

LASER SINTERING SOLUTIONS

INDUSTRIAL PERFORMANCE MADE ACCESSIBLE



PRODUCTIVITY



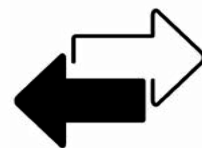
27 to 32 liters build volume
up to 2 liters/hour build speed

PRECISION



450µm laser beam size
Advanced on-the-fly slicer

FLEXIBILITY



Easy to switch between
materials



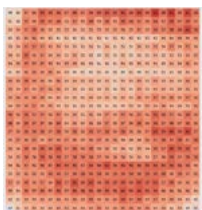
Prodways Selective Laser Sintering printers: THE INDUSTRIAL SLS® REVOLUTION

ProMaker P SERIES - SPECS

	ProMaker P1000	ProMaker P1000 X
Build chamber size (LxWxH)	300 x 300 x 300 mm 11.8 x 11.8 x 11.8 in	300 x 300 x 360 mm 11.8 x 11.8 x 14.2 in
Build rate @0.1mm layer thickness*	1 liter/hour	2 liters/hour
Scanning speed	3,5 m/s 118 in/s	8 m/s 315 in/s
Focusing system	F-Theta Lens	
Laser power and type	30W CO ₂ - 450 µm spot size	60W CO ₂ - 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	4 independent thermal sensors	24 x 24 points grid system ⁽¹⁾
Heating system	10 independent IR heaters	
Camera system	NA	Integrated video camera ⁽²⁾
Software features	In-machine, 'on the fly' slicer, compatible with STL and 3MF file formats.	
Available materials	PA12, PA11 natural and glass filled, TPU, PP	
Printer size (LxWxH)	1545 x 1055 x 2125 mm 61 x 42 x 84 in	1700 x 1159 x 2008 mm 67 x 46 x 79 in
Nitrogen supply	External nitrogen generator	Integrated high purity nitrogen generator
Weight	700 Kg 1544 lbs.	750 Kg 1653 lbs.
Power requirements	210 - 240 VAC, 32A, 50/60 Hz	

* Depending on material, geometry and nesting density

ProMaker P 1000X - NEW TECHNOLOGICAL IMPROVEMENTS



⁽¹⁾ 24x24 points thermal field control

The renowned thermal control allows for even more homogeneous thermal distribution all across the platform.



⁽²⁾ Integrated video camera

Get remote access to your system and have a look at your job, live, from anywhere.

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