Slic3r installation guide

Welcome! We would like to guide you through the process of installing Slic3r - the software which generates g-code files, which are recognized by the 3D Printer to create shapes. Good luck!

 Go to <u>https://www.3dbyflow.com/support#installation</u> and Select 'Install 64 bit' or 'Install 32bit', depending on your computer ('64 bit' is the most common option)



2. After you click on the link, download the file by clicking the button in the top right corner

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3. Click on the downloaded file in the bottom left corner (method shown for Google Chrome browser. Works similarly for different browsers)



4. Click Extract All and save the Slic3r on your computer by clicking Browse and selecting the destination e.g. on Desktop

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5. Open Slic3r by double clicking on the Slic3r folder and select Slic3r (if you have a security popup, press Run – the software is safe for your computer)







6. Once you open the Slic3r, it will guide you to Configuration Wizard. Press Cancel.

	Welcome to the Slic3r Configuration Wizard
Velcome Firmware Type Bed Size Nozzle Diameter Filament Diameter Staturusion Temperature Sed Temperature Finish	Hello, welcome to Slic3r! This wizard helps you with the initial configuration; just a few settings and you will be ready to print. To import an existing configuration instead, cancel this wizard and use the Open Config menu item found in the File menu. To continue, click Next.
	< Back Next > Cancel

7. Go to File->Preferences->Mode and Switch to Expert. Restart the Slic3r to save changes.



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	Preferences X
	General
	Mode: Expert ~
	Check for updates:
	Remember output directory:
	Auto-center parts:
	Background processing:
	OK Cancel

8. In order to prepare a printing file of your 3D model, you need specific settings such as speed or resolution. Those settings are included in a so called 'Config file', which is available on our website. There are different config files, depending on your nozzle colour (size) and applications. Click on the green box to download (in case of a safety popup, confirm to download)





 b. Olive green – the largest nozzle for quick prints, suitable for shapes without small details



c. Bright green – very small nozzle for detailed shapes e.g. faces



d. **Grey nozzle** – Suitable for higher, thin wall shapes e.g. hollow vases. Thick materials required e.g. marzipan, chocolate, ganache, royal icing



e. **Grey nozzle** – Suitable for complex 3D shapes e.g. figures, 3D scanned faces



f. Filament 3D Printing – For the use of separate printhead for plastics



9. In order to load the aforementioned Config file, go to File -> Load Config and select the downloaded file (it's probably in the Downloads folder)

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Quit			1 U

10. In order to save the settings without the necessity to open them every time you start Slic3r, go to tabs on top of the screen: Print, Filament, Printer settings, then press the Disc symbol and Click OK

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onfig_grey_nozzle_logc ~	0.8 mm
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Support config_grey_nozzle_logo	1 (minimum)
Output options Notes Spiral vase:	

11. You are ready to load your 3D model. Press Add and select your .stl file (.stl is a format for 3D models). You will see the shape positioned on a grey grid, which corresponds to the printing platform. On bottom right you can see the size of your model (click on the model first). You can adjust the size by clicking Scale on top.



12. Press Preview on the bottom of the screen to see the visualisation of the print. You see the lines which will be 'drawn' by the nozzle of the 3D Food Printer. If you see all details of your model, press Export G-code on top right. Otherwise scale your model or use smaller nozzle for better resolution.



13. In order to send your 3d file (G-code) to the 3D Printer, turn the printer on and connect to the wifi of the printer. Password: withflow

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14. Go to your browser (do not use Internet Explorer or Opera. Recommended: Google Chrome, Safari, Firefox), type as address <u>http://192.168.0.1</u> and press Enter. The website of the Focus 3D Food Printer will open. As soon as you see the byFlow logo on the left side, press Next and upload your G-code to the printer

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	FILE MAN	AGER		
	CHOOSE G-CODE FILE			
FILENAME	ACTION	MULTI-	SELECT	DELETE SELECTED FILES
911_first	DELETE			
roze2-greynozzle	DELETE			

15. Congratulations! Your file is on the 3D Printer, so it's ready to print!