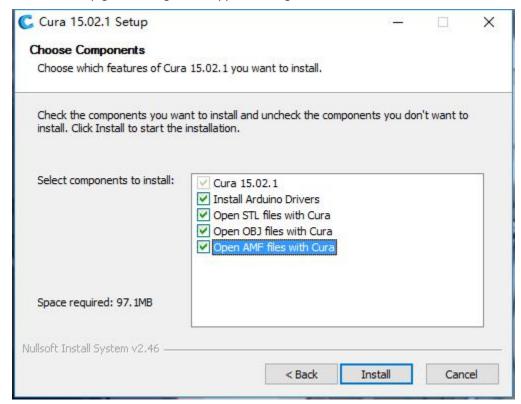
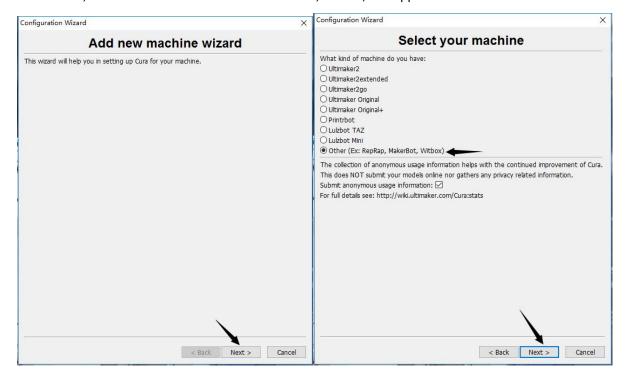
1. Printing Models

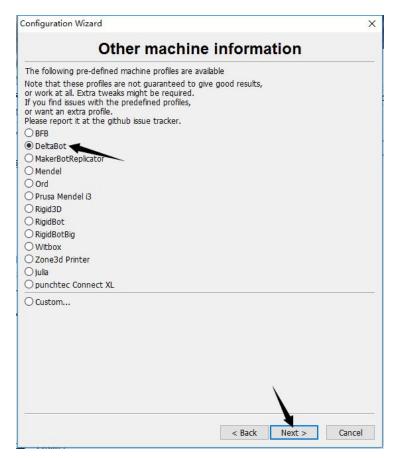
1) Installing slicer. Taking Cura for example, double click "Cura_15.04.exe" to install it. Open Cura after installation, and the startup guide dialogue box appears, as figure 6.16 shows.



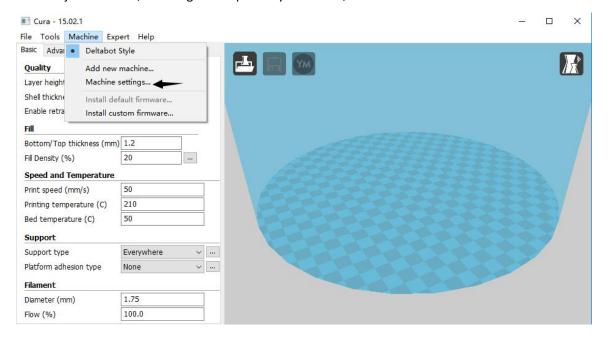
2) Select the language and click "Next", select the kind of machine "Other(Ex: RepRap, Makerbot, Witbox)" and click "Next", then choose "DeltaBot" and click "Next", "Finsh", and appears the main interface.







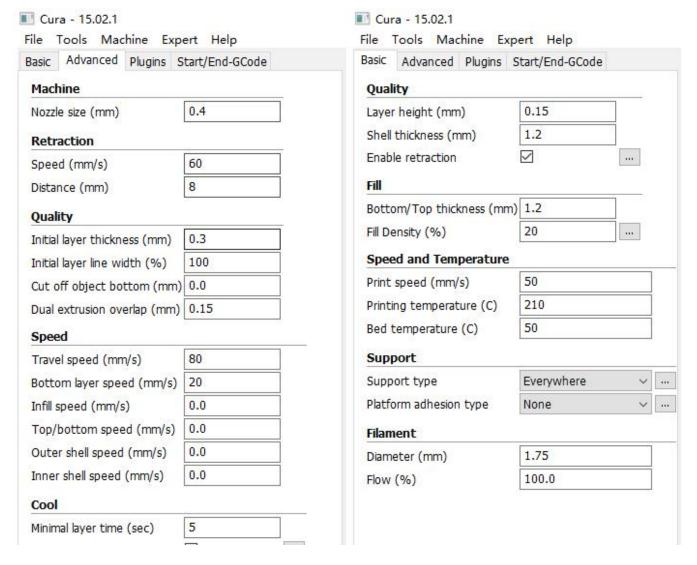
Click "Machine" on the menu bar, and "machine settings", change the maximum width and depth to 200, maximum height to 300, "Hot bed" need to be checked, machines have added hot bed. The serial port and baud rate can just be AUTO, or change serial port to your device, and baud rate to 250000.





Machine settings			×
Deltabot Style			
Machine settings		Printer head size	
E-Steps per 1mm filament	0	Head size towards X min (mm)	0.0
Maximum width (mm)	250	Head size towards Y min (mm)	0.0
Maximum depth (mm)	250	Head size towards X max (mm)	0.0
Maximum height (mm)	400	Head size towards Y max (mm)	0.0
Extruder count	1 ~	Printer gantry height (mm)	0.0
Heated bed Machine center 0,0		Communication settings	
Build area shape	Circular	Serial port	AUTO ~
GCode Flavor	RepRap (Marlin/Sprinter) ~	Baudrate	AUTO ~

Click "OK" to back to main interface, then we should change the parameters in option card "basic" as figure 6.21, it will show the meaning of every parameter when the mouse stays beside. Then switch to option card "Advanced", as figure 6.22 shows, change nozzle size to 0.4, retraction speed to 40~60, distance to 3~4, and infill speed to 40. The other parameters can keep original or change them as figure 6.22.





∐ Cura - 15.02.1 File Tools Machine Exp	ert Help	■ Cura - 15.02.1 File Tools Machine Ex	pert Help	
Basic Advanced Plugins S	Start/End-GCode	Basic Advanced Plugins	Start/End-GCode	
Machine		Quality	_	
Nozzle size (mm)	0.4	Layer height (mm)	0.15	
Retraction		Shell thickness (mm)	1.2	
Speed (mm/s)	60	Enable retraction		
Distance (mm)	8	Fill		
Quality	51 5	Bottom/Top thickness (mm	1.2	
Initial layer thickness (mm)	0.3	Fill Density (%)	20	
Initial layer line width (%)	100	Speed and Temperature	9	
Cut off object bottom (mm)	0.0	Print speed (mm/s)	50	
Dual extrusion overlap (mm)	0.15	Printing temperature (C)	210	
Speed		Bed temperature (C)	50	
Travel speed (mm/s)	80	Support		
Bottom layer speed (mm/s)	20	Support type	Everywhere ~	
Infill speed (mm/s)	0.0	Platform adhesion type	None ~	
Top/bottom speed (mm/s)	0.0	Filament		
Outer shell speed (mm/s)	0.0	Diameter (mm)	1.75	
Inner shell speed (mm/s)	0.0	Flow (%)	100.0	
Cool			\$7	60
Minimal layer time (sec)	5			

Cura loads a robot model when you open it, you can print it directly. Click "File"-"Print", and the printing dialog box appears, the click "print" to star to print. Or you can load the model file we provide, 20*20*10.stl (as figure 6.23), to print and measure the size to adjust the parameter.



