

## About this organisation

### Machine translation

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

Foundation 01/1999 Owner-managed medium-sized company

Specialising in the development and production of fibre composite components using the RTM printing process for 25 years. Extensive expertise in the production of series with batch sizes between 200 and 10,000 units p.a. Realisation of holistic solutions from the initial design concept to the finished series component with ready-to-install delivery to the assembly line. Consistent lightweight construction, high rigidity and strength, good chemical resistance, low weight and very good automotive surface qualities can be optimally realised using RTM technology. Producer of completely ready-to-install modules such as vehicle doors for special vehicles. High-quality in-mould painting of components possible. Large supplier network for the procurement of installation components for small and medium-sized series (e.g. cable harnesses, sealing profiles, mechanical components)

Mosaikweg 24  
53489 Sinzig  
Rhineland-Palatinate  
Germany  
[www.rheincomposite.de](http://www.rheincomposite.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

€2m - €10m

### Funding

## About this organisation

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| <b>Main areas covered</b> | Doors for special vehicles, completely ready to install          |
| <b>Infrastructure</b>     | 14 RTM production systems, 5-axis CNC machine                    |
| <b>Certifications</b>     | ISO 9001, ISO 9100, KBA approval                                 |
| <b>Keywords</b>           | RTM, Fibre composite technology, GRP processing, CFRP processing |
| <b>Memberships</b>        |                                                                  |

## Overview of lightweighting expertise

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|                                                                                                        | Research | Development | Manufacturing & Supply |
|--------------------------------------------------------------------------------------------------------|----------|-------------|------------------------|
| <b>Offer</b>                                                                                           |          |             |                        |
| <b>Products</b><br>Parts and components, Tools and moulds                                              |          | ✓           | ✓                      |
| <b>Services &amp; consulting</b><br>Testing and trials, Engineering, Prototyping, Validation, Approval |          | ✓           | ✓                      |
| <b>Field of technology</b>                                                                             |          |             |                        |
| <b>Design &amp; layout</b><br>Lightweight manufacturing, Lightweight construction concepts             |          | ✓           |                        |
| <i>Functional integration</i>                                                                          |          |             |                        |
| <i>Measuring and testing technology</i>                                                                |          |             |                        |
| <i>Modelling and simulation</i>                                                                        |          |             |                        |
| <i>Plant construction &amp; automation</i>                                                             |          |             |                        |
| <i>Recycling technologies</i>                                                                          |          |             |                        |

## Overview of lightweighting expertise

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|                                                                                  | Research | Development | Manufacturing<br>& Supply |
|----------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Manufacturing process</b>                                                     |          |             |                           |
| <i>Additive manufacturing</i>                                                    |          |             |                           |
| <i>Coating (surface engineering)</i>                                             |          |             |                           |
| <b>Fibre composite technology</b><br>Resin transfer moulding, Others (Print RTM) |          | ✓           | ✓                         |
| <i>Forming</i>                                                                   |          |             |                           |
| <b>Joining</b><br>Adhesive bonding, Riveting, Screwing                           |          | ✓           | ✓                         |
| <b>Material property alteration</b><br>Heat treatment                            |          | ✓           | ✓                         |
| <i>Primary forming</i>                                                           |          |             |                           |
| <b>Processing and separating</b><br>Drilling, Milling, Sawing, Grinding, Cutting |          | ✓           | ✓                         |
| <i>Textile technology</i>                                                        |          |             |                           |

## Overview of lightweighting expertise

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|                                                                                                                                                                         | Research | Development | Manufacturing<br>& Supply |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Material</b>                                                                                                                                                         |          |             |                           |
| <i>Biogenic materials</i>                                                                                                                                               |          |             |                           |
| <i>Cellular materials (foam materials)</i>                                                                                                                              |          |             |                           |
| <b>Composites</b><br>Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP) |          |             | ✓                         |
| <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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