

# Space Structures GmbH

## About this organisation

### Machine translation

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

Space Structures GmbH is a Berlin-based company with a powerful development team, which is complemented by the project management, sales & marketing and quality assurance units. The company mainly works on projects and product developments for the aerospace industry.

Lightweight construction and all issues relating to structural and thermal behaviour are the basis of our daily work. Thanks to our expertise in the field of lightweight metals and fibre composites, we have become a valued development partner and supplier of customised products for the aerospace industry.

Fanny-Zobel-Strasse 9  
12435 Berlin  
Berlin  
Germany  
[www.spacestructures.de](http://www.spacestructures.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

Up to €2m

### Funding

n/a



### Main areas covered

Integral FRP components (CFRP, GFRP), 3D print-optimised components, Software for screw calculation, Development services, Tools for engineering processes

### Infrastructure

### Certifications

### Keywords

### Memberships

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Software & databases, Systems and end products	✓	✓	✓
<b>Services &amp; consulting</b> Consulting, Distribution, Engineering, Validation, Simulation, Technology transfer	✓	✓	✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<b>Functional integration</b> Actuator technology, Sensor technology	✓	✓	✓
<i>Measuring and testing technology</i>			
<b>Modelling and simulation</b> Crash behaviour, Loads & stress, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Reliability validation	✓	✓	✓
<i>Plant construction &amp; factory automation</i>			
<i>Recycling technologies</i>			

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS)		✓	✓
<i>Coating (surface engineering)</i>			
<b>Fibre composite technology</b> Filament winding, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion		✓	✓
<i>Forming</i>			
<b>Joining</b> Adhesive bonding, Screwing		✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<b>Textile technology</b> Preforming		✓	✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Biocomposites		✓	✓
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP)		✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<b>Metals</b> Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium		✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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## Contacts

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