

KraussMaffei Automation GmbH

About this organisation

Machine translation

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

KraussMaffei Automation GmbH, Erding-Schwaig, has been a specialist in the development, design, manufacture, assembly and sale of demoulding systems for injection moulding machines for over 30 years. As a subsidiary of the Munich-based injection moulding machine manufacturer KraussMaffei Technologies GmbH, the latest technologies in the field of plastic injection moulding are researched and developed in joint cooperation.

In the field of lightweight construction, KraussMaffei Automation GmbH develops automation solutions for the processing of dry and pre-impregnated semi-finished thermoplastic reinforcements. The latter is summarised under FiberForm technology. KraussMaffei Automation GmbH is responsible for the product-orientated development of automation solutions consisting of the following processes: Quality assurance, handling, heating, insertion, removal.

Möslstraße 19
85445 Oberding-Schwaig
Bavaria
Germany

www.kraussmaffei.com/automation-de/

Main areas covered Gripper systems for semi-finished fibre products, Infrared heating technology, Automation concepts, Quality assurance, Participation in public projects

Infrastructure Articulated robots, Linear robots, Infrared heating oven, Handling units, Automation control

Certifications

Keywords FibreForm, Lightweight construction, Automation, Heating technology, Organosheet

Memberships



Organisation type

Small or medium-sized enterprise

Sectors



Employees

250 up to 499

Turnover

More than €50m

Funding

n/a

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants, Software & databases, Tools and moulds	✓	✓	✓
Services & consulting Training, Engineering, Prototyping, Simulation, Maintenance and repair	✓	✓	✓
Field of technology			
Design & layout Lightweight design, Lightweight material construction		✓	✓
Functional integration Sensor technology			✓
Measuring and testing technology Non-destructive analysis			✓
Modelling and simulation Processes			✓
Plant construction & factory automation Plant construction, Automation technology, Handling technology, Robotics	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing			✓
<i>Coating (surface engineering)</i>			
Fibre composite technology Others: null			✓
Forming Thermal converting		✓	✓
Joining Adhesive bonding, Screwing			✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Shearing/punching, Cutting			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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Mr Dr.-Ing. Mesut Cetin

*Product and project manager lightweight
construction*

mesut.cetin@kraussmaffei.com