

About this organisation

MDC is an innovative development and manufacturing service provider for future-oriented composite technologies in lightweight construction. Expert knowledge from the product idea to product planning and development. From individual and prototype production to series production. Lightweight construction is our passion!

Technology consulting of composite material including design dimensioning Vacuuminfusion and -injection, RTM/ RIM methods, hand laminating, and mechanical processing Expertise in carbon, glasfiber, aramid, kevlar, thermo / duroplastic matrix, and sandwichhybrid materials. In-depth knowledge of raw-materials in combination with an effective supplier network allows to produce semi-finished products to ideally match customer specifications.

Streeker Str. 5b
26446 Friedeburg
Lower Saxony
Germany

www.md-composites.de



Organisation type

Small or medium-sized enterprise

Sectors



Others:

Employees

50 up to 249

Turnover

€2m - €10m

Funding

Main areas covered Entwicklung / Design / Berechnung , Werkzeugbau / Formenbau, Prototypenfertigung, Serienfertigung

Infrastructure

Certifications DIN ISO 9001:2015

Keywords

Memberships Carbon United

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Tools and moulds			✓
Services & consulting Training, Consulting, Engineering			✓
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures, Lightweight construction concepts		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting			✓
Fibre composite technology Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion			✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

	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), Carbon-fiber reinforced plastics (CFRP), Metal matrix composite			✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics, Others (Hybridwerkstoffe)			✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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