

# FRIMO Group GmbH

## The company

### About this organisation

#### Machine translation

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

The FRIMO Group is one of the world's leading manufacturers of system solutions for the production of high-quality plastic components. For more than five decades, customised tool and system technology has been used by FRIMO customers worldwide. The company has developed from a traditional mould and system supplier into a global technology partner.

FRIMO develops systems and tools for the production of lightweight components in fibre composite construction. All aspects are covered, from process design, tool and system design to prototype sampling and support during the start of series production. FRIMO relies on the use of polyurethane, both for the foam core and as a matrix material. The foam cores are produced directly in their three-dimensional contour; functional integration is possible on request (e.g. screw-on points). This procedure eliminates the need to mill the contour from a foam block. The foam core and the fibres used for the respective application are processed in an RTM (Resin Transfer Moulding) process. The advantage of the RTM process is very short cycle times, which is why the process is predestined for large-scale production. On request, the components can be provided with a structured surface, e.g. a bionic surface.

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[www.frimo.com](http://www.frimo.com)



#### Organisation type

Large enterprises

#### Sectors



#### Employees

500 and more

#### Turnover

More than €50m

#### Funding



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## About this organisation

<b>Main areas covered</b>	PUR processing/tools/equipment, Flexible cutting / punching, Pressing / moulding / thermoforming, Laminating / folding, Joining / bonding
<b>Infrastructure</b>	Foaming processes, RTM processes, Paint booth, Process evaluation
<b>Certifications</b>	ISO 9001
<b>Keywords</b>	Street Shark, Function integration, Bionic surfaces, Sandwich, Lightweight construction
<b>Memberships</b>	

## Overview of lightweighting expertise

### Machine translation

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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> Training, Consulting, Testing and trials, Engineering, Prototyping, Maintenance and repair			✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<b>Functional integration</b> Material functionalisation	✓	✓	✓
Measuring and testing technology			
Modelling and simulation			
<b>Plant construction &amp; automation</b> Plant construction		✓	✓
Recycling technologies			
<b>Manufacturing process</b>			
Additive manufacturing			
Coating (surface engineering)			
<b>Fibre composite technology</b> Others (RTM (Resin Transfer Moulding))	✓	✓	
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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

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