### About this organisation

#### **Machine translation**

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

C.F. Maier produces components and systems made of plastic and light metal. We are a respected partner to many sectors of industry, especially the European commercial vehicle industry.

Our core competence lies in the production of components and systems with fibre composite plastics made of glass fibre, carbon fibre or a combination of both in polyester or epoxy resin matrix. The following processes are used in the C.F. Maier companies: low-pressure SMC pressing, wet pressing, RTM processes with vacuum or high-pressure injection, vacuum expansion processes and hand lay-up processes. We are also known for processing polyurethane foam (PU). C.F. Maier uses three different processes for this: RIM process, SRIM process and RRIM process. C.F. Maier processes all thermoplastics with the exception of PVC into a wide variety of panelling parts. These are CNC trimmed with high precision and further processed according to customer requirements (e.g. ultrasonic welding).

Wiesenstraße 43 89551 Königsbronn Baden-Württemberg Germany ☑ www.c-f-maier.de



About this or	ganisation
Main areas covered	Plastic products, Fibre-reinforced plastics
Infrastructure	
Certifications	DIN EN ISO 9001:2015, IATF 16949:2016, DIN ISO 50001:2011, KBA certification, ISO 14001:2015
Keywords	Hand laminate, Wet presses, SMC presses, PUR
Memberships	AVK - Industrievereinigung Verstärk

## Overview of lightweighting expertise

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	Research	N Development	Manufacturin & Supply
Offer			
<b>Products</b> Parts and components, Semi-finished parts		$\checkmark$	$\checkmark$
Services & consulting Engineering, Prototyping, Simulation		$\checkmark$	$\checkmark$
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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	Research		Aanufacturin & Supply
Manufacturing process			
Additive manufacturing 3D printing			$\checkmark$
<b>Coating (surface engineering)</b> Painting, Plasma process		$\checkmark$	$\checkmark$
<b>Fibre composite technology</b> Fibre spraying, Manual lamination, Resin infusion process, Resin transfer moulding, Pre- preg processing		$\checkmark$	$\checkmark$
<b>Forming</b> Compression moulding, Thermal converting, Deep-drawing		$\checkmark$	$\checkmark$
<b>Joining</b> Adhesive bonding, Riveting, Screwing, Welding		$\checkmark$	$\checkmark$
Material property alteration			
Primary forming			
<b>Processing and separating</b> Drilling, Milling, Sawing, Grinding			$\checkmark$

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	Research	N Development	lanufacturir & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
<b>Composites</b> Glass-fiber reinforced plastics (GFRP), Carbon- fiber reinforced plastics (CFRP), Laminates		$\checkmark$	$\checkmark$
<b>Fibres</b> Glass fibres, Carbon fibres			$\checkmark$
Functional materials			
<b>Metals</b> Aluminium		$\checkmark$	$\checkmark$
<b>Plastics</b> Thermoset plastics, Thermoplastics		$\checkmark$	$\checkmark$
Structural ceramics			

### Contacts

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	Contacts
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