

THE LEADING  
COMPANY IN  
PLASTIC  
INJECTION  
MOULDING FOR  
INDUSTRY AND  
MEDTECH

**WILD & KÜPFER**



MOULD THE  
FUTURE  
WITH US

- **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**



**Tobias Wild** (centre)  
CEO – Management

**Daniel Wild** (right)  
CTO – Management

**Ralph Küpfer** (left)  
Head of Industry Production –  
Extended Management Team

We have been developing, producing and assembling highly precise plastic parts and subassemblies for our customers' most complex applications for over 40 years. The start-up that began in a Swiss pigsty back in 1975 is now a leading European injection moulding company.

Like founders Tobias Wild Sr. and Peter Küpfer, we are also pioneers in injection moulding who aspire to be successful for our customers. By offering solutions and products that inspire. Over and over again. Consistent over time.

We achieve this through our combination of skilled, customer-oriented employees and the latest technologies. We are constantly investing in cutting-edge technology and peak performance at our ultramodern location in Schmerikon, Switzerland.

Let's work together to take up the next challenge you face. As a family company with a spirit of curiosity, we always strive to come up with the best solution.

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

From visions come ideas. From ideas come consistently precise products, efficiently manufactured and delivered on time. At Wild & Küpfer we work closely and comprehensively with customers from a wide variety of sectors.

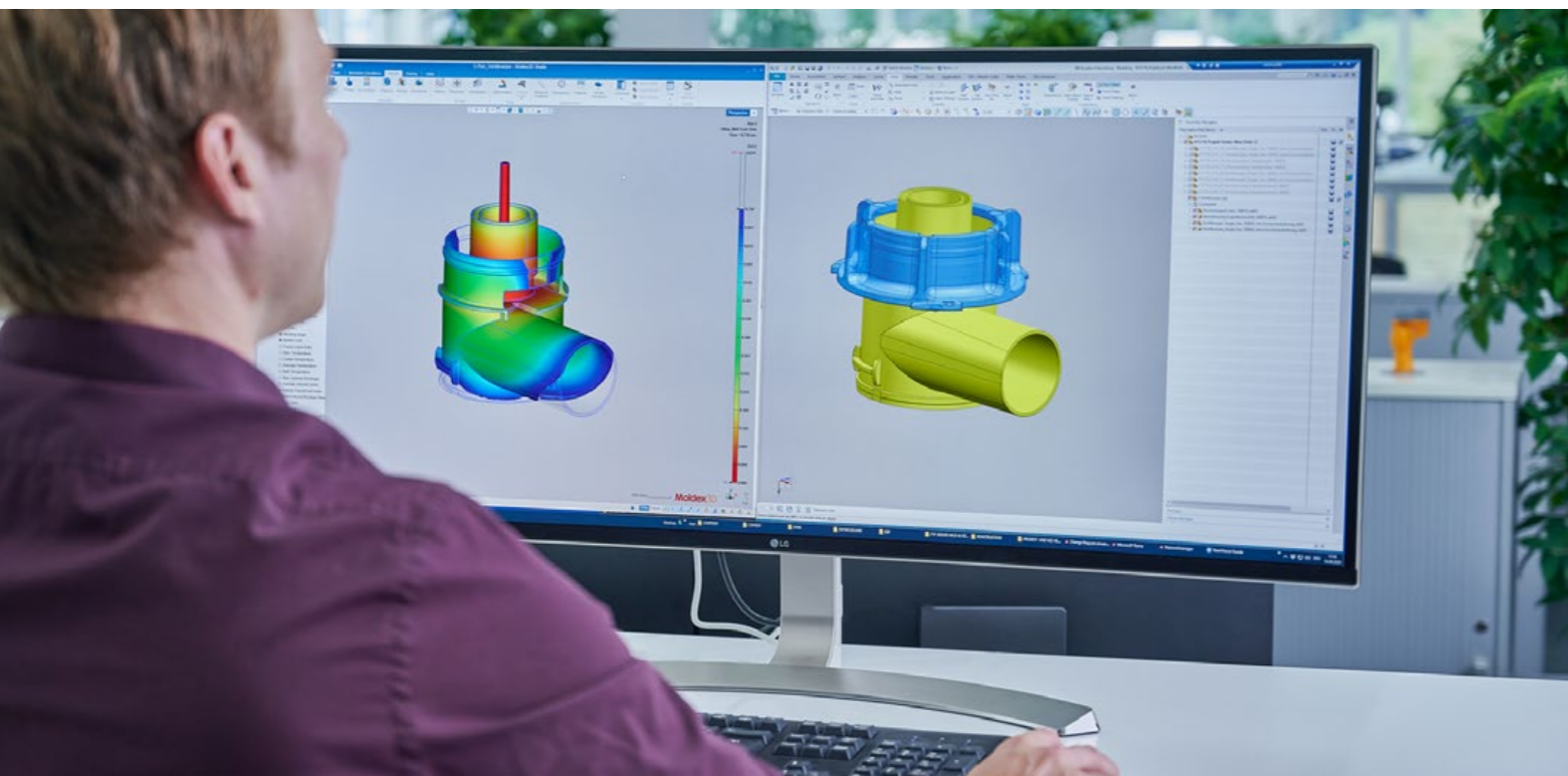
Following intensive development work and the manufacturing of highquality moulds, ultramodern injection moulding machines and robots take over production. They are monitored by specially trained experts and digitalised processes to ensure that all products are top-quality.

We are reliable and observe the most stringent quality standards when supplying our customers in the industry and medtech sectors. We guarantee innovative, first-class, cost-effective solutions.

Every product that leaves our company carries our philosophy to our customers, up to and including final consumers.



- 1 CONSULTING AND DEVELOPMENT**  
Exciting solutions for demanding customers
  - 2. MOULDSHOP**  
The highest-quality moulds for consistently precise parts
  - 3. PRODUCTION – INDUSTRY AND MEDTECH**  
Efficient, digitalised series production around the clock with quality guaranteed
  - 4. ASSEMBLY AND FINISHING – INDUSTRY AND MEDTECH**  
Customer-specific finishing: flexible and individually adjustable
  - 5. LOGISTICS AND SERVICES**  
Reliable planning and on-time deliveries
- QUALITY MANAGEMENT**  
over the entire process to ensure maximum safety and transparency.



## CONSULTING AND DEVELOPMENT

### Exciting solutions for demanding customers

The demand for cutting-edge technologies is constantly growing. Our continuous investment in technology and know-how means we always offer innovative, cost-effective solutions to our customers.

Our highly qualified technical specialists work with customers to transform their visions into product ideas. For us, no problem is too complex. Because challenges drive us forward. Together, we develop system solutions in plastic, design process-optimised injection moulds, verify cost-effectiveness, calculate variants for series production and define quality control objectives.

- Rheological calculations and simulations
- FEM analysis
- Reverse engineering
- Fast prototype availability



## MOULDSHOP

### The highest-quality moulds for consistently precise parts

Our customers reap the benefits of our internal mouldshop, which is set up to provide quality and performance. Our qualified and motivated specialists manufacture high-tech single-component and two-component moulds. As well as standard technologies, we also manufacture microstructures on precision milling machines and produce mould components layer by layer using laser technology.

Using ultramodern systems, our production is highly automated and standardised. The system-integrated measuring technology qualifies each individual component on the mould and guarantees end-to-end quality.

- High-tech moulds
- Fully-automated 3- and 5-axis HSC milling
- Laser curing
- Fully automated wire and sinking EDM processes



"The mould is responsible for eighty percent of the quality of a component. Because consistent quality over the entire life-cycle of a component brings us a decisive competitive advantage, we invest in development and take responsibility for the manufacture of the moulds for our machines in-house."

DANIEL WILD

## PRODUCTION – INDUSTRY



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

Leading companies from Europe and overseas produce high-tech products with Wild & Küpfer. Our complex injection-moulded components are used in buildings, drives and gears, safety and electrical sectors, as well as in tele-communications, technical equipment, household appliances and automotive sectors. We guarantee our customers maximum reliability in medium to large production lots.

- Fully-electric injection moulding machines with clamping forces between 180 kN and 4,000 kN
- Picking and packaging by fully integrated robots
- The most up-to-date production technologies:
  - Single- and multi-component technology
  - Insert technology
  - Sandwich technology
- Digitalised production for maximum transparency
- Continuous batch tracking
- Intelligent logistics robots for palette and blister transports (IGV)



"With our fully automated and end-to-end digitalised production, we guarantee safe, fast and cost-effective processes for our customers. For us, Industry 4.0 means continuous investment in ultramodern, intelligent machine and systems technologies, networked to perform innovative processes."

RALPH KÜPFER






## PRODUCTION – MEDTECH

We offer highly specialised system solutions to our customers in the areas of pharma, medical, dental and surgical technologies, biotech, microfluidics and diagnostics. All equipment is qualified and the production processes are validated according to the current standards. Our cleanroom production in ISO class 7 and 8 environment guarantees the required safety and hygiene.

- Production on qualified injection moulding machines with clamping forces between 250 kN and 2,000 kN, including 2-component technology
- 6-axis and 3-axis picking robots
- More than 1,800 m<sup>2</sup> of qualified cleanrooms
- Cleanroom production fulfils medical cleanliness requirements
- Comprehensive documentation and validated processes ensure maximum transparency
- End-to-end batch tracking





"In our newly-expanded cleanrooms we offer highly specialised system solutions to market leaders in the medtech sector. Production in ISO class 7 and 8 cleanrooms guarantees the required safety, and our comprehensive documentation ensures the necessary transparency."

TOBIAS WILD



#### ASSEMBLY AND FINISHING – INDUSTRY

Customer-specific finishing: flexible and individually adjustable

Our final finishing can be flexibly arranged around the needs of our customers. Our qualified employees and our robots offer everything from manual assembly to partially or fully automated assembly of components.

- Highly complex systems
- Cost-effective and reliable processes
- Customer-specific finishing of parts such as
  - Laser engraving
  - Laser welding
  - Ultrasonic welding
  - Pad printing
  - Hot stamping



#### ASSEMBLY AND FINISHING – MEDTECH

Customer-oriented and conforming to the strictest hygiene standards

Assembly is carried out under ISO class 7 and 8 cleanroom conditions according to DIN EN ISO 14644 to comply with the strict requirements of our customers from the medtech sector.

- Assembly under ISO class 7 and 8 cleanroom conditions
- Manual assembly
- Partially or fully automated assembly of components using highly complex systems
- Customer-specific finishing in the cleanroom
- Continuous batch tracking



## QUALITY MANAGEMENT AND DOCUMENTATION

### Maximum security and transparency

We believe in systematic, process-oriented and preventive quality assurance. That is why we invest continuously in technology and the specialist expertise of our employees. They also provide the necessary documentation in order to guarantee maximum transparency.

As a matter of course, we consider requalification and revalidation, as well as batch release, to be integral components of our quality management process. The W&K computer systems relevant to products and processes is also validated based on GAMP 5.

- 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 systems and equipment
- Validation of manufacturing processes (DQ, IQ, OQ, PQ)

## MEASURING TECHNOLOGY

### The basis for superlative precision

We assess the quality of new products and series productions using the most up-to-date testing and measurement methods. Our measuring technology is not just an aspect of quality control – it is the basis for superlative precision.

- In-house measurement and test methods:
  - Computer tomography CT (including as an external service)
  - Optical and tactile measuring machines
  - Measuring microscopy
  - Tension and compression testing equipment
  - Gear metrology
  - DSC material analysis
  - Moisture content measurements
  - Colour measurements (spectroscopy)
  - Surface roughness measurements



## LOGISTICS AND SERVICES

### Reliable planning and on-time deliveries

Our logistics are a vital component of the whole supply chain and also an integral part of the Wild & Küpfer insourcing strategy we provide for our customers. We guarantee a high storage capacity for finished products, raw materials and packaging to ensure maximum availability and flexible production planning. Upon request, we maintain compulsory stocks for our customers to cover demand peaks.

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

“Since 1996, we have trained over 90 poly-mechanics, plastics technologists and automation engineers. A apprenticeship with Wild & Küpfer is among the best training references in the plastics industry. But it’s not just training that counts – we also continuously invest in professional development. That’s how we are able to satisfy the demand for cutting-edge technology with cutting-edge performance.”

DANIEL WILD

FAMILY COMPANY WITH A FUTURE



"In 2019, we were able to entrust the management of the company we founded more than 40 years ago to our next generation. We are delighted that the story of this family company will continue to be written and shaped by a dynamic, innovative and future-oriented management team and by members of our family."

TOBIAS WILD SR.

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