

## About this organisation

### Machine translation

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

The Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW) at the University of Stuttgart is one of the world's leading university research institutes in the field of control engineering - from planning to tooling.

The ISW conducts interdisciplinary research into technologies for the production and automation of the day after tomorrow. For more than 50 years, we have been an innovative and reliable partner for industry, meeting demanding challenges from the initial idea to the finished product.

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Seidenstraße 36  
70174 Stuttgart  
Baden-Württemberg  
Germany  
[www.isw.uni-stuttgart.de/](http://www.isw.uni-stuttgart.de/)



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#### Organisation type

University or higher education institution

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#### Sectors



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#### Employees

50 up to 249

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#### Turnover

n/a

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#### Funding

## About this organisation

**Main areas covered** Machine tools, Control and regulation technology, Additive manufacturing, Virtual production, Simulation

**Infrastructure**

**Certifications**

**Keywords**

**Memberships**

## Overview of lightweighting expertise

### Machine translation

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Machines and plants, Software & databases, Systems and end products, Materials, Tools and moulds	✓	✓	
<i>Services &amp; consulting</i>			
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

## Overview of lightweighting expertise

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Research    Development    **Manufacturing  
& Supply**

#### Manufacturing process

*Additive manufacturing*

*Coating (surface engineering)*

*Fibre composite technology*

*Forming*

*Joining*

*Material property alteration*

*Primary forming*

*Processing and separating*

*Textile technology*

#### 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.

Mr

[info@isw.uni-stuttgart.de](mailto:info@isw.uni-stuttgart.de)