

Euro-RTM-Group

Network [AVK working group]

About this organisation

Machine translation

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

The "Euro-RTM-Group" working group was founded by members of the AVK who see the RTM process (Resin Transfer Moulding) as a processing technology of the future for the production of parts made of glass fibre reinforced plastic (GRP). In addition to GRP producers, the participants also include raw material suppliers and research institutes.

The aim of the working group is to increase awareness and knowledge of the diverse possibilities of RTM technology in the production of moulded parts in the GRP industry. In order to establish contact with current and future customers of GRP parts, the "Euro-RTM-Group" working group will provide information via the Internet and its own information leaflets, as well as through seminars, trade fairs and lecture events organised by AVK e.V. or other associations.

Am Hauptbahnhof 10
60329 Frankfurt am Main
Hesse
Germany
www.euro-rtm-group.de



Organisation type

Cluster

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a

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Main areas covered	RTM technology, Marketing, Seminars, Infusion procedure
Infrastructure	on request
Certifications	
Keywords	RTM, Resin transfer moulding, Vacuum infusion, Injection process
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Machines and plants, Software & databases, Systems and end products, Materials, Tools and moulds	✓	✓	✓
Services & consulting Training, Consulting, Testing and trials, Engineering, HR services, Prototyping, Validation, Technology transfer	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Hybrid structures		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & factory automation Plant construction, Automation technology, Handling technology	✓	✓	✓
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Manual lamination, Resin infusion process, Resin transfer moulding, Vacuum infusion	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology Preforming, Nonwoven & mats production, Weaving, Knitting, laid web production	✓	✓	✓

Overview of lightweighting expertise

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

Contacts

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Contacts

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