

A PREMIUM LASER SINTERING SOLUTION INDUSTRIAL PERFORMANCE IN A COMPACT DESIGN WITH HIGH TEMPERATURE CAPABILITY



PRODWAYS
POWERED BY **FARSOON**

ProMaker P2000 SERIES

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The ProMaker P2000 Series delivers high industrial performance in a compact footprint, with a high temperature-capable configuration to process the most advanced materials.

INDUSTRIAL PERFORMANCE IN A COMPACT FOOTPRINT

The ProMaker P2000 series offers high productivity and flexibility for industrial production in a compact design. With the fastest scan speeds in its class, the ProMaker P2000 is capable of high-volume production as well as efficiently producing small runs or customized products within a few of hours.

HIGH ACCURACY AND PRECISION FOR ALL YOUR PARTS

The ProMaker P2000 series 3D printers feature the latest high accuracy digital galvo scanning system. A high-resolution laser beam delivers amazing precision and superior surface quality on all parts across the build platform.

PROCESS HIGH-PERFORMANCE MATERIALS AT HIGH TEMPERATURES

The high-temperature-capable configurations of the ProMaker P2000 series make it possible to process a wide variety of high-performance materials up to 280°C. With enhanced temperature shielding, powerful laser technology, and an accurate thermal control system, our P2000 high temperature printers are opening up new possibilities for advanced research and direct-use applications.



PREMIUM LASER SINTERING: AN INDUSTRIAL SOLUTION FOR PROTOTYPING AND RAPID MANUFACTURING

ProMaker P2000 SERIES TECHNICAL SPECIFICATIONS

	ProMaker P2000 SD	ProMaker P2000 HT	ProMaker P2000 ST
Max. Build envelope size (LxWxH)	250 x 250 x 320 mm (9.84 x 9.84 x 12.60 in)		
Volume Build Rate (max)* @0.10 mm layer thickness	0.8 l/hr 48 in³/h	1.2 l/hr 73 in³/h	1.2 l/hr 73 in³/h
Scanning Speed	7.6 m/s 275 in/s	10.2 m/s 401 in/s	10.2 m/s 401 in/s
Layer thickness (typical)	0.06-0.3 mm (0.1 mm) 0.002-0.011 in (0.004 in)		
Scanner	High-precision galvo scanning system		
Laser Type	30W CO ₂	60W CO ₂	100W CO ₂
Laser Window	Removable, Easy to clean		
Powder Feed Mode	Bi-directional powder feed system with single feed cylinder		
Powder Delivery	Precision counter-rotating roller		
Max. Chamber Temperature	190°C 374°F	220°C 428°F	280°C 536°F
Heating Element	Golden infrared heater		
Thermal Field Control	Eight-zone heater & intelligent temperature control systems		
Temperature Regulation	Continuous real-time build surface temperature monitoring & optimization		
Printer size (LxWxH)	1750 x 1150 x 1915 mm (68.9 x 45.3 x 75.4 in)		
Power Requirements	380 VAC - 50/60 Hz - 16 KVA Three-phase Five-wire		
Data File Format	.STL		
Key Software Features	Manual and automatic control modes, real-time build parameter modification, three-dimensional visualization, diagnostic functions		

* material dependent

By choosing one of our ProMaker machines, you're also accessing our vast technical knowledge and a wide range of available services to help optimize production and maximize profitability.
TRAINING • MAINTENANCE • HOTLINE AND ON-SITE ASSISTANCE • SPECIFIC DEVELOPMENT

PRODWAYS
THE NEW WAY OF PRODUCING

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