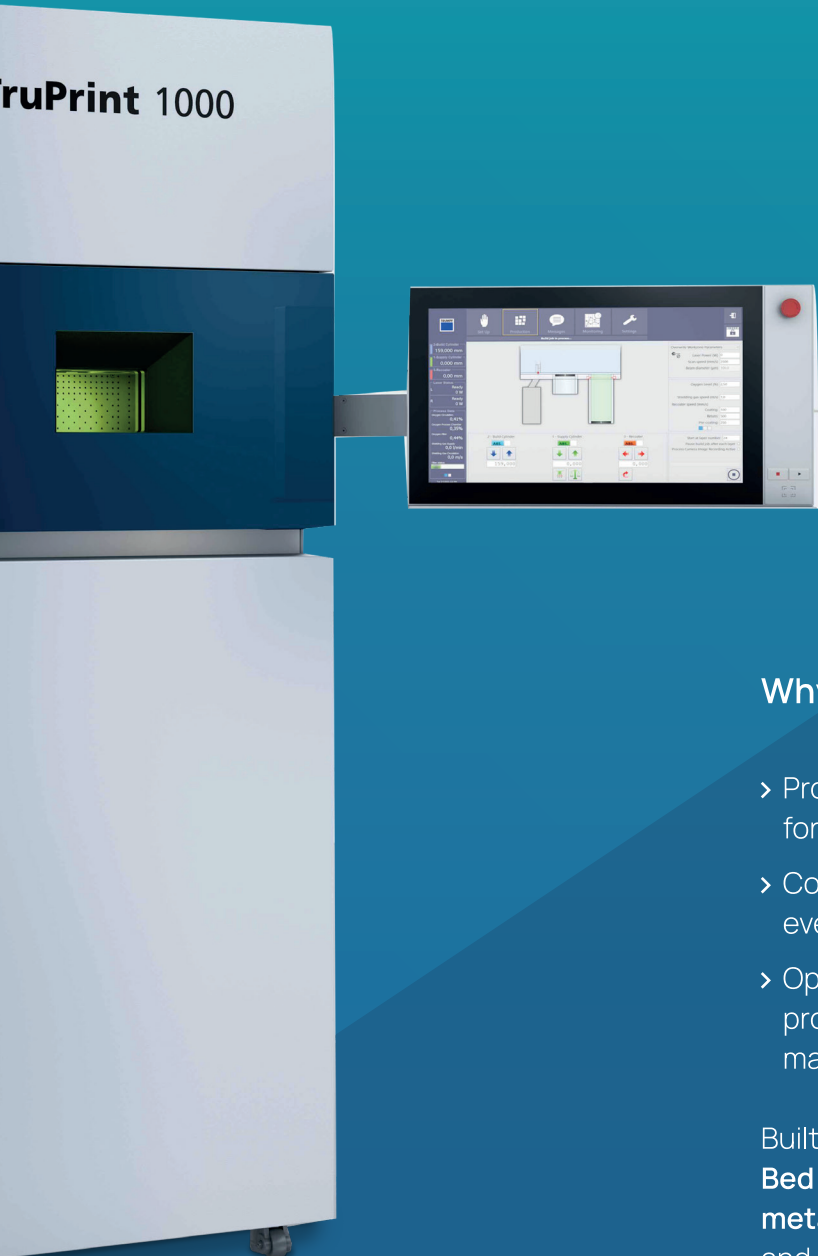




Where metal Additive Manufacturing becomes industrial reality.



Why leading manufacturers choose us:

- > Proven, **production-ready platforms** designed for reliability and repeatability.
- > Consistent **high-volume performance**, even in demanding industrial environments.
- > Optimized **build economics** through faster processes, lower cost per part, and efficient material usage.

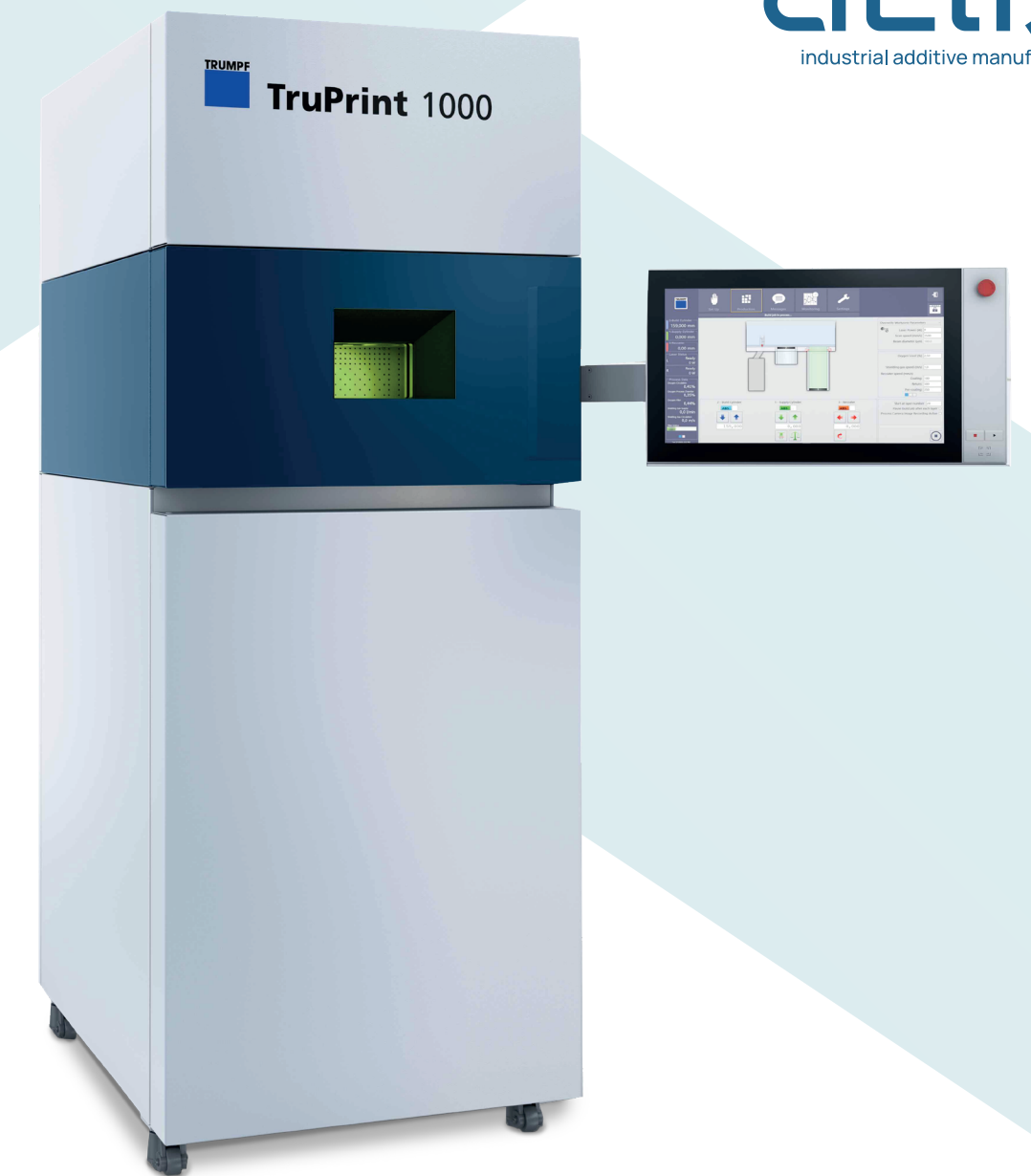
Built on decades of expertise in **Laser Powder Bed Fusion (LPBF)** technology, ATLIX delivers **metal Additive Manufacturing machines** and a **fully integrated ecosystem**, enabling manufacturers to achieve scalable production across multiple industries.



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Compact design,  
unmatched precision and quality

# TruPrint 1000



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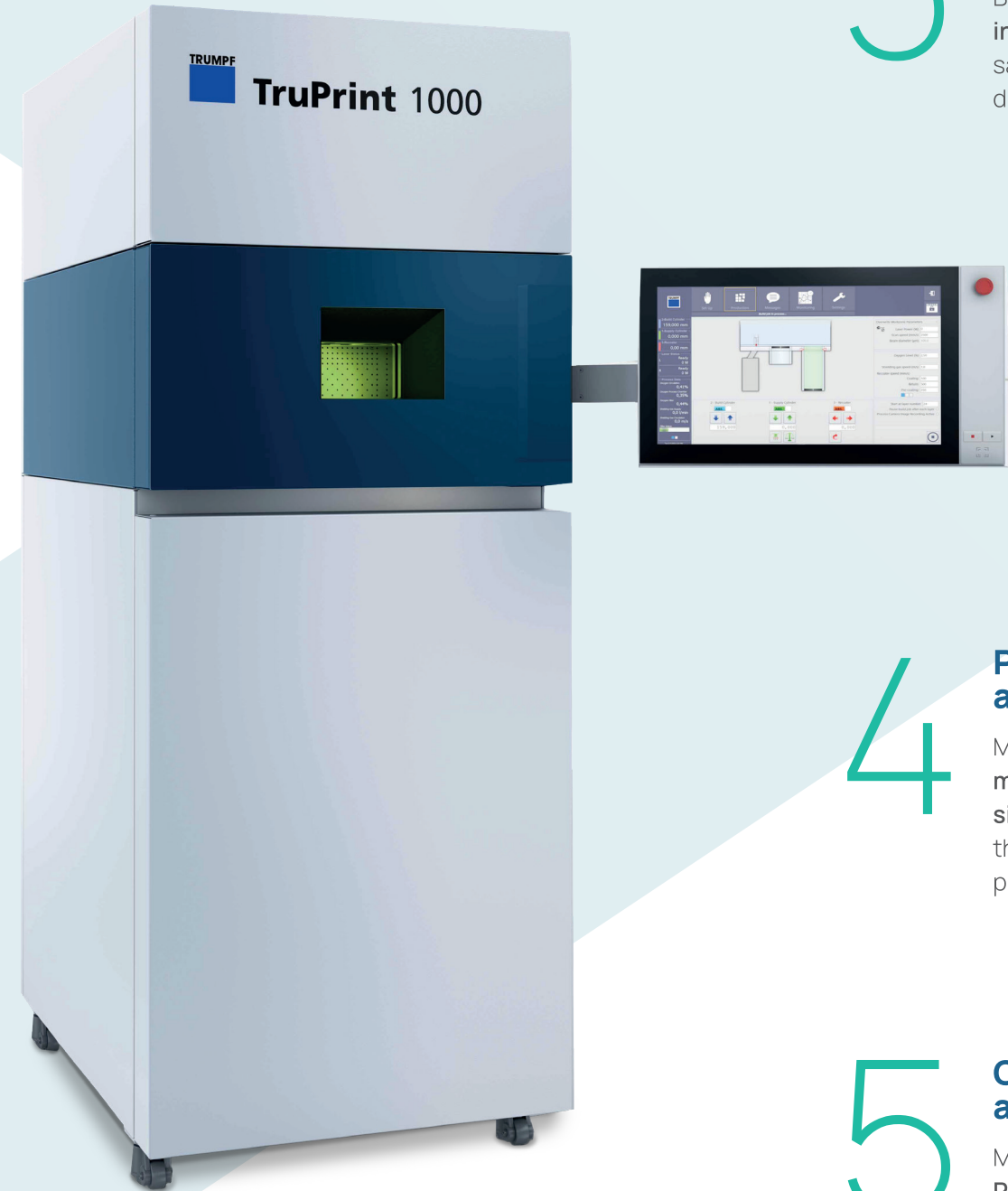
Compact design,  
unmatched precision and quality

# TruPrint 1000

More than  
**1000**  
machines installed  
worldwide

The TruPrint 1000 is a compact metal 3D printing system that delivers premium part quality and high precision. Its laser technology enables the reliable production of intricate geometries,

while the small design makes it ideal for laboratories, research environments, and industrial applications where space efficiency is essential.



## 1 Highest build rates

Boost productivity and flexibility by using two 200 W full overlapping lasers to produce up to 80% more parts simultaneously and the Multiplate option to run up to 4 consecutive build jobs without operator intervention.

## 2 Superior parts and surface quality

Achieve consistently high part quality with the new optimized gas flux and the precisely focused laser beam, ensuring clean optics, homogeneous prints, and repeatable results.

## 3 Ergonomic contact-free powder handling

Benefit from a closed inert cycle and interchangeable supply module, allowing safe processing of reactive materials even during small series production.

## 4 Process flexibility and advanced monitoring

Maximize process flexibility and quality with motorized optics, adjustable 55/80 µm spot size, and Powder Bed Monitoring which, thanks to an integrated camera, can detect process defects.

## 5 Custom-printed parts and material saving

Maximize your productivity with the Dental Preform option for custom abutment production and the overflow bin, featuring an integrated sieving module.

### Technical specifications

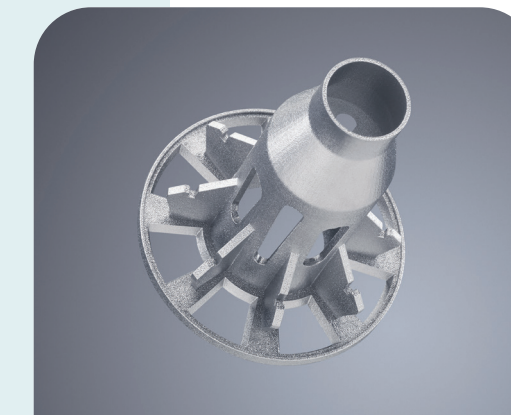
|  |   |
|--|---|
| Build module   | Ø 100 x H 100 mm (effective build area Ø 98 mm)   |
| Processable materials <sup>[1]</sup>                   | Weldable metals in powder form, such as: stainless steels, tool steels, aluminum, nickel-based or titanium alloys |
| Build rate <sup>[2]</sup>                              | 10 - 50 cm <sup>3</sup> /h  |
| Layer thickness <sup>[3]</sup>                         | 20 - 60 µm  |
| Max. laser power at the workpiece (TRUMPF fiber laser) | 200 W<br>Optional multilaser: 2 x 200 W   |
| Beam diameter  | 80 µm<br>Optional: 55/80 µm   |
| O <sub>2</sub> concentration                           | Down to 3000 ppm (0.3%)<br>Optional: down to 100 ppm (0.01%)  |
| Scan speed (powder bed)                                | Max. 2 m/s  |
| Shielding gas  | Nitrogen, argon   |
| Power supply   | 230 V - 7 A - 50/60 Hz  |
| Dimensions   | 780 x 2050 x 1160 mm  |
| Weight (incl. powder)                                  | 900 kg  |

[1] Current material and parameter availability upon request.

[2] Dependent on system configuration, process parameters, material and degree of filling.

[3] Individually adjustable.

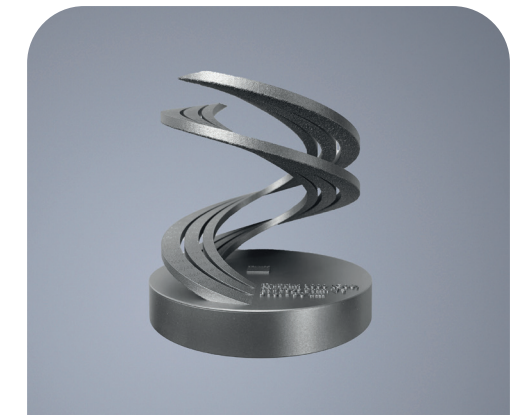
Subject to alteration. Only specifications in our offer and order confirmation are binding.



An impeller component for the railway industry, whose geometry was studied to optimize flow behavior within the motor.



Dental applications, crown and bridges made in CoCr.



Generic steel component made with support-free printing at very low angles.