THE BEST PLASTIC INJECTION MOULDING SOLUTIONS FOR THE MOST DEMANDING APPLICATIONS

WILD & KÜPFER



— **Family-run Swiss** high-tech company

— Technology market leader in **Switzerland and Europe** for plastic injection moulding

— Over 250 qualified employees, including **certified plastics experts**

— The whole world of precision plastic injection moulding **from a single source**

— High-end precision components and assemblies for **industrial and medtech companies**

— State-of-the-art location with end-to-end **digitalised production**

— **High innovative capacity** driven by continuous investment

— Comprehensive documentation ensures **full transparency**

THE WHOLE WORLD OF PRECISION PLASTIC INJECTION MOULDING FROM A SINGLE SOURCE





A PIONEER IN PRECISION PLASTIC INJECTION MOULDING

We have been developing, producing and assembling highly precise plastic parts and assemblies for our customers' technically demanding applications for over 45 years.

We continuously invest in state-of-the-art technology at our facility in Schmerikon, Switzerland. The combination of skilled, customer-focused employees and advanced technologies enables us to deliver innovative and cost-effective solutions.

CONSULTING & DEVELOPMENT

Exciting solutions for demanding customers

- Product design, product development
- Rheological calculations and simulations
- FEM analysis
- Reverse engineering
- Fast prototype analysis
  - 3D printing
- Product and process optimised mould design

MOULDSHOP

The highest-quality moulds for consistently precise parts

- Single- and multi-component high-tech moulds
- Multi-cavity moulds
- Advanced production technologies:
  - Laser ablation technology (micromachining)
  - Fully automated wire and die-sinking EDM
  - Micro milling
  - CNC turning
  - Surface and profile grinding machining
  - Laser cusing
- Measuring technology including documentation

PRODUCTION – INDUSTRY & MEDTECH

Efficient production around the clock with quality guaranteed by fully automated injection moulding machines and our qualified specialists

- Over 100 injection moulding machines with clamping forces between 180 kN and 4,000 kN
- The most recent production technologies:
  - Single-and multi-component technology
  - Insert technology
  - Sandwich technology
- End-to-end digitalised production for maximum transparency
- Over 2,700 m^2 of ISO class 7 and 8 clean rooms qualified according to DIN EN ISO 14644
- Continuous batch tracking

ASSEMBLY & FINISHING – INDUSTRY & MEDTECH

Finishing to customer specifications, flexible and individually adjustable

- Component assembly by hand or partially or fully automated
- ISO class 7 and 8 clean rooms qualified according to DIN EN ISO 14644
- Customer specific finishing:
  - Laser engraving
  - Pad printing
  - Hot stamping
  - Laser welding
  - Ultrasonic welding
- Continuous batch tracking

QUALITY MANAGEMENT

Maximum security and transparency

- Management system according to ISO 9001, ISO 13485 and ISO 14001
- Risk management based on ISO 14971
- Digitalised solution for quality management and quality assurance
- Integrated CAPA and change management
- Qualification of moulds, systems and equipment
- Validation of manufacturing processes
- Validated IT systems
- In house measurement and test methods
  - Computed tomography (CT)
  - Multisensor measurement and microscopy
  - Optical and tactile measuring machines
  - Gear metrology
  - Surface roughness measurement
  - Tensile and compression testing equipment
  - DSC-material analysis
  - Moisture content measurements
  - Color measurements (spectroscopy)

LOGISTICS & SERVICES

Reliable planning and on-time deliveries

- Automated in-house logistics (IGV – intelligent guided vehicle)
- First in - first out (FIFO)
- Just-in-time deliveries
- Company vehicle fleet



CONSISTENTLY HIGH QUALITY

At Wild & Küpfer we work closely and comprehensively with customers from a wide variety of sectors. Ideas are constantly being developed into precision components.
Efficiently manufactured and delivered on time.

We guarantee maximum reliability and quality of medium to large production lots for our customers from the industrial and medtech sectors.

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