

IMS Gear SE & Co. KGaA

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About this organisation

Machine translation

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

IMS Gear is one of the leading companies in the field of gear and transmission technology and is an established player in the automotive sector with its technical solutions for components, assemblies and transmissions. In-depth development expertise, a wide range of manufacturing capabilities, process competence and internationalisation are key success factors. IMS Gear produces close to its customers at its sites in Germany, the USA, Mexico and China.

Reduction in the use of raw materials, Consolidation of production processes Reduction of gearbox sizes

Heinrich-Hertz-Straße 16
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Baden-Württemberg
Germany

www.imsgear.com

The logo for IMS Gear features the word "IMS" in a bold, dark blue sans-serif font, followed by "GEAR" in a slightly smaller, lighter blue font. The two words are separated by a thin vertical line and a small blue gear icon.

Organisation type

Small or medium-sized enterprise

Sectors



Others: Industrieanwendungen

Employees

500 and more

Turnover

More than €50m

Funding

n/a



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About this organisation

Main areas covered	Metal component production, Ready to use. Metal/plastic, Plastic component production, Assembly of components/gearboxes
Infrastructure	Pre-development, Laboratory, Test benches, Construction
Certifications	Quality management IATF 16949, Environmental management ISO 140001, Energy management ISO 50001
Keywords	Turning, milling, grinding, broaching,, Injection moulding, Toolmaking, Equipment construction, Mount
Memberships	WVIB, IHK

Overview of lightweighting expertise

Machine translation

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Offer	Manufacturing		
	Research	Development	& Supply
Products Parts and components, Tools and moulds	✓	✓	✓
Services & consulting Training, Testing and trials, Engineering, Prototyping, Validation, Simulation	✓	✓	✓

Overview of lightweighting expertise

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Field of technology	Manufacturing		
	Research	Development	& Supply
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures	✓	✓	
Functional integration Actuator technology, Sensor technology, Thermal activation, Material functionalisation	✓	✓	
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	
Modelling and simulation Crash behaviour, Loads & stress, Life-cycle analysis, Optimisation, Processes, Materials, Reliability validation	✓	✓	
Plant construction & automation Automation technology, Handling technology, Robotics	✓	✓	
Recycling technologies Material separation, Recycling, Upcycling	✓		

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing			✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Rolling	✓		✓
Joining Adhesive bonding, Soldering, Riveting, Screwing, Welding	✓		✓
Material property alteration Mechanical treatment, Thermomechanical treatment, Heat treatment	✓	✓	✓
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Grinding	✓	✓	
<i>Textile technology</i>			

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Overview of lightweighting expertise

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Manufacturing
Research Development & Supply

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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