

Brief summary

Company

The ARRI Giesstechnik in Stephanskirchen near Rosenheim was founded in 1965. As a subsidiary of Arnold & Richter Cinetechnik, it can today look back on forty years of experience with high precision aluminium cast parts. Professional film cameras and lighting equipment from the ARRI company are known throughout the world for their high precision, robust quality and top technological performance. We are a dependable partner and our company philosophy commits us in responding fully to your requirements in producing your products with high flexibility, high quality and meeting your deadlines.

Range of customers

We produce aluminium castings for the machine construction, commercial vehicle, electrical and automotive industries as well as for precision light engineering.

Manufacturing methods

Sand-casting Piece weights up to approx. 30 kg
Chilled casting Piece weights up to approx. 10 kg

Product range

Manufacture of aluminium castings as raw or machined items or as assemblies.
Modern manufacturing techniques on latest facilities (e.g. HWS fully automatic moulding system).
We handle quality after DIN EN ISO 9001:2000.

Materials

All current aluminium materials according to standards. The alloys Unifond 90 and Al Mg5Si are used with great success. They save the time-consuming artificial ageing process or additional corrosion protection due to seawater-resistant constituents in the alloy.

Pattern making

The patterns are produced by own pattern making facility, this ensures the highest quality standard with short throughput times.

Cleaning

Modern grinding and blasting stations available as well as a vibratory grinding machine.

Optional services

- Electroplated surfaces, e.g. anodising.
- Spraying/powder coating.
- Mechanical machining.
- Heat treatment.

Quality

The following types of inspection can be made:

- Tensile strength
- Brinell hardness measurement
- Measurement of elongation
- Yield strength
- Density test up to 5 bar pressure

Each part is subjected to a visual inspection before shipment.

Delivery

Delivery with existing models can be handled in 2-3 weeks.

For production of models (sand) in 4-5 weeks or (chill casting) in 6-8 weeks, prototype 1 week in each case, start of production about 1 week after release or delivery date on agreement.

Contact

Have a word with us about your project.

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