

TruPrint 1000

Compact and robust
3D printing

03

Mobile operation and
monitoring

01

Easy and intuitive
to operate

02

High processing speed
due to innovative
coating system

04

Telediagnosics and
Visual Online Support



Laser metal fusion for complex metallic components.

The TruPrint 1000 produces components of almost any geometrical shape. Even complex shapes can be easily and rapidly transformed from the CAD drawing into a real component – and in the best quality. Use the TruPrint 1000 for metallic 3D printing of small industrial parts and series.



01

Easy and intuitive to operate

Because of its small size, the TruPrint 1000 is easy to operate. The generously-sized processing chamber and its doors enable ergonomic handling. Thanks to the intuitive touch screen, operation is very simple. With its intelligent functions, the control software supports efficient production.

02

High processing speed due to innovative coating system

The TruPrint 1000 coordinates powder coating and laser exposure parallel to the components. This reduces downtime to a minimum, enabling higher processing speeds.

03

Mobile operation and monitoring

With an App you can operate and control the TruPrint 1000 especially flexibly using a tablet. The Operator keeps an eye on the production process via live image, while necessary presence is reduced. Our monitoring solutions also provide you a comprehensive monitoring of your machine conditions and a full transparency of your machine productivity.

04

Telediagnosics and Visual Online Support

TRUMPF Telediagnosics provides a direct connection between our service engineers and your TruPrint 1000. Using the app for Visual Online Support (VOS) you can also exchange picture, sound and video files in real time. This enables more targeted support, and your machine is available again very quickly. Benefit from our worldwide trained service technician network and our 7x24 hour spare parts service.

TruPrint 1000		
Build cylinder	mm x mm	Ø 100 x 100 Optional: Smaller build area
Build materials		Stainless steel, tool steel, cobaltchrome, aluminum, nickel-based alloys, titanium ^[1] , precious metals ^[1] , bronze
Layer thickness	µm	10-50 ^[2]
Laser source	W	200 fiber laser
Focus diameter	µm	55 Optional 30
O2 concentration	ppm	Up to 100 (0,01%)
Scanning speed	m / s	Max. 6
Shield gas		Nitrogen, argon
Power supply	V / A / Hz	230 – 7 – 50/60
Dimensions	mm	1445 x 1680 x 730
Weight	kg	705

^[1] Available with option packages

^[2] Individually adjustable

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