Technical University of Munich

Institute for Machine Tools and Industrial Management

About this organisation

Machine translation

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

As one of the largest production engineering research institutions in Germany, the iwb comprises three chairs of the TUM School of Engineering and Design in Garching near Munich. The Chair of Industrial Management and Assembly Technology, the Chair of Machine Tools and Production Engineering and the Chair of Production Engineering and Energy Storage Systems define the research content and thematic focus of the iwb.

Topology optimisation, assembly process simulation and additive manufacturing

Boltzmannstraße 15
85748 Garching bei München
Bavaria
Germany
www.mec.ed.tum.de/iwb/startseite/

iwb - Institut für Werkzeugmaschinen und Betriebswissenschaften

Organisation type
University or higher education institution

Sectors
No specific sector

Employees
50 up to 249

Turnover
€10m - €50m

Funding
n/a

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About this organisation

Main areas covered	Additive manufacturing
Infrastructure	
Certifications	
Keywords	
Memberships	

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components	✓		
Services & consulting Simulation	✓		
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Selective laser melting (SLM, LPBF, ...)	✓		
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			

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Contacts

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