



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; $\lambda = 976 \pm 3$ [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, *.sspzf
OS compatibility	Microsoft Windows 10 or higher



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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.

