

Contact Us

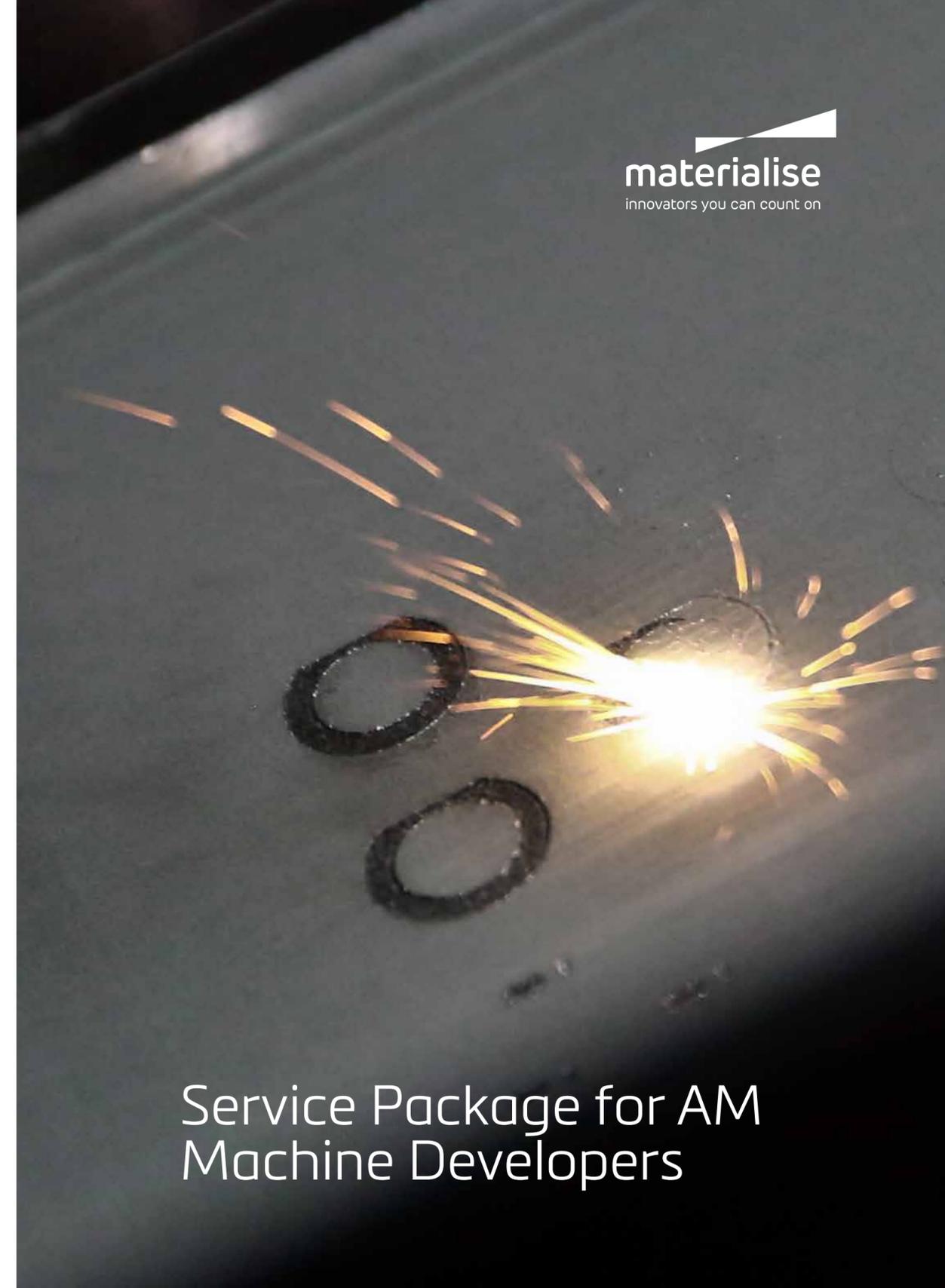
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About Materialise

Materialise incorporates more than 25 years of 3D printing experience into a range of software solutions and 3D printing services, which together form the backbone of the 3D printing industry. Materialise's open and flexible solutions enable players in a wide variety of industries, including healthcare, automotive, aerospace, art and design, and consumer goods, to build innovative 3D printing applications that aim to make the world a better and healthier place. Headquartered in Belgium, with branches worldwide, Materialise combines the largest group of software developers in the industry with one of the largest 3D printing facilities in the world.

Materialise Software provides companies with a platform of tools that manage and control the 3D printing process more efficiently, allowing them to meet the highest standards of the most demanding industries. The software solutions in the Materialise Magics 3D Print Suite are open by nature, empowering co-creation and collaboration between different players in the 3D printing and manufacturing eco-system. The Powered-by-Materialise program allows partners of Materialise to tap into these solutions, providing the industry a solid foundation to expand and grow.



Service Package for AM
Machine Developers

Service Package for AM Machine Developers

1. Machine Design

- **Metal Additive Manufacturing Academy (2 days):**
Obtain insights into the different aspects and challenges of Metal AM technologies.
- **Consultancy about Machine Design Principles (2 days):**
Obtain key insights into the different modules of a high-end AM machine, based on our experience of running 140+ machines of different 3D printing technologies daily.

2. Machine Building

- **Machine Control Platform - Basic Training (4 days):**
Get introduced to the Materialise Control Platform ecosystem and experience how you can take full control of your laser-based AM machine.
- **Machine Set-Up & Calibration Consultancy (4 days):**
Be ensured that your machine is properly set up, calibrated and that a successful dry-run is accomplished.
- **Scripting Services (1 day):**
Learn how to utilize the Materialise AM Lua Libraries and how to customize them to the needs of your machine.

3. Machine Validation

- **Build Process Training:**
Through this course, tailored to your specific machine design, you obtain a working set of parameters and all the necessary information to continue finetuning it, giving you a head start to successfully print parts on your machine.

4. Going to Market

- **Rebranding Service**
- **Partnership Program**
- **Build Preparation Software Training & Support**

Materialise has a worldwide net of skilled application engineers and customer support engineers. Through the rebranding of Materialise's market-proven and state-of-the-art software portfolio, you can deliver a complete end-to-end solution to your customer in a minimal timeframe.

Get a head start on developing a new AM machine by leveraging our extensive 3D printing expertise

A 3D printer is more than just a laser, a motor and a standard controller. With 3D Printing, materials undergo a transformation whereby the microstructure or mechanical properties of the materials can change. **Extensive process know-how and control is essential** for launching a new 3D printer into the market.

To ensure a fast, successful development for your 3D printer, you can **merge your experience and knowledge about machine building with Materialise's knowledge about 3D printing technologies and applications**, as well as our AM software and control hardware expertise and our hands-on expertise of managing over 140 AM machines. Make us your sparring partner.

This package encompasses training, consultancy and services **adopted to the different phases of machine development**; from the early design phase, the building of the machine and the validation, all the way up to the go-to-market.

“The trainer of Materialise’s Metal AM Academy is very experienced and the course was well-structured. The AM design and stress reduction techniques taught in the course are highly useful and are being applied in my work involving the fabrication of metal AM parts”

Mr. Choong Yue Hao, Development Engineer,
Advanced Remanufacturing and Technology Centre (ARTC).