



# HORIZONTAL CONTINUOUS CASTING PLANT

Semi industrial direct chill casting machine for horizontal continuous casting of aluminium alloys with real time control unit

## OUR SERVICES

- Production of customized formats and alloys, also special alloys
- Alloys for welding wire production
- Process technology for high-quality, near net shape semi-products for direct processing of the semi-finished products (e.g. forging)
- Infrastructure for extended casting tests including peripheral equipment

## TECHNICAL DATA

- **manufacturer:** HPI - High Performance Industries
- **furnace capacity:**  
100 kg to 1.600 kg aluminum  
Casting in single or multiple strands
- **formats round ingots:**  
Ø 50 – 60 – 70 – 95 – 100 - 134 mm
- **casting speed:** 0 mm/s to 20 mm/s
- **flying saw:** maximum strand length: ~ 12 m
- **cooling:**  
two cooling systems  
max. power: 13 m<sup>3</sup>/min



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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