

Hilti Plastics Technology GmbH

About this organisation

Machine translation

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

The Hilti Group is a leading large family-owned company in the development, manufacture and sale of high-quality products for commercial end customers in the main and ancillary building trades, in mining and quarrying, in energy and industrial plant construction and in building maintenance.

Hilti Kunststofftechnik GmbH is one of several production facilities and the main plant for plastics technology. Fastening elements (e.g. plastic anchors) and plastic components for various Hilti products are manufactured there. The plant is a competence centre with a focus on product and production technology as well as all materials technology issues. In-house expertise lies in thermoplastic injection moulding and special injection moulding processes (classic 1K and 2K injection moulding, internal gas pressure injection moulding and foam injection moulding).

Martin-Hilti-Weg 1
89278 Nersingen
Bavaria
Germany
www.hilti.de/



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

50 up to 249

Turnover

n/a

Funding

n/a

Main areas covered Injection moulding (1k and 2k), Gas internal pressure injection moulding (GID), Foam injection moulding (MuCell), Insert/outsert technology

Infrastructure

Certifications

Keywords

Memberships

Hilti Plastics Technology GmbH

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Tools and moulds		✓	✓
Services & consulting Consulting, Testing and trials, Engineering, Prototyping, Simulation		✓	✓
Field of technology			
Design & layout Lightweight design, Hybrid structures, Lightweight material construction		✓	✓
Functional integration Material functionalisation		✓	✓
Measuring and testing technology Component and part analysis, Materials analysis, Destructive analysis		✓	✓
Modelling and simulation Processes, Materials			✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Hybrid joining, Welding		✓	✓
<i>Material property alteration</i>			
Primary forming Injection moulding		✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Overview of lightweighting expertise

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

Contacts

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Contacts

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