

THE BEST PLASTIC  
INJECTION MOULDING  
SOLUTIONS FOR THE  
MOST COMPLEX  
APPLICATIONS

**WILD & KÜPFER**

- **Family-run Swiss**  
high-tech company
- Technology market leader in **Switzerland and Europe** for plastic injection moulding
- Over 200 trained employees, including **highly-qualified plastics experts**
- The whole world of precision plastic injection moulding **from a single source**
- High-end precision items and subassemblies for **industrial and medtech companies**
- Ultramodern location with end-to-end **digitalised production**
- **Great innovative capacity** thanks to continuous investments
- Comprehensive documentation ensures **maximum transparency**





## A PIONEER IN PRECISION PLASTIC INJECTION MOULDING

We have been developing, producing and assembling highly precise plastic parts and subassemblies for our customers' most complex applications for over 40 years.

We are constantly investing in cutting-edge technology and peak performance at our ultramodern location in Schmerikon, Switzerland. The combination of skilled, customer-oriented employees and the latest technologies means we always offer innovative, cost-effective solutions to our customers.



## 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.



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



## CONSULTING AND 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
- Ultramodern production technologies:
  - Fully-automated 3- and 5-axis HSC milling
  - Fully-automated wire and sinking EDM processes
  - Micro-milling
  - CNC turning
  - Surface and profile grinding
  - Laser cusing
- Measuring technology including documentation

## PRODUCTION – INDUSTRY AND MEDTECH

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

- Over 90 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 1,800 m<sup>2</sup> of ISO class 7 and 8 clean rooms qualified according to DIN EN ISO 14644
- Continuous batch tracking

## ASSEMBLY AND FINISHING – INDUSTRY AND 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
  - Computer tomography (including as a service)
  - Optical and tactile measuring machines
  - Measuring microscope
  - Tension and compression testing equipment
  - Gear metrology
  - DSC-Material analysis
  - Moisture content measurements
  - Color measurements (spectroscopy)
  - Surface roughness measurements

## LOGISTICS AND 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

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