fibre-reinforced concrete, Metal-fibre-polymer composite, Natural fibre reinforced plastics (NFRP), Laminates, Particulate composites, Textile-reinforced concrete	✓	✓	
<i>Fibres</i>			
<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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