



# LOW-PRESSURE DIE CASTING PLANT

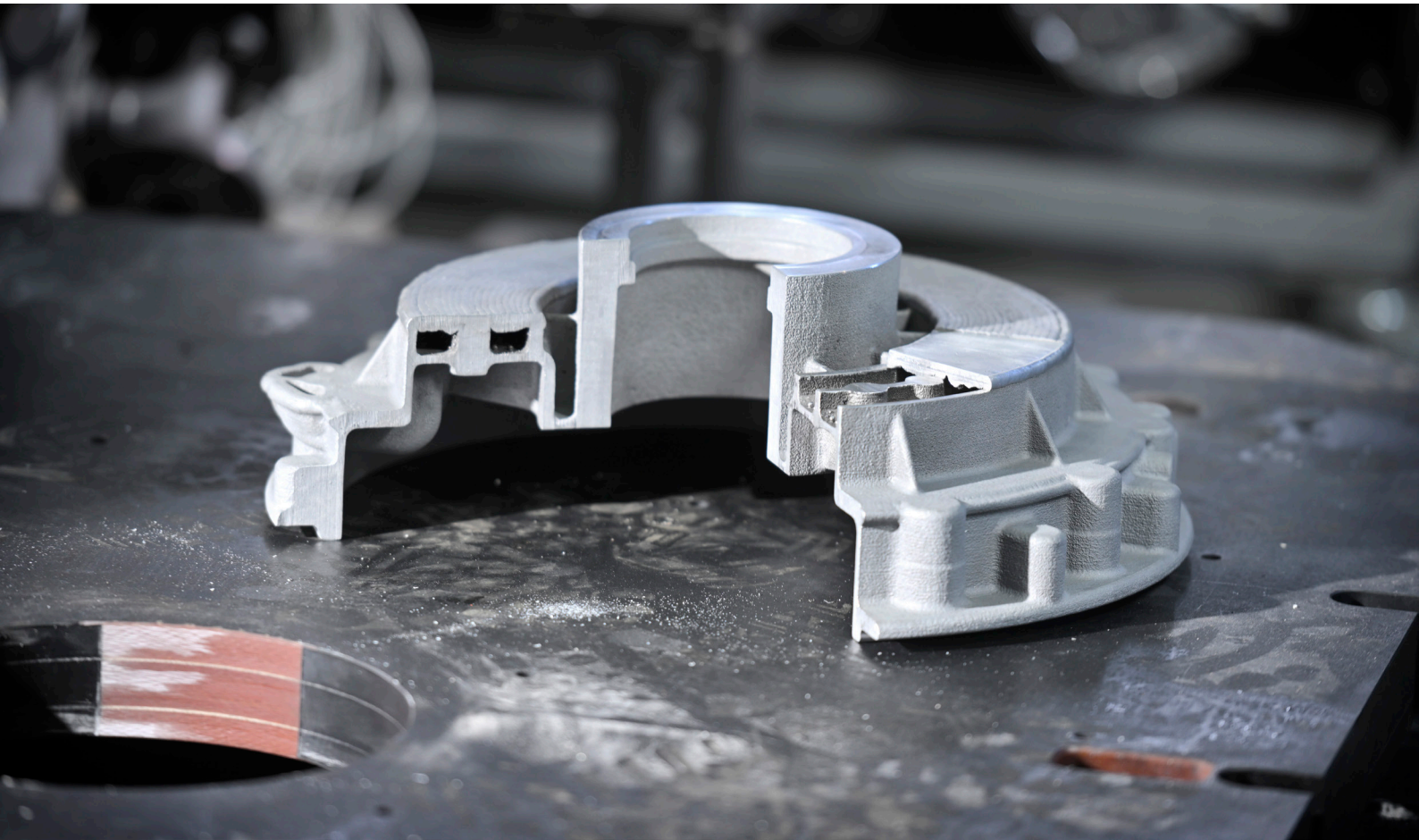
KURTZ AK92

fully automated, semi-industrial experimental facility to develop complex components of Al and Mg alloys

## OUR SERVICES

- Process related and application-oriented light metal alloy development
- Mechanical property and thermodynamic property characterisation
- Metallographic examination and evaluation
- Component development/component simulation/component design
- Process development and process simulation
- Die development and tool testing
- Component sampling/Prototyping/pilot series
- Providing plant capacity (rental option)
- Holistic solutions from idea to series suitable component





## TECHNICAL DATA

- **manufacturer:** Kurtz GmbH
- **casting unit:**  
clamping force: 5 tonnes  
die plate: 1050 x 850 mm  
core trains: 4 pieces  
plate distance: max. 1000 mm
- **crucible furnace:**  
200 kg aluminium  
120 kg magnesium
- **cooling:**  
air, 4 cycles
- **control unit:**  
Siemens
- **peripherie:**  
extraction plate  
Robamat heating/cooling units

As a subsidiary of AIT LKR Leichtmetallkompetenzzentrum Ranshofen GmbH is pursuing a holistic research and development approach to lightweight construction in the vehicle sector - from new metal alloys and process technology to material-related structural design.

This makes LKR a powerful and independent partner for your development projects.



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