



When great ideas take shape

Your swiss specialist for high-precision pattern and mould making as well as CNC machining

Client presentation – new customer acquisition

Formbar AG, Kirchdorf (CH) · July 2026

Who We are

When great ideas take shape – Your vision is our promise

Formbar AG is your professional and reliable partner for pattern and mould making – one of the industry-leading companies in Switzerland

Our core expertise is the manufacture of moulds and prototypes. Precise craftsmanship and state-of-the-art technology ensure we meet the highest standards for tolerances, on-time delivery, and surface quality.

From design and manufacturing to the test report – everything from a single source, at a single location.



High-precision

Highest dimensional accuracy across all materials and formats



High-efficient

Short lead times as a result of well-designed processes



High-comitted

Personal Commitment to every single project

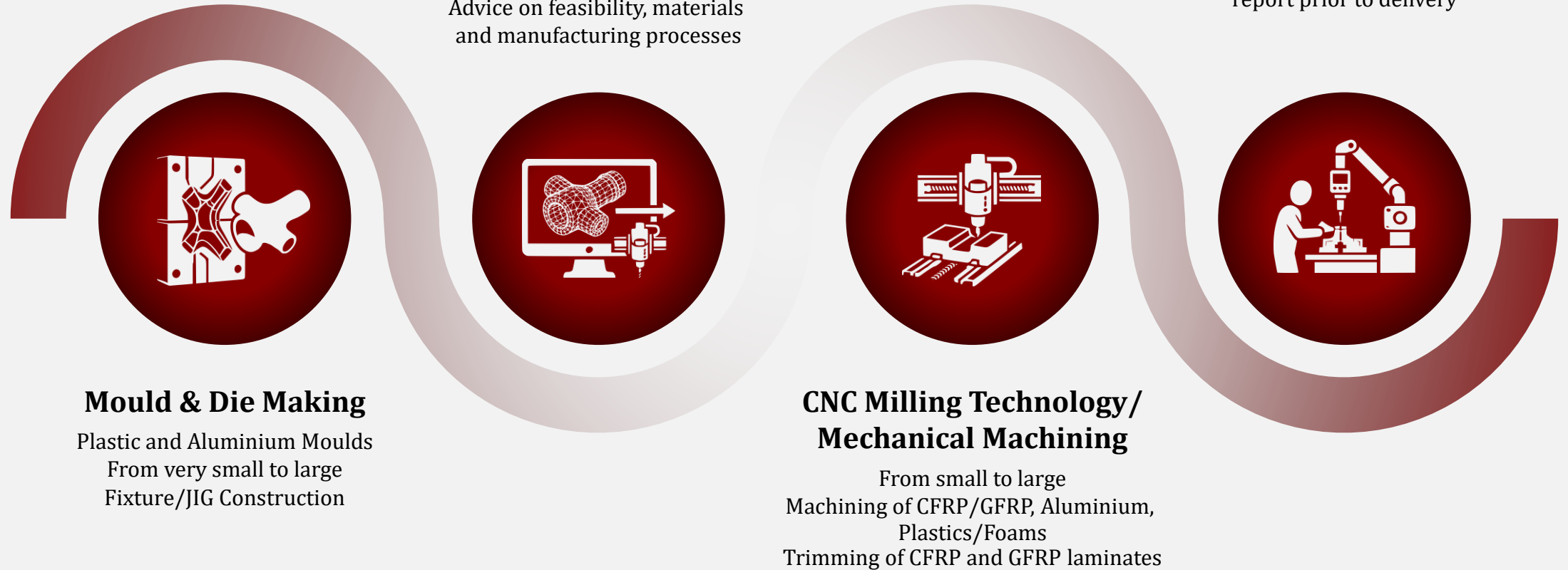


High-quality and on-time delivery

Precise machining of metal and plastic components for the highest dimensional accuracy

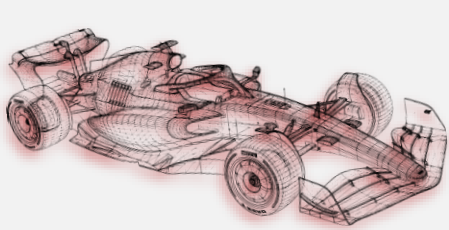
What We do for You

From the preliminary draft to the measured part



Our Experience

Selected Areas of Expertise – the highest standards of precision and on-time delivery

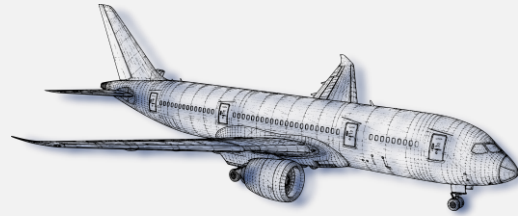


Automobil & Motor Sport

«Moulding for maximum speed»

Precision for Centrifugal Force and Vibration!

Long-term production for Formula 1



Aviation and Space

«To get your visions off the ground»

Safety at high-altitude environments and under extreme strain!

Projects for Aviation and Space Programs

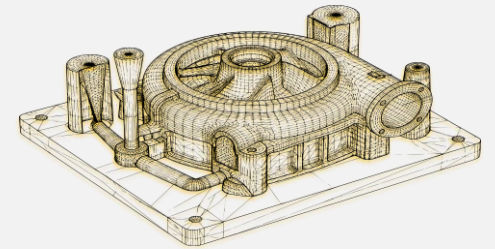


Composite Industry

«Moulding for the Future of Materials»

Reliability under high pressure and high temperatures!

Projects for Aerospace and Defense



Pattern Making

«Passionate about your projects»

Quality that withstands heat and melt flow!

Our Machinery

State of the Art – Our modern machinery is second to none in Switzerland



FZU - Zimmermann

CNC – 5-Axis Gantry Milling Machine

Machining Area:

X-Axis: 4000mm

Y-Axis: 3000mm

Z-Axis: 1500mm



FZ33c - Zimmermann

CNC – 5-Axis Gantry Milling Machine

Machining Area:

X-Axis: 2500mm

Y-Axis: 4000mm

Z-Axis: 1500mm



FZU22 - Zimmermann

CNC – 5-Axis Gantry Milling Machine

Machining Area:

X-Axis: 1800mm

Y-Axis: 3000mm

Z-Axis: 1250mm



ATOS Compact Scan

3D Scanner

CAD to part comparison

Our Materials

All known materials – both small and large dimensions

Plastics

Varios types of plastic for
moulds and prototypes

PU-/Epoxy block materials, POM-C,
PA6, PMMA, various plastics, EPS/EPP



Aluminium

Precision, durable moulds
for demanding production runs

Any alloys up to Aluminium 7075



Composite / Prepreg

High-performance composites
for Motor Sport & Aerospace

CFRP prepreg, GFRP,
glass-fiber-reinforced resin fabric (EP GC)
Nomex, Rohacell, other fillers



Wood

Traditional pattern and
Mould making



Location and Contact Person

Centrally located in Switzerland



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