

Josef Mawick Kunststoff-Spritzgußwerk GmbH & Co. KG

About this organisation

Machine translation

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

"A passion for plastics technology" has been our guiding principle for more than 60 years. The name Mawick and its employees stand for innovation, high technical expertise, in-house toolmaking in the automotive, agricultural engineering, electronics, household and children's vehicle sectors certified to ISO9001/TS16949. 45 injection moulding machines (clamping force 500 to 15000 KN), 2 blow moulding machines and a clean room are available for production

Lightweight construction - for Josef Mawick Kunststoff-Spritzgusstechnik, this means the optimum selection of materials, the design of geometries adapted to the component requirements and the use of state-of-the-art manufacturing processes with the aim of fully meeting the customer's demands on the components both functionally and economically. In-house calculations for mould design, injection points, distortion simulations and FEM calculations together with our long-standing partners are all part of Mawick's full-service portfolio. Together with the customer and the raw material manufacturer, a lightweight plastic steering housing for electric and small vehicles was developed and qualified for series production. In addition to the economic advantages, a weight reduction of 40% and all OEM test specifications were achieved. In 2016, the steering housing was honoured with the Silver Award at the Materialica trade fair and the Innovation Award of the city of Werl.

Pröbstinger Weg 3
59457 Werl-Sönnern
North Rhine-Westphalia
Germany
www.mawick.eu



Organisation type

Small or medium-sized enterprise

Sectors



Others: Agrartechnik

Employees

50 up to 249

Turnover

n/a

Funding

n/a

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About this organisation

Main areas covered Development of plastic articles, Metal substitution, Component optimisation, Injection moulding tool creation, Injection moulded parts up to 6,500 g

Infrastructure

Certifications ISO 9001 and ISO/TS16949

Keywords 1K, 2K, blow moulding, clean room, GID, finishing, printing, assembly, Welding,, Toolmaking

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Engineering, Prototyping, Simulation			✓
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Deposition welding, Stereolithography			✓
Coating (surface engineering) Galvanising, Painting, Plasma process			✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming Injection moulding , Others (Blow moulding technology)			✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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

Contacts

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Contacts

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Distribution

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