

The company Aage GmbH, Aalen's Society for Light Components GmbH, has been founded in the year 2004.

Since May 1st 2012, the Development Foundry is situated in Western Industry Area (German: Industriegebiet West) in D-73431 Aalen, Roentgenstrasse 24.

Since January 1st 2020, also a training room is at your disposal in the new rooms.

Tasks of the Development Foundry

Running Developments:

- Development and production of aluminium and magnesium pressure die castings in small, medium, and big series
- Production of dimensionally accurate pressure die castings
- Little weight tolerances at serial parts
- Avoiding of flashing
- Development of water soluble cores for pressure die castings
- Advancement of the pressure die casting machines for production of large-area structure parts
- Process development of pressure die casting to minimise the circulation ratio
- Saving energy when holding the melts
- Plunger / plunger rod to produce flash reduced pressure die castings
- Purification and metallurgical treatment of aluminium melts

Machine Outfit

- 3 horizontal cold chamber pressure die casting machines with a locking pressure of:
 - 200 to
 - 500 to
 - 850 towith melting and holding furnaces and 2 stamp trimming presses

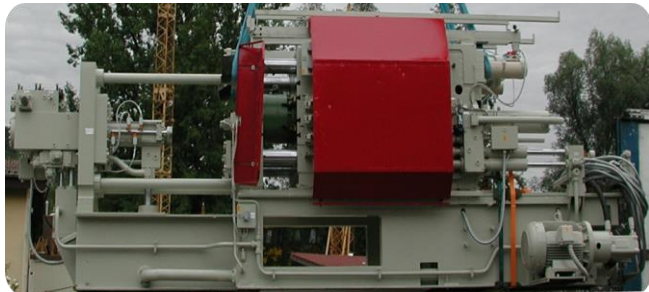
Foundry Hall

- Roentgenstrasse 24, D-73431 Aalen, Germany

Researches and Developments Prof. Dr. Dr. h.c. Friedrich Klein

- 40 Research projects
- 45 years development for industry
 - Component construction
 - Mould construction
 - Component checking
 - first 3 D computer tomography
 - In-situ measuring of the stability of a melt before casting
- Installation of the foundry laboratories of Aalen's University for Applied Sciences (idea + participation at development)

Current Developments



Your Contact Persons

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Development Foundry of Aage GmbH