

TRUMPF



TruPrint 2000

Technical data

TRUMPF



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BUILD VOLUME (CYLINDER)	Diameter 200 mm x 200 mm Height
EFFECTIVE BUILD VOLUME (STANDARD)	Diameter 200 mm x 200 mm Height
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
BEAM DIAMETER (STANDARD)	55 µm
LAYER THICKNESS	20 - 100 µm
MINIMUM MEASURABLE OXYGEN LEVEL (STANDARD)	100 ppm
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)	3200 kg

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