

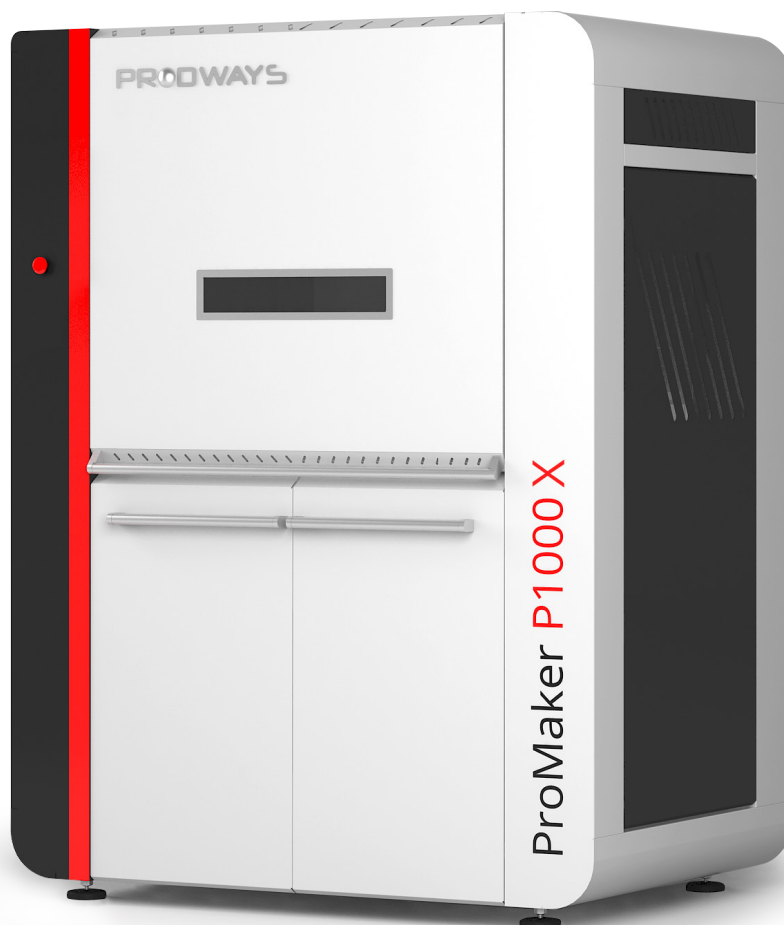
ProMaker P1000 X

SELECTIVE LASER SINTERING
POLYMER POWDER 3D PRINTER

OUR NEW LASER SINTERING SYSTEM FAST, ACCURATE, AFFORDABLE

Pre-launch brochure

Data subject to revision.
Product available from Q3 2019



PRODUCTIVITY



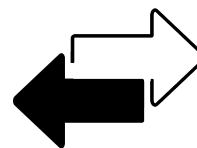
32 liters build volume
2 liters/hour build speed

PRECISION



450µm laser beam size
Advanced realtime slicer

FLEXIBILITY



Easy to switch between
the 7 available materials



Prodways Selective Laser Sintering printers: THE INDUSTRIAL SLS® REVOLUTION

ProMaker P1000 X - SPECS

ProMaker P1000 X

	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*	2 liters/hour
	Scanning speed	7,5 m/s
	Focusing system	F-Theta Lens
	Laser power and type	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 (optional: blade)
	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, Stark 3200
	Printer size (LxWxH)	1800 x 1000 x 1920 mm 71 x 39 x 76 inches
	Nitrogen supply	External or integrated high purity nitrogen generators
	Weight	750 Kg 1653 lbs.
	Power requirements	110 – 240 VAC, 8-12A, 50/60 Hz

* Depending on material, geometry and nesting density
** the Process Developer License allows to test and run even more materials

WWW.PRODWAYS.COM

USA | Boston
316 Daniel Webster Hwy, Merrimack, NH 03054
+1 603-429-9700

Germany | Frankfurt
Raiffeisenstr. 8a - 61169 Friedberg
+49 (0)6031 / 7283-0

France | Paris
ZI Des Garennes - 1, rue Chappe - 78130 Les Mureaux
+33 (0)1 30 90 44 12