printrbot

2. Getting Started with Cura on Your Printrbot Plus

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Step 1 — 2. Getting Started with Cura on Your Printrbot Plus



- Mac OS X Users: <u>Click here</u> to download Cura 15.04
- Windows Users: <u>Click here</u> to download Cura 15.04
 - WINDOWS 8.1 USERS: Microsoft has released signed drivers to recognize your Printrbot.
 - For other versions of Windows, download the required USB driver from

http://pjrc.com/teensy/serial_insta II.ex..., right click on it and "Run as Administrator" to install the INF file.

- Windows 8 users if you are still having trouble, <u>click here</u>.
- Take a moment to disable the "sleep" settings on your computer. This will help you to avoid frustration later on. If your computer goes to sleep while printing via USB connection, the print will halt and fail.
- Although Cura Version 15.06 has been released, this version is not currently available with default settings for Printrbot.

Step 2



• Depending on when your Printrbot was manufactured, you may have a 4-pin or 6-pin power connector on your Plus. Find the matching connector on your ATX power supply and plug it into the harness on the bot.

CAUTION: DO NOT FORCE a 4-pin connector into a 6-pin harness or vice versa.

- ✔ UK/EU users, check the voltage on your ATX power supply. If you are in Europe, your voltage switch should be set at 230v.
- Connect the micro-USB cable to the USB port on your Printrbot, and then the opposite end into the USB port on your computer.

Step 3 — CONFIGURATION WIZARD



- After downloading Cura, open the program to begin the Configuration Wizard.
- Select your machine: Printrbot
- Printrbot Selection: Metal Plus
- After completing the Setup Wizard, open "Machine Settings" under the "Machine" tab.
- Select "Heated Bed"

Step 4 — SELECT PRONTERFACE UI

Cura File Tools Machine Expert Help Load model file %L Save model %S Reload platform Clear platform	Proferences	O Preferences
Layer hein Print #P Shell thic Save GCode Enable re Bottom// Open Profile Save Profile Save Profile to default Speed and Print spect Profile to default Speed and Print spect Profile to default Speed and Print spect Profile The State S	Print window Filament settings Printing window type Basic v Colours Easic Pronterface UI Cost (price/kg) Model colour Cost (price/kg) Language English Language English Volte Ok	Print window Filament settings Printing window type Pronterface UI Density (kg/m3) 1240 Colours Cost (price/kg) 0 Model colour Cost (price/kg) 0 Language English V Language English V Ok Ok

- Select "Preferences" under "File".
- Change "Printing widow type" in Preferences from Basic to Pronterface UI. Then click "Ok".

Step 5 — LOAD CURA PROFILE



- <u>Click here</u> to download the "Simple.Plus.Getting Started Profile". This ini file will configure your print settings. These settings are approved by Printrbot as a great starting point for all users.
 - This ini file is also available in the Downloads section of the Printrbot Knowledge Base at printrbot.zendesk.com.
- Once the profile has been downloaded, load the "Simple.Plus.Getting Started.ini" into Cura by selecting File/Open Profile. Open the ini file from your hard drive.
- **NOTE:** This profile will need to be reloaded every time that you update Cura software.

Step 6 — NEXT STEPS



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• Great job!

- NEXT STEPS:
- Click here to follow the next guide; "Using Cura to Set Up Your Auto-Leveling Probe and Create Your First Print".
- Your Printrbot will not function properly if you fail to calibrate the Auto-Leveling Probe.