

FACTS & FIGURES

Our performances at a glance

- Concept development
- Product development
- Project management
- Mold construction
- Mold making (trial- and serial molds)
- Sampling under serial production conditions
- Tryout under serial conditions
- Vibration welding, ultrasonic welding and hot gas welding
- Leak testing
- Measuring of components
- Part measuring and production of small series incl. assembling
- Contract manufacturing

Construction and developing systems – interfaces to our customers

- CATIA V4/V5
- IDEAS Master series
- Pro/E
- Unigraphics
- Moldflow
- Tebis
- Tecoplan Virtual Workshop
- Neutral data formats: VDA, IGES, STEP

Handling and machining – mold making

- **5-axis HSC-milling**
Work pieces up to 6,500 x 3,200 x 1,500 mm
- **Boring and turning mill**
Work pieces up to 50 t of weight
- **Deep hole drilling**
Max. distance in X/Y/Z 3,000 x 2,500 x 1,500 mm
- **Spark eroding**
Max. distance in X/Y/Z 3,300 x 2,200 x 2,000 mm
- **Lasercusing**
Max. size of work piece 300 x 350 x 300 mm
- **Mold optimization**
Our experienced mold maker can optimize molds by using the highest quality standards and the latest technical innovations
- **Vibration welding**
Size of mounting table: 620 x 1,540 mm (X/Y)
- **Ultrasonic welding**
Power: 400 Watt
- **Hot gas welding**
Combining two steps in one process:
Plastic injection and hot gas welding
- **Tryouts and production of small series – plastic technologies**
- **Plastic injection machines and machines with clamping forces** from 350 t up to 2,700 t
- **Assembly**
of attached parts and whole modules/units
- **Measuring**
Quality management according to ISO 9001
2 measuring machines (Wenzel and Stiefelmaier)