

# 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.

Hansaring 1  
49504 Lotte  
North Rhine-Westphalia  
Germany  
[www.frimo.com](http://www.frimo.com)



#### Organisation type

Large enterprises

#### Sectors



#### Employees

500 and more

#### Turnover

More than €50m

#### Funding



# FRIMO Group GmbH

The company

## 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

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

	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

### Machine translation

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

	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	✓	✓	✓
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<b>Plant construction &amp; automation</b> Plant construction		✓	✓
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<b>Fibre composite technology</b> Others (RTM (Resin Transfer Moulding))	✓	✓	
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

## Overview of lightweighting expertise

### Machine translation

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

**Research   Development   Manufacturing  
& Supply**

#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

*Metals*

*Plastics*

*Structural ceramics*

*(Technical) textiles*

## Contacts

### Machine translation

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

Mr Karl-Heinz Stelzl

*Head of Technology Development*

[stelzl.kh@frimo.com](mailto:stelzl.kh@frimo.com)