



# TruPrint 3000

Technical data

## TruPrint 3000

<b>BUILD VOLUME (CYLINDER)</b>	Diameter 300 mm x 400 mm Height
<b>PROCESSABLE MATERIALS</b>	Metal powders for welding, such as stainless steels, tool steels, and aluminum alloys, nickel-based alloys, or titanium alloys. Current availability of materials and their parameters available on request.
<b>PREHEATING (STANDARD)</b>	Up to 200 °C
<b>MAXIMUM LASER POWER AT THE WORKPIECE (TRUMPF FIBER LASER)</b>	500 W
<b>BEAM DIAMETER (INDIVIDUALLY ADJUSTABLE)</b>	100 - 500 µm
<b>LAYER THICKNESS</b>	20 - 150 µm
<b>BUILD RATE</b>	5 - 60 cm <sup>3</sup> /h
<b>MINIMUM MEASURABLE OXYGEN LEVEL</b>	Up to 100 ppm
<b>CONNECTION AND CONSUMPTION</b>	
ELECTRICAL CONNECTION (VOLTAGE)	400/460 V
ELECTRICAL CONNECTION (CURRENT INTENSITY)	32 A
ELECTRICAL CONNECTION (FREQUENCY)	50/60 Hz
SHIELDING GAS	Nitrogen, argon
<b>STRUCTURAL DESIGN</b>	
DIMENSIONS (INCLUDING FILTER) (W X H X D)	3385 mm x 1750 mm x 2070 mm
WEIGHT (INCLUDING POWDER)	4300 kg

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