

## AM Consulting along the entire supply chain

Whether it's about getting started with the technology, identifying and developing suitable parts or optimizing your production - at TRUMPF Additive Manufacturing, you can always count on competent support along the entire AM process chain. Our comprehensive portfolio of training and consulting services, enables you to quickly learn and apply new methods and thus enter the additive manufacturing of your part optimally prepared.

Become more economical, more efficient and of higher quality- we support you!



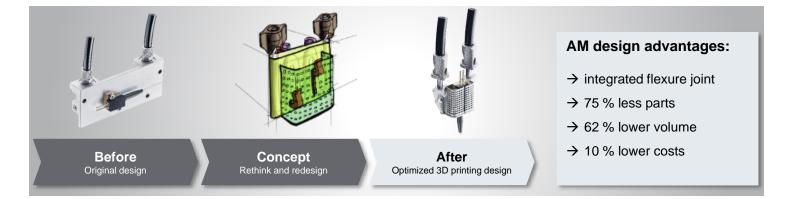


#### Identify your potentials 01

Learn about the Laser Metal Fusion (LMF) technology - also known as Powder Bed Fusion (PBF) - and implement additive manufacturing knowledge in your company.

Identify initial applications to understand the potentials of AM parts and create a business case for cost-effective production.

AM compatible design is mandatory to fully realize the potentials of the technology. Therefore, it is important to know design methods for AM parts and thus to generate AM-compatible solutions. In addition, we provide support for material and powder selection and preparation of build job data. This includes generating the right support structures and, if necessary, the optimization of parameter settings.



## The right support for each of your development phases

#### Individual Consulting

Safe time and money with expert support

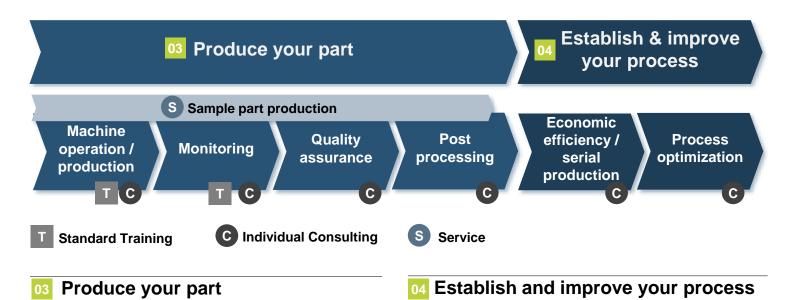
We support you individually in your entry into additive manufacturing. The focus is always on your company and your application. The goal is to provide you with know-how and implement your parts as quickly and efficiently as possible. We manufacture your individual AM part for you to better assess the quality and advantages of the LMF process for your application.

The duration and scope of the project will depend on your requirements and will be agreed with you individually. Regardless of whether you want to set up your own production or outsource your production to a service provider - our experts are there for you.

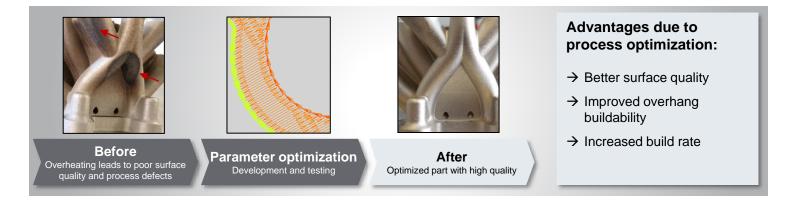
#### Sample Part Production

Get first impressions of your AM part





We support you in the production of your first sample part in our AM application laboratory, the prototype production up to production on your own machine. Learn about the application and the benefit of the monitoring systems and find out which quality assurance steps are possible to ensure the material properties in additive manufacturing. It is also important to know the correct further post-processing of your part, starting with the appropriate heat treatment, removal of the support structure, up to surface treatment. Optimize your manufacturing process, together with us. Benefit from the continuous development of machine functions, software, materials and parameters. Learn about the main factors influencing part costs and increase the profitability of your AM production. This is how you successfully produce AM parts in series.

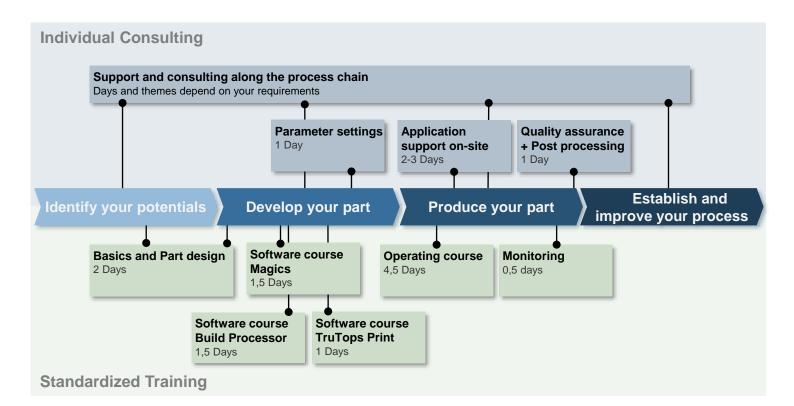


#### **Standardized Training**

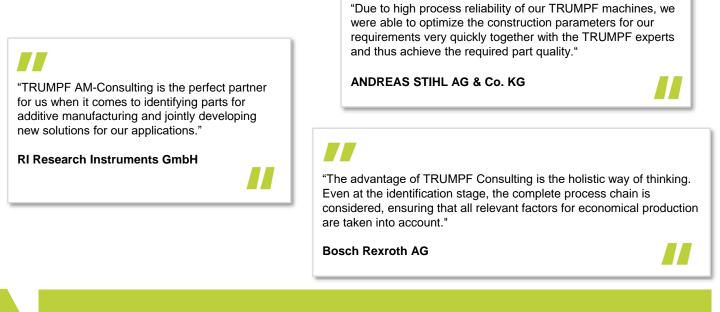
Deepen your knowledge with our training offers

Our training offers help you to further educate yourself in certain areas. The training courses provide you with the necessary knowledge about LMF technology and is then consolidated by practical applications. We offer training on various topics along the process chain such as part design, data preparation, system operation, monitoring and quality assurance. The training courses take place in our training center in Ditzingen or, if required, online or on-site.





### **Satisfied Customers**



#### Contact us: Consulting.AM@TRUMPF.com

For more information, please visit our website: www.trumpf.com/s/am-consulting

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