

Creality Slicer User Manual



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NOTES

Dear Consumers:

Thank you for choosing and using our printer. For your convenience, please read this manual carefully before use and follow the instructions.

Our team is ready to provide you with the best service. No matter what problems you encounter during use, you can contact us according to the contact information provided in the manual.

For the better experience , you can get the operational knowledge of the equipment from the website of <u>www.creality3d.cn</u>. You can visit our website to find relevant software and hardware, contact information, printer operation, printer maintenance and other information.

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Chapter 1 Install and Setting

1.1 Install software

📙 🕑 📕 🖛 Creality Sli	cer Package		
File Home Share	View		
\leftrightarrow \rightarrow \checkmark \uparrow \square \rightarrow This	s PC > Local Disk (E:) > Creality Slic	er Package	
 Quick access Desktop Downloads Documents Pictures Local Disk (E:) Software and Drive User manual 	Name	Date modified 12/14/2018 3:52 PM	Type Windows Installer
This PC			





choose "Next" to continue

Creality Slicer_1.2.1 Setup		5V
This is the folder where Creality	/ Slicer 1.2.1 will be installed.	
To install in this folder, click "Ne "Browse".	xt". To install to a different folder, er	iter it below or dick
<u>F</u> older:		
C:\Program Files (x86)\Creality S	Slicer\Creality Slicer_1.2.1	Browse

Choose the installation path, Default path (C:\Program Files(x86)\Crelity Slicer) Choose "Next" to continue

🛃 Creality Slicer_1.2.1 Setup		×
Ready to Install		
The Setup Wizard is ready to be	egin the Creality Slicer_1.2.1 installation	n A
Click "Install" to begin the install installation settings, click "Back"	lation. If you want to review or chang ". Click "Cancel" to exit the wizard.	ge any o <mark>f</mark> your
Advanced Installer		
	< Back Insta	

Click "Install" to install the software





Waiting some time, choose"Finish" to over the installation

1.2 Language and Choose Printers Model



Running Creality Slicer



	First ti	me run	wizard		
Welcome, and thanks	for trying Cxsw3d	í.			
This wizard will help yo	ou in setting up so	ftware for your	machine.		
Select your language:	English 👻				
			< <u>B</u> ack	Next >	Cancel

Select Language→Next

Select you	ur machine
What kind of machine do you have: © (R-100)	
© CR-5	
© CR-55	
© CR-7	
CR-8/CR-8S	
© CR-95	
© CR-2020	
© CR-3040	
© CR-4026	
© CR-4040	
© CR-5060	
© CR-5080	
CR-10mini	
CR-10/CR-105	
CR-10S Pro	
© CR-10 S4	
O CR-10 S5	
© CR-X	
🔿 Ender-1	
© Ender-3S	
🗇 Other (Ex: RepRap, MakerBot)	
🗇 Custom	
The collection of anonymous usage information This does NOT submit your models online nor Submit anonymous usage information: For full details see: http://www.cxsw3d.com/	n helps with the continued improvement of Cura gathers any privacy related information.

Choose Printer model name(you ordered)→Next



	Cxs	w3d		
Congratulations on your th				
The software is now ready	to be used with yo	ur Cxsw3d.		
		< <u>B</u> ack	Einish	Cancel

Finish the setting.



Chapter 2 Software Instructions

There are built-in instructions for the software, you can hover the mouse on each parameter setting to view the detailed description.

2.1 Printing modes

File Machine	Exp	ert Help		
Material: Creality PLA Creality ABS Common PLA Common ABS	•		uickprint Ill settings rt settings	CTRL+E
Profile: CR-100 (0.15) Fast (0.2mm) Normal (0.15r High Quality (•	Print all at Print one a Run bed le		
Other: Print support s Platform adhesior		ure	offset wizard	

Our software have the built-in fast print mode and full configuration mode. the default mode is the fast print, if it is necessary, you can switch to the full configuration mode

2.1.1 Fast Print Mode

Material

Material:	
Creality PLA	
O Creality ABS	
O Common PLA	
O Common ABS	

The Creality PLA and Creality ABS are our Material to support better printing, the models will be more excellent.

We offer two sets for PLA and ABS, one from us,

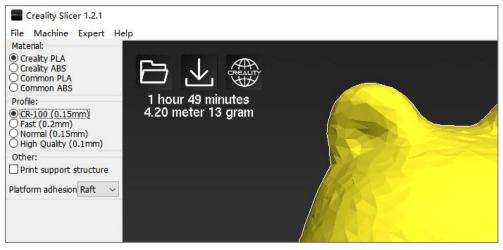
one from other companies.that we can ensure it is

normal to print.since different metarial from different companies, the result of

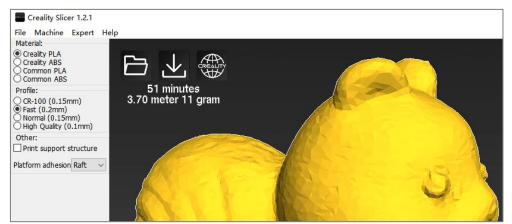
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printing will be little different. you can choose the full configuration mode for specific settings.

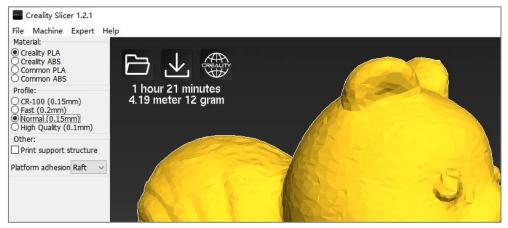
Profile



1、 CR-100 (0.15mm), it is optimized for CR-100 3D printers to improve print speed while achieving better print accuracy. At the same time, CR-100 printers can achieve higher printing accuracy by choosing High Quality (0.1mm) mode.



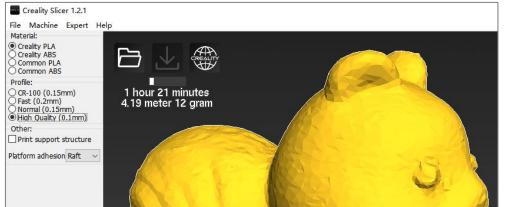
2. Fast (0.2mm), this mode is suitable for large-size simple models, It will greatly shorten the printing time such as printing the cubes.



3、Normal (0.15mm), this mode is suitable for printing most models, and is the

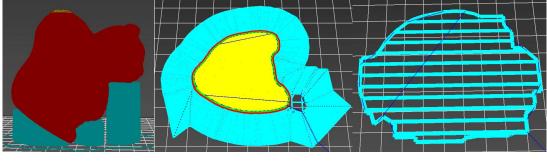


best balance between speed and accuracy.



4. High Quality (0.1mm) : This mode sacrifices print speed to provide better print accuracy. If you want to improve the printing efficiency, you can also try to use the relevant settings of the CR-100.

Others:



Holder

Bottom Brim

Bottom Raft

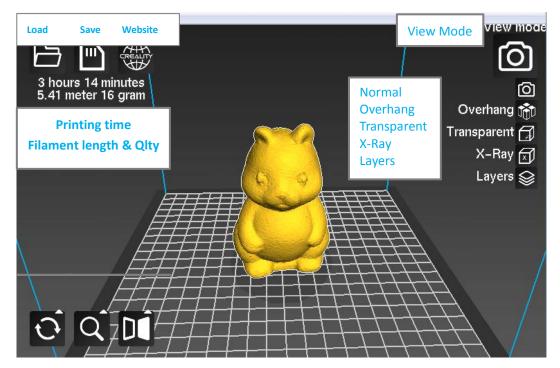
1. Printing the holder: It is default to print the holder for the lower surface of the model is inclined more than 45° , So that the model is not easy to collapse and has a better shape structure. you can adjust the angle of the model in the full configuration mode.

2、Bottom Brim: A few round will be printed on the outside of the bottom of the model to privide better adhesion for the model

3、Bottom Raft: A raft will be printed on the underside of the model, to provide a flat print surface for the model even when the platform is slightly tilted



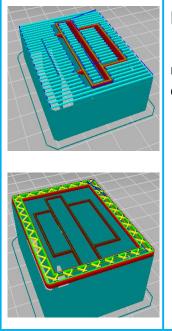
2.2 Command in the Window



2.2.1 View Mode

Normal: Used to view the overall outward and modify the model.
Overhang: Used to view the dangling position of the model, the red display part is left floating.
Transparent: The model is in a translucent state.
X-Ray: the surface of model parallel to the platform is dark, others are translucent.



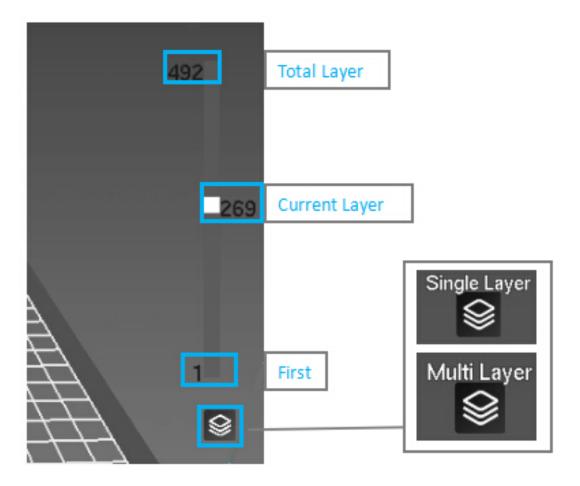


Layers:

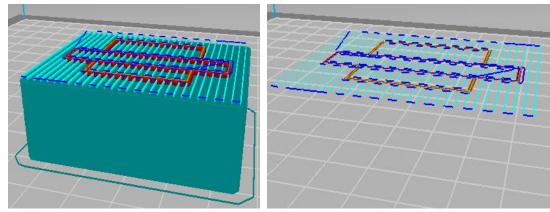
Display the slice of model and the nozzle movement.Different type,the movement path will be different color:

Red: the outer surface of the model Yellow: Grid filled Emerald: The outer surface of the 2~n layers. Dark green: auxiliary structure such as support Blue: empty

In "Layers", we can drag the right progress bar to view the print path of different layers. Click below to view the switch to display only the current layer or display 0 to the current layer path.







Multi Layer Mode

Single Layer Mode

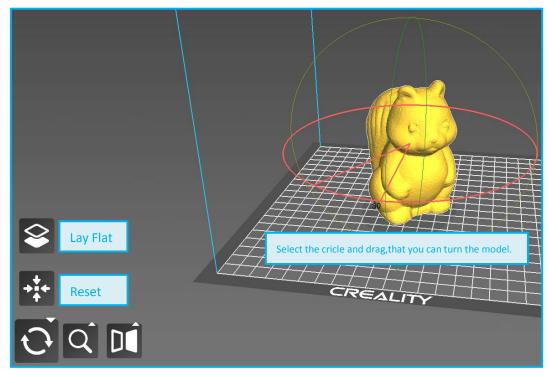
Note:

When the model is gray, the model size is larger than the platform size, and the slice will not be sliced normally. The model scale needs to be adjusted to be smaller than the size of the platform.

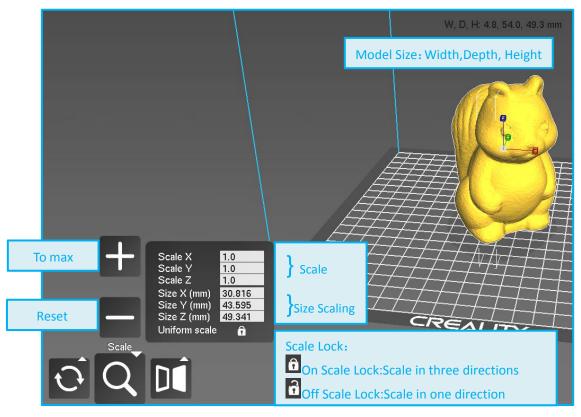


2.2.2Rotate、Scale、Mirror

Rotate



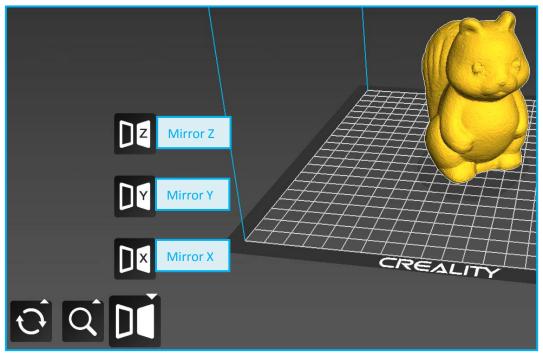
Scale



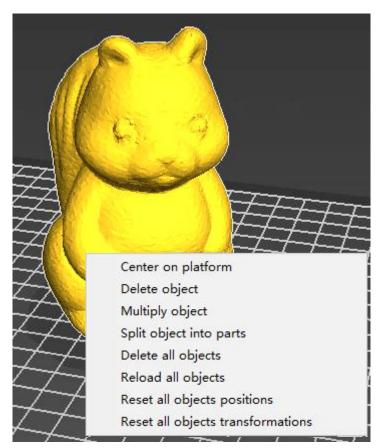
Changing the number that you can change the size of model.



Mirror



2.2.3 The Function of Right Mouse Button

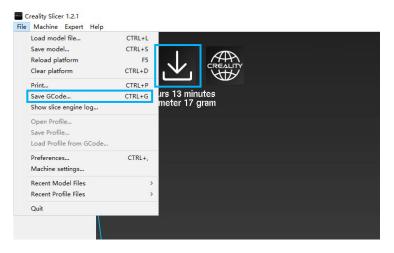


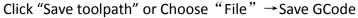


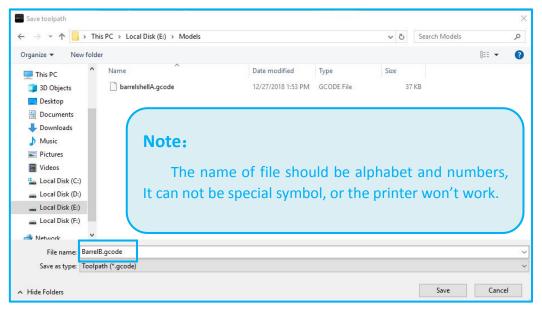
2.3 Printing Way

2.3.1 Memory Card Offline Printing

Offline printing is one way to use the storage card for printing, do not need computer, it is easy to use and operate, we advise users to choose offline printing.







Select the path in the pop-up window and write the file name. It is important that the file name must be alphabet and numbers, not special symbols.



Insert the storage card, Copy the file to storage card.

Note: If you have inserted the storage card, it will show "Toolpath to SD", click it will be kept to storage card.

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2.3.2 On line Printing

Online printing need to connect computer to the 3D printer by data cable. The printer cannot be powered off in the printing process, and the computer cannot sleep or go screensaver, or the data transmission will be failure, it is inconvenient to use, we do not advise users to choose this way.

It is recommended to turn off the anti-virus software before installing the driver to prevent the accidental and cause the installation to fail.

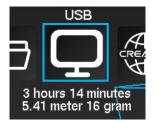
- 1. Connecting computer to the printer by USB cable.
- 2、Set up the Creality Slicer as follows.

Creality Slicer 1.2.1 e Machine Expert Help		Preferences			>
Load model file	CTRL+L	Print window		Filament settings	
Save model Reload platform Clear platform	CTRL+S F5 CTRL+D	Printing window Colours	/ typ : Pronterface UI 🗸	Density (kg/m3) Cost (price/kg)	0
Print Save GCode Show slice engine log	CTRL+P CTRL+G	Model colour		Cost (price/m) SD Card settings	0
Open Profile Save Profile Load Profile from GCode.		Language	English ~	Auto detect SD card drive Base folder to replicate on S Cura settings	D card C:\Users\Adminis
Preferences Machine settings Recent Model Files	CTRL+,			Check for updates Send usage statistics Ok	KK
Recent Profile Files Ouit	>				

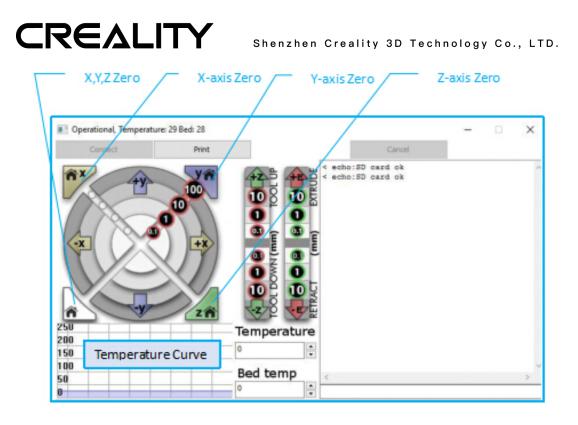
选择 Choose "File" → "Preferences", Choose "Pronterface UI" and click "OK".

e Machine Expert Help		Cr-100 Cr-5 Cr-55 Cr	-10S Pro		
Load model file Save model	CTRL+L CTRL+S	Machine settings		Printer head size	
Reload platform	F5	E-Steps per 1mm filamen	t 0	Head size towards X min (mm)	0.0
Clear platform	CTRL+D	Maximum width (mm)	300	Head size towards Y min (mm)	0.0
Print	CTRL+P	Maximum depth (mm)	300	Head size towards X max (mm)	0.0
Save GCode	CTRL+G	Maximum height (mm)	400	Head size towards Y max (mm)	0.0
Show slice engine log		Extruder count	1 ~	Printer gantry height (mm)	0.0
Open Profile		Heated bed Machine center 0,0		Communication settings	
Save Profile		Build area shape	Square v	Serial port	COM1 ~
Load Profile from GCode		GCode Flavor	RepRap (Marlin/Sprinter) ~	Baudrate	115200 ~
Preferences	CTRL+.				
Machine settings					
Recent Model Files	>				
Recent Profile Files	>				
Quit		Ok Add new	machine Remove machine	Change machine name	

Choose "File" \rightarrow "Machine Settings", Select max number at serial port, Baudrate is 115200.



Load the model, This icon show that we have contacted the computer.Click ,it will be s one new Pop-ups window.



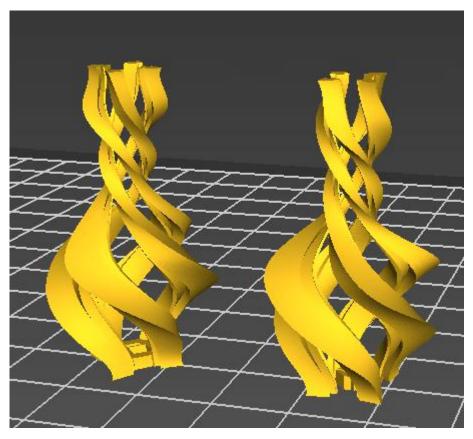
We can click on the gray ring on the window to control the motion of the XYZE axis. "0.1, 1, 10, 100" are the each amount of motion. The text box in the lower right corner can be input G code to control. If you are not familiar with it, please do not change anything. Click "Print" to start printing. Please be careful during printing to avoid printing failure.

*If you cannot connect properly, please install the corresponding driver or download the third-party driver software.

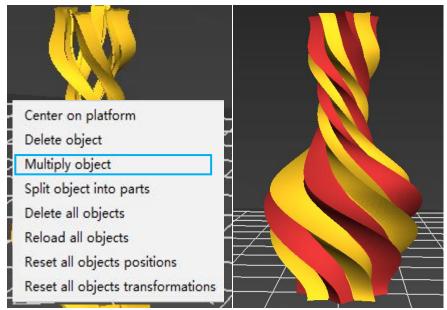


2.4 Printing Duable color models

First, make sure that the printer you buy supports two-color printing.



Open or drag different parts of the two-color model you want to print into the software.



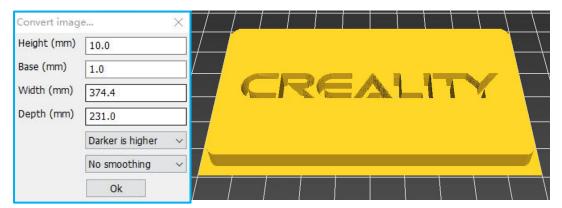
Right click the model and select "Multiply Object", After the software prompts the slicing to complete, you can start printing.

2.5 Make Lithophane

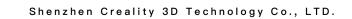




Open or drag a photo to the software



Input the appropriate parameters, that we can start to print after the slicing is complete.



Technical Support

All our after-sales and sales teams are on call for you. We are happy to solve any problems you may have while using the Creality3D printer. If you can't find one solution to solve your problem in this user manual, you can visit our official website to search for solutions, or contact us by phone or E-mail.

In our official website, you can find some common problem descriptions and solutions. Many of your questions can be resolved here: http://www.creality3d.cn.

You can contact the after-sales teams to solve the problem by phone or E-mail on Monday to Saturday. If you contact us during non-working hours, we will respond to you as soon as possible during the working hours. We are extremely sorry if it is inconvenient.

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