



TruPrint 2000

Technical data

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BUILD VOLUME (CYLINDER) L X W X H	202 mm x 202 mm x 200 mm
PROCESSABLE MATERIALS	Metal powders for welding, such as stainless steels, tool steels, and aluminum, nickel-based, cobalt-chrome or titanium alloys, amorphous metals. Current availability of materials and their parameters available on request.
PREHEATING (STANDARD)	Up to 200 °C
MAXIMUM LASER POWER AT THE WORKPIECE (TRUMPF FIBER LASER)	300 W (Optional 500 W, single-laser or dual-laser)
BEAM DIAMETER (STANDARD)	80 µm
BEAM DIAMETER (OPTION)	55 µm - 80 µm
LAYER THICKNESS	20 - 100 µm
CONNECTION AND CONSUMPTION	
ELECTRICAL CONNECTION (VOLTAGE)	400 / 460 V
ELECTRICAL CONNECTION (CURRENT INTENSITY)	32 A
ELECTRICAL CONNECTION (LINE FREQUENCY)	50 Hz / 60 Hz
SHIELDING GAS	Nitrogen, argon
STRUCTURAL DESIGN	
DIMENSIONS (W X H X D)	2180 mm x 2030 mm x 1400 mm
WEIGHT (INCLUDING POWDER)	2500 kg

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