

SK industrial model Ltd.

About this organisation

Machine translation

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

From supporting customers in product development to toolmaking and series production, we realise various concepts depending on customer requirements. With a fully equipped mould and tool shop and 10 injection moulding machines of various types at one location, we enable efficiency and flexibility in plastics production and thus cover the entire value chain.

Replacement of conventional metal/cast components in end products with fibre-reinforced plastics fibre-reinforced plastics, as well as the reduction of the component weight of plastic injection moulded products by up to 10% by means of thermoplastic foam injection moulding

Zweibrüggen 1-3
52531 Übach-Palenberg
North Rhine-Westphalia
Germany
sk-industriemodell.de



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a

Main areas covered

Plastic injection moulding, Toolmaking, Print & Inject, Material Lab

Infrastructure

Material Lab for injection moulding

Certifications

DIN EN ISO 9001:2015

Keywords

Foam injection moulding, Print & Inject, Metal replacement, Ultra Light Weight TPE, BioStruct

Memberships

Plastics state NRW, Family entrepreneur

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Tools and moulds		✓	✓
Services & consulting Consulting, Testing and trials, Engineering, Prototyping, Simulation		✓	✓
Field of technology			
Design & layout Lightweight design, Hybrid structures		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Handling technology		✓	✓
Recycling technologies Recycling		✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography			✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
Material property alteration Mechanical treatment			✓
Primary forming Injection moulding			✓
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Sawing, Grinding, Cutting			✓
<i>Textile technology</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Bioplastics, Biocomposites, Wood		✓	✓
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
Fibres Glass fibres, Carbon fibres, Natural fibres		✓	✓
<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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