

About this organisation

Machine translation

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

The Institute for Machine Tools (IfW) at the University of Stuttgart works on research projects in the field of design and optimisation of machine tools and machining technology.

The focus of basic and application-oriented research at the IfW is on the design, simulation and experimental investigation of machine tools and tools, the development of tool and process optimisation of machining processes for metallic materials, wood and wood-based materials, fibre composite/lightweight construction materials and automation technology, environmental technology to reduce emissions and the development of energy-saving potential.

Holzgartenstraße 17
70174 Stuttgart
Baden-Württemberg
Germany
www.ifw.uni-stuttgart.de/



Universität Stuttgart
Institut für Werkzeugmaschinen

Organisation type

University or higher education institution

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a

Main areas covered

Machine tools

Infrastructure

Certifications

Keywords

Memberships

Lightweight construction BW

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants	✓		
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

Overview of lightweighting expertise

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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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Mr Dr.-Ing. Thomas Stehle

thomas.stehle@ifw.uni-stuttgart.de