

About this organisation

Machine translation

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

ALPEX Technologies is a specialised supplier of high-quality production equipment for the manufacture of composite components. Leading companies from the aerospace, automotive and other industrial sectors rely on ALPEX as a development partner in the field of "Tooling for Composites".

Our extensive know-how and many years of project experience enable us to realise complex tools for different processes: - Preform moulds - RTM moulds (HP-RTM / LP-RTM) - Special RTM moulds (Compression RTM / Surface RTM) - Moulds for CFRP component production using the wet pressing process - Prepreg compression moulding tools (PCM) - C-SMC moulds - Laminating devices and bonding devices for prepreg processes or resin infusion processes - Assembly and handling devices - Milling devices For these mould solutions, we cover all steps from the initial concept, simulation, design, manufacture, assembly and quality control.

Gewerbepark 38
6068 Mils
Austria
Austria
www.alpex-tec.com



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

n/a

Funding

n/a



ALPEX Technologies GmbH

About this organisation

Main areas covered Means of production, Tools

Infrastructure

Certifications ISO 9001, EN 9100

Keywords HP-RTM, C-RTM, S-RTM, Preforming, Preforming tools

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants, Tools and moulds	✓	✓	✓
Services & consulting Testing and trials, Engineering, Prototyping, Simulation, Technology transfer	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Processes		✓	✓
Plant construction & factory automation Plant construction, Handling technology	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology Filament winding, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion	✓	✓	✓
Forming			
Joining			
Material property alteration			
Primary forming Pultrusion		✓	✓
Processing and separating			
Textile technology Preforming	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites			
Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Steel, Titanium, Others: null			✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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ALPEX Technologies GmbH

Contacts	
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