Fast.
Reliable.
Accessible.

SUZY © 2025

Sinterit

Reliable	Large build volume	Industrial speed	PA12 INDUSTRIAL — Designed for PA12 INDUSTRIAL

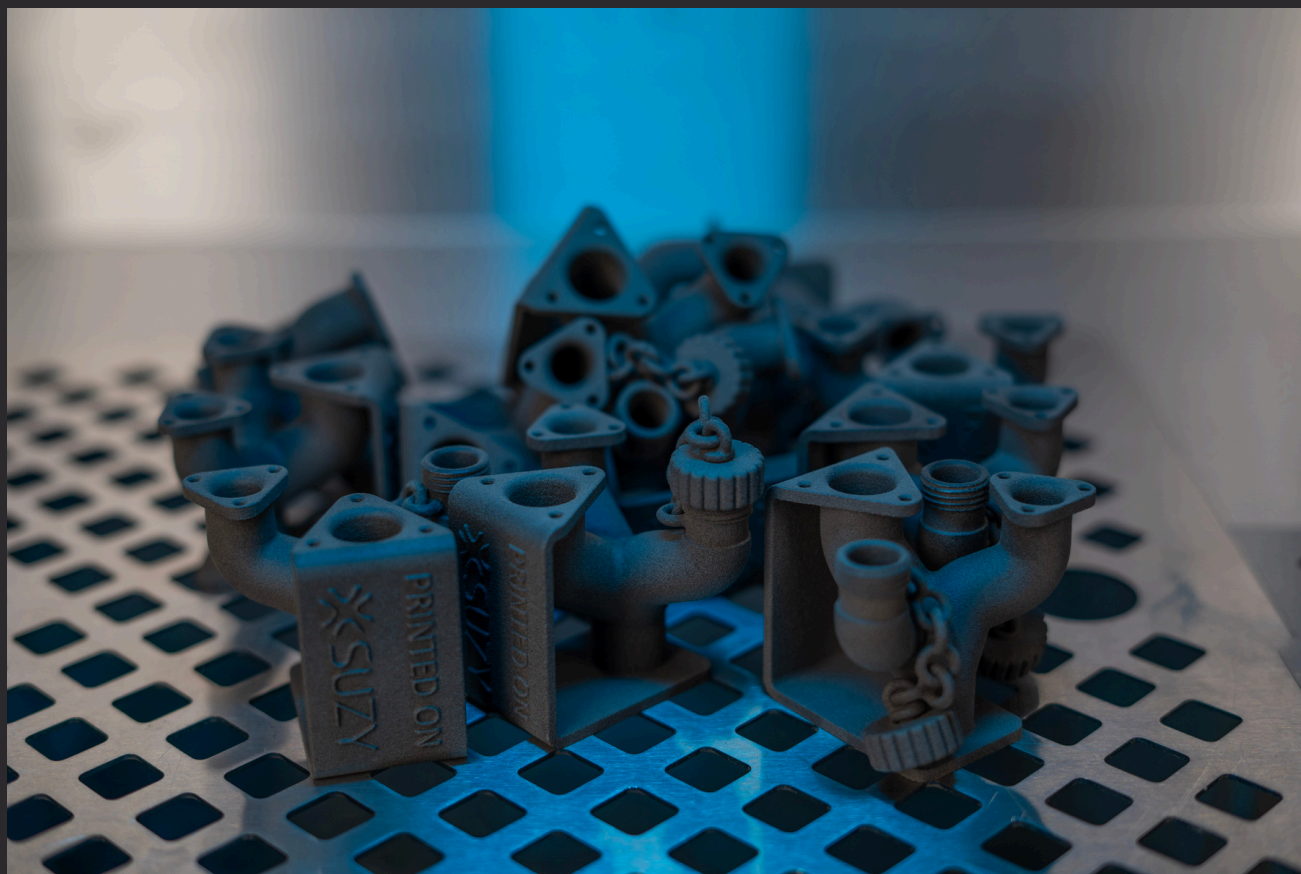| Size of Print Bed	Layer height Z	Build Speed
150x200x350 [mm]	0,075 [mm]	up to 20 [mm/h]
5.9x7.9x13.8 [in]	0.003 [in]	up to 0.79 [in/h]

The New Definition of Productivity

Sinterit

Superior Print Quality

SUZY delivers precise, detailed, and repeatable results, ensuring exceptional quality in every layer. One of its key advantages is the thinnest layer height on the compact SLS market – just 0.075 mm (0.003 in) on the Z-axis. This ultra-fine resolution allows for an unparalleled level of detail, making it possible to achieve complex features and intricate geometries that are difficult to print with other technologies. Whether you're producing functional prototypes or high-quality end-use parts, SUZY guarantees outstanding surface finish and accuracy, setting a new standard in SLS 3D printing.

Engineered for Consistency

Designed for reliability and precision, our new SLS 3D printer is fully optimized for PA12 Industrial, the most widely used material in SLS technology. By maintaining a controlled environment, it ensures consistent print quality, minimal powder waste, and superior mechanical properties in every part. Experience the perfect synergy of efficiency, durability, and repeatability, tailored for production and prototyping.

Industrial speed and large build volume

With a printing speed of up to 20 mm/h (0.79 in/h), this SLS 3D printer delivers performance comparable to industrial-grade machines, all while maintaining a compact footprint. The combination of high speed and a large build volume makes it ideal for both rapid prototyping and small-batch production, offering a cost-effective solution without the need for a massive investment. This balance of efficiency, precision, and scalability enables businesses to streamline their production process while maintaining top-tier print quality.

Smart Manufacturing at Your Fingertips

SUZY is a compact SLS 3D printer made for today's production needs. It works well with modern factory systems and connects easily through an API, so you can monitor and control it remotely. SUZY helps you automate work and grow your production, and because it follows Industry 4.0 standards, it may also help you apply for EU funding.

The New Definition of Productivity

Sinterit

Sinterit SUZY
Product specification

Speed, efficiency and outstanding print quality - all in one machine.

- The fastest printing speed on the market
- Precise and repeatable printing
- Large working area
- Improved chamber temperature management
- The thinnest print layer on the market
- Closed system dedicated to PA12

GENERAL

Technology	SLS - Selective Laser Sintering
Laser type	IR Fiber Coupled Diode Laser, 30W; λ = 976 ± 3 [nm] rated to > 30,000 hrs
Laser scanner type	Galvo
Dimensions	650x610x1200 [mm] (25.6x24.0x47.2 [in])
Weight	150 [kg] (330.7 [lbs])

PRINT VOLUME

Max size of print diagonally	398 [mm] (15.7 [in])
Max print volume	PA: 130x180x330 [mm] (5.11x6.7x13.3 [in])

PRINTER PARAMETERS

Size of Print Bed	150x200x350 [mm] (5.9x7.9x13.8 [in])
Layer height Z	0,075 [mm] (0.003 [in])
Build Speed	up to 20 [mm/h] (0.79 [in/h])

PRINT FEATURES

Min. wall thickness	od 0,5 [mm] (0.020 [in])
Hole diameter	od 0,5 [mm] (0.020 [in])
Moving part clearance	od 0,2 [mm] (0.008 [in])

SOFTWARE

Software[1]	Sinterit Studio
Supported file types	STL, 3MF, OBJ, 3DS, FBX, DAE
Output file types	*.scode, *.sspf, *.sspfz
OS compatibility	Microsoft Windows 10 or higher

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Sinterit SUZY
Product specification

COMMUNICATION

LCD screen	9" interactive touchscreen
On-board camera	Built-in
Connectivity	WiFi / Ethernet / USB

HEATING SYSTEM

Independent	4 zones: print chamber, print surface, cylinder and piston - 21 independent heating elements
Max temperature in the chamber	210 [°C] / 410 [°F]

POWER

Operating voltage	230 [V] AC, 50/60 [Hz], 8 [A] or 100-120 [V] AC, 50/60 [Hz], 15 [A] (with converter)
Average power consumption	0,85 [kW]
Max power consumption	1,65 [kW]

PACKAGING

Size of package	650 x750x1350 [mm] (25,6x29,5x53,0 [in])
Package weight	195 [kg] (430 [lbs])

1. Technical requirements to install Sinterit Studio Software: Windows 10 or higher / Minimum 500 MB of disk space / Minimum 2 GB of RAM / Graphics adapter compatible with OpenGL 3.0 or higher.

The information given in this document is based on standard values and is intended for informational and comparison purposes only. The parameters provided in this data sheet are subject to change. The properties of the final components may vary due to the printed component's design and orientation.

⁂ Sinterit SUZY, Page 2/2 | Recent Update 18.03.2025

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The New Definition of Productivity

Sinterit

Sinterit's solution optimizes the printing process.

Sinterit supports the user at all stages of the printing process.
From preparing the models in the Sinterit Studio, to printing,
full post-processing and powder management.
This makes using the Sinterit system as easy and functional as possible.

The New Definition of Productivity

Sinterit
ul. Nad Drwiną 10
30-741 Kraków, Poland
contact@sinterit.com