

# ALPEX Technologies GmbH

## About this organisation

### Machine translation

This organisation 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](http://www.alpex-tec.com)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

50 up to 249

### Turnover

n/a

### Funding

n/a



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

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## Overview of lightweighting expertise

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

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

## Contacts

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## Contacts

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