

PRODUCTIVITY ADVANTAGE THROUGH YEARS OF EXPERTISE.

Modular or customized molds for LSR and HCR.

SINGLE OR MULTI-COMPONENT INJECTION MOLDS



MOLD MAKING IS TEAMWORK.

Mold making at ELMET is teamwork. Right from the start, we actively involve our customers in the development process and develop customized solutions.

The success of a project depends on close cooperation between our experienced team and our customers. That is why we maintain open and transparent communication. Right from the initial development phases, we work hand in hand to take all aspects into account. This results in innovative and efficient molds of the highest quality.

Our commitment does not end with the completion of the mold. We accompany our customers throughout the entire service life of the tool and are always on hand to provide advice. This long-term support is an essential part of our service.

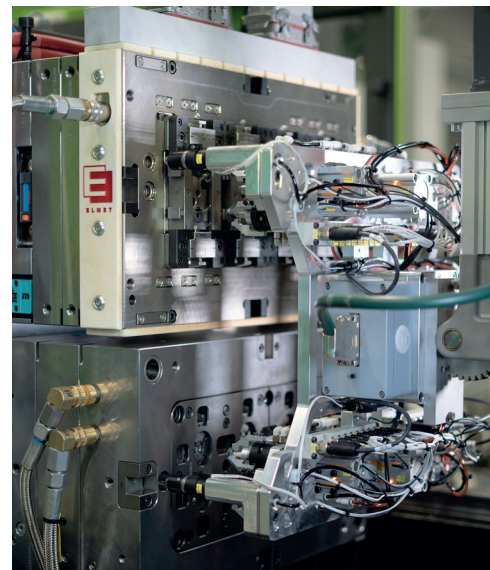
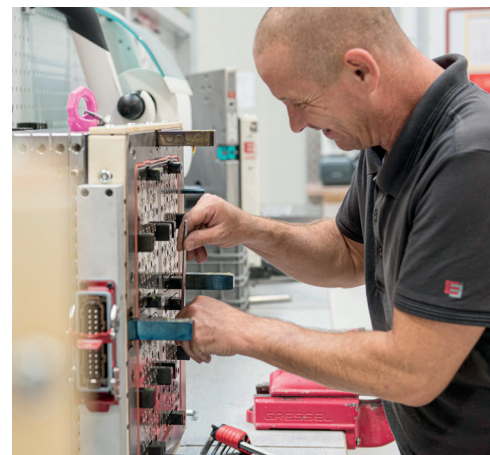
At ELMET, we rely on partnership and teamwork to develop the best solutions together with our customers and ensure sustainable cooperation.

OUR RANGE OF SERVICES IN MOLD MAKING

- ▶ LSR and HCR injection molds
- ▶ Multi-component molds
- ▶ Prototyping
- ▶ Production process development
- ▶ DFM - Design for Manufacturing
- ▶ Complete automation solutions
- ▶ Turnkey solutions
- ▶ Lifetime spare parts guarantee
- ▶ In-house & on-site training
- ▶ Worldwide service and maintenance

HIGH-QUALITY & EFFICIENT MOLDS

- ▶ Modular or customized molds for LSR, HCR and thermoplastics
- ▶ Single or multi-component injection moldings
- ▶ Up to 256 cavities
- ▶ Perfectly balanced process for the shortest cycle times
- ▶ In-house cold runner technology (pneumatic or electric)
- ▶ Highest precision
- ▶ Extremely long service life & process stability thanks to the use of high-grade tool steel
- ▶ Unbeatable total cost of ownership (TCO) balance sheet
- ▶ 24-hour test run of every mold
- ▶ Maximum energy efficiency thanks to intelligent tool design and compact construction



MORE THAN
30 YEARS OF
EXPERIENCE

ELMET 
SMART SILICONE SOLUTIONS

STEP BY STEP TO THE PERFECT MOLD.

At ELMET, we guide you step by step to the perfect mold and beyond to ensure that your requirements are met.

► **COMPONENT DESIGN** (DFM - Design for Manufacturing)

We work with you on component design, taking into account aspects such as cost, functionality, manufacturability, handling and aesthetics. We support you in the selection of materials and help with material analyses in our laboratory.

► **SIMULATION**

We use advanced simulation techniques to test the functionality and performance of your mold in order to achieve optimum results.

► **PROTOTYPING**

Using state-of-the-art prototyping techniques, we ensure that the design and functions of your product exactly meet your requirements in reality.

► **CONSTRUCTION**

Our experts implement your ideas and requirements using state-of-the-art CAD systems and many years of experience, which form the basis for your perfect injection mold.

► **MOLD PRODUCTION**

With the help of highly qualified specialists, we manufacture your mold with the highest precision using first-class materials and technologies. Elmet's patented cold runner technology rounds off the perfect mold and guarantees a long service life and process stability.

► **AUTOMATION**

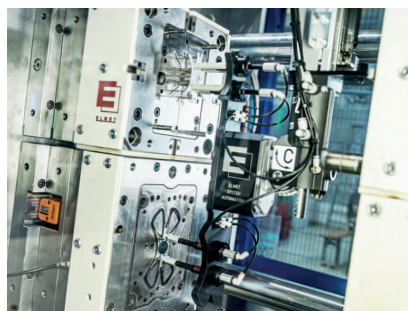
At ELMET, we not only offer you the mold, but also a customized automation solution. We fully adapt all automation steps and downstream processes to your individual requirements.

► **COMMISSIONING**

Before delivery, we carry out comprehensive tests and quality checks to ensure that your mold works perfectly and is ready for continuous use.

► **SERVICE & SUPPORT**

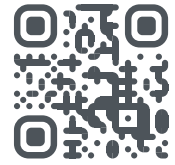
We will continue to provide you with our first-class support and expertise after your mold has been installed to ensure that it always works optimally and meets your requirements.



ELMET
MOLDING
TECHNOLOGY
LEARN MORE



DOSING TECHNOLOGY.
MOLDING TECHNOLOGY.
TURNKEY SOLUTIONS.
PRODUCTION SOLUTIONS.



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FOR MORE THAN 30 YEARS

we have been developing customized, innovative solutions for our customers. As a global high-end full system and service provider for the processing and dosing of liquid silicone (LSR), we at ELMET are among the leading specialists in this field.



SMART SILICONE SOLUTIONS

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