The right solution for every metal AM application

Our additive technologies for your application:
Laser Metal Fusion & Laser Metal Deposition
The right solution for every metal AM application

**Laser Metal Deposition**

- The all-rounder among additive systems
  - Laser Metal Deposition – from coating to repair to additive manufacturing
  - The right beam source and powder feeder for every application
  - High-speed laser metal deposition for rotationally symmetric components

**TruPrint 1000**

- The most productive machine in its class
  - Option multilaser: up to 80% more parts at the same time
  - Easy and intuitive handling
  - **NEW**: Multiplate option to compensate for order peaks
TruPrint 2000

Economical 3D printing in premium quality
- Premium part quality with 55 µm beam diameter
- Highly productive due to fullfield multilaser option
- Low part costs due to perfectly harmonized machine concept
- Highest quality standards through monitoring
- Inert, closed powder cycle

TruPrint 3000

Flexible and scalable system for professional 3D printing
- Quickly exchangeable build and supply cylinders
- Large build volume: Ø 300 x 400 mm
- Inert, external powder management

TruPrint 5000

Highly productive and automated 3D printing system
- Fullfield multilaser 3 x 500 W
- Preheating up to 500°C (optional)
- Automatic process start
- External part and powder management compatible for TruPrint 3000 & 5000
- Intuitive HMI Touchpoint Print

TruServices
- <30 min response time for urgent service requests
- 85% service cases solved without on-site assignment
- 24/7 spare parts order
- TRUMPF Bank for flexible financing solutions
Overview of Additive Manufacturing systems for metal powders

**Industrial production solutions for your metal application**

From prototyping to industrial series production. As a pioneer in additive technologies and laser specialist since 1979, we offer the right technology for every application requirement: Laser Metal Fusion or Laser Metal Deposition. Benefit from complete industrial solutions with intelligent monitoring and smart services from a leading high-tech mechanical engineering company worldwide. Are you looking for an application that you would like to produce additive? Talk to our Consulting for AM novices.

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**TruPrint 1000**

- **Build volume (cylinder):** Ø 100 x H 100 mm
- **Maximum laser power at the workpiece (TRUMPF fiber laser):** 1 x 200 W
- **Multilaser option:** 2 x 200 W
- **Beam diameter:** 30/55 μm
- **Unpacking:** Internal

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**TruPrint 2000**

- **Build volume (cylinder):** Ø 200 x H 200 mm
- **Maximum laser power at the workpiece (TRUMPF fiber laser):** 1 x 300 W
- **Fullfield multilaser option:** 2 x 300 W
- **Beam diameter:** 55 μm
- **Unpacking:** Internal under shielding gas
- **Peripheral:** Powder management

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**TruPrint 3000**

- **Build volume (cylinder):** Ø 300 x H 400 mm
- **Maximum laser power at the workpiece (TRUMPF fiber laser):** 1 x 500 W
- **Beam diameter:** 100–500 μm
- **Unpacking:** External with interchangeable cylinder in unpacking station
- **Peripheral:** Industrial part and powder management

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**TruPrint 5000**

- **Build volume (cylinder):** Ø 300 x H 400 mm
- **Maximum laser power at the workpiece (TRUMPF fiber laser):** 3 x 500 W fullfield multilaser
- **Beam diameter:** 100–500 μm
- **Unpacking:** External with interchangeable cylinder in unpacking station
- **Peripheral:** Industrial part and powder management

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**Laser Metal Deposition**

- From coating to repair through to additive manufacturing
- **DepositionLine technology package for LMD:** Configurable solution from beam source, powder feeder, optics, and nozzle
- **Compatible systems:**
  - TruLaser Cell 3000,
  - TruLaser Cell 7040,
  - TruLaser Robot 5020,
  - Individual integration into your OEM solution

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Visit our AM showroom in Ditzingen, Germany! Further information can be found at: [www.trumpf.info/am-showroom](http://www.trumpf.info/am-showroom)

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