



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.