# 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.
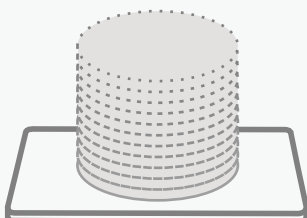
## Big Volume - Any Filament

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.
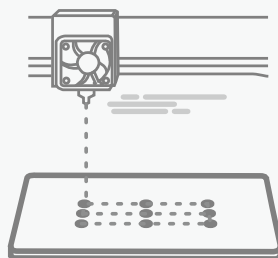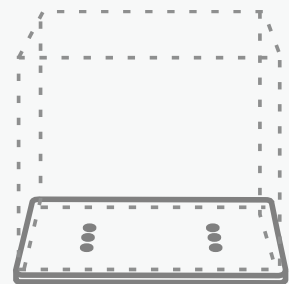
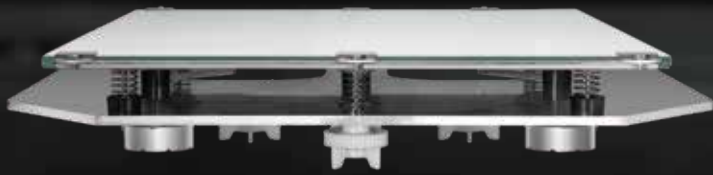| Layer Resolution | Max. Print Speed | Max. Build Area (WxDxH) |
|:---:|:---:|:---:|
| 20 - 400 | 180 | 300 x 300 x 300 |
| microns | mm/sec | mm |

## 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℃, and a heated print bed that can reach 100℃, 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** | 3D Structure Fused Filament Fabrication (FFF) | | **Print Bed** | Non-removable Metal |
| **Max. Build Area (WxDxH)** | 300 x 300 x 300 mm | | **Calibration** | Auto |
| **Layer Resolution** | 20 - 400 microns | | **Engraving Area** | 285 mm x 285 mm |
| **XY Positioning Precision** | X/Y 12,5 micron | | **Laser Wavelength** | 450nm + 5nm/-10nm InGaN |
| **Z Positioning Precision** | 0,0004 mm | | **Output Power** | 350mW ± 10% |
| **Supported File Formats** | .stl / XYZ Format (.3w) / G-code / .3mf / .obj | | **Supported Image Formats** | .jpg / .png / .gif /.bmp |
| **3D Builder Support** | Yes | | **Connectivity** | USB 2.0 Cable, Wi-Fi 802.11 b/g/n, USB Flash Drive |
| **Material Compatibility** | PLA / ABS / Tough PLA / PETG / TPE / Nylon / HIPS / Wood PLA / Antibacterial PLA / *XYZ Carbon Fiber / *Premium Metallic PLA (*Optional Extruder) | | **Operating Systems** | 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) |
| **Support 3rd Party** | Yes | | **Power Requirement** | 100V - 240V 450W |
| **Filament Diameter** | 1,75 mm | | **Product Dimensions (WxDxH)** | 604 x 605 x 733 mm |
| **Nozzle Diameter** | 0,4 mm (0,6 mm / 0,8 mm optional) | | **Product Weight** | 35,5 kg |
| **Max. Print Speed** | 180 mm/s | | | |

\* Must be upgraded to Hardened Steel Nozzle
\*\* All features and specifications are subject to change without prior notice. For more information, please visit our website at **www.xyzprinting.com**

**XYZ**PRINTING

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