



# **XYZmaker Suite**

## **User Manual**

An All-Round Authoring Tool for 3D Printing

## About XYZmaker Suite

XYZprinting brings together XYZmaker and XYZprint (XYZware, XYZ ware Pro) to XYZmaker Suite - Which is an all-in-one 3D design software application that provides a comprehensive range of 3D tools for XYZprinting's 3D printers.



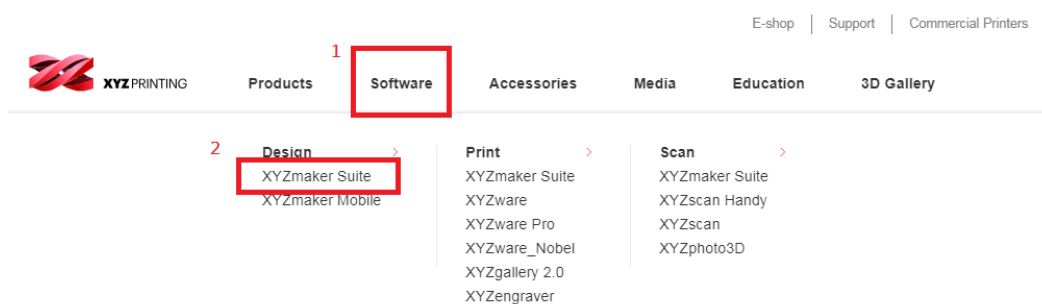
The XYZmaker Suite is a package of 3D modeling-standard production applications that encompass a wide breadth of tasks in the creative sector. Application intents range from 3D modeling and 3D printing to engraver and 3D scan software. And to make your design more realistic and can be print easily, all the software in XYZmaker Suite has its function to combine with da Vinci 3D printer series by XYZprinting.

## Installation Instruction

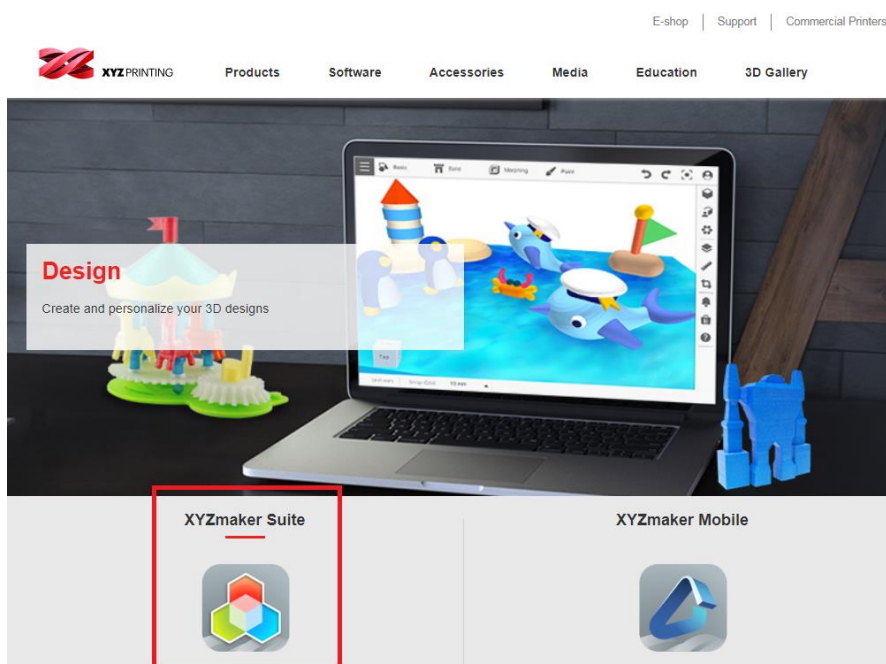
Before printing and designing 3D models, please install XYZmaker Suite first. You can get the installer with the bundled SD card or USB stick. For additional information, software updates, technical support, kindly refer on XYZprinting online resources: [http:// www.xyzprinting.com](http://www.xyzprinting.com).

You can also download the installer from XYZprinting website.

1. Go to [http:// www.xyzprinting.com](http://www.xyzprinting.com) , click on <Software> section and choose <XYZmaker Suite>



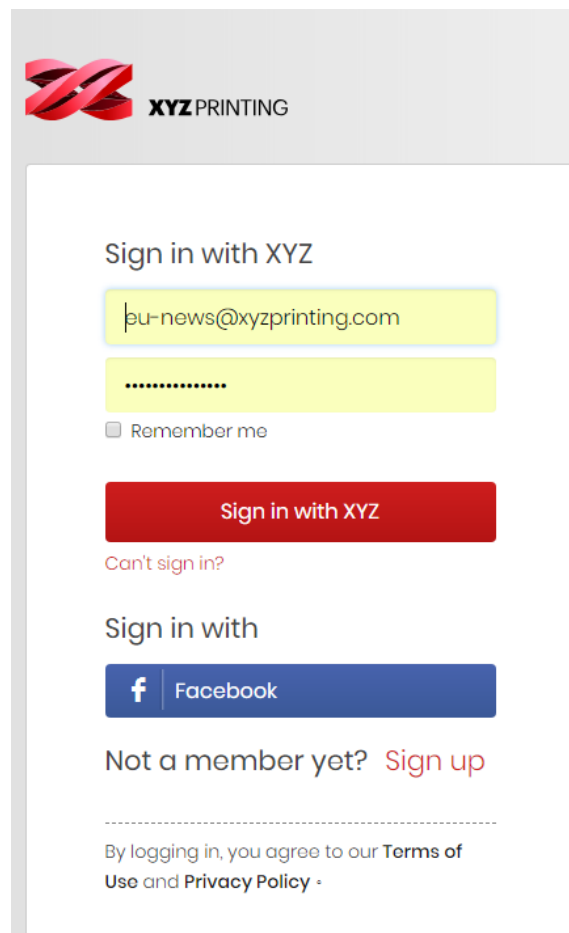
2. Choose <XYZmaker Suite> to enter the product page of XYZmaker Suite.



3. Click “Download”.



4. Sign in your XYZprinting account to enter the support page to download the software.



5. Choose the file to download according to the OS you have.

XYZmaker Suite

XYZmaker Suite

Product Document

— MacOS

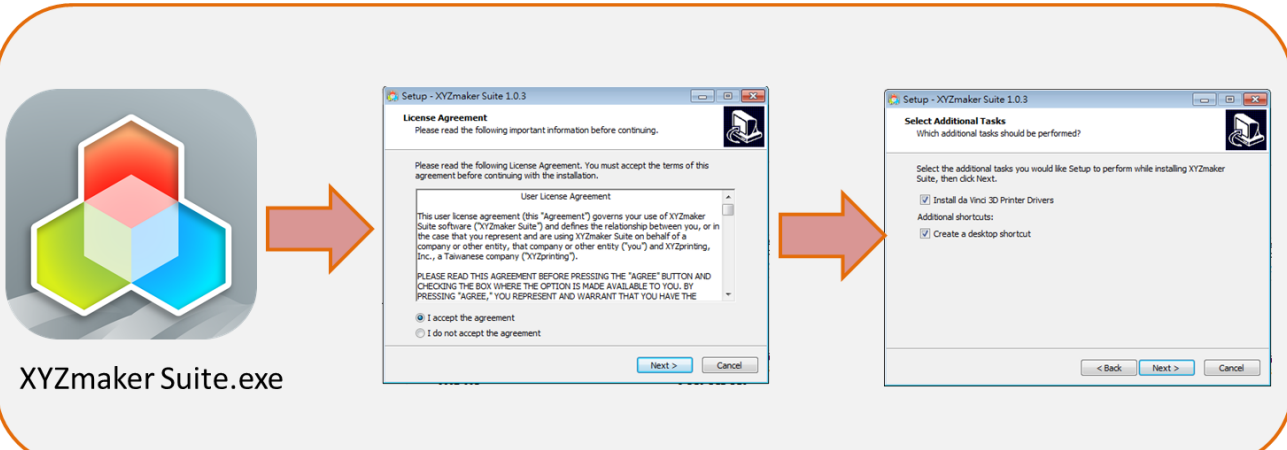
Version	File	Date	OS Support	Download
1.0.1	XYZmakerSuite_1.0.1(1A10061).dm g	2018-09-07	OS X 10.10 OS X 10.11 OS X 10.12 OS X 10.13	↓

Notice:  
The first time you use this software, you will need to log in as an XYZprinting member.  
To become a member, please register on our official website first.

— Windows

Version	File	Date	OS Support	Download
1.0.3	XYZmaker_Suite_1.0.3.exe	2018-09-07	Windows 7 Windows 8 Windows 8.1 Windows 10	↓

6. For Windows OS, just double click the installer then XYZmaker Suite Setup wizard will display on screen. Just follow the instructions on the screen to finish the process of installation.

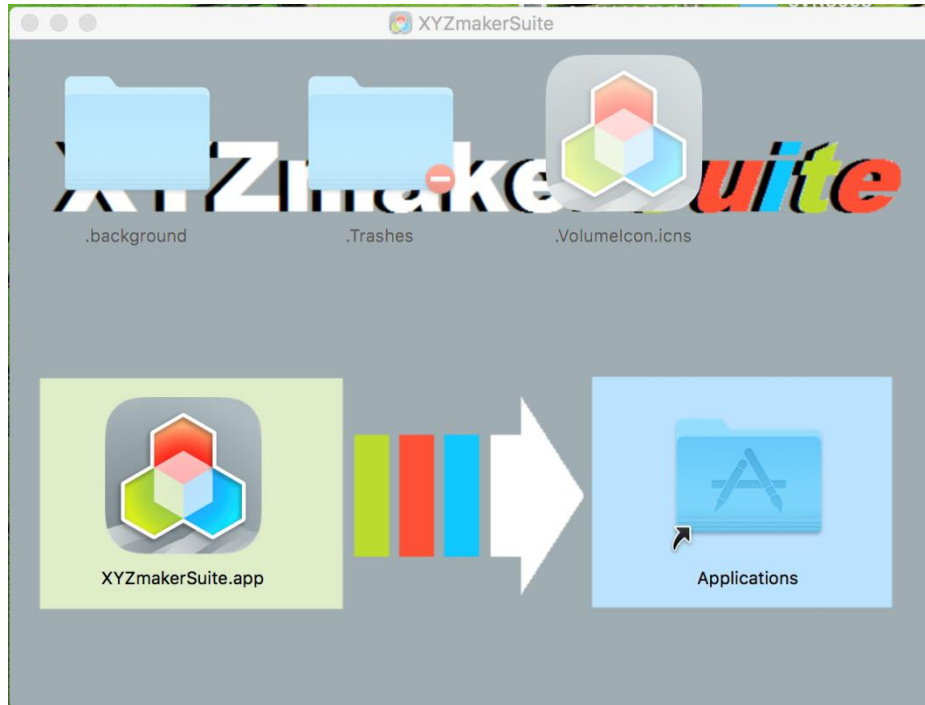


The diagram illustrates the installation process for XYZmaker Suite on Windows. It begins with the **XYZmaker Suite.exe** icon. An arrow points to the **License Agreement** dialog box, which displays the terms of the user license agreement. A second arrow points to the **Select Additional Tasks** dialog box, where users can choose which additional tasks (such as installing 3D printer drivers and creating a desktop shortcut) should be performed during the installation.

Version 20180921

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7. On Mac OS, you will also need to double click the installer (\*.dmg\*) file format and drag it into Application alias.



8. Congratulations! Your installation is already complete! You can now launch XYZmaker Suite and start creating and printing 3D object.



## Software Introduction



XYZmaker Suite is an all-in-one 3D design software application that provides a comprehensive range of 3D tools for XYZprinting's 3D printers.

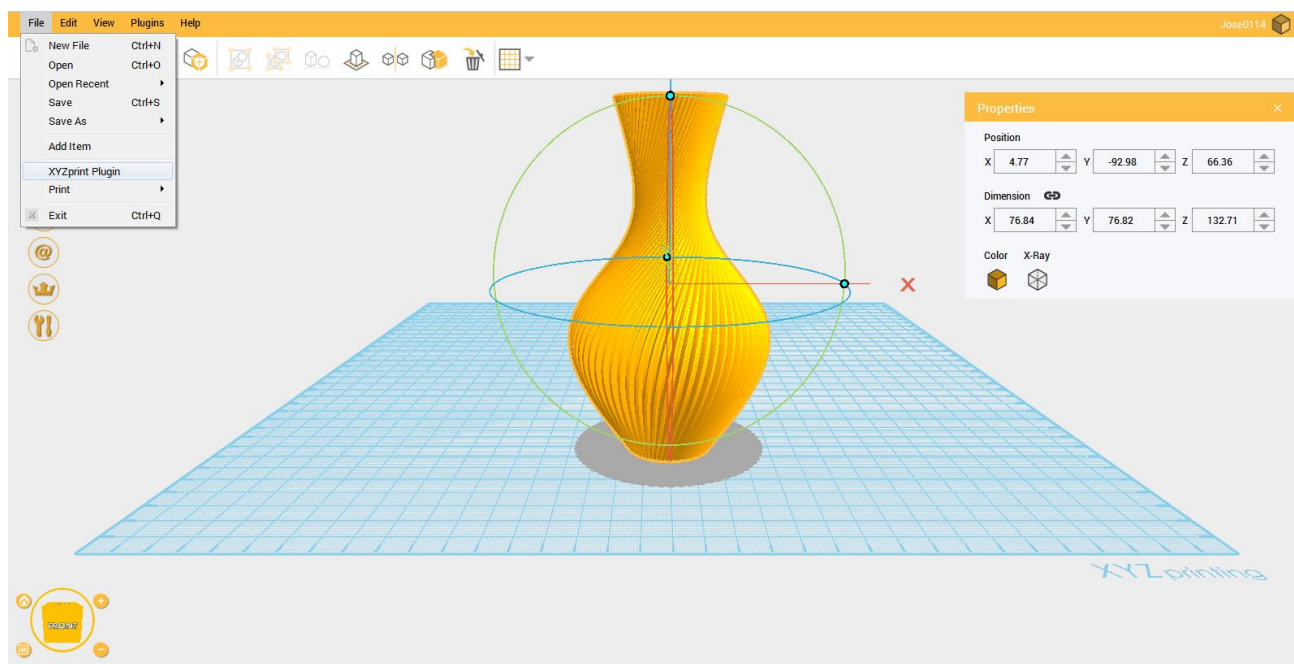


The screenshot shows the XYZmaker Suite software interface. A red box highlights the main content area, which includes a top navigation bar with a user profile icon and a dropdown menu labeled "Account info". Below this is a grid of four software modules: XYZmaker (with a 3D bar chart icon), XYZprint (with a 3D cube icon), XYZengraver (with a laser engraving icon), and XYZs (partially visible). A callout box labeled "Software brief introduction" points to the XYZmaker module. Below the grid is a banner for "XYZ gallery 2.0" featuring a man using a tablet, a QR code, and the text "We are now available on Android and Apple store." A callout box labeled "Advertisement" points to this banner. On the left side of the interface, there is a vertical sidebar with social media icons (YouTube, Facebook, Twitter, Instagram, LinkedIn) and a callout box labeled "Hyperlink to XYZprinting's website and social media page" pointing to the icons.



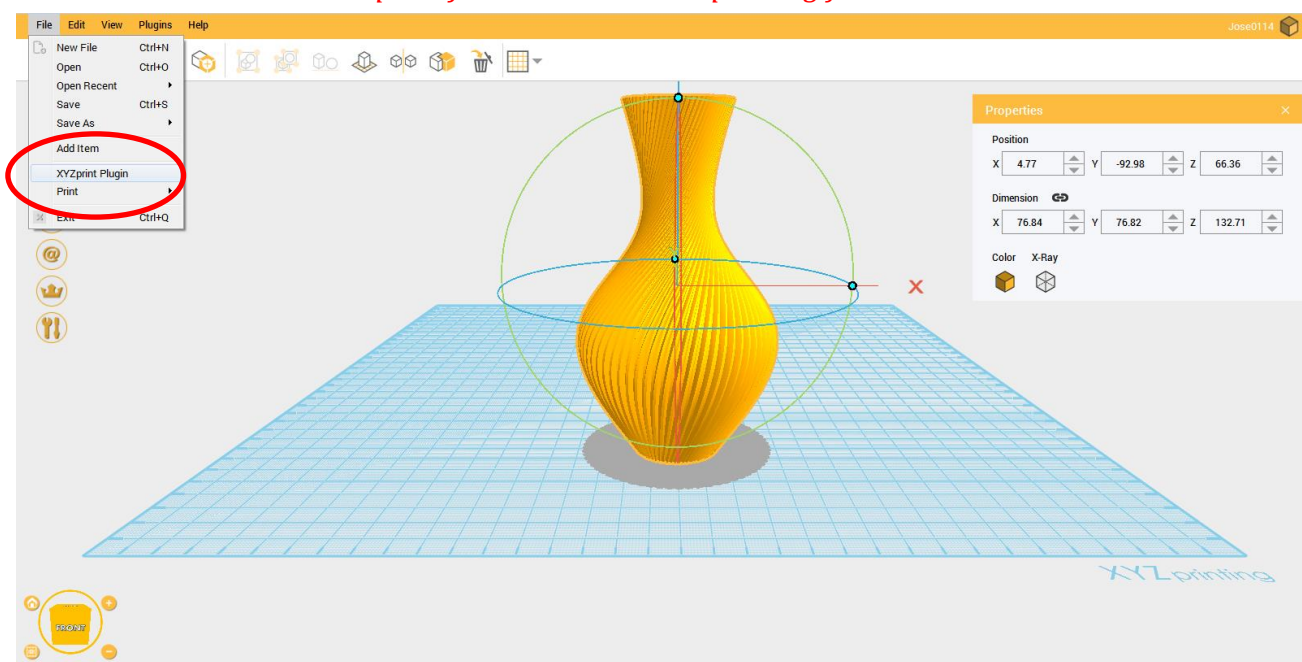
XYZmaker is a 3D modeling application that comes with an intuitive user interface and a wide range of interesting 3D modeling tools and 3D model templates. You can use XYZmaker to do the 3D modeling and print out with XYZprint.

1. Open the XYZmaker and build the model on the operating platform.



2. Click [File] > [XYZprint Plugin] to open the printing software XYZprint.

*Note: Please install the XYZprint first to start the 3D printing function.*





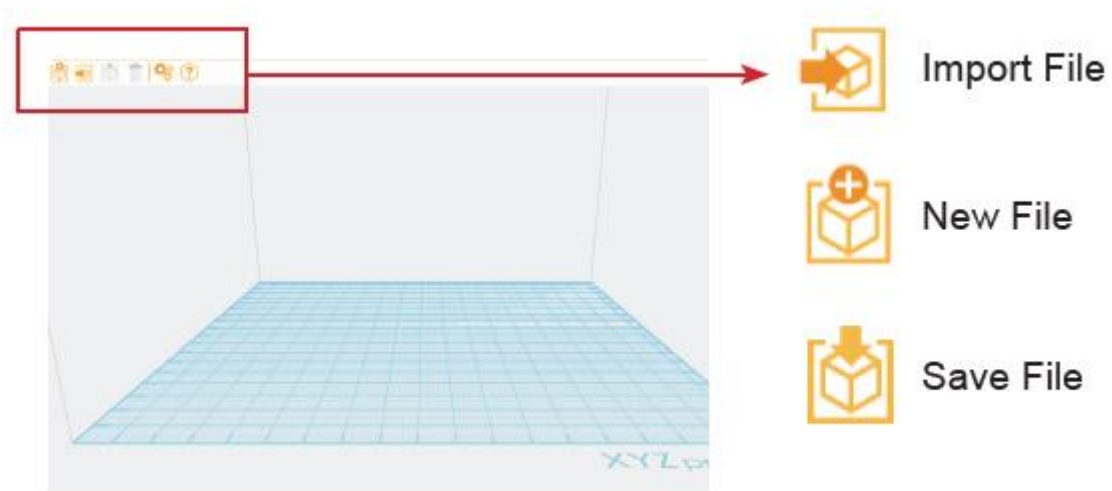


XYZprint is a 3D printing application with fast slicing capability. It lets you preview your 3D models in full color and monitor printing progress in real time.

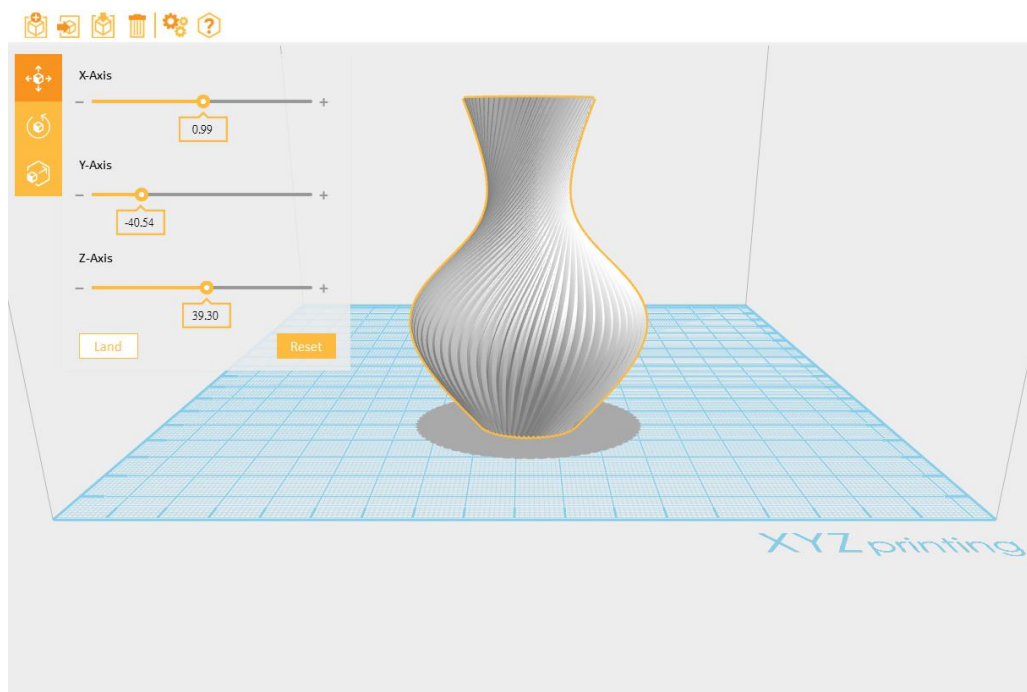
1. Open the XYZprint software and choose DASHBOARD and select the 3D printer that is connected.



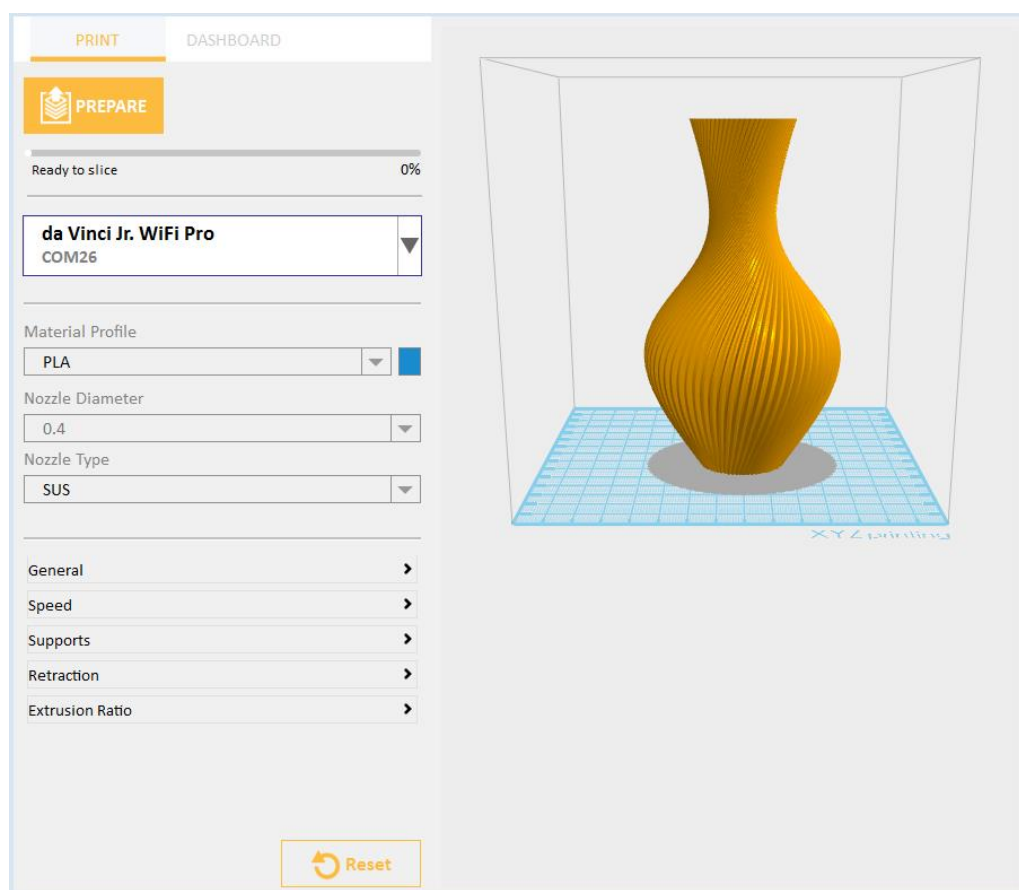
2. Import your favorite 3D files.



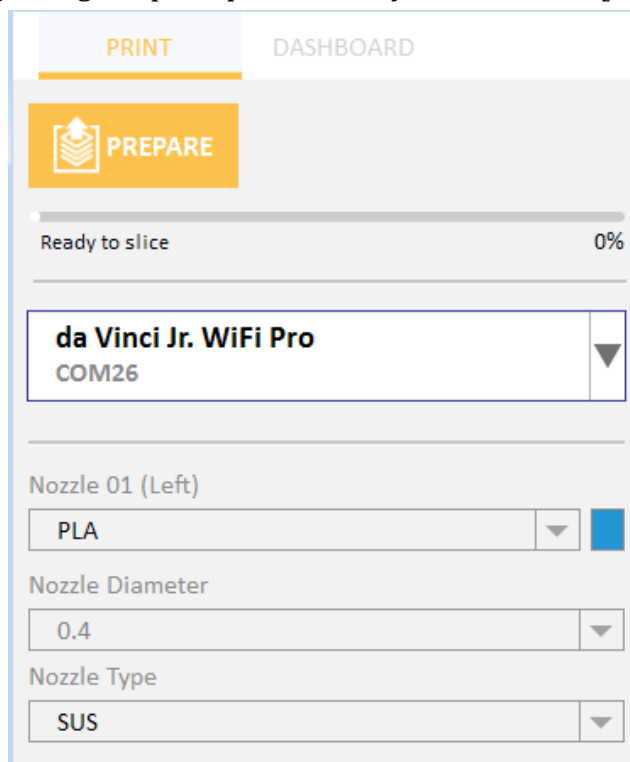
3. Click on the object to adjust the size you want.



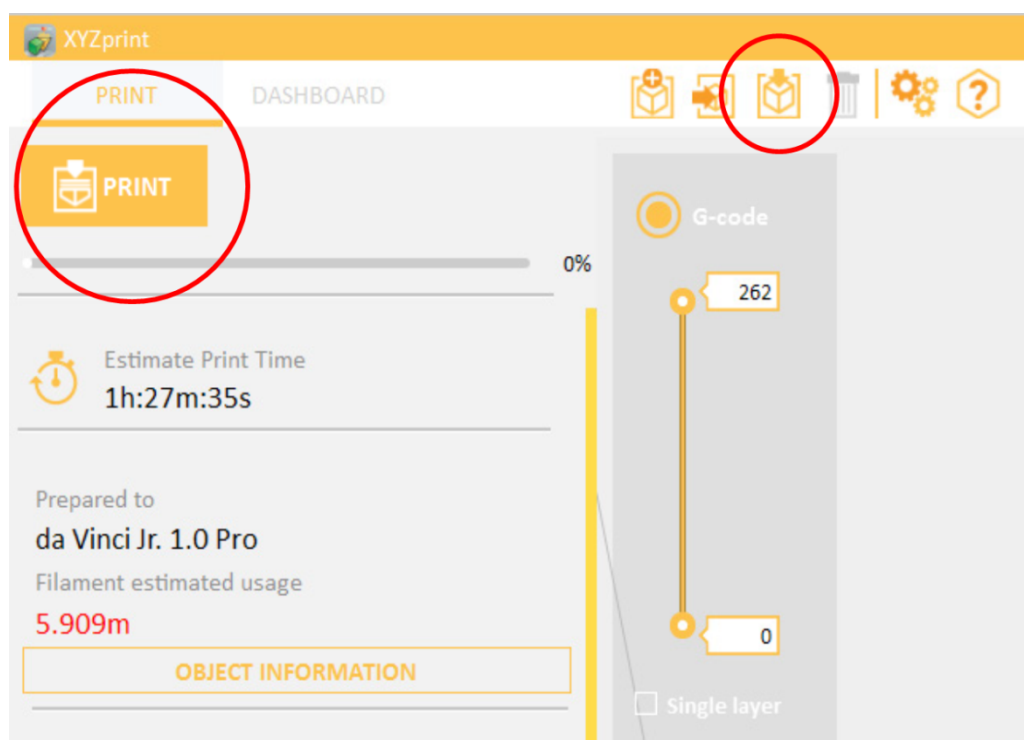
4. In the Print menu, adjust the print parameters.



5. When you're done adjusting the print parameters you need, click [PREPARE].





6. After preparing, please check if the object is a complete model. After the confirmation, you can click [PRINT] or [SAVE].








XYZengraver is an engraving software tool designed for our laser engraver module.

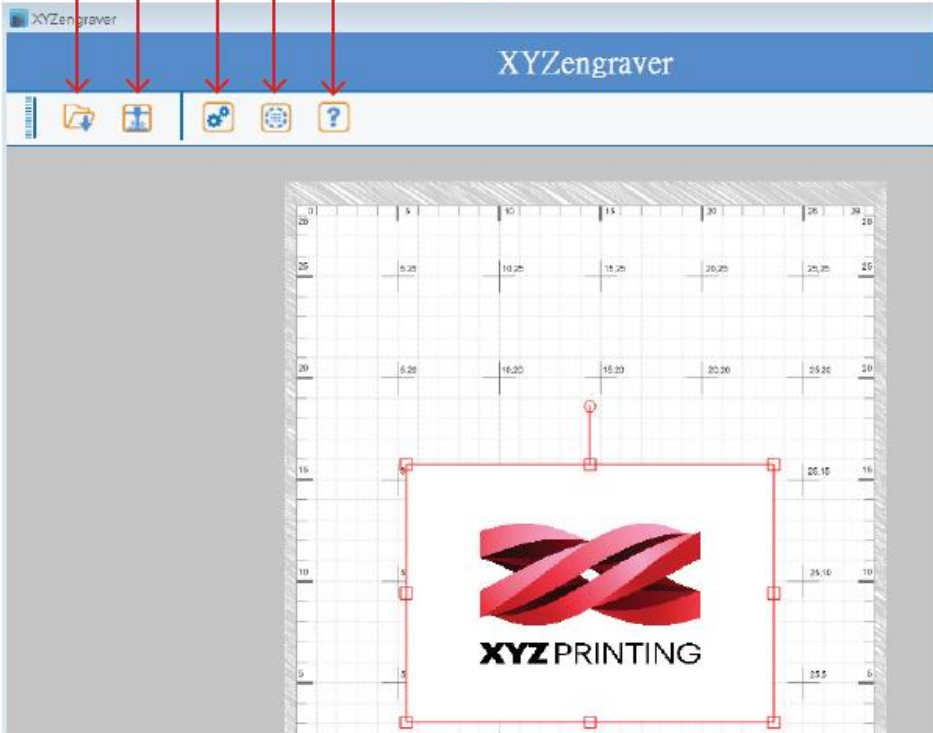
 Select "Import" on the device to select the graphic file you wish to engrave.

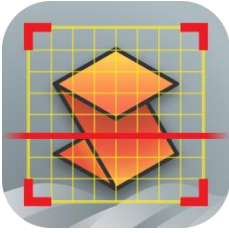
 Once basic editing has been completed, select this "Engrave" icon.

 The setting of "Language" and "Automatic Feedback" (sending the set value of the engraving to XYZprinting).

 Engraving samples.

 Software version info.



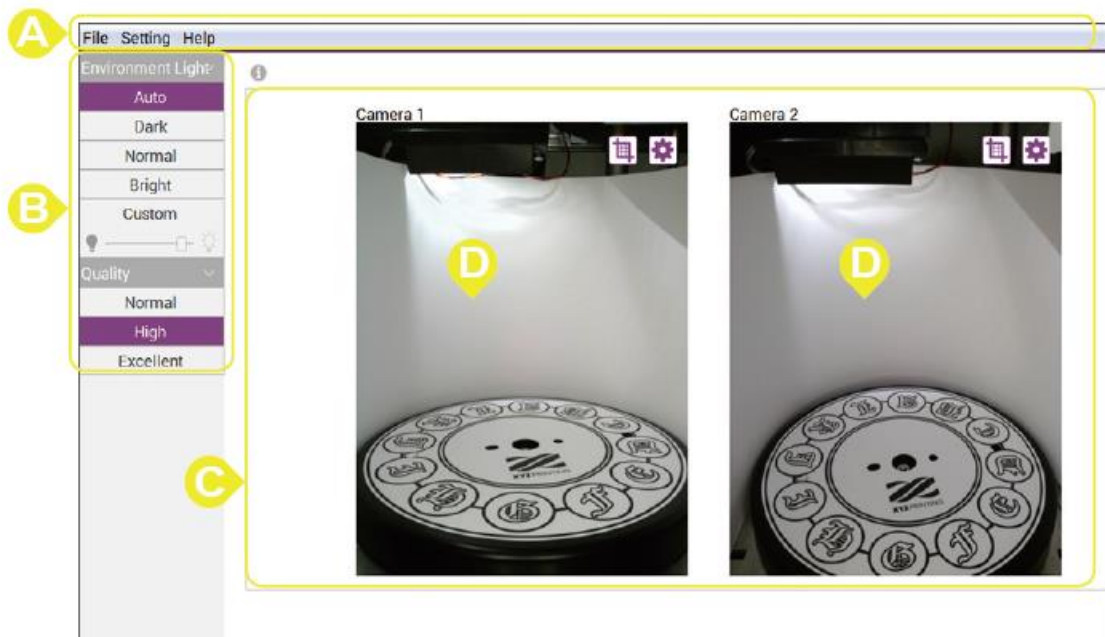


XYZscan Color is the scanning software tool designed to support 360-degree full-color 3D scanning using new 3D scanning technology.

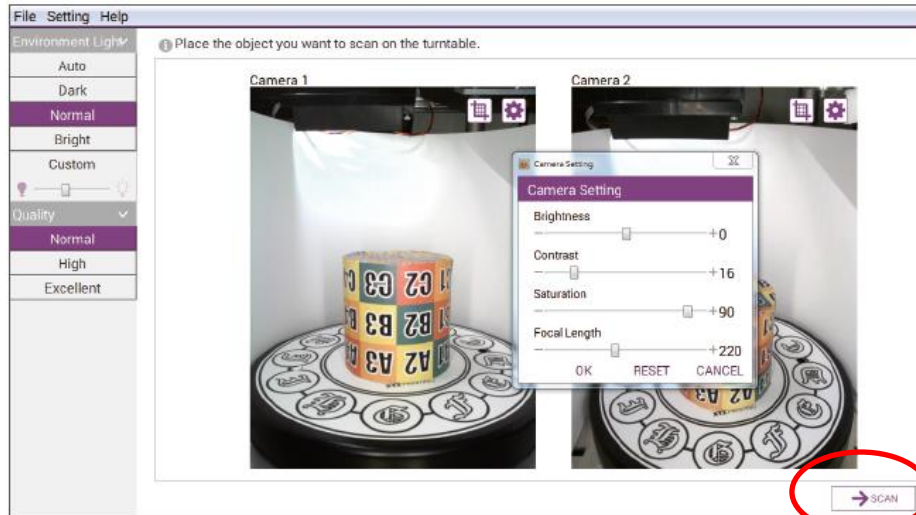
Before you start "XYZscan Color," make sure the scan module and scan backboard are properly installed in your 3D printer, and you are in scan mode by operating the panel. After "XYZscan Color" is started, the main screen is shown.

The "XYZscan Color" main screen consists of the following parts:

- A. Main menu: Save files, perform scanning, and configure system settings. It will also provide the tutorial and membership functions.
- B. Setting area: Set the scan environment and quality.
- C. Operating area: Preview the object in real time and perform scanning.
- D. Preview pane: Display the camera video in real time.



When all are set, click **[SCAN]** at the bottom right corner to start scanning.



When the software starts generating the point cloud and 3D model, you can rotate, zoom in or zoom out using your mouse in the Preview pane to view the scan results.

Click the **[ X ]** button next to the progress bar to cancel scanning.

