



# wilhelm plastic

**Company presentation - 2023-**



# wilhelm-plastic GmbH & Co.KG

- located in the green heart of Germany
- > south of the Thuringian Forest
- founded in 1958 by the toolmaker Oskar Wilhelm
- Family business in the 3rd generation for more than 60 years



- Core competence in the production of design parts and their tool development





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## Machines

We work with 22 ARBURG machines from 25t to 300t

Mounting width: 156-720 mm

Shot: appr. 0,5g until 500g



## Material

We use different kinds of high technical material

PC, PC-HT (APEC), PES, PPS,  
PET, PMMA, PBT, PA, TPU, polymer  
ceramic



## Surface finishing

We can offer the following rework:

Assembly of components	int.
ALU coating with mirror finish	int.
Hot stamping/foil printing	ext.
Tampon print	ext.
Lacquering/Painting	ext.



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## Core competence

### 1. Injection molding of Design arts

- Highly polished surfaces
- Acid Surface Treatment
- Reflex Reflector Optics



### 2. Metal depositing

- Aluminium coating
- Lacquering
- Printing
- Laser Printing



### 3. Overmoulding of technical parts

- Plastic over Plastic
- Plastic on Metal
- Plastic on Glass



05. 09.2023





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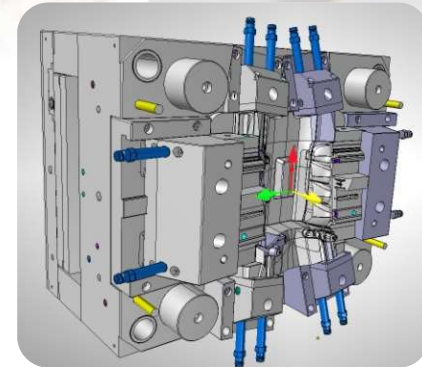
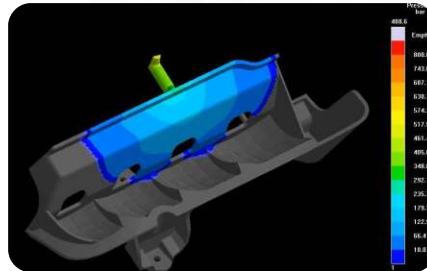
## 4. Assembly and Evaluation

- Automaticly and manualy
- Under ESD conditions



## 5. Tool Manufacturing

- Construction advice
- Mould-flow analyses
- Proto-type tools
- Serial production tools



## 6. Research and Development

- Development of project speciality
- Project development assistants
- Serial introduction
- Reference to temperature consistency
- Reference to tool deposition

