

# TOOLING MANUFACTURE

## Engineering Expertise

Sonovision's manufacturing solution offers a comprehensive range of capabilities, encompassing the latest techniques and technology. Our offer has best cost and best lead time optimisation, all performed under the stringent governance of our EN9100 Quality Management System.

### Serial Manufacturing

- Serial manufacturing
- Best cost suppliers
- Best lead time suppliers
- Stock optimization
- Technical query resolution
- Obsolescence

### Quality & Testing

- Prototype manufacturing
- Physical tests
- Acceptance / fit test
- CE Certifications
- Functional tests

### Areas of Expertise

- Build to print solutions
- Conventional machining (turning, milling, boring, ...)
- CNC machining
- Pressure equipment
- 3D Printing
- Protections
- Transport boxes



Sonovision's engineering team work alongside some of the globe's largest OEMs to manufacture and maintain their tooling stock.

## Additive Manufacturing

Sonovision have experience in Additive Manufacturing. This process is considered an industrial production technology due to its precision, repeatability and material range. It uses 3D printing to join materials together which;

- Increases productivity
- Improves efficiency
- Reduces costs

Sonovision manage the complete process for you. From design and calculations (utilising new innovations such as lattice structures) through to manufacturing and even comprehensive testing of the 3D printed part.

## Technologies and Materials

Sonovision have the capabilities and expertise to offer a wide range of Technologies in Additive Manufacturing. We will work with you to select the right approach for your needs. Technologies and corresponding materials include:

- Fused Deposition Modeling (FDM) or Fused Filament Fabrication (FFF)
  - TPU, PLA, CFRP, HIPS, PVA, ABS, Nylon
- Selective Laser Sintering (SLS)
  - Alumide, PA12 (Nylon), PEBA, C-MIDE, GF-MIDE
- Stereo Lithography (SLA)
  - Resin
- Binder Jetting (BJ)
  - 420SS + Bronze, AISI 316
- Direct Metal Laser Sintering (DMLS)
  - AISI 316L, TiAl64V (Ti6AL4V), Inconel 718, Maraging Steel

## Related Topics



Design  
Engineering



VR/AR/MR  
Capability



In-Service  
Support



After Sales  
Support

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