

# Hufschmied Zerspanungssysteme GmbH

## About this organisation

Founded in 1991, Hufschmied Zerspanungssysteme GmbH, headquartered in Bobingen near Augsburg, is a manufacturer of high-quality tools for machining production. By concentrating on the machining of plastics, glass fiber materials and carbon fiber at an early stage, Hufschmied has taken a leading position in Europe in the development of solutions for new materials.

The company is an established system supplier to renowned machine tool manufacturers. Tools and production process consulting from Hufschmied are particularly valued in the automotive and aerospace industries as well as in medical technology. The company is involved in numerous organizations, including Composites United Deutschland e. V. Hufschmied's production facilities are based in Winterlingen in the Swabian Alb. In addition, we offer the production of pilot series and prototype components manufactured in our engineering center. Our lightweight construction expertise includes: - Machining tools for FRP materials - Process consulting for the final processing of FRP components - 0-series and prototype processing - Process engineering of machining processes

Edisonstr. 11 D  
86399 Bobingen  
Bavaria  
Germany  
[www.hufschmied.net](http://www.hufschmied.net)

**Main areas covered** Machining processes, tools

**Infrastructure** Machining centres

**Certifications** ISO 9001

**Keywords** Machining, post-processing, prototypes, milling, drilling, finishing

**Memberships**



### Organisation type

Small or medium-sized enterprise

### Sectors



Others:

### Employees

50 up to 249

### Turnover

€10m - €50m

### Funding

n/a

# Hufschmied Zerspanungssysteme GmbH

Overview of lightweighting expertise			
	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Tools and moulds	✓	✓	✓
<b>Services &amp; consulting</b> Consulting, Testing and trials, Prototyping, Maintenance and repair	✓	✓	✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Hybrid structures	✓	✓	✓
<i>Functional integration</i>			
<b>Measuring and testing technology</b> Component and part analysis			✓
<i>Modelling and simulation</i>			
<b>Plant construction &amp; automation</b> Robotics	✓	✓	✓
<i>Recycling technologies</i>			

# Hufschmied Zerspanungssysteme GmbH

## Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<b>Forming</b>			✓
Thermal converting, Deep-drawing			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<b>Processing and separating</b>			
Drilling, Milling, Electrical discharge machining, Cutting	✓	✓	✓
<i>Textile technology</i>			

# Hufschmied Zerspanungssysteme GmbH

## Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<b>Cellular materials (foam materials)</b> Closed-pore, Open-pore		✓	✓
<b>Composites</b> Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Short fibre-reinforced concrete, Metal-fibre-polymer composite, Metal-ceramic composite, Metal matrix composite, Nanocomposites, Natural fibre reinforced plastics (NFRP), Laminates, Particulate composites		✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

Mr Dipl.Ing Ralph Hufschmied

*Managing Director*

[info@hufschmied.net](mailto:info@hufschmied.net)