

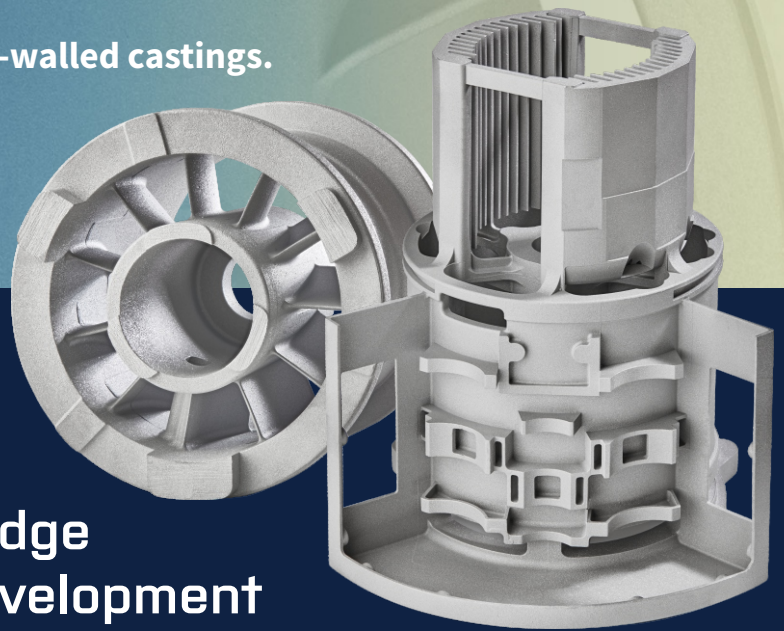
Production of aluminium castings by lost wax process

We produce castings that meet the high demands of the aerospace and defence industry, optical, medical technology and many other industries.

We specialize in shape complex thin-walled castings.

**MESIT machinery,
spin-off enterprise foundry**

**Experience and cutting-edge
technology backed by development**



Quality proven by the most demanding industries

- We benefit from seventy years of experience in the production of castings for the aerospace and defence industry.
- We supply castings to the world's largest aircraft manufacturers in more than 17 countries.

New technology for higher production efficiency and cost reduction

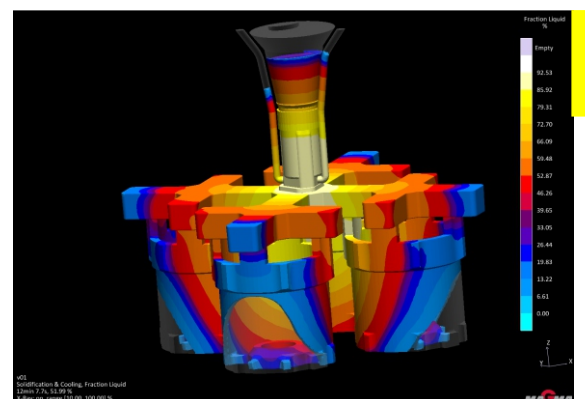
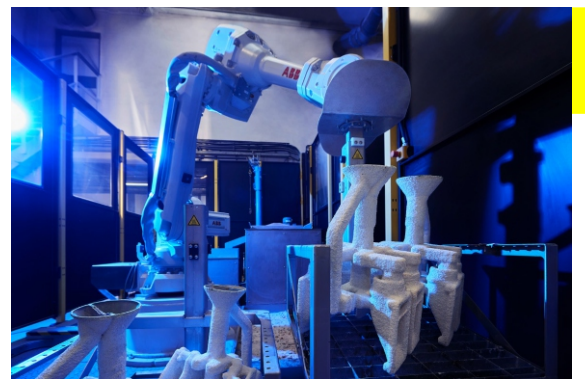
- We have developed a unique controlled solidification technology for reduced porosity and higher quality castings.
- We use MAGMASOFT simulation software for efficient casting production and defect prediction.

Test facilities for the highest quality castings

- We check mechanical, metallurgical and metallographic properties in our own testing facilities.

Quality management

- The quality system is certified according to AS 9100.



Production of precision aluminium castings

Production of wax models and ceramic shell moulds

- We produce wax models on modern injection moulding machines using hard filled waxes.
- For the production of shell moulds we use a modern fully automated robotic line.



Final operations with maximum precision

- We offer heat treatment according to customer requirements to obtain the required mechanical properties.
- High-precision calibration using sophisticated fixtures ensures that the desired dimensions are achieved.



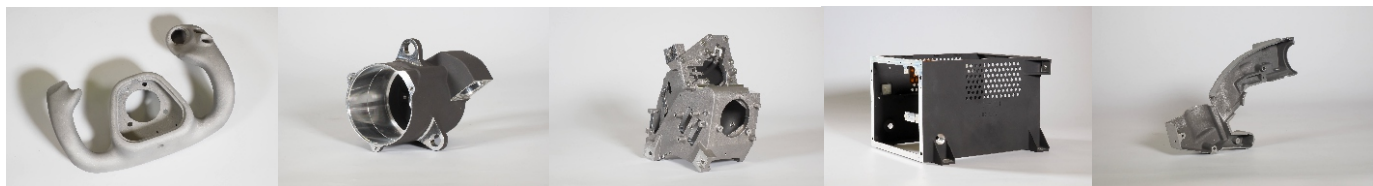
Production of rough castings

- The casting process is in the hands of the most experienced workers.
- By removing the shell mould with pressurised water we ensure a high quality surface of the casting.
- Finishing operations are carried out on new, modern equipment.



Consulting, optimization and inspection

- We have a team of experienced professionals for your most demanding assignments.
- We offer a modern process approach according to the quality management system.
- Of course, each process involves conducting a risk analysis and applying the principles of the PDCA cycle.
- By optimizing the production process, we ensure stability and repeatability in the production of quality castings.



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This is not an offer for a contract.