C-marx GmbH

About this organisation

Machine translation

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

We develop comprehensive solutions for additive manufacturing with digital inkjet printing for our customers. The production of 2D and 3D surfaces, functional coatings, markings or labelling are the focus of our research and development activities. For these applications, C-marx plans, develops and installs customised systems in existing production lines as well as complete production systems.

In the field of lightweight construction, C-marx focuses on the integration of functional coatings (printed electronics, sensors, seals, protective and absorption layers, chemical coatings, support structures) in lightweight structures and composites. Here, the use of digital inkjet technology opens up new innovative design principles that are energy-efficient and sustainable thanks to their lightweight construction.

Technologie-Campus 1
09126 Chemnitz
Saxony
Germany
www.c-marx.de

Organisation type
Small or medium-sized enterprise

Sectors

Employees
Up to 9

Turnover
Up to €2m

Funding
n/a

Main areas covered	Special machine construction, Additive manufacturing, Digital printing, Functional coatings, Inkjet
Infrastructure	Inkjet laboratory for R&D, Construction, Software CAD/Calculation/Programme, Automation, Programming
Certifications	
Keywords	Inkjet, Additive manufacturing, Special machine construction, Printing technology
Memberships	VEMAS e.V., AMZ Saxony, VDD e.V.

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Software & databases, Systems and end products, Materials	✓	✓	✓
Services & consulting Consulting, Testing and trials, Funding, Engineering, Prototyping, Validation, Simulation, Maintenance and repair	✓	✓	✓
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation Plant construction, Automation technology, Robotics	✓	✓	✓
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Selective laser sintering (SLS), Stereolithography	✓	✓	✓
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology Textile surface treatment and finishing	✓	✓	✓

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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 Electrorheological/magnetorheological fluids, Electrostrictive / magnetostrictive materials	✓	✓	✓
Metals			
Plastics			
Structural ceramics Monolithic ceramics, Non-oxidic ceramics, Oxidic ceramics, Ultra-high-temperature ceramics	✓	✓	
(Technical) textiles Woven fabrics	✓	✓	

Contacts

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Contacts

Mr Vincent Chemnitz

R&D department

vincent.schneider@c-marx.de

Mr Peter Ueberfuhr

CTO

peter.ueberfuhr@c-marx.de

Mr Sven Holewa

CEO

sven.holewa@c-marx.de