

YOUR IDEAS AND VISIONS.

MOLDED TO PERFECTION!



POLAR-FORM®
Werkzeugbau GmbH

www.polar-form.de

Mold design

Forms for injection molding processes

Rotary tables



SEEING YOUR IDEAS **TAKE SHAPE**

POLAR-FORM develops and manufactures forms for injection molding processes - for small to medium-sized plastic components - in line exactly with the data and diagrams you supply and according exactly to your ideas and wishes. We are your ideal partner - both for modular solutions and for complete systems.

Many customers have placed their trust in our competence, our ability to find the right solutions, and our highly qualified staff; our customer base includes not only suppliers to the automotive and medical engineering sectors but also companies in electronics, telecommunications, and domestic appliances.

Your individual specifications and quality requirements have - for over two decades - always been our driving force.

TRUST, PRECISION, QUALITY ASSURANCE - ENSURING YOUR SUCCESS

- **Meticulous care - right down to the last detail**
The development of your molds is characterized throughout by absolute precision - from initial simulation right through to in-process testing of the finished mold.
- **Consistent end-to-end monitoring**
In all phases of this project we run intensive and exhaustive quality checks - using the most appropriate measuring procedures - and a practical test of the finished mold.
- **Our word is our bond**
On-going schedule monitoring ensures that your molds are ready right on time, exactly when you need them.





OUR SERVICES

MOLD DESIGN

We manufacture your molds on the basis of the 3D data you provide. All molds are subjected to practical testing. We carry out these tests directly in the injection molding machine to ensure that all your requirements have been met.

- Multi-component molds
- Single-component molds
- In-mold labeling

ROTARY TABLES

We develop rotary tables systems, both in standard dimensions and customized to your own special requirements. Our rotary tables are available in various sizes; they are suitable for use in injection molding machines operating in the mold clamping range of 40 to 1000 tonnes.

ROTARY DRIVES FOR INDEXING PLATES

We develop and manufacture rotary actuators and drives, both in standard dimensions and customized to your own special wishes. There is no size limit.

OUR SUPPLIES AND SERVICES

As specialists of long standing in injection molding technology and rotary drives we have accumulated a wealth of expertise and experience; all this is at your disposal.

- Advice | Construction | Mold-flow simulations
- Assembly | After-sales service
- Injection molding: Samples and small-lot production runs
- Contract production for metal-working orders
Milling | Deep-hole drilling | Surface grinding | Sink and wire-cut EDM | cutting (electrical discharge machining)
- Reworking of third-party molds



THE PROFESSIONALS IN **MOLD DESIGN AND MANUFACTURE**

POLAR-FORM was founded in 1993 by Jo Pollaert in Lahr, in the Black Forest, Germany. We began back then with just 16 highly motivated staff; today over 60 qualified experts accompany our customers with all the help and advice they need.

THE FACTORS BEHIND OUR SUCCESS

- **Communicative**

In on-going intensive dialog with our customers we develop ideas and propose solutions, laying the foundations for collaboration based on trust and mutual benefit.

- **Innovative**

We place our trust above all in our highly committed staff - with all their experience and know-how and in our state-of-the-art machines. Our flat hierarchies help promote flexibility, communication, and creativity.

- **Demanding the best**

When you use our molds and rotary tables we shall not be satisfied with anything less than perfectly trouble-free, smooth-running production. All our work is aimed at the highest possible level of quality and precision.



CONTACT

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