

Mitras Composites Systems GmbH

About this organisation

Machine translation

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

Mitras Composites Systems GmbH is a company of Senata GmbH based in Freising. Mitras' main field of activity is the processing of carbon fibre-reinforced and glass fibre-reinforced plastics.

The lightweight construction competences of Mitras Composites Systems GmbH include the development and production of SMC, C-SMC or BMC components. The materials are used as lightweight construction solutions in vehicle construction (passenger cars and commercial vehicles), rail vehicles, aviation, the electrical and construction industries, medical and safety technology, sports equipment and industrial applications. Working closely with customers, the company offers complete solutions from concept to series production of complex composite components made of SMC and BMC. Series production is carried out on presses and injection moulding systems with clamping forces of up to 2,500 tonnes

Bahnhofstraße 32
01471 Radeburg
Saxony
Germany

www.mitras-composites.de

Main areas covered Battery housing made from SMC, Exterior of commercial vehicles, Luminaire housing, Railway DIN EN 45545-2

Infrastructure Paintwork, Milling, Test laboratory

Certifications ISO 9001, ISO 50001

Keywords sheet moulding compound SMC, bulk moulding compound BMC, Presses, Injection moulding of thermosets

Memberships



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Testing and trials, Engineering, Standardisation, Prototyping, Validation, Simulation		✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Lightweight construction concepts		✓	✓
Functional integration Material functionalisation		✓	✓
<i>Measuring and testing technology</i>			
<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			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting, Powder coating		✓	✓
Fibre composite technology Resin infusion process, Pre-preg processing, Others (Pressing of SMC and PCM Injection moulding of SMC and BMC)		✓	✓
Forming Impact extrusion, Compression moulding		✓	✓
Joining Adhesive bonding, Riveting, Screwing			✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Sawing, Grinding, Cutting			✓
<i>Textile technology</i>			

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>			
<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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