

da Vinci Super

Bigger is Better

Print big. The da Vinci Super is a large-format 3D printer that supports 3rd-party filaments, specially engineered for use in the office or workshop.



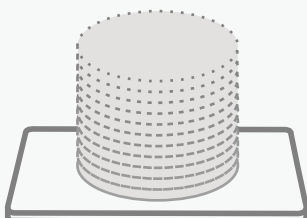
Big Volume - Any Filament

The da Vinci Super is our biggest printer yet. Print large volume with 3rd party filament, and use our slicing software, XYZware Pro to ensure you get great quality prints every time.



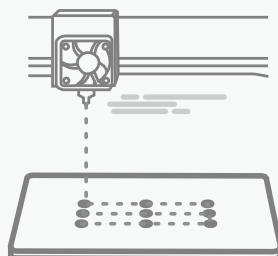
Layer Resolution

20 - 400
microns



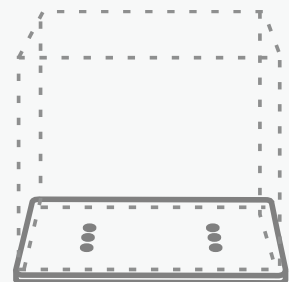
Max. Print Speed

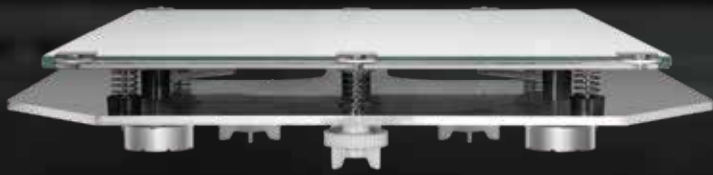
180
mm/sec



Max. Build Area (WxDxH)

300 x 300 x 300
mm





Upgraded Hardware for Better Functionality

Upgraded with automatic platform calibration, heat-resistant glass printing platform, intelligent quick-release nozzle and intuitive interface, the da Vinci Super lets you print large objects without sacrificing quality or user experience.

New School Material Selection

With an extruder nozzle that can print up to 260°C, and a heated print bed that can reach 100°C, print from a wide range of new generation 3rd party materials such as Carbon Fiber, Nylon, TPE and HIPS, or stay traditional and print with time-tested ABS, PLA and PETG.



Failed Print Job Recovery

In case the power goes off unexpectedly during your print, the da Vinci Super saves your last print layer so you can start it easily when the power is restored. No more wasting a print that is already 20 hours through. This same technology also lets you pause the print and change filament colors. Once your new filament is loaded, simply press "resume" to continue printing.

Customizable Functionality

3D printing is all about customization so here at XYZprinting we've taken that ethos into our design thinking. The da Vinci Super lets you choose between a rear filament loading module or a front loading module, letting you print both flexible and stiff materials. Additionally you can also swap the printhead for a laser engraver module and engrave your design on Paper, Cardboard, Leather, Wood or Plastic.



Specifications

Print Technology	FFF (Fused Filament Fabrication)
Max. Build Area (WxDxH)	300 x 300 x 300 mm
Layer Resolution	20 - 400 microns
XY Positioning Precision	XY 12.5 micron
Z Positioning Precision	0.0004 mm
Supported File Format	.stl, XYZ Format (.3w), G-code, .3mf, .obj
3D Builder Support	Yes
Material Compatibility	PLA / ABS / Tough PLA / PETG / TPE / Nylon / HIPS / Wood / Metallic PLA* / Carbon Fiber PLA* (*Option Extruder)
Support 3rd Party	Yes
Filament Diameter	1.75 mm
Nozzle Diameter	0.4 mm (0.6 mm / 0.8 mm Option)
Max. Print Speed	180 mm/s
Print Bed	Non-removable Metal

Calibration	Auto
Engraving Area	285 mm x 285 mm
Laser Wavelength	450nm + 5nm/-10nm InGaN
Output Power	350mW ± 10%
Supported Image Format	.jpg / .png / .gif / .bmp
Connectivity	USB 2.0 Cable, Wi-Fi 802.11 b/g/n, USB Flash Drive
Operating System	Windows 7, 8, 8.1, 10 (64 bits) Mac OS X 10.10, 10.11, 10.12, 10.13 Linux 14.04, 16.04 (only XYZmaker)
Power Requirement	100V - 240V 450W
Product Dimensions (WxDxH)	604 x 605 x 733 mm
Product Weight	35.5 kg

* All features and specifications are subject to change without prior notice. For more information, please visit our website at www.xyzprinting.com