

About this organisation

Machine translation

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

WESOM Textil GmbH has been successfully developing, producing and selling technical and intelligent textiles for innovative problem solutions for many years. The product range extends from geo-, construction-, agricultural-, home-, industrial-, packaging- or eco-textiles to smart textile materials. Research activities in the field of fibre composites will further expand the product range in the future.

Intelligent textiles are textiles with additional functions (also known as functional textiles) based on physical, chemical, biological or electrical effects. The combination of textiles with electronic components or textiles with imparted electrophysical properties are referred to as smart textiles. WESOM Textil GmbH works closely with its customers and national and international research institutes in the field of smart textiles and develops innovative solutions to problems in many areas of life. Current tasks include fibre composites, the functionalisation of textiles and high-performance technical textiles.

August-Bebel-Straße 6a
02785 Olbersdorf
Saxony
Germany
www.wesom-textil.de

Main areas covered

Cladding for organic sheets, High-performance textiles, Functionalised textiles

Infrastructure

MALIMO stitch-bonding machines

Certifications

Keywords

Textile technology, Clutch, Knitted fabrics, Organolech, Functionalisation

Memberships



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

Up to 9

Turnover

Up to €2m

Funding

n/a

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products		✓	✓
Materials			
Services & consulting			
Field of technology			
Design & layout			
Functional integration		✓	
Sensor technology, Thermal activation, Material functionalisation			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology			
Knitting, laid web production		✓	✓

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>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
(Technical) textiles		✓	✓
Laid webs, Knitted fabrics, Nonwovens, mats			

Contacts

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Contacts

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