

University of Stuttgart MPA Materials Testing Institute

About this organisation

Machine translation

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

Our cross-sector portfolio in the construction industry and in plant and mechanical engineering enables us to provide you with a complete service package from a single source.

Material and, above all, component-oriented testing - including under real load conditions, fracture mechanics tests and evaluations, non-destructive testing, metallographic and microstructural characterisation of materials. Determination of material parameters, service life analyses, quality assurance, ageing behaviour of lightweight materials. Corrosion investigation, corrosion protection, corrosion tests, characterisation of coatings. Strength calculations and simulation of component behaviour.

Pfaffenwaldring 32
70569 Stuttgart
Baden-Württemberg
Germany
www.mpa.uni-stuttgart.de/



Universität Stuttgart
Materialprüfungsanstalt

Organisation type

University or higher education institution

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

Main areas covered

Plant and mechanical engineering

Infrastructure

Certifications

Keywords

Memberships

Lightweight construction BW

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials	✓		
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<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>			

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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