ZF Friedrichshafen AG

About this organisation

Machine translation

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

ZF is a globally active technology group and supplies systems for the mobility of passenger cars, commercial vehicles and industrial technology. With a comprehensive technology portfolio, ZF offers holistic solutions for established automotive manufacturers as well as mobility providers and emerging companies in the transport and mobility sector. The ZF Group has around 153,500 employees at 271 locations in 42 countries.

ZF's development departments make lightweight products made of metals and plastics possible for all of ZF's areas of activity. Particularly in the areas of passenger transport and commercial vehicles, ZF develops completely new products up to series production readiness and also takes over the production of these components. This is always accompanied by a scientifically sound analysis of the environmental impact, so that it is ensured at all times that new ZF products are considerably more environmentally compatible than their predecessors. ZF is endeavouring to be climate-neutral by 2040 at the latest - lightweight construction is a building block in achieving this goal.

Löwentaler Str. 20
88046 Friedrichshafen
Baden-Württemberg
Germany
www.zf.com

Organisation type
Large enterprises

Sectors

Employees
500 and more

Turnover
More than €50m

Funding

ZF Friedrichshafen AG

About this organisation

Main areas covered	Chassis technology and drive technology
Infrastructure	
Certifications	
Keywords	
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Services & consulting			

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
Functional integration Sensor technology	✓	✓	✓
Measuring and testing technology Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	
Modelling and simulation Loads & stress, Structural mechanics, Materials		✓	✓
Plant construction & automation			
Recycling technologies			

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing	✓	✓	✓
Coating (surface engineering)			
Fibre composite technology Filament winding, Others (Pultrusion)	✓	✓	✓
Forming			
Joining Hybrid joining, Adhesive bonding		✓	✓
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals Aluminium, Steel		✓	✓
Plastics Thermoset plastics, Thermoplastics		✓	✓
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

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