

## About this organisation

### Machine translation

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

The Voith Group is a global technology group. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the energy, paper, raw materials and transport & automotive markets. Founded in 1867, Voith today has around 21,000 employees, sales of €4.9 billion and locations in over 60 countries around the world, making it one of the largest family-owned companies in Europe.

Among other things, Voith Composites operates in the field of fibre composite technologies in the area of lightweight construction. Voith also develops additive manufacturing technologies across all divisions. These can be used to implement topology-optimised lightweight constructions, among other things.

St. Pöltener Straße 43  
89522 Heidenheim an der Brenz  
Baden-Württemberg  
Germany

[www.voith.com](http://www.voith.com)

**Main areas covered** Additive manufacturing

**Infrastructure**

**Certifications**

**Keywords** ISO 9001:2008; ISO 14001:2009

**Memberships** DMRC; FVA



**Organisation type**

Large enterprises

**Sectors**



**Employees**

500 and more

**Turnover**

More than €50m

**Funding**

n/a

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Machines and plants, Tools and moulds			✓
<b>Services &amp; consulting</b> Engineering, Maintenance and repair			✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Hybrid structures, Lightweight construction concepts			✓
<b>Functional integration</b> Media conductivity, Thermal activation		✓	✓
<b>Measuring and testing technology</b> Visual analysis (e.g. microscopy, metallography), Destructive analysis		✓	
<b>Modelling and simulation</b> Loads & stress, Multiphysics simulation, Optimisation, Structural mechanics	✓		
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

## Overview of lightweighting expertise

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Manufacturing  
Research   Development   & Supply

#### Manufacturing process

##### Additive manufacturing

3D printing, Deposition welding, Fused deposition modeling, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography



##### Coating (surface engineering)

Plasma process, Powder coating



*Fibre composite technology*

*Forming*

*Joining*

*Material property alteration*

*Primary forming*

*Processing and separating*

*Textile technology*

## Overview of lightweighting expertise

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Manufacturing  
Research   Development   & Supply

#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

#### Metals

Aluminium, Steel



#### Plastics

Elastomers, Thermoplastics



*Structural ceramics*

*(Technical) textiles*

## Contacts

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## Contacts

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