

SUHNER[®] **COMPONENTS**

SLM - Selective Laser Melting
SUHNER 3D Metal Printing Solutions

SLM - SELECTIVE LASER MELTING

The Challenge

Flexibility

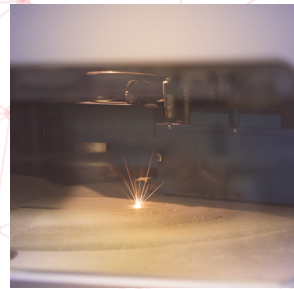
In today's market, the demand for components trend towards small quantities and require a fast turnaround time. This is challenging for replacement parts that are no longer available, prototypes, and newly developed parts due to the increasing demand for customized series products.

The Solution



3D printing with SLM (selective laser melting)

Our SLM 3D metal printing procedure is the optimal solution to make sure that metal components are available with minimal lead time. Over the last few years, this technology has greatly developed. Today various applications and industries benefit from the possibility of having components manufactured this way from numerous metal alloys.



Time to Market

Our SLM machines are able to produce various metal components, rapidly and easily. There are a multitude of options and techniques that aid in the overall design and development.

Product optimization

Products that are manufactured with a conventional method, such as casting or forging are not simply copied via additive manufacturing, but can also be technically improved during the engineering phase: customers, for instance, often wish to reduce weight or complexity, to optimize the general design or to improve the thermal properties of metal components.



Fields of application

With our SLM 3D printing technology, you can work more efficiently and reduce the costs of product development (prototyping, customization, product optimization). In addition, this technology can also be used for processing orders, to establish backward integration, to make manufacturing tools and jigs, or for a more flexible organization of supply chains.



Your advantages with SUHNER 3D technology

- All-in-one solution, from the design stage to the finished product
- Save on time and costs throughout the entire process
- Full freedom of design, even for complex components
- Reduce the complexity and weight of assemblies

Are you interested in a non-binding consultation?

Make an appointment with our engineering team to get further insights into the possibilities of the SUHNER 3D Metal Printing Solutions.

SUHNER[®]

ADVANCED COMPONENT CREATION












ABRASIVE



MACHINING



COMPONENTS

					
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