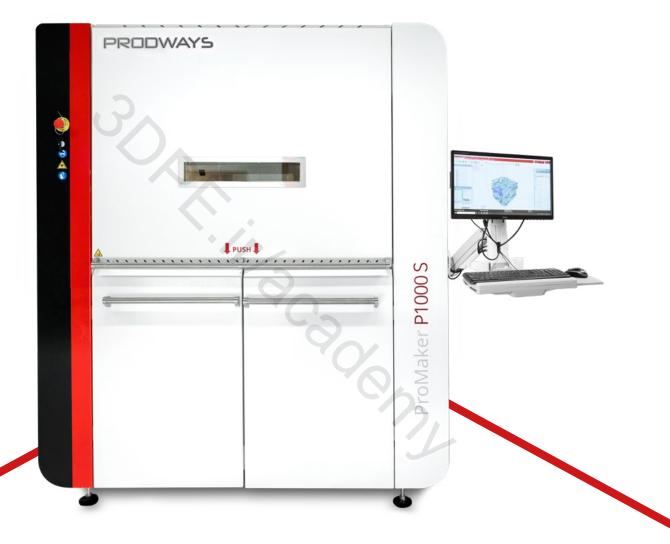


## **ProMaker P1000 S**

## **Affordable industrial 3D Printer**



# Selective Laser Sintering Technology





#### **PRODUCTIVE**

32 liters build volume. Up to 1,4 liters/hour build rate



#### **AFFORDABLE**

The best price/volume ratio in the industrial printers category



#### **RELIABLE**

Proven technology & high quality manufacturing



#### **SPECIFICATIONS**

Build chamber size (LxWxH)	300 x 300 x 360 mm   11.8 x 11.8 x 14.2 in
Build rate @0.1mm layer thickness*	1.4 liters/hour
Scanning speed	3.5 m/s   138 in/s
Focusing system	F-Theta Lens
Laser power and type	30W CO <sub>2</sub> - 450 μm spot size
Layer thickness*	60/100/120 μm
Powder feed type	Bi-directional, hot feed cylinders system. Counter-rotating roller recoater
Max chamber temperature	200 °C   392 °F
Thermal field control	24 x 24 points grid system
Heating system	10 independent IR heaters
Camera system	Integrated video camera
Software features	In-machine realtime slicer, compatible with STL and 3MF file formats
Available materials	PA12, PA11 natural and glass filled, TPU, PP
Printer size (LxWxH)	1700 x 1159 x 2008 mm   67 x 46 x 79 in
Nitrogen supply	Integrated high purity nitrogen generator
Weight	750 Kg   1653 lbs.
Power requirements	210 – 240 VAC, 32A, 50/60 Hz
Scalability	Possibility to upgrade to a ProMaker P1000 X for more speed

<sup>\*</sup> Depending on material, geometry and nesting density

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