

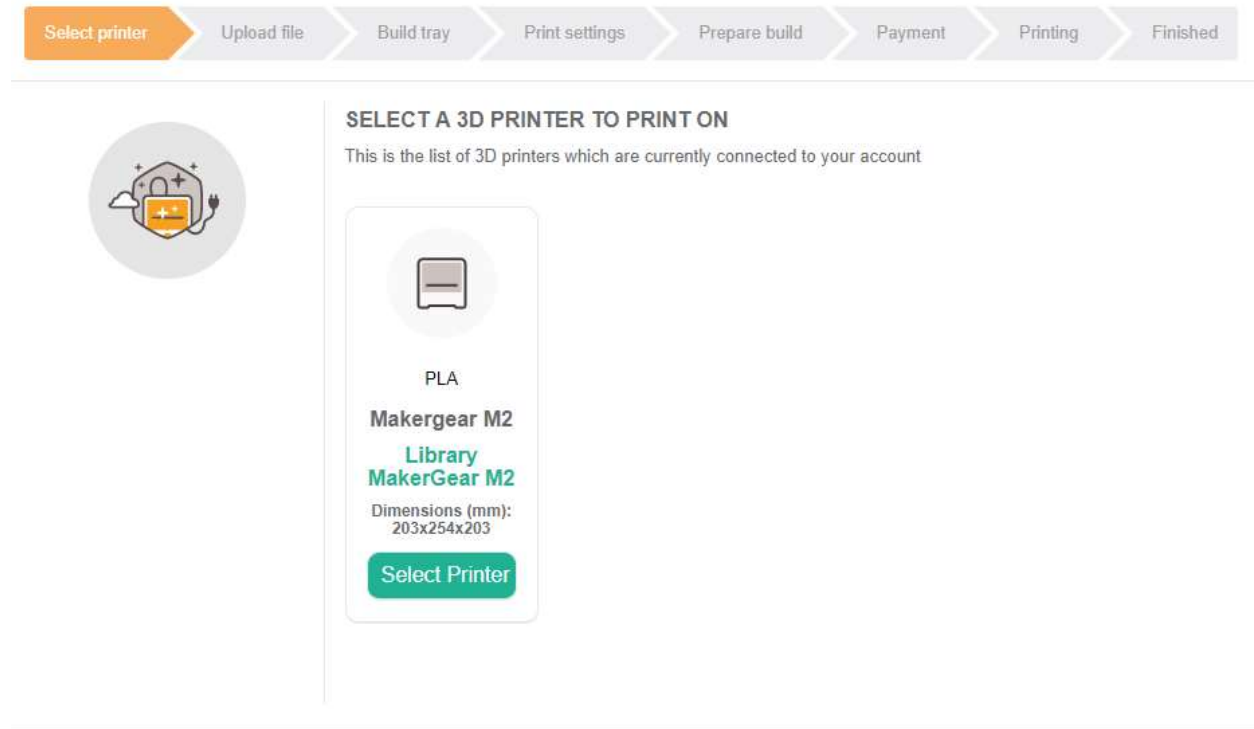
# Quick instructions for the 3d printer

Go to [www.lclibrary.org/3dprinter](http://www.lclibrary.org/3dprinter)

Click on the 3dPrinterOs icon.

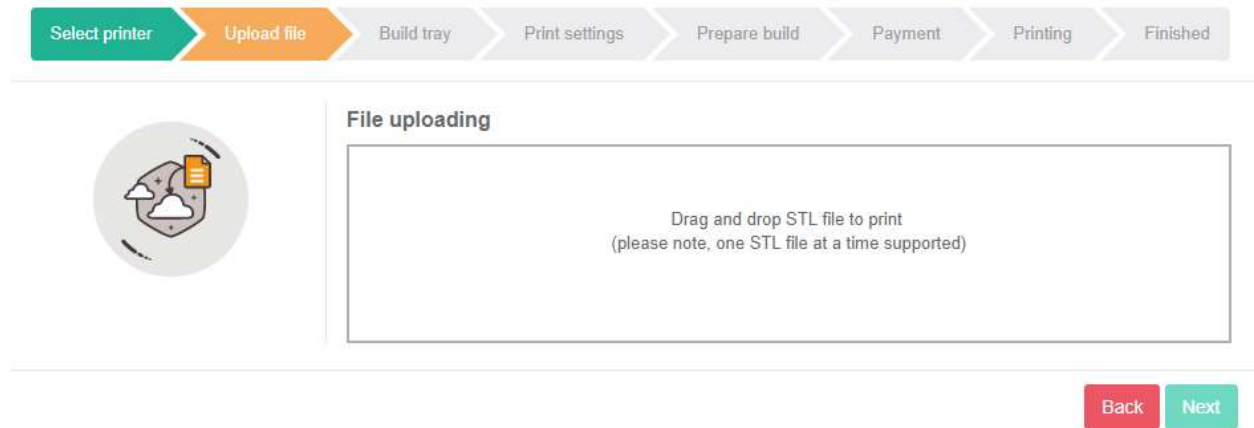
Either log into your account, or create a new account.

Once logged in, you may be asked to choose a printer. If you are, choose the Library MakerGear M2.



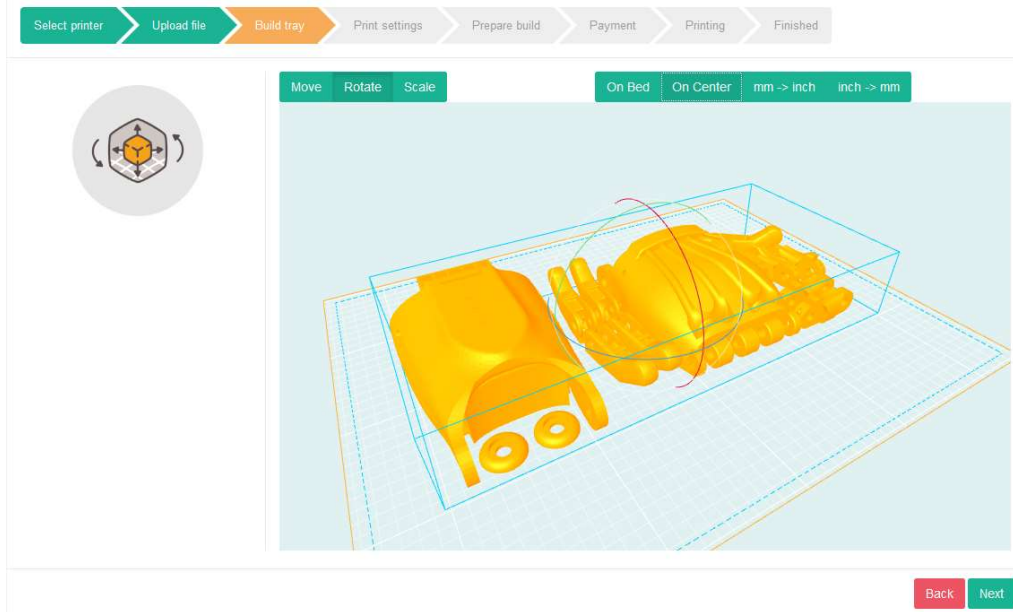
The screenshot shows a progress bar at the top with steps: Select printer (highlighted in orange), Upload file, Build tray, Print settings, Prepare build, Payment, Printing, and Finished. Below the progress bar is a circular icon representing a 3D printer. The main content area is titled "SELECT A 3D PRINTER TO PRINT ON" and includes the text "This is the list of 3D printers which are currently connected to your account". A single printer card is displayed with a printer icon, the text "PLA", "Makergear M2", "Library MakerGear M2", "Dimensions (mm): 203x254x203", and a green "Select Printer" button.

Upload an stl file by dragging and dropping a file into the window.



The screenshot shows a progress bar at the top with steps: Select printer, Upload file (highlighted in orange), Build tray, Print settings, Prepare build, Payment, Printing, and Finished. Below the progress bar is a circular icon representing a 3D printer with a file upload symbol. The main content area is titled "File uploading" and contains a large rectangular box with the text "Drag and drop STL file to print (please note, one STL file at a time supported)". At the bottom right, there are two buttons: "Back" (red) and "Next" (green).

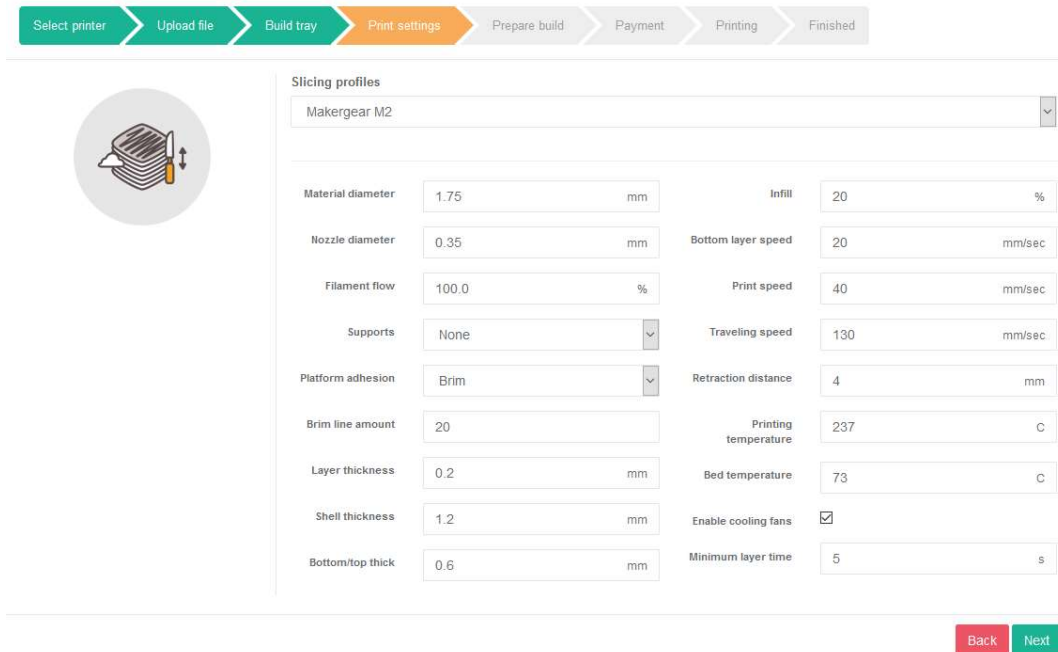
On the next screen the system will display the file on the build platform. Use the move, rotate, and scale options to make sure that the print job will print fine.



The next screen has the settings for the printer. Do not change any of the settings except for:

**Supports:** If your object has overhanging parts, you must select 'everywhere' from the supports menu.

**Infill:** This is how dense the print job will be. The higher the percentage, the denser the object will be, but it will take longer to printer and cost more. 20% is standard.



The system will next prepare your print job, and will move on to the next page when it is done.

The screenshot shows a progress bar at the top with steps: Select printer, Upload file, Build tray, Print settings, Prepare build (highlighted in orange), Payment, Printing, and Finished. Below the progress bar is a circular icon representing a 3D printer. To the right, the text 'Save 3D model changes...' is displayed above three icons: 'Preparing' (a gear), 'Slicing' (a cube), and 'Finishing' (a printer).

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The next page asks for your full name and phone number. It will also display the details of your print job including the cost on the left side.

The screenshot shows a progress bar at the top with steps: Select printer, Upload file, Build tray, Print settings, Prepare build, Payment (highlighted in orange), Printing, and Finished. On the left, there is a 3D model of a yellow object. Below the model, the following details are listed: Material volume: 123.0623 cm<sup>3</sup>, Material weight: 119.83 g, Material price: 0.1 \$/g, Printing time: 11:25:19, Machine hire: 0 \$/h, Processing fee: 0\$, and Total: 11.98\$. On the right, there is a form titled 'Order Details' with fields for 'Full Name', 'Phone Number', and a 'Comment' text area. A blue 'Submit' button is located at the bottom of the form.

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After you submit that information, you will receive a confirmation page that provides you with some information.

At this point, your job will be placed in the queue, and you will receive another email from the library to receive the payment. Once you get that email, you must come into the library and pay for your print job before it will be printed.

Once payment is made, the job will print, and you will receive an email from the system when it is complete.