



# TruPrint 1000 Green Edition

Technical data

## TruPrint 1000 Green Edition

### BUILD VOLUME (CYLINDER)

Diameter 97 mm x 100 mm Height

### PROCESSABLE MATERIALS

Weldable metals in powder form, such as: copper, copper alloys or precious metals. Current availability of materials and their parameters available on request.

### MAXIMUM LASER POWER AT THE WORKPIECE (TRUMPF FIBER LASER)

500 W

### BEAM DIAMETER (STANDARD)

200 µm

### BUILD RATE

Up to 25 cm<sup>3</sup>/h<sup>1</sup>

### MINIMUM MEASURABLE OXYGEN LEVEL

Down to 100 ppm (0.01%)

### CONNECTION AND CONSUMPTION

#### ELECTRICAL CONNECTION (VOLTAGE)

TruPrint 1000: 230 V  
TruDisk 1020: 400 V

#### ELECTRICAL CONNECTION (CURRENT INTENSITY)

TruPrint 1000: 7 A  
TruDisk 1020: 32 A

#### ELECTRICAL CONNECTION (FREQUENCY)

TruPrint 1000: 50/60 Hz  
TruDisk 1020: 50/60 Hz

#### SHIELDING GAS

Nitrogen, argon

### STRUCTURAL DESIGN

#### DIMENSIONS (W X H X D)

TruPrint 1000: 1445 mm x 1680 mm x 730 mm  
TruDisk 1020: 1340 mm x 1430 mm x 728 mm

#### WEIGHT (INCLUDING POWDER)

TruPrint 1000: 650 kg  
TruDisk 1020: 515 kg

Subject to changes. The information in our offer and our order confirmation is definitive.

## Footnotes

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1 — The actual build rate consisting of exposure and coating. Dependent on the configuration of the system, process parameters, material and fill level.

2 — in conjunction with vacuum conveyor