

## About this organisation

### Machine translation

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

The Siemens Digital Factory Division encompasses all competences and systems relevant to lightweight construction. From component design and production planning through to efficient production, Siemens solutions support you throughout the entire value creation process in your company.

From the product idea to the efficient production of the finished workpiece, Siemens offers innovative and flexible solutions in all process steps. We support you in the areas of software and hardware - from the design of the workpiece through engineering to the end-to-end automation of your production process, including the necessary logging and archiving of all relevant production data. Take advantage of our wide range of end-to-end software solutions for the design, layout and production planning phase as well as our extensive experience and in-depth understanding of the automation of manufacturing processes for the efficient production of composite components.

Frauenauracherstr. 80  
91056 Erlangen  
Bavaria  
Germany  
[siemens.de/leichtbau](https://www.siemens.de/leichtbau)



### Organisation type

Large enterprises

### Sectors



### Employees

500 and more

### Turnover

More than €50m

### Funding

n/a



## About this organisation

**Main areas covered** PLM software (CAD, CAE, CAM), Production / process simulation, Machine and factory automation

**Infrastructure**

**Certifications**

**Keywords** Simulation, calculation, design, Design, automation, CNC,, Control system, production line, motors, Production planning, drives,, Heating controls, switch cabinet

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Software & databases, Others (Products and systems for production automation and the engineering and production planning process)			✓
<i>Services &amp; consulting</i>			

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction			✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<b>Modelling and simulation</b> Crash behaviour, Loads & stress, Life-cycle analysis, Optimisation, Processes, Structural mechanics			✓
<b>Plant construction &amp; automation</b> Automation technology, Robotics			✓
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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**Research   Development   Manufacturing  
& Supply**

#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

*Metals*

*Plastics*

*Structural ceramics*

*(Technical) textiles*

## Contacts

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

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