

## About this organisation

### Machine translation

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

In order to secure the long-term success of the company and thus jobs, we want to fulfil our customers' expectations. We place customer satisfaction at the centre of our daily activities and constantly drive forward the continuous improvement process.

As a product of our technical embroidery and using Tailored Fibre Placement TFP technology, we manufacture reinforcement structures that can withstand the highest demands. The components are used, for example, in areas where a lightweight design and high stability are required. These include the automotive sector, aviation, sports equipment and accessories and the medical sector. The demand for our innovative embroidery technology continues to grow thanks to a constant stream of new applications. However, it is not only the weight reduction and stability that speak in favour of using reinforcing structures; depending on the requirements and application, the positive properties such as temperature resistance, corrosion resistance and acid protection are also an important point.

Hermann-Burkhardt-Straße 7  
72793 Pfullingen  
Baden-Württemberg  
Germany  
[www.digel-sticktech.de](http://www.digel-sticktech.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

€2m - €10m

### Funding



# Digel Sticktech GmbH & Co. KG

## About this organisation

<b>Main areas covered</b>	Tailored fibre placement (TFP)
<b>Infrastructure</b>	Continuous fibre-reinforced Themoplast
<b>Certifications</b>	ISO 9001; ISO 14001
<b>Keywords</b>	Tailored fibre placement; preform
<b>Memberships</b>	AFBW

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts	✓	✓	✓
<b>Services &amp; consulting</b> Prototyping	✓	✓	✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Hybrid structures, Lightweight construction concepts	✓	✓	✓
<b>Functional integration</b> Actuator technology, Media conductivity, Sensor technology, Thermal activation, Material functionalisation		✓	✓
<b>Measuring and testing technology</b> Non-destructive analysis			✓
<b>Modelling and simulation</b> Optimisation, Processes			✓
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<b>Coating (surface engineering)</b> Painting			✓
<b>Fibre composite technology</b> Pre-preg processing			✓
<b>Forming</b> Thermal converting			✓
<b>Joining</b> Soldering, Sewing			✓
<i>Material property alteration</i>			
<b>Primary forming</b> Injection moulding			✓
<b>Processing and separating</b> Shearing/punching, Cutting			✓
<b>Textile technology</b> Preforming, Knitting, laid web production			✓

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Bioplastics			✓
<b>Cellular materials (foam materials)</b> Closed-pore, Open-pore, Syntactic foams			✓
<b>Composites</b> Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP)			✓
<b>Fibres</b> Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres		✓	✓
<i>Functional materials</i>			
<i>Metals</i>			
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics		✓	✓
<i>Structural ceramics</i>			
<b>(Technical) textiles</b> Yarns, rovings, Laid webs, Woven fabrics, Knitted fabrics, Nonwovens, mats			✓

## Contacts

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Contacts

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