

LabMaker

Impressão 3D nas escolas

Fatiadores

Introdução

FATIADORES

01

PRUSA SLICER

https://www.prusa3d.com/page/prusaslicer_424/

02

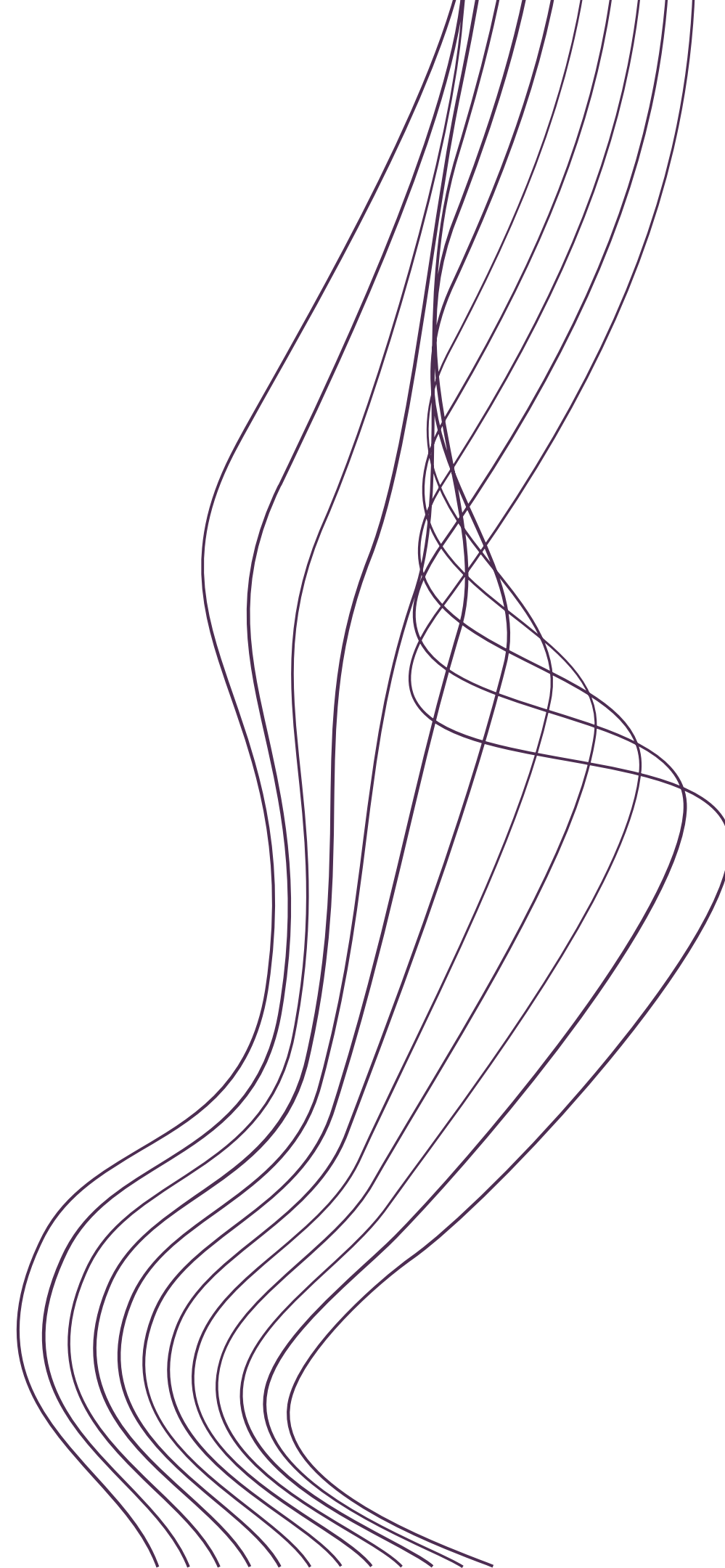
ULTIMAKER CURA

<https://ultimaker.com/software/ultimaker-cura>

03

CREALITY SLICER

*Baixamos o arquivo na extensão .gcode



ULTIMAKER CURA

Ultimaker 3D printers **Software** Materials Applications Learn Support Careers

Request a quote



Ultimaker > Software > Ultimaker Cura: Powerful, easy-to-use ...

Ultimaker Cura

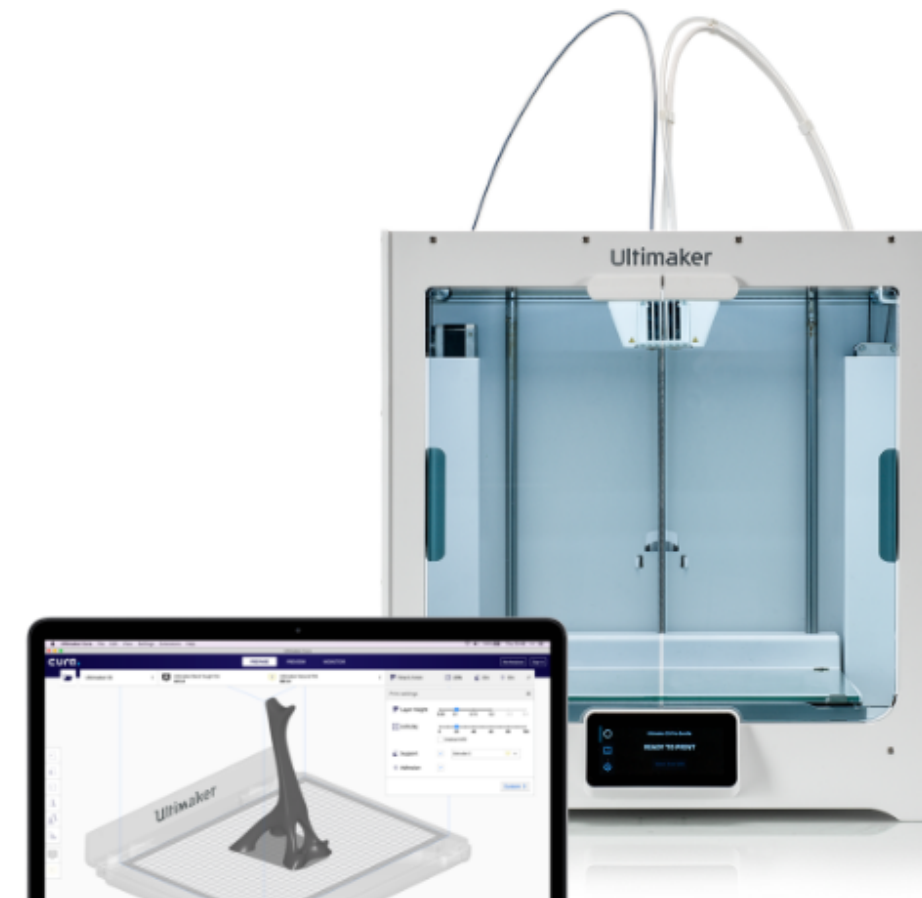
Trusted by millions of users, Ultimaker Cura is the world's most popular 3D printing software. Prepare prints with a few clicks, integrate with CAD software for an easier workflow, or dive into custom settings for in-depth control.



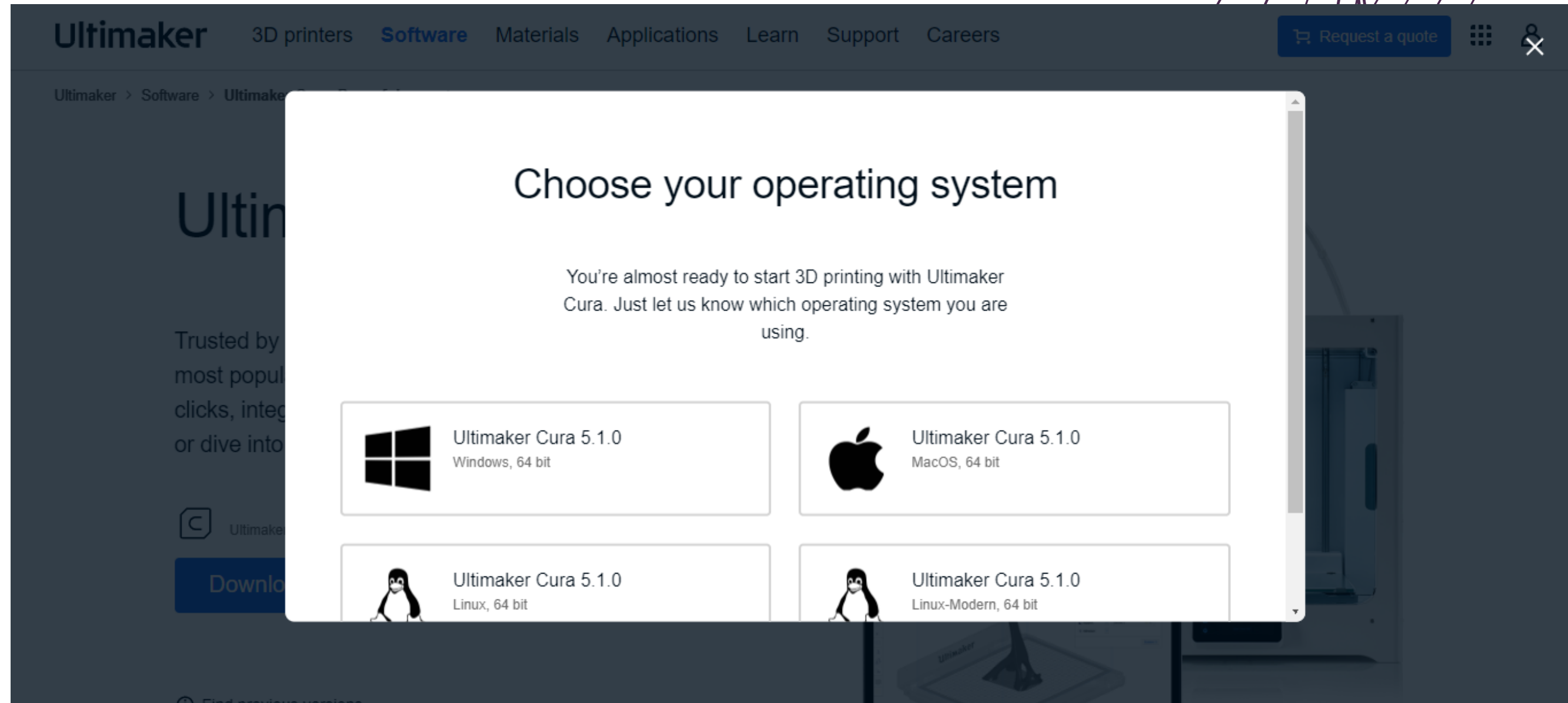
Download for free

Own an Ultimaker?

Find previous versions



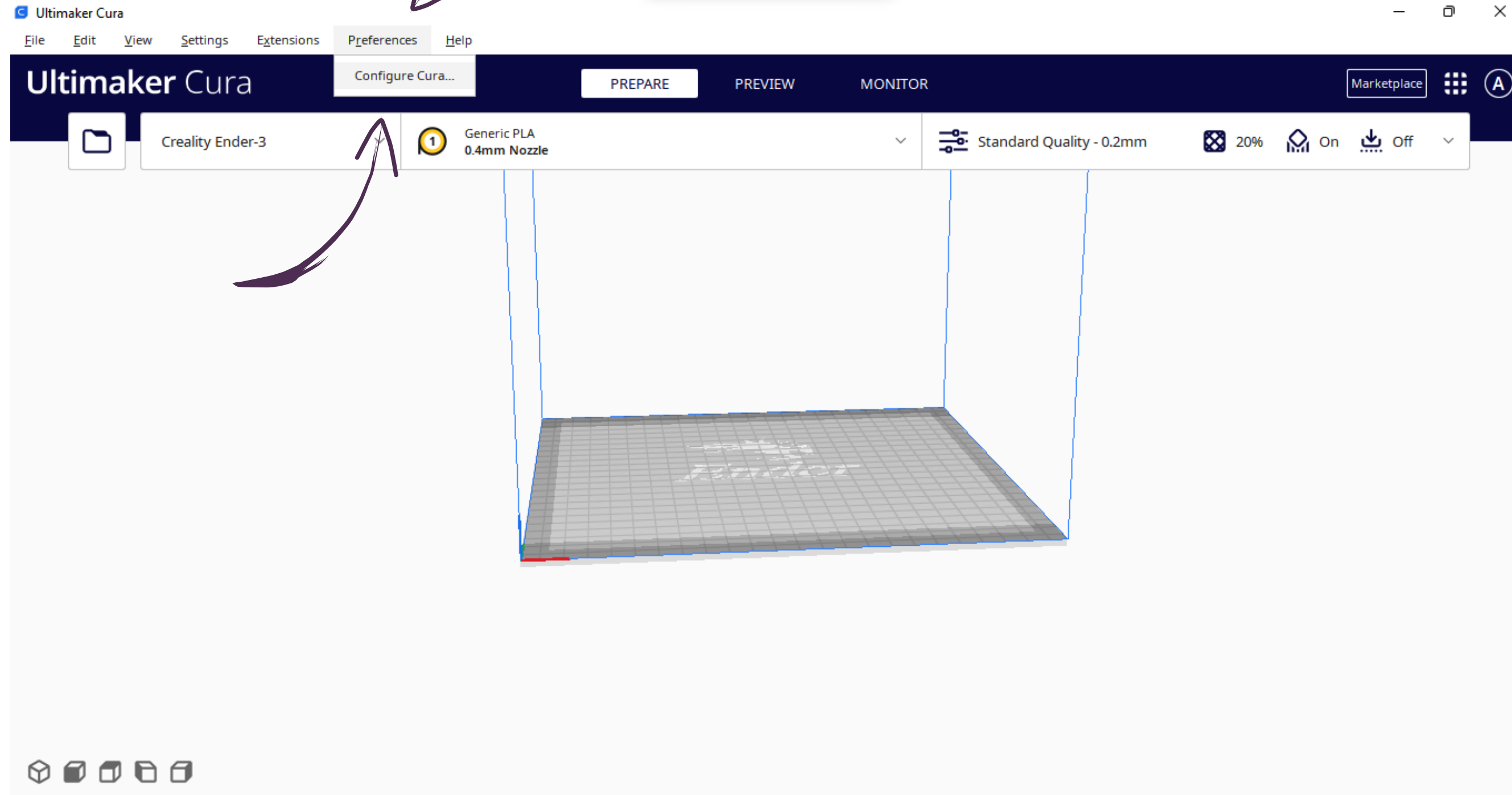
ULTIMAKER CURA



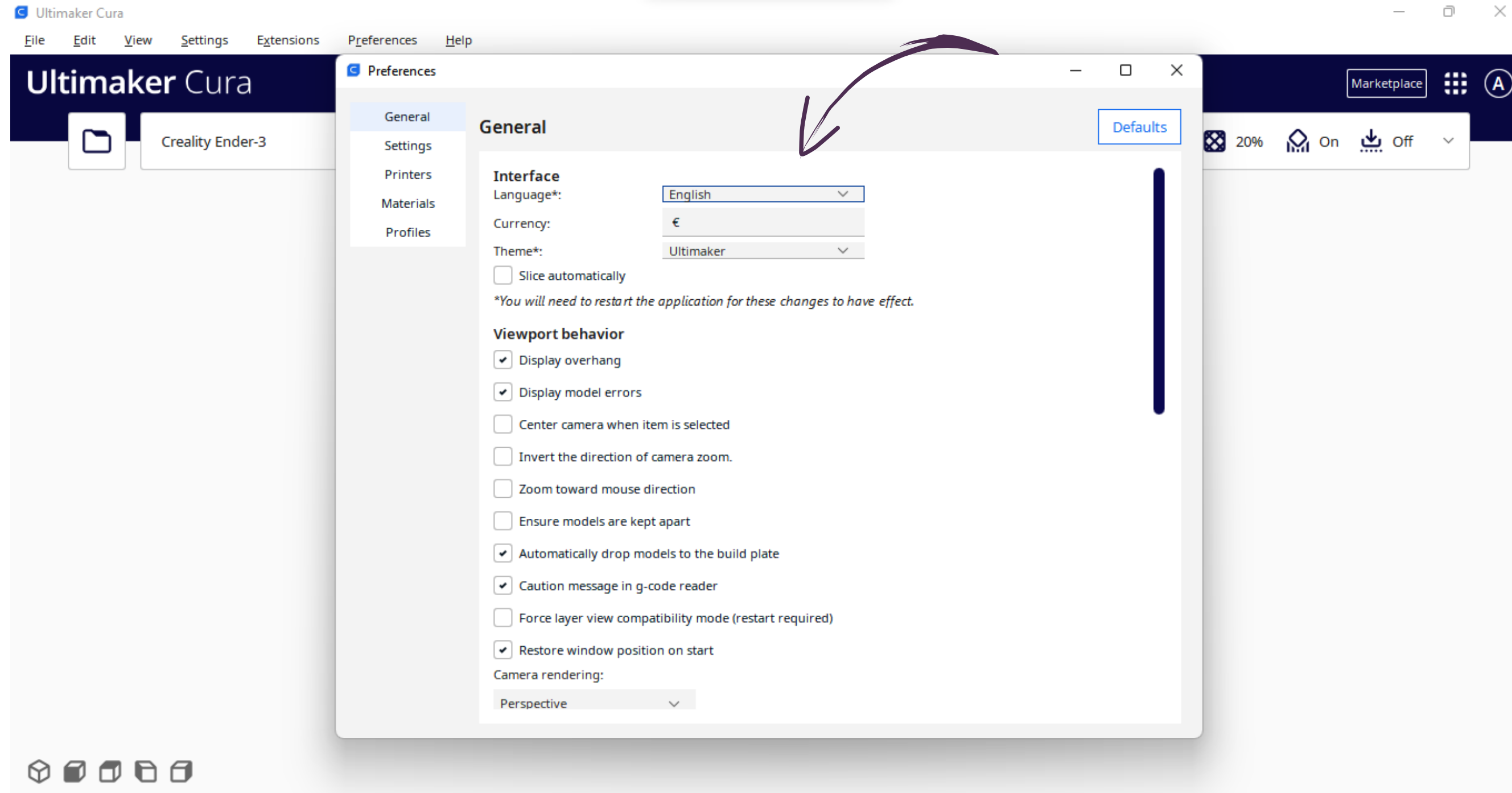
The screenshot shows the Ultimaker website's navigation bar with links for 3D printers, Software, Materials, Applications, Learn, Support, and Careers. A 'Request a quote' button is visible in the top right. The main content area features a modal dialog titled 'Choose your operating system'. The dialog text reads: 'You're almost ready to start 3D printing with Ultimaker Cura. Just let us know which operating system you are using.' Below this text are four selection options, each with an OS icon and version information:

Operating System	Version
Windows, 64 bit	Ultimaker Cura 5.1.0
MacOS, 64 bit	Ultimaker Cura 5.1.0
Linux, 64 bit	Ultimaker Cura 5.1.0
Linux-Modern, 64 bit	Ultimaker Cura 5.1.0

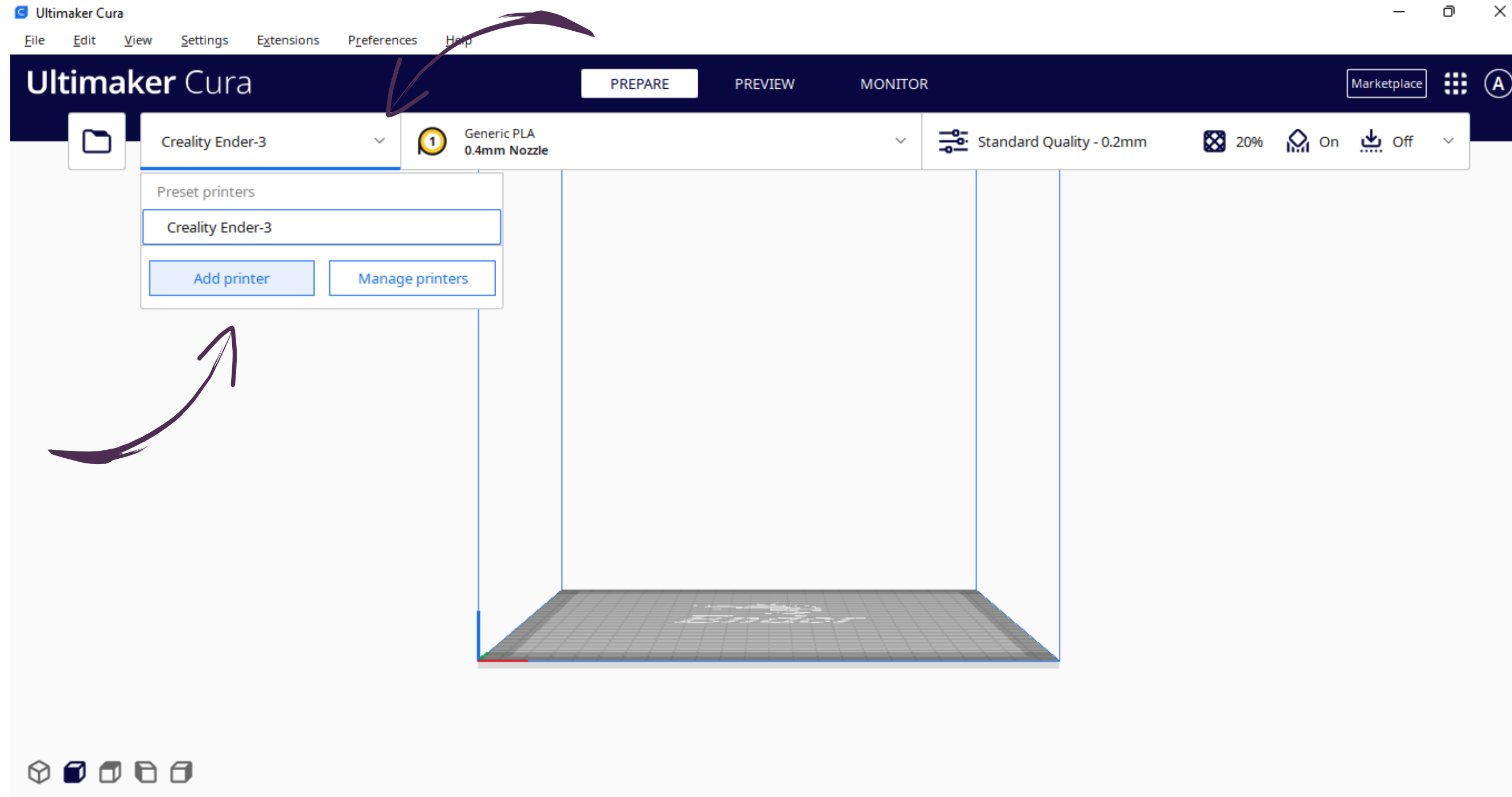
ULTIMAKER CURA



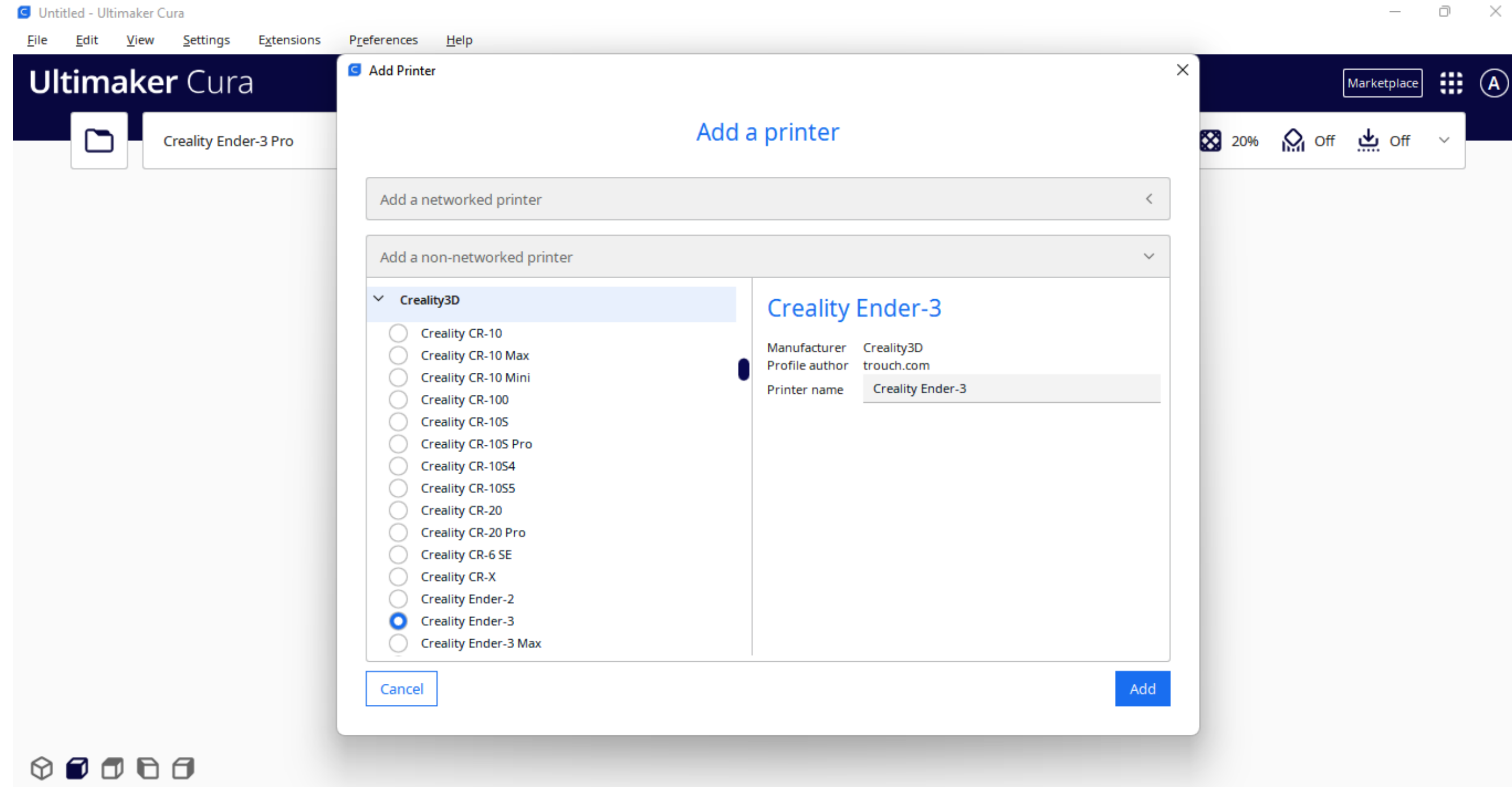
ULTIMAKER CURA



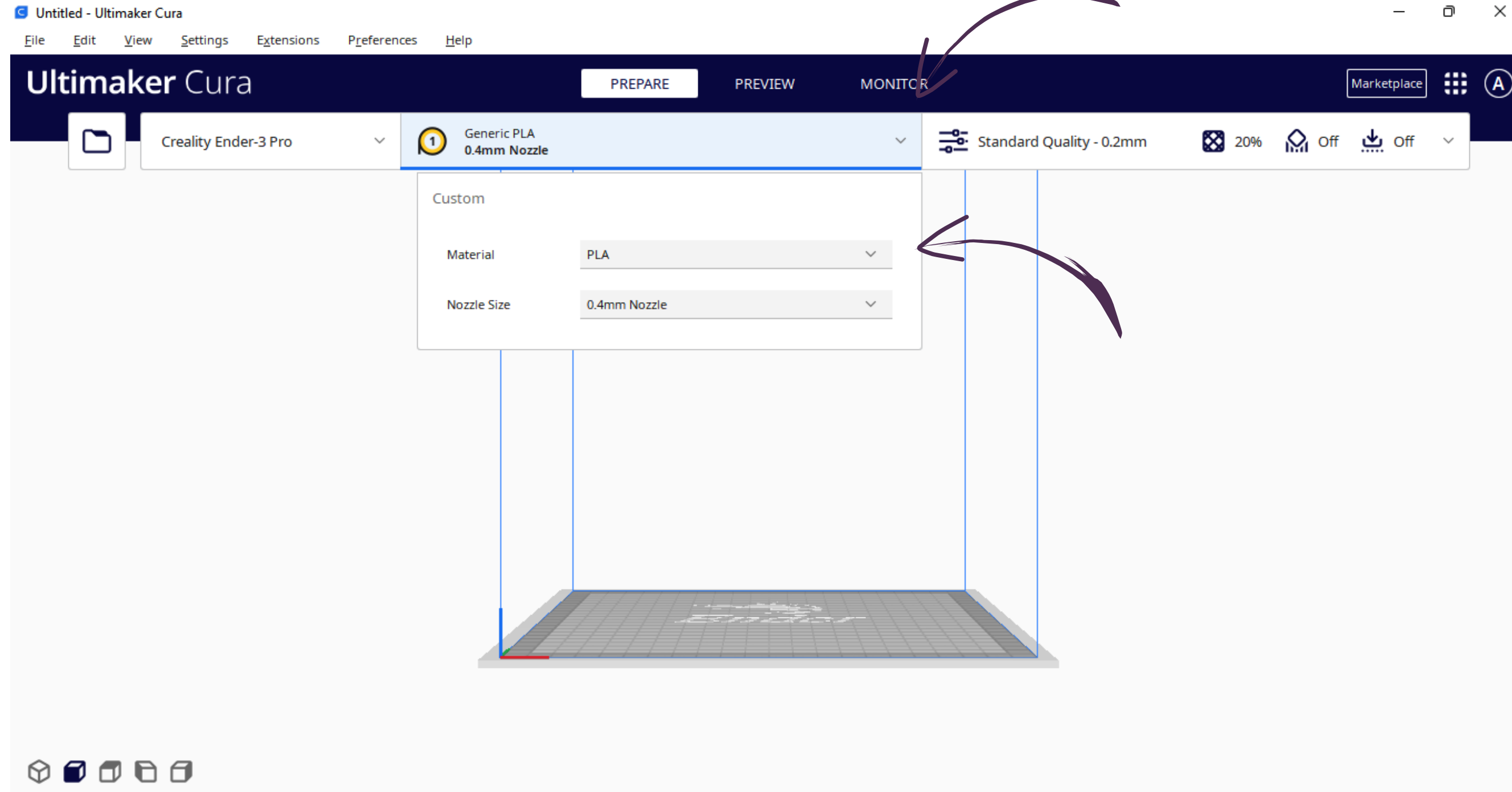
ULTIMAKER CURA



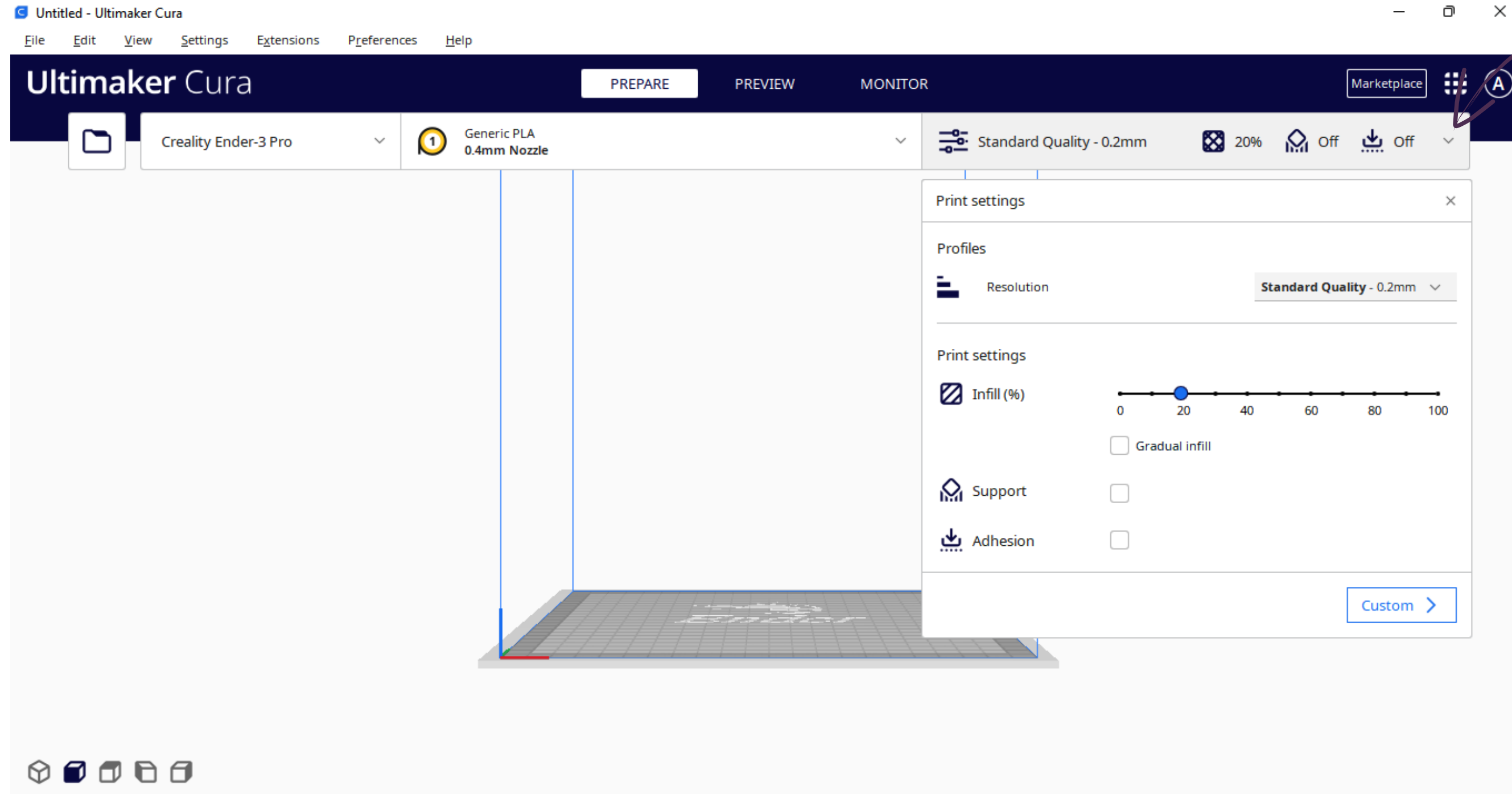
ULTIMAKER CURA



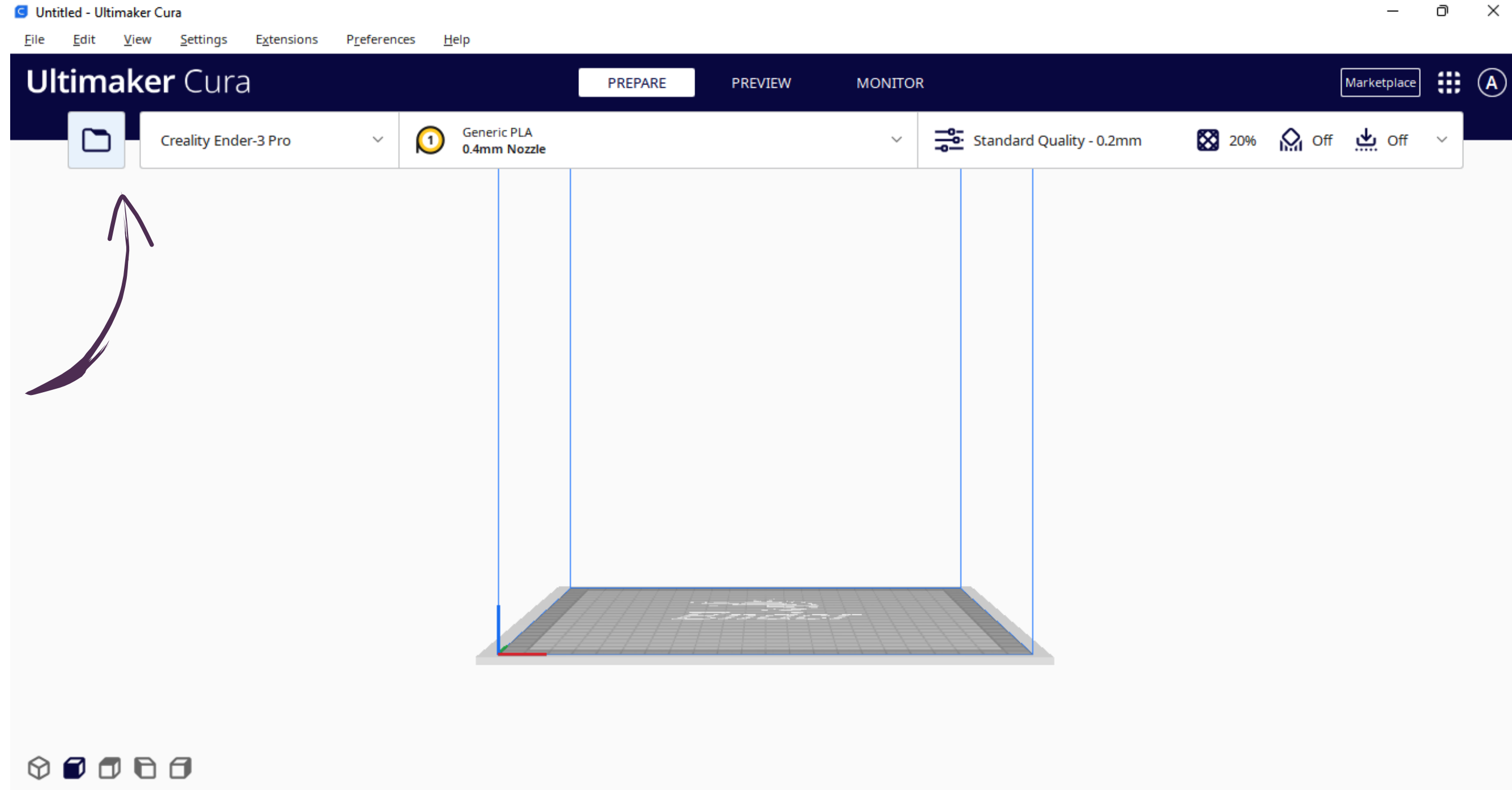
ULTIMAKER CURA



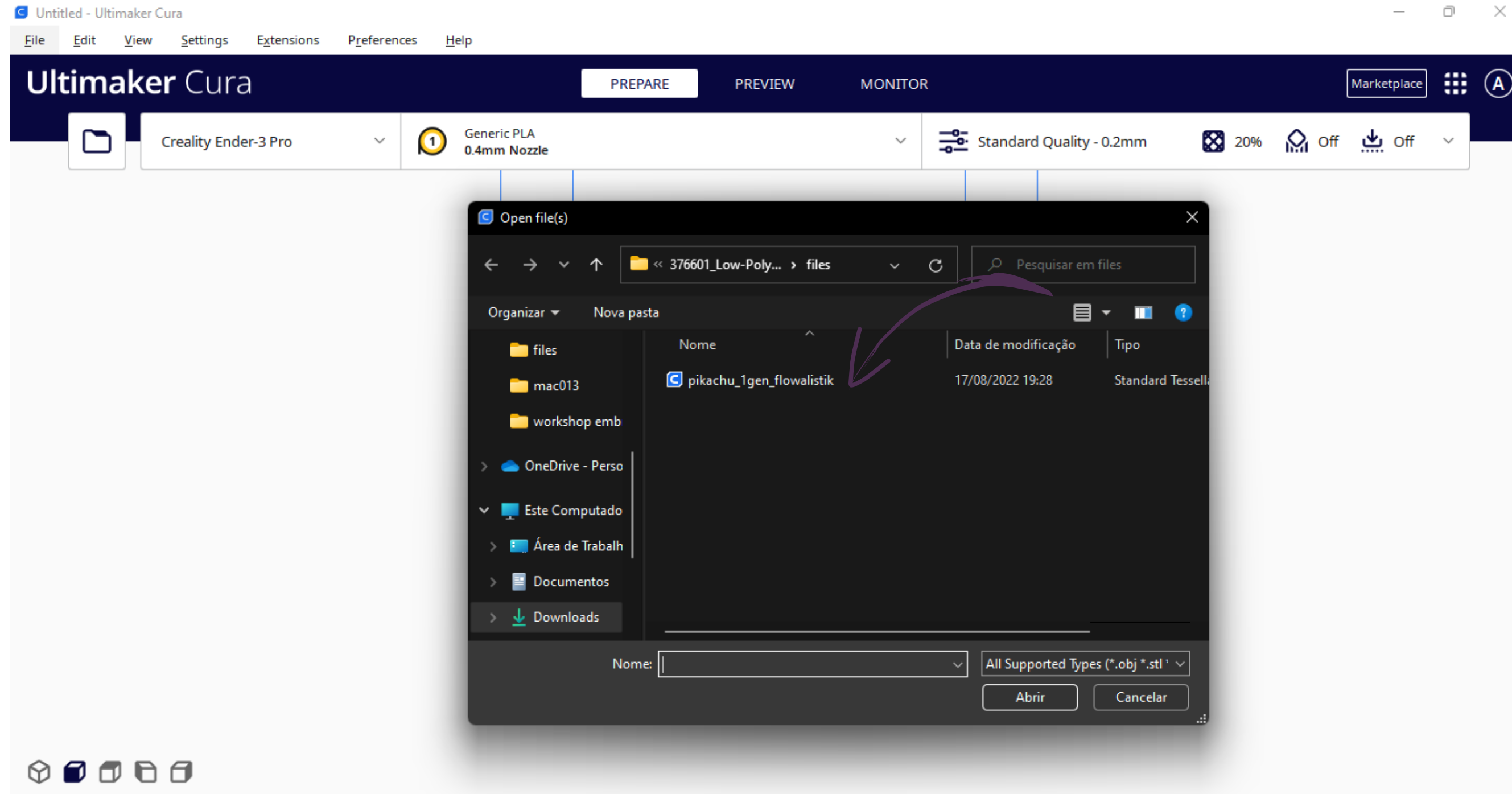
ULTIMAKER CURA



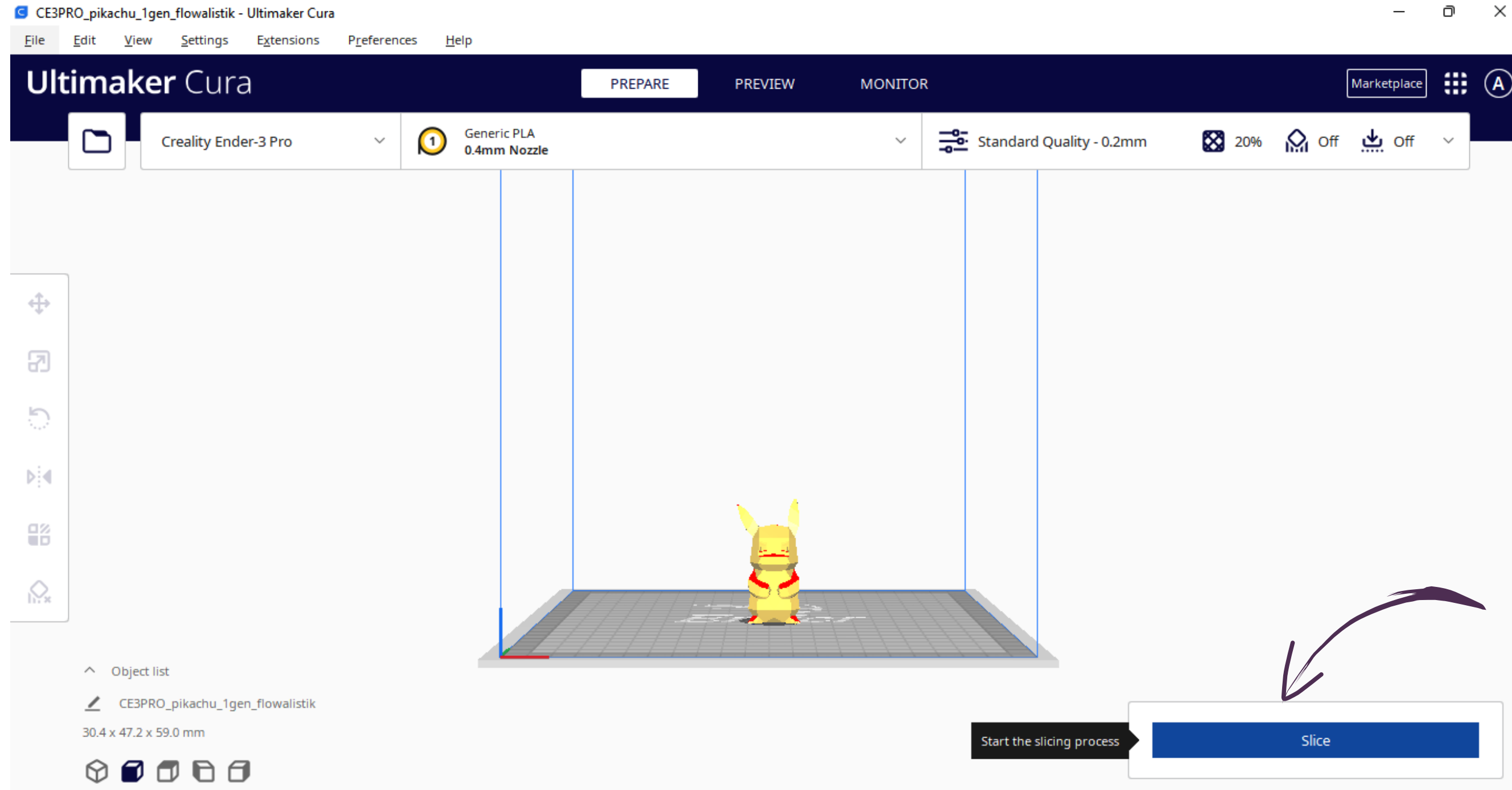
ULTIMAKER CURA



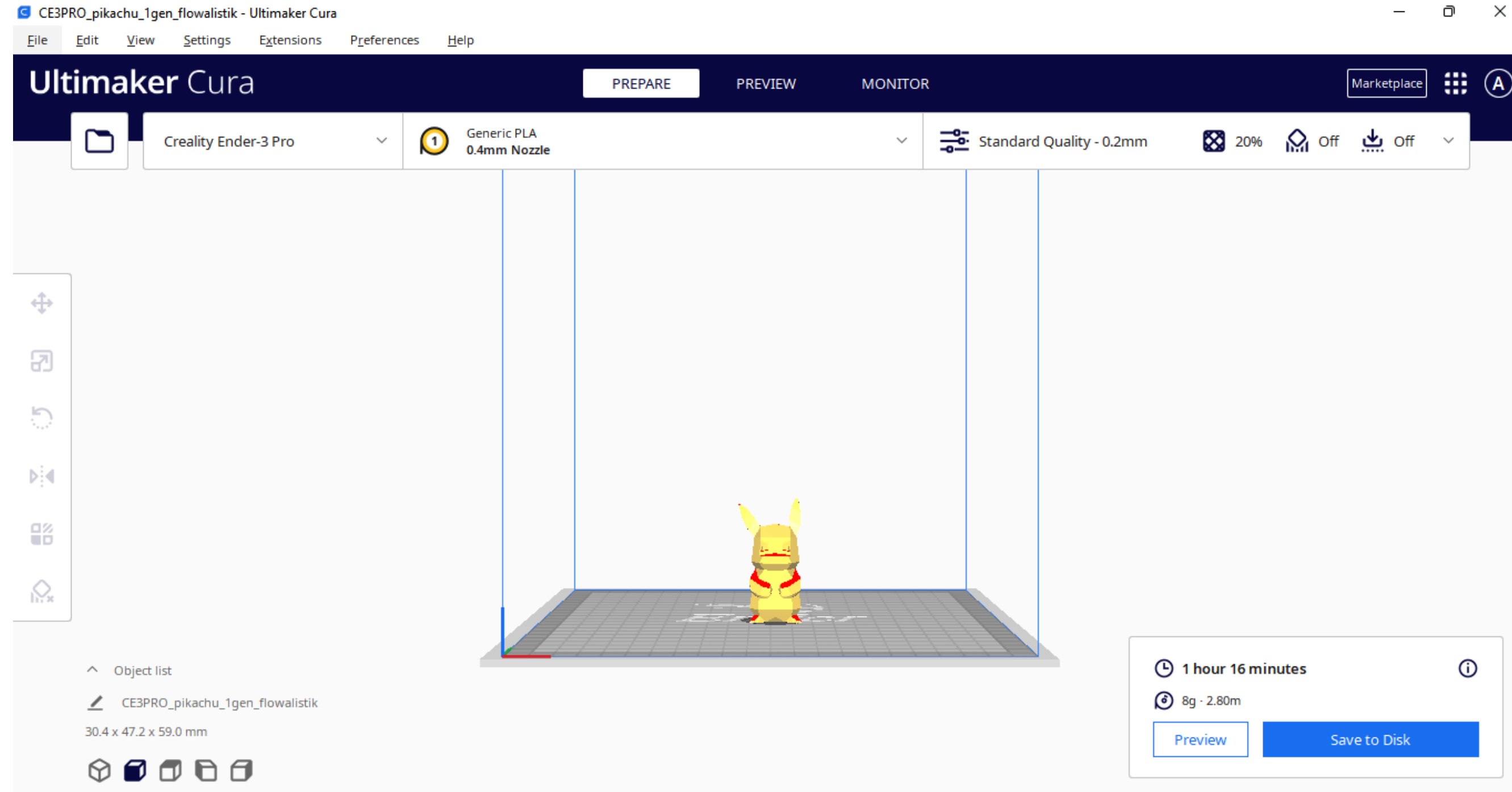
ULTIMAKER CURA



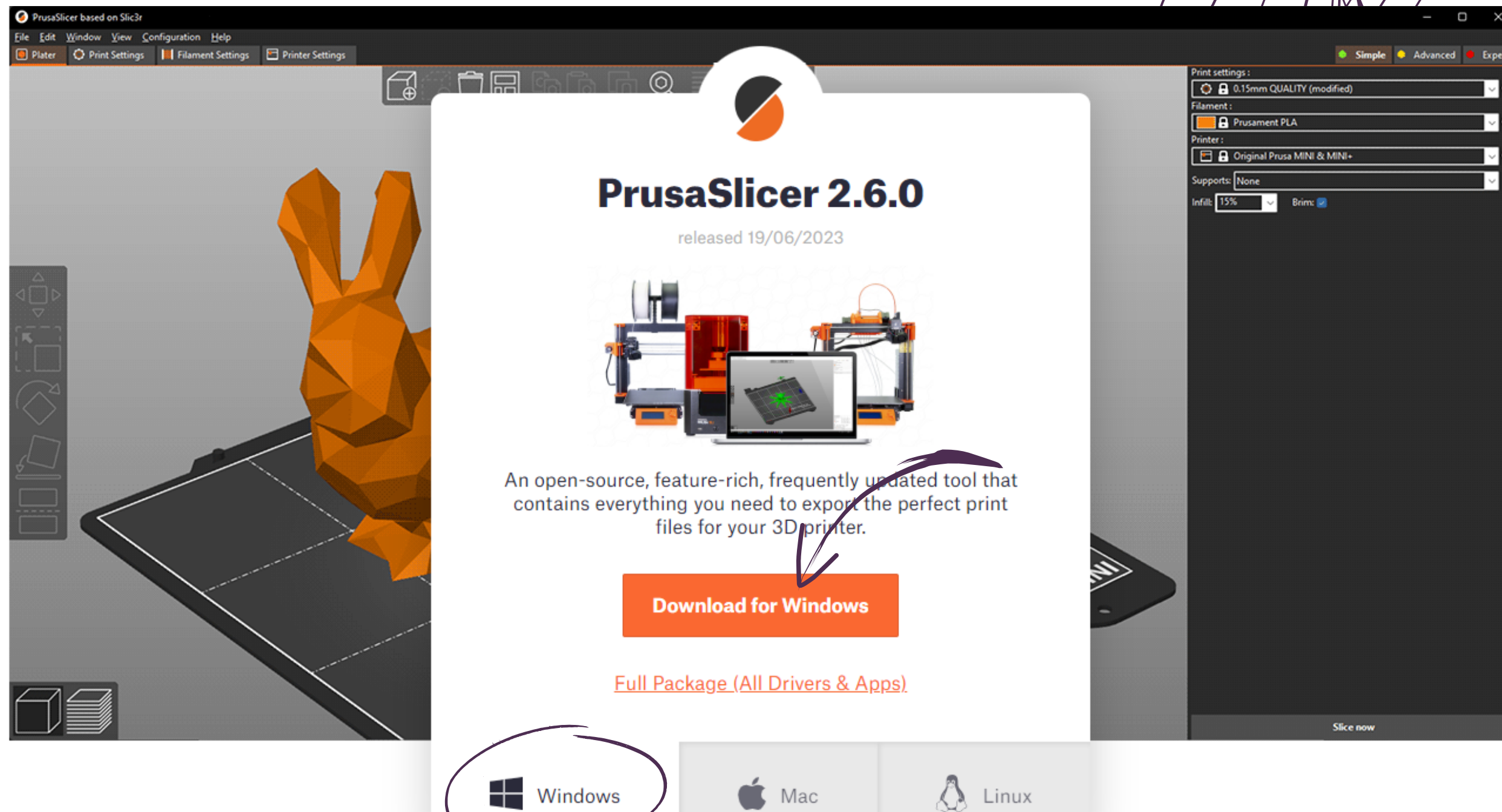
ULTIMAKER CURA



ULTIMAKER CURA

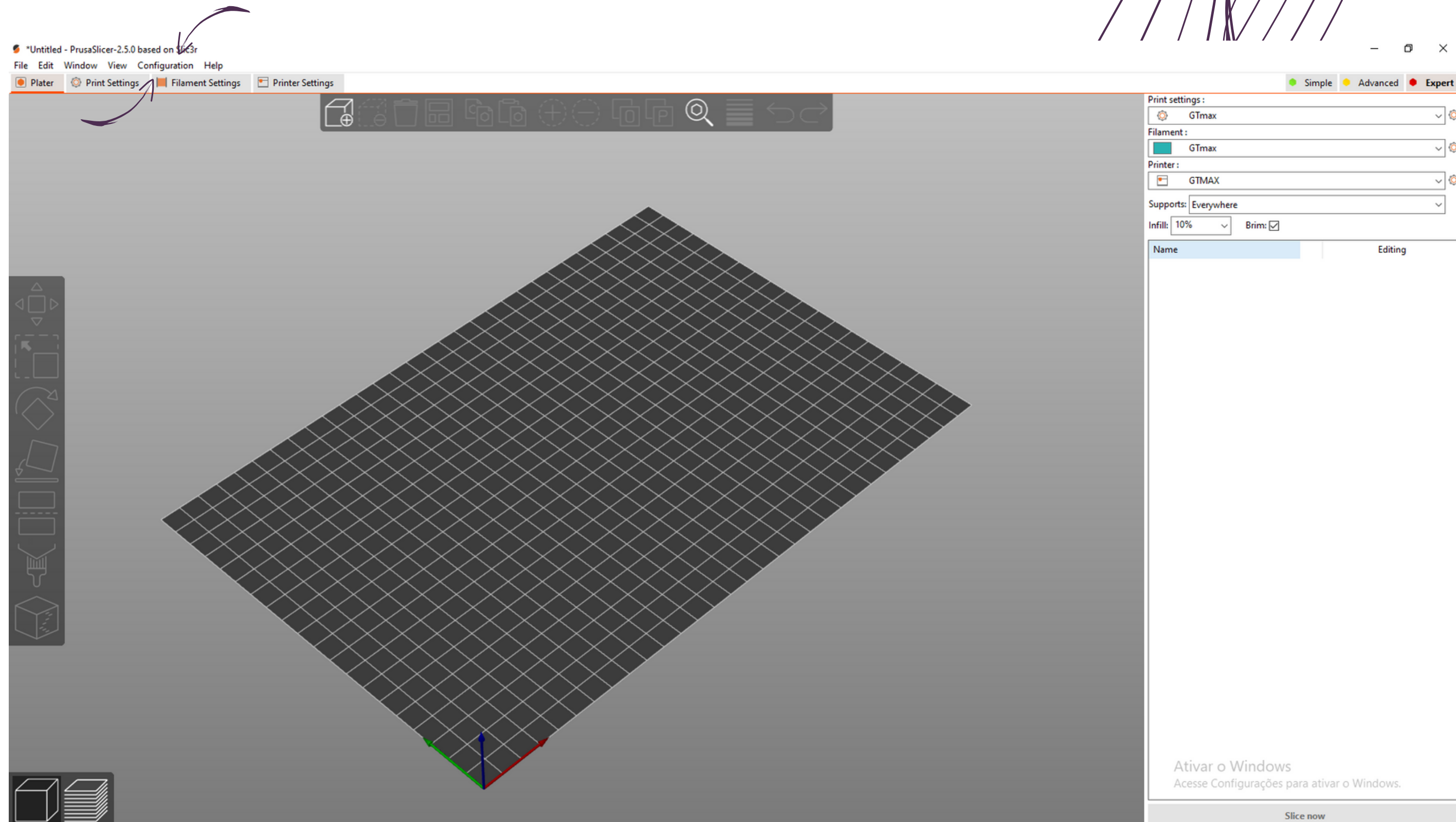


PrusaSlicer

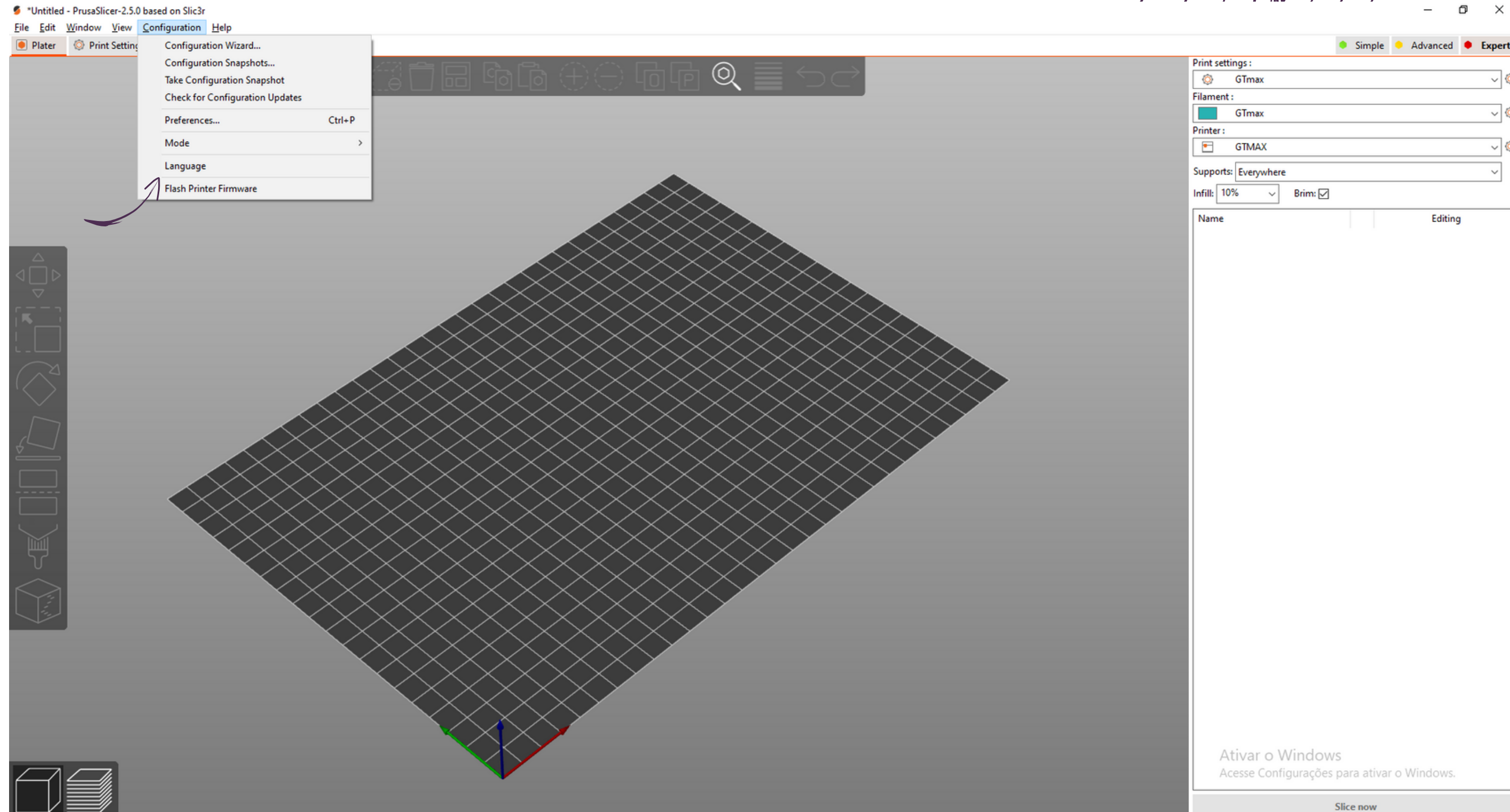


The image shows a screenshot of the PrusaSlicer 2.6.0 software interface. The main window displays a 3D model of a rabbit on a build plate. A white overlay window is centered on the screen, featuring the PrusaSlicer logo, the version number 'PrusaSlicer 2.6.0', and the release date 'released 19/06/2023'. Below this, there is an image of a 3D printer and a laptop. The text reads: 'An open-source, feature-rich, frequently updated tool that contains everything you need to export the perfect print files for your 3D printer.' A prominent orange button says 'Download for Windows'. Below the button, there is a link: '[Full Package \(All Drivers & Apps\)](#)'. At the bottom of the overlay, there are three platform options: 'Windows' (circled in purple), 'Mac', and 'Linux'. The background software interface shows various settings panels on the right, including 'Print settings', 'Filament', 'Printer', 'Supports', 'Infill', and 'Brim'. The 'Print settings' panel shows '0.15mm QUALITY (modified)', 'Filament: Prusament PLA', and 'Printer: Original Prusa MINI & MINI+'. The 'Infill' is set to '15%' and 'Brim' is checked. The 'Slice now' button is visible at the bottom right of the software window.

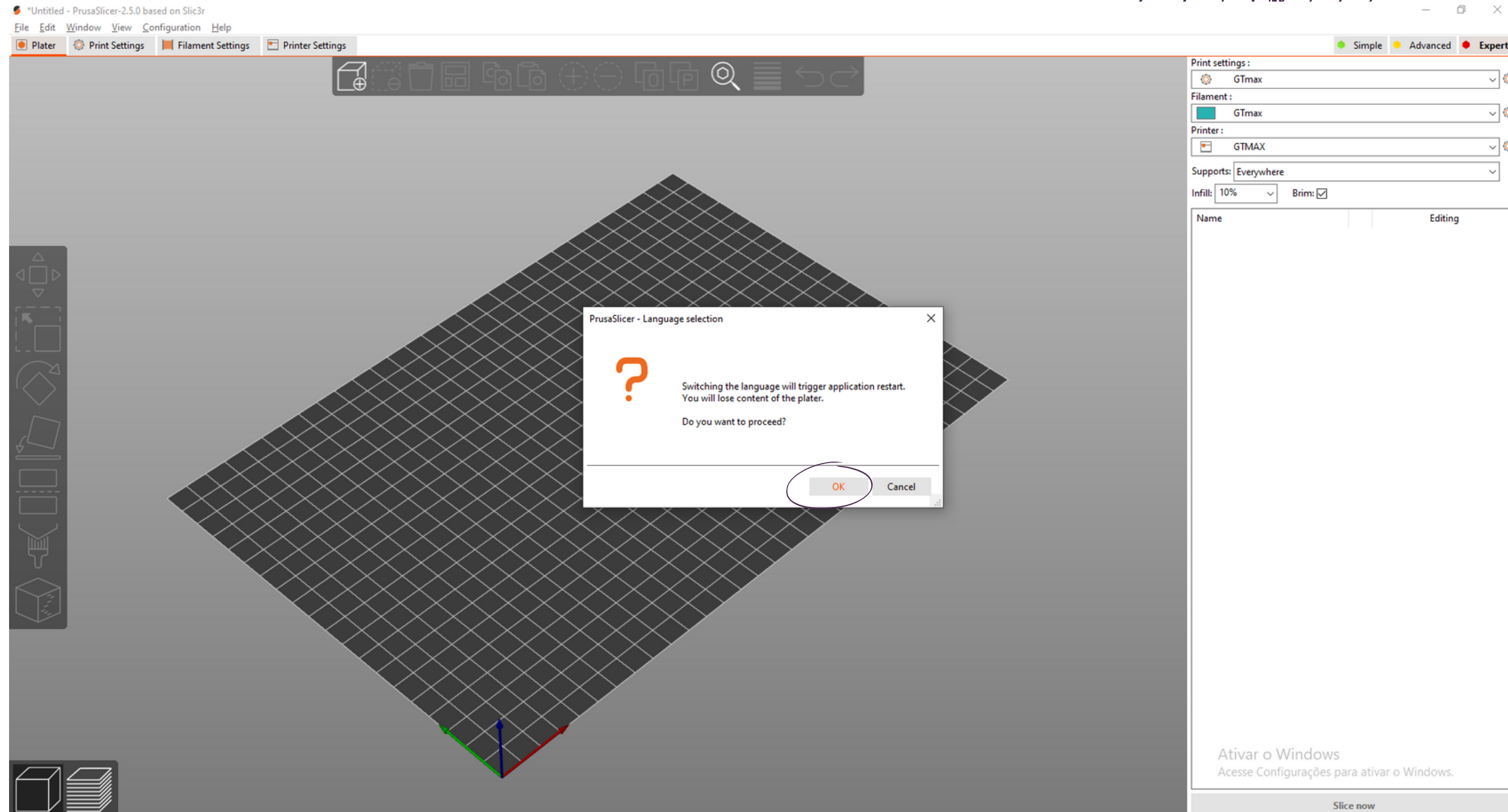
PrusaSlicer



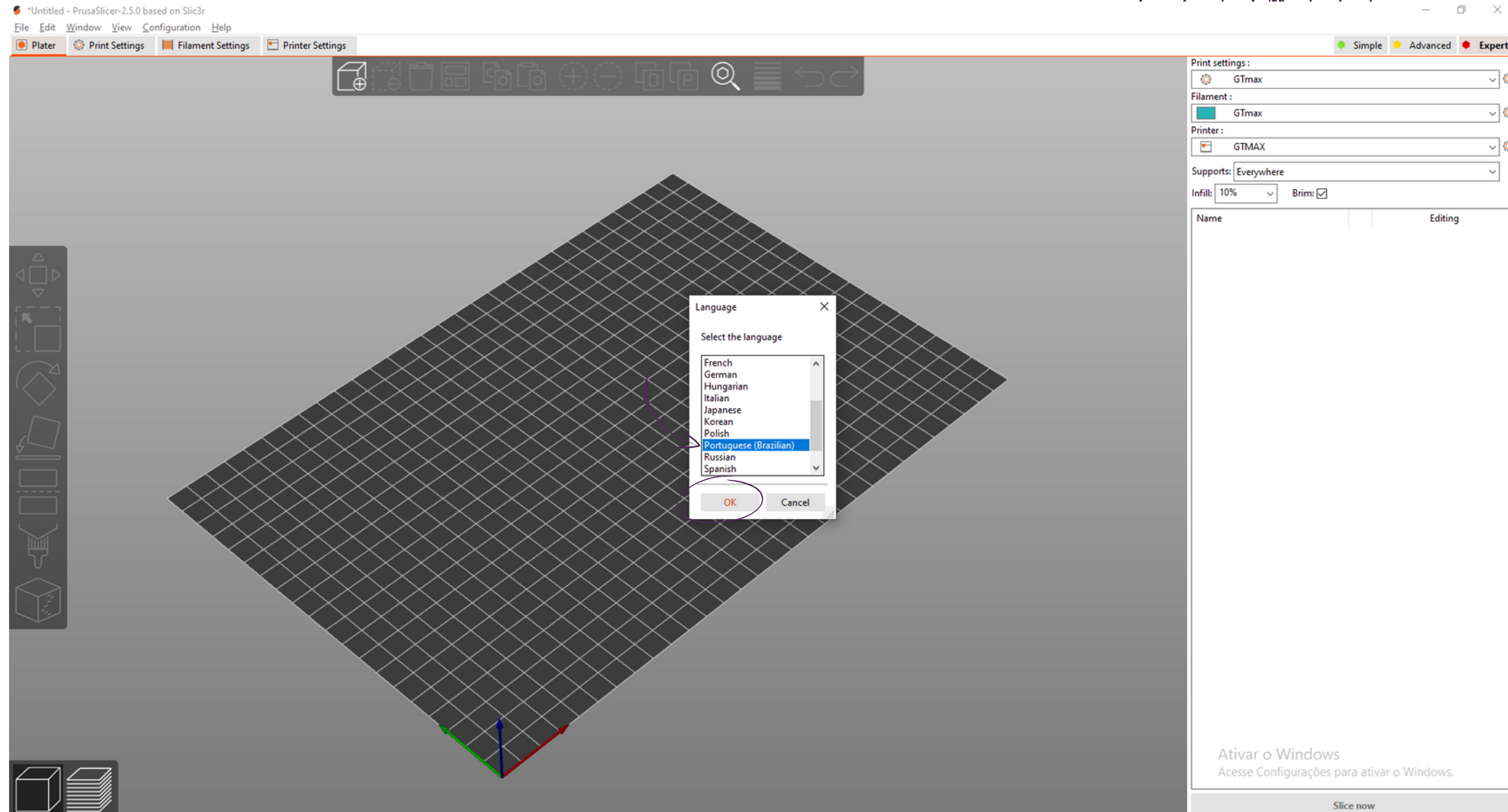
PrusaSlicer



PrusaSlicer



PrusaSlicer



PrusaSlicer

*Sem título - PrusaSlicer-2.5.0 baseado no Slic3r

Arquivo Editar Janela Vista Configuração Ajuda

Bandeja Config. de impressão Config. de filamento **Config. da impressora** Simples Avançado Especialista

Creality Ender-3 Pro (0.4 mm nozzle)

Tamanho e coordenadas

- Formato da mesa: Definir ...
- Altura máxima de impressão: 250 mm
- Compensação do Z: 0 mm

Capacidades

- Extrusoras: 1
- Única extrusora multi material:

Upload do host de impressão

Nota: Todos os parâmetros deste grupo são movidos para as configurações da Impressora Física (consulte o changelog).

Um novo perfil de impressora física é criado clicando no ícone "engrenagem" à direita da caixa de combinação Perfis de impressora, selecionando o item "adicionar ou remover impressoras" na caixa de combinação Impressora. O editor de perfis físicos da impressora também é aberto ao clicar no ícone "engrenagem" na guia Configurações da impressora. Os perfis de impressora física estão sendo armazenados no diretório PrusaSlicer /physical_printer.

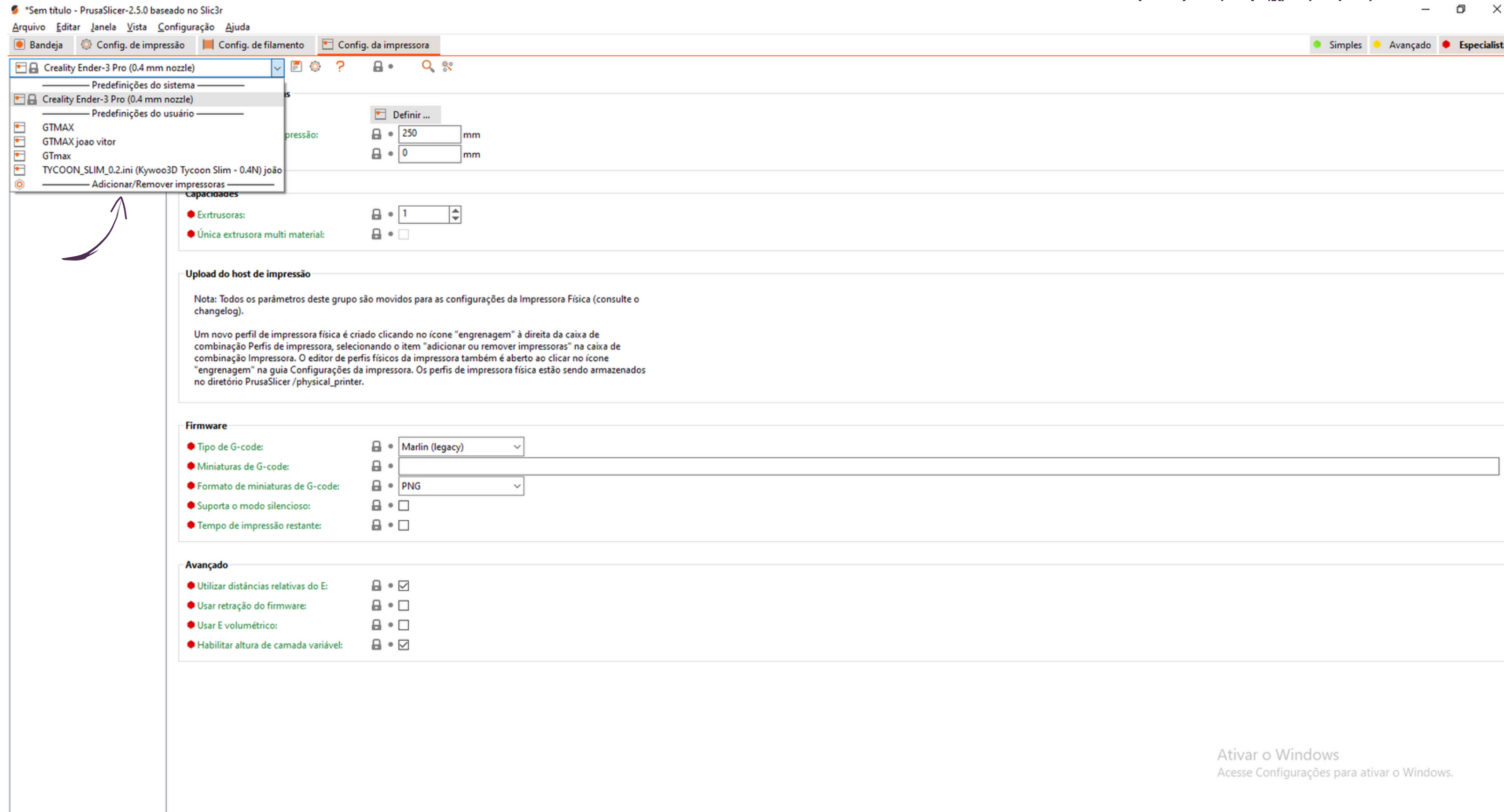
Firmware

- Tipo de G-code: Marlin (legacy)
- Miniaturas de G-code:
- Formato de miniaturas de G-code: PNG
- Suporta o modo silencioso:
- Tempo de impressão restante:

Avançado

- Utilizar distâncias relativas do E:
- Usar retração do firmware:
- Usar E volumétrico:
- Habilitar altura de camada variável:

PrusaSlicer



PrusaSlicer

The screenshot displays the PrusaSlicer 2.5.0 configuration interface. The main window is titled "PrusaSlicer - Assistente de config" and shows a list of printer models under the heading "Creality Impressoras de tecnologia Prusa FFF". The printer models are arranged in two rows. The first row includes: Creality Ender-3, Creality Ender-3 BLTouch, Creality Ender-3 Pro, and Creality Ender-3 Neo. The second row includes: Creality Ender-3 V2, Creality Ender-3 V2 Neo, Creality Ender-3 S1, and Creality Ender-3 S1 Pro. Each printer model is accompanied by a small image and a list of nozzle options (0.4 mm, 0.3 mm, 0.5 mm, 0.6 mm). The "Creality Ender-3 Pro" model is highlighted with an orange "ALPHA" banner. The "Creality Ender-3 V2 Neo" model is also highlighted with an orange "ALPHA" banner. The "Creality Ender-3 S1" model is highlighted with an orange "ALPHA" banner. The "Creality Ender-3 S1 Pro" model is highlighted with an orange "BETA" banner. The interface includes a sidebar on the left with various configuration options like "Tamanho e coordenadas", "Capacidades", "Upload do host de impressão", "Firmware", and "Avançado". The top of the window shows the menu bar and the printer profile selected: "Creality Ender-3 Pro (0.4 mm nozzle)".

PrusaSlicer - Assistente de config

Creality Impressoras de tecnologia Prusa FFF

ENDER Família

Todos padrão Todos Nenhum

Creality Ender-3
 0.4 mm bico de impressão
Alternar bicos:
 0.3 mm bico de impressão
 0.5 mm bico de impressão
 0.6 mm bico de impressão

Creality Ender-3 BLTouch
 0.4 mm bico de impressão
Alternar bicos:
 0.3 mm bico de impressão
 0.5 mm bico de impressão
 0.6 mm bico de impressão

Creality Ender-3 Pro
 0.4 mm bico de impressão
Alternar bicos:
 0.3 mm bico de impressão
 0.5 mm bico de impressão
 0.6 mm bico de impressão

Creality Ender-3 Neo
 0.4 mm bico de impressão
Alternar bicos:
 0.3 mm bico de impressão
 0.5 mm bico de impressão
 0.6 mm bico de impressão

Creality Ender-3 V2

Creality Ender-3 V2 Neo

Creality Ender-3 S1

Creality Ender-3 S1 Pro

Selecione todas as impressoras padrão

< Voltar Próximo > Final Cancelar

PrusaSlicer

PrusaSlicer - Assistente de config

Seleção de Perfis de Filamento

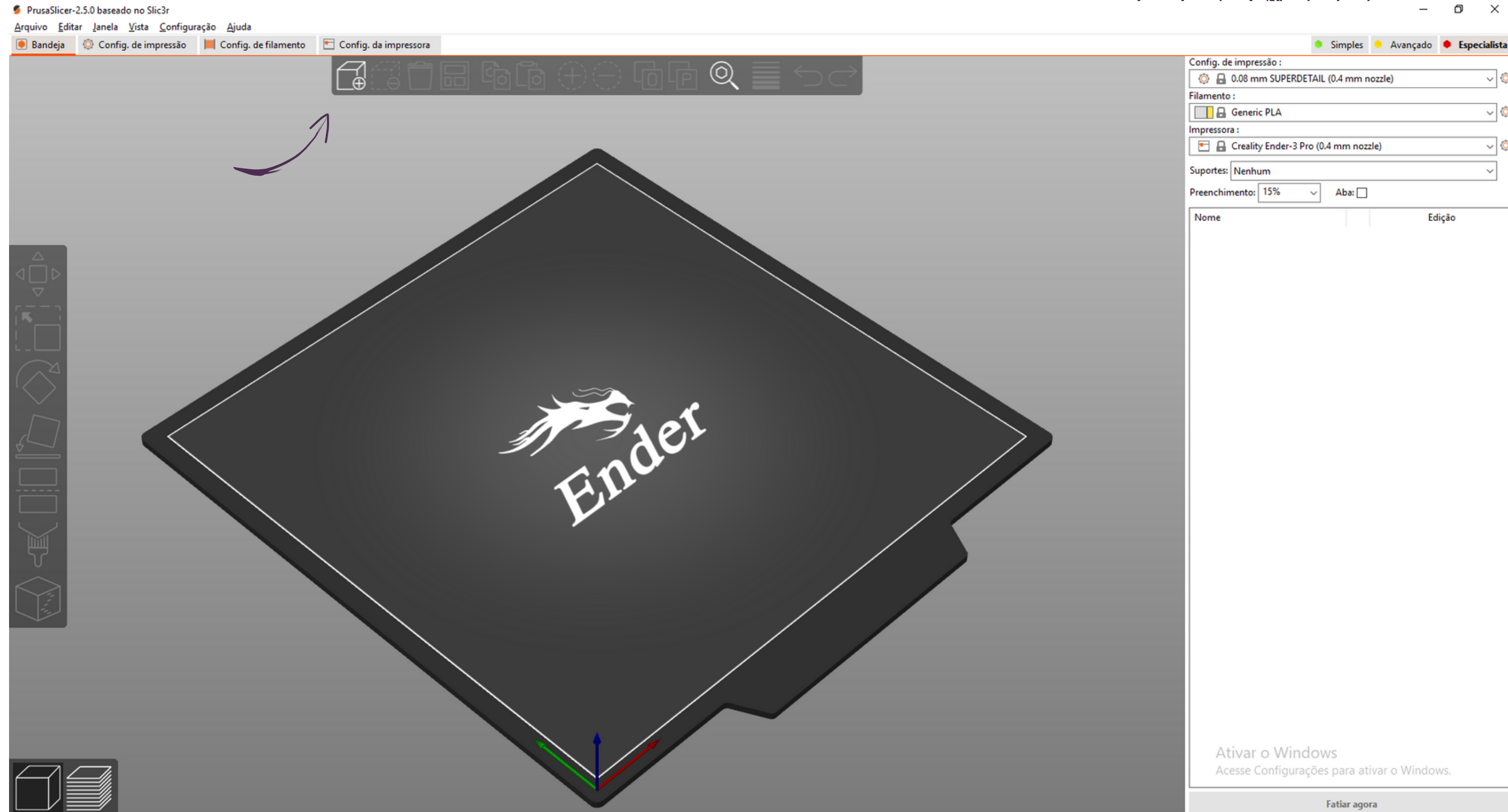
Impressora:	Tipo:	Fornecedor:	Perfil:
(Todos) Creality Ender-3 Pro (0.4 mm nozzle)	(Todos) PLA PETG ABS	(Todos) Prusa Polymers 123-3D 3DJAKE AzureFilm Creality Das Filament Devil Design Extrudr FormFutura Geeetech Generic Real Filament Velleman Verbatim	<input checked="" type="checkbox"/> Prusament PETG <input checked="" type="checkbox"/> Prusament PLA <input checked="" type="checkbox"/> 123-3D Jupiter PLA <input checked="" type="checkbox"/> 3DJAKE ecoPLA <input checked="" type="checkbox"/> 3DJAKE ecoPLA Matt <input checked="" type="checkbox"/> 3DJAKE ecoPLA Tough <input checked="" type="checkbox"/> AzureFilm PLA <input type="checkbox"/> Creality ABS <input type="checkbox"/> Creality PETG <input checked="" type="checkbox"/> Creality PLA <input type="checkbox"/> Das Filament PETG <input type="checkbox"/> Das Filament PLA <input checked="" type="checkbox"/> Devil Design PLA <input checked="" type="checkbox"/> Devil Design PLA Galaxy <input checked="" type="checkbox"/> Devil Design PLA Matt <input type="checkbox"/> Extrudr GreenTEC Pro <input checked="" type="checkbox"/> Extrudr PLA NX2 <input type="checkbox"/> FormFutura Tough PLA <input type="checkbox"/> Geeetech Matte PLA <input checked="" type="checkbox"/> Generic ABS <input checked="" type="checkbox"/> Generic PETG <input checked="" type="checkbox"/> Generic PLA <input checked="" type="checkbox"/> Real Filament PLA <input checked="" type="checkbox"/> Velleman PLA <input checked="" type="checkbox"/> Verbatim PLA

Filamentos marcados com * são não compatíveis com algumas impressoras instaladas.

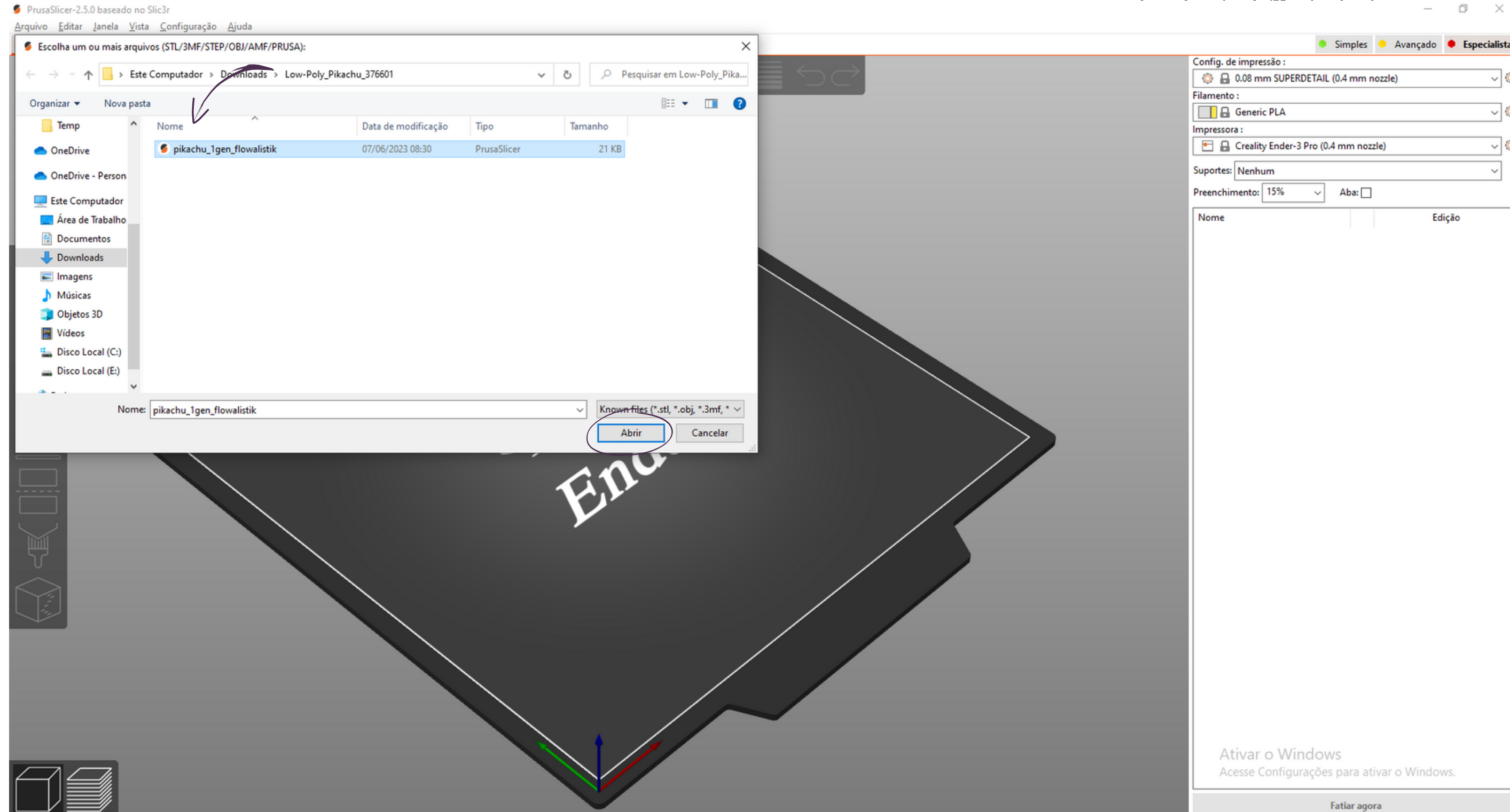
Selecione todas as impressoras padrão

< Voltar Próximo > **Final** Cancelar

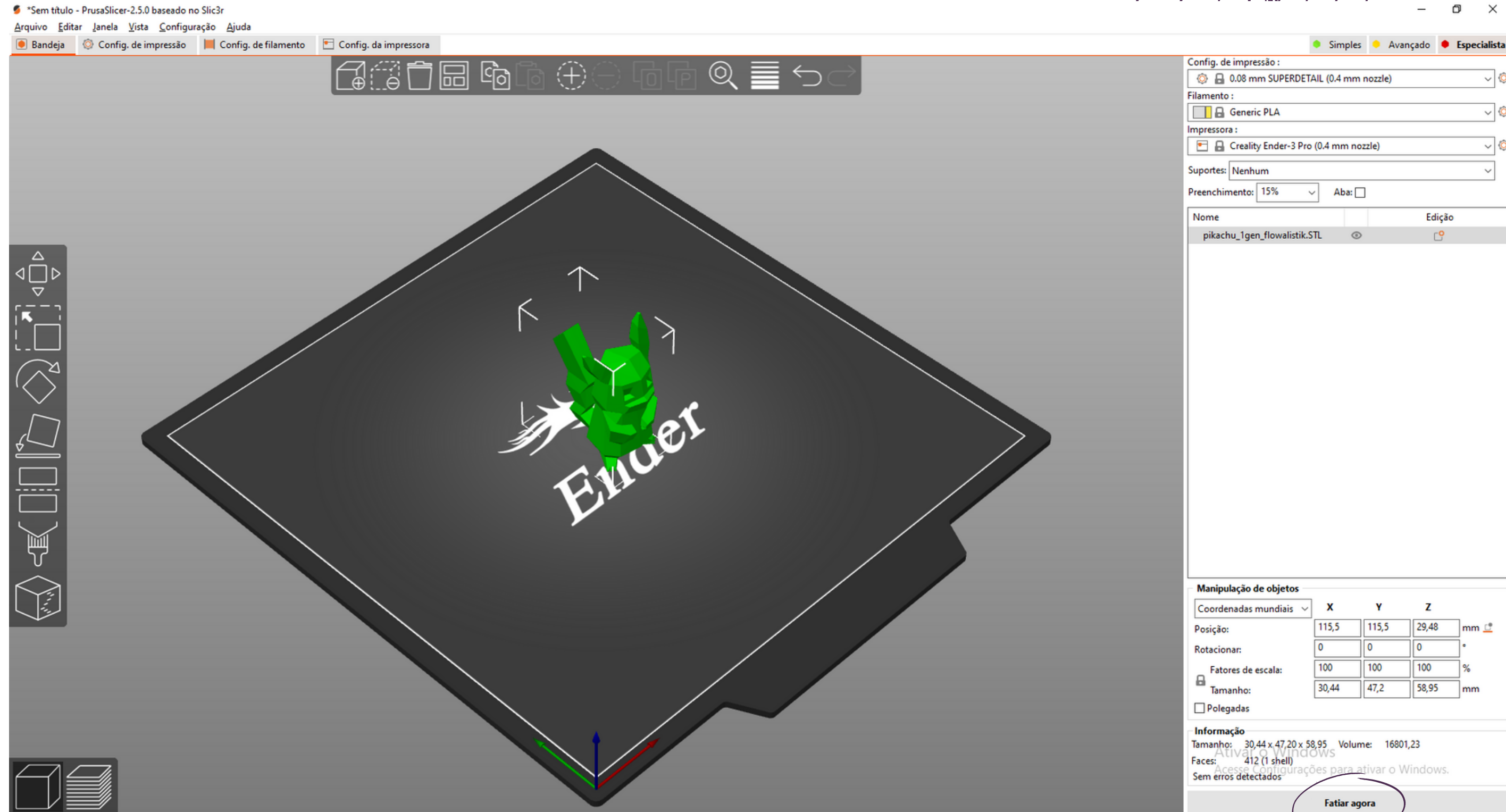
PrusaSlicer



PrusaSlicer



PrusaSlicer



PrusaSlicer

Tipo de recurso

Tipo de recurso	Tempo	Porcentagem	Filamento utilizado
Perímetro	1h21m	34,8%	1,43 m 4,26 g
Perímetro externo	57m	24,8%	0,77 m 2,31 g
Preenchimento interno	1h1m	26,3%	0,87 m 2,60 g
Preenchimento sólido	32m	13,6%	0,26 m 0,79 g
Preenchimento de pontes	2s	0,0%	0,00 m 0,00 g
Saia/aba	18s	0,1%	0,01 m 0,03 g
Customizado	49s	0,4%	0,02 m 0,06 g

Tempos estimados de impressão:
Primeira camada: 1m
Total: 3h52m

Config. de impressão :
0.08 mm SUPERDETAIL (0.4 mm nozzle)
Filamento : Generic PLA
Impressora : Creality Ender-3 Pro (0.4 mm nozzle)
Suportes : Nenhum
Preenchimento: 15%
Aba:

Nome Edição
pikachu_1gen_flowalistik.STL

Manipulação de objetos

Coordenadas mundiais	X	Y	Z	
Posição:	115,5	115,5	29,48	mm
Rotacionar:	0	0	0	°
Fatores de escala:	100	100	100	%
Tamanho:	30,44	47,2	58,95	mm

Polegadas

Informação
Tamanho: 30,44 x 47,20 x 58,95 Volume: 16801,23
Faces: 412 (1 shell)
Sem erros detectados

Informações fatiadas

Filamento utilizado (g)	10,05
Filamento utilizado (m)	3,37
Filamento utilizado (mm ³)	8101,22
Custo	0,20
Tempo estimado de impressão: - modo normal	3h52m

Exportar G-code

01

Com o arquivo de impressão na extensão .gcode dentro do sd, colocaremos ele na impressora

02

Conferir o nivelamento da mesa aquecida e se o material na impressora está correto

03

Selecionaremos a opção de cartão sd e então o arquivo de impressão



Sugestões de canal para suporte

01

3DPRINTACADEMY

02

3DGEEKSHOW

03

GUILHERME VAZAN

