



# TruPrint 1000

Technical data

## TruPrint 1000

### EFFECTIVE BUILD VOLUME (STANDARD)

Diameter 98 mm x 100 mm Height

### EFFECTIVE BUILD VOLUME (OPTION: BUILD VOLUME REDUCTION)

Diameter 48 mm x 100 mm Height

### PROCESSABLE MATERIALS

Metal powders for welding, such as stainless steels, tool steels, and aluminum [1], nickel basis, cobalt-chrome, copper, titanium [1] or precious metal alloys, amorphous metals. Current availability of materials and their parameters available on request. [1] Only with option glove box + oxygen sensor, high resolution.

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

200 W

### BEAM DIAMETER (STANDARD)

80 µm

### BEAM DIAMETER (MOTORIZED OPTICS)

55/80 µm

### LAYER THICKNESS

20 - 60 µm

### BUILD RATE

10 - 50 cm³/h

### CONNECTION AND CONSUMPTION

#### ELECTRICAL CONNECTION (VOLTAGE)

230 V

#### ELECTRICAL CONNECTION (CURRENT INTENSITY)

7 A

#### ELECTRICAL CONNECTION (CURRENT INTENSITY - MULTILASER OPTION)

9 A

#### ELECTRICAL CONNECTION (FREQUENCY)

50/60 Hz

#### SHIELDING GAS

Nitrogen, argon

### STRUCTURAL DESIGN

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

780 mm x 2050 mm x 1160 mm

#### WEIGHT (WITH MULTILASER OPTION)

Max. 900 kg

Subject to changes. The details in our offer and order confirmation are definitive.