

About this organisation

Machine translation

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

Form und Technik Engineering GmbH is a service provider in the field of prototype and sample construction as well as lightweight construction with fibre-reinforced plastics (FRP). The range of services includes production-ready design, model and prototype construction including rapid prototyping with various plastics as well as component production using the extrusion process on our hydraulic 25,000 kN lower piston press.

Service provider for the production of fibre-reinforced plastic parts by compression moulding. On our 25,000 kN press, we process thermoplastic and thermosetting semi-finished fibre products such as GMT, SMC, BMC or LWRT into a wide variety of components. We take care of all process steps for our customers, from material-specific advice and tool design to mechanical post-processing in the CNC milling centre and subsequent quality control using 3D measuring methods. We provide support with tool testing and process optimisation, or take over existing tools to ensure the availability of spare parts for discontinued series.

Lindenstraße 2
09627 Bobritzsch-Hilbersdorf
Saxony
Germany
www.formundtechnik.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

n/a

Funding



Form und Technik Engineering GmbH

About this organisation

Main areas covered	Production of FRP components, Model and prototype construction, Vacuum casting, Rapid prototyping
Infrastructure	Convection oven 2,200 mm x 3,400 mm, CNC machining centre, Technical centre, Lower piston press, Water jet cutting system
Certifications	IATF 16949, ISO 9001, ISO 1400
Keywords	Production of FRP components, Model making, Vacuum casting, Rapid prototyping
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Testing and trials, Engineering, Prototyping		✓	✓
Field of technology			
<i>Design & layout</i>			
<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

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Others (Press forming of thermoplastic and thermoset fibre-reinforced materials)		✓	✓
Forming Impact extrusion, Compression moulding		✓	✓
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Milling, Cutting, Others (Deburrr)			✓
<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>			
Composites Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP), Laminates			✓
<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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