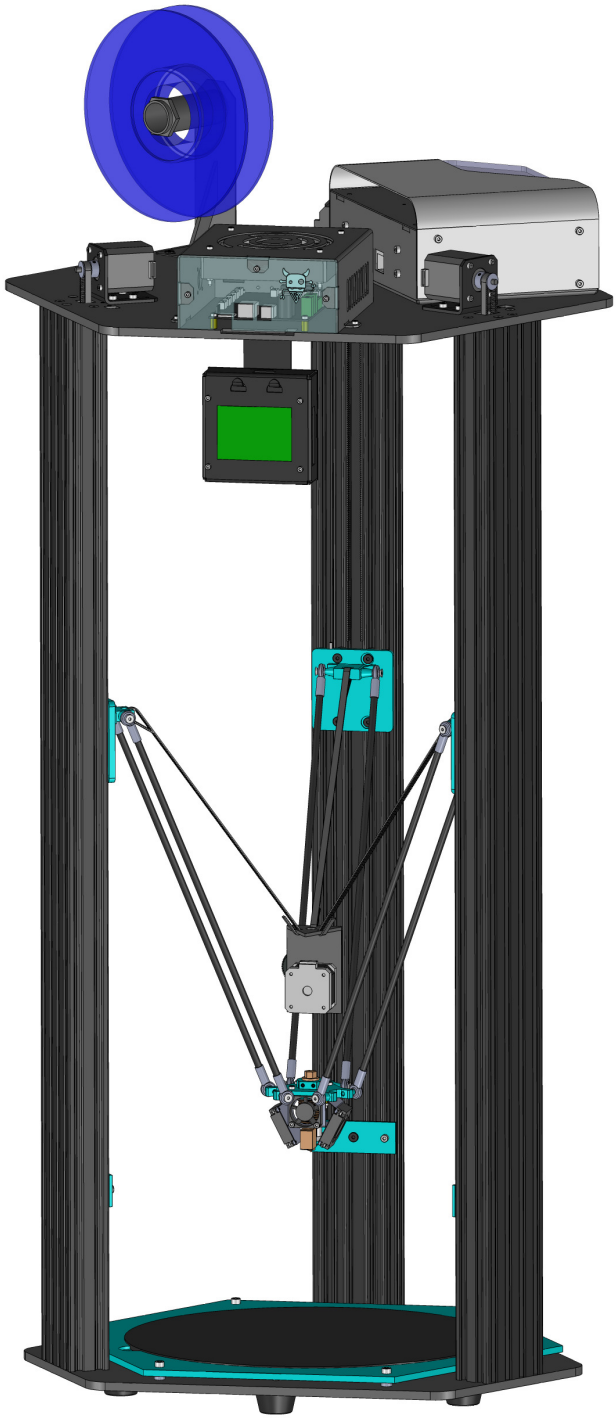
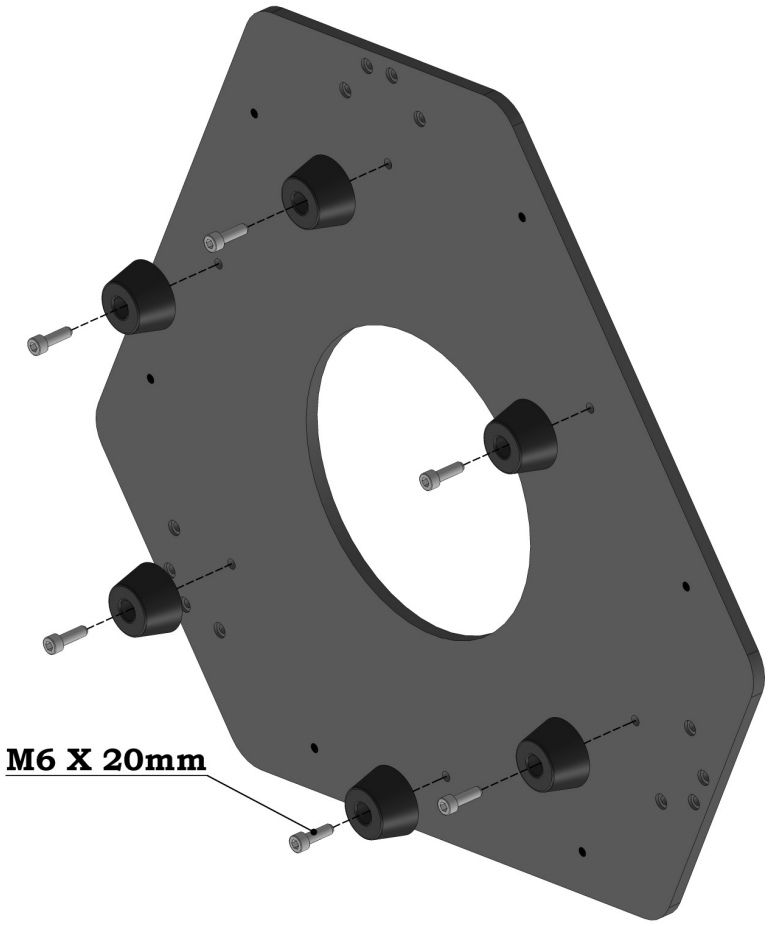
TEVO LITTLE MONSTER



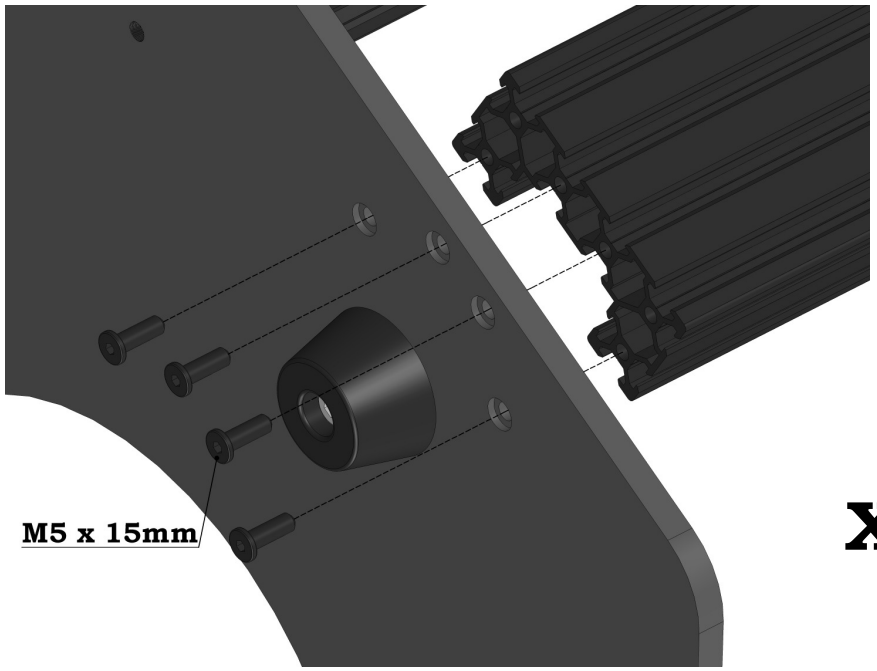
ASSEMBLY
BAG B-3-1

M6 x 20mm - 6
Rubber Stand - 6



BAG A-2-2

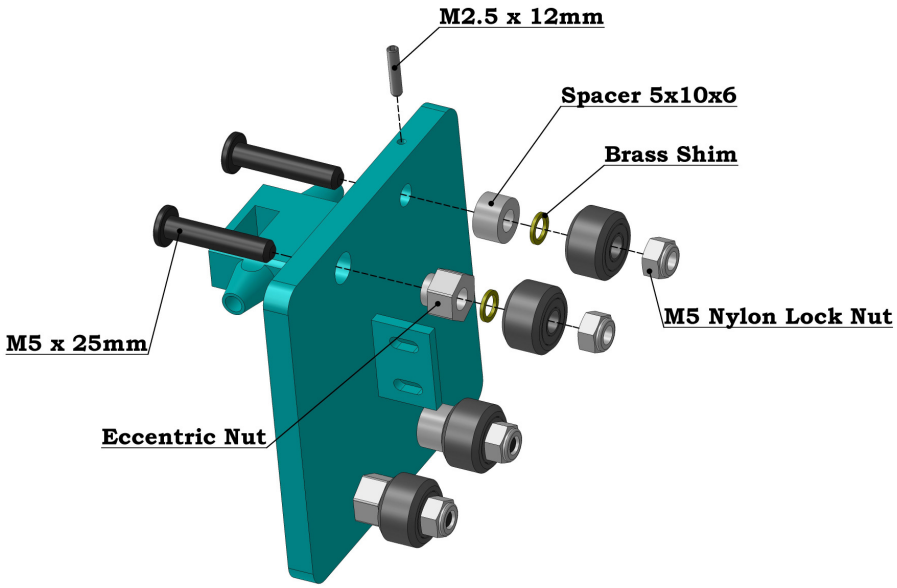
M5 x 15mm - 12
Extrusion 4080 - 3
Base Plate - 1



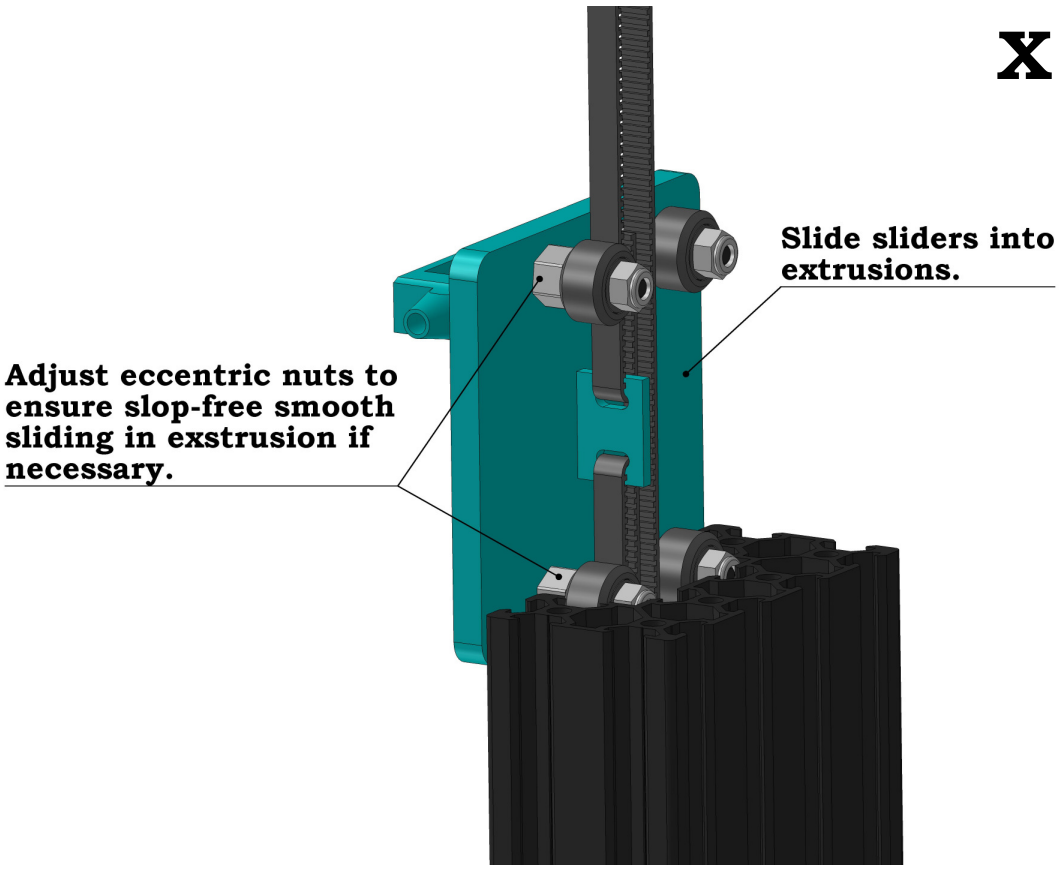
X 3

BAG A-10

Pre-Assembled

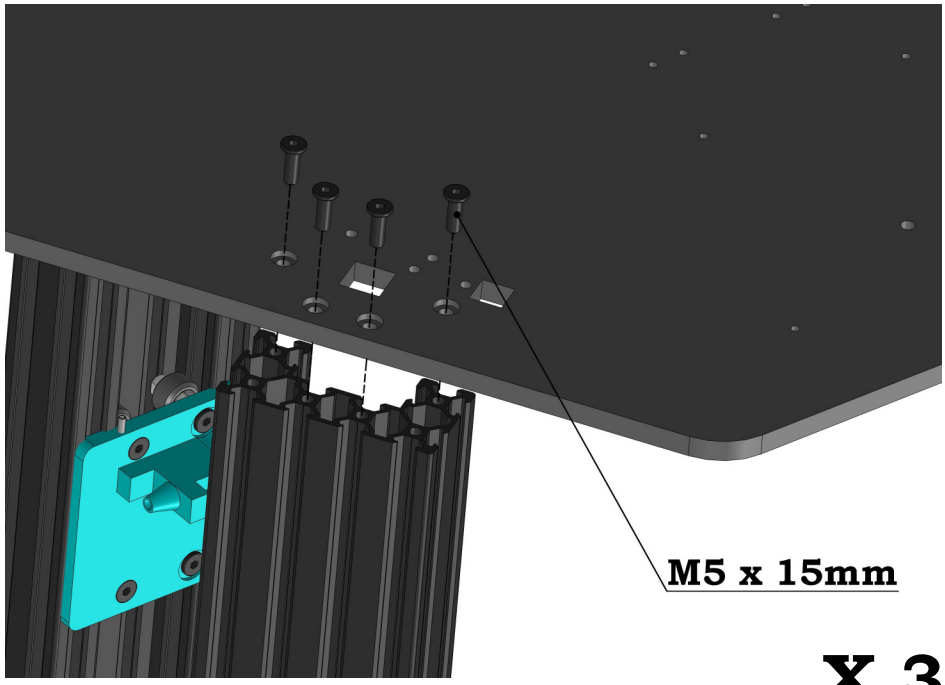


X 3



BAG A-2-2

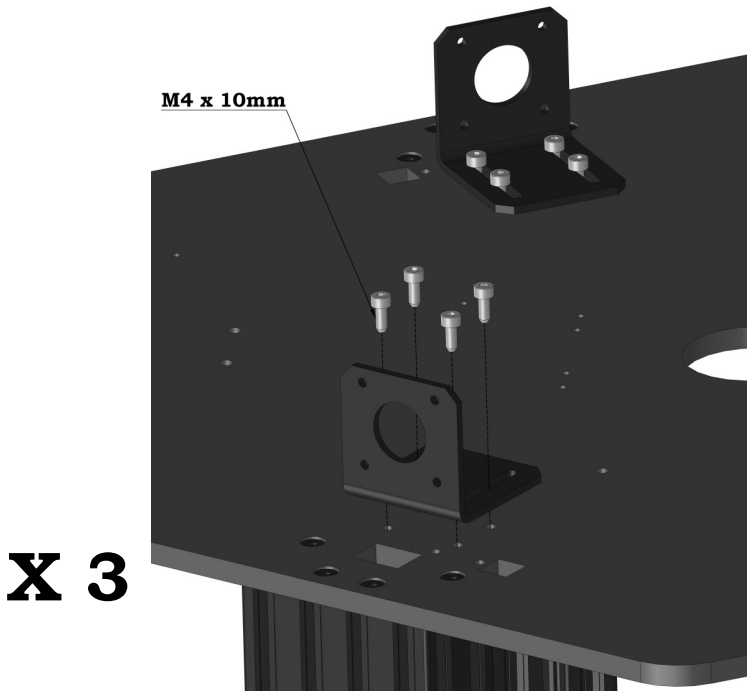
M5 x 15mm - 12
Top Plate - 1



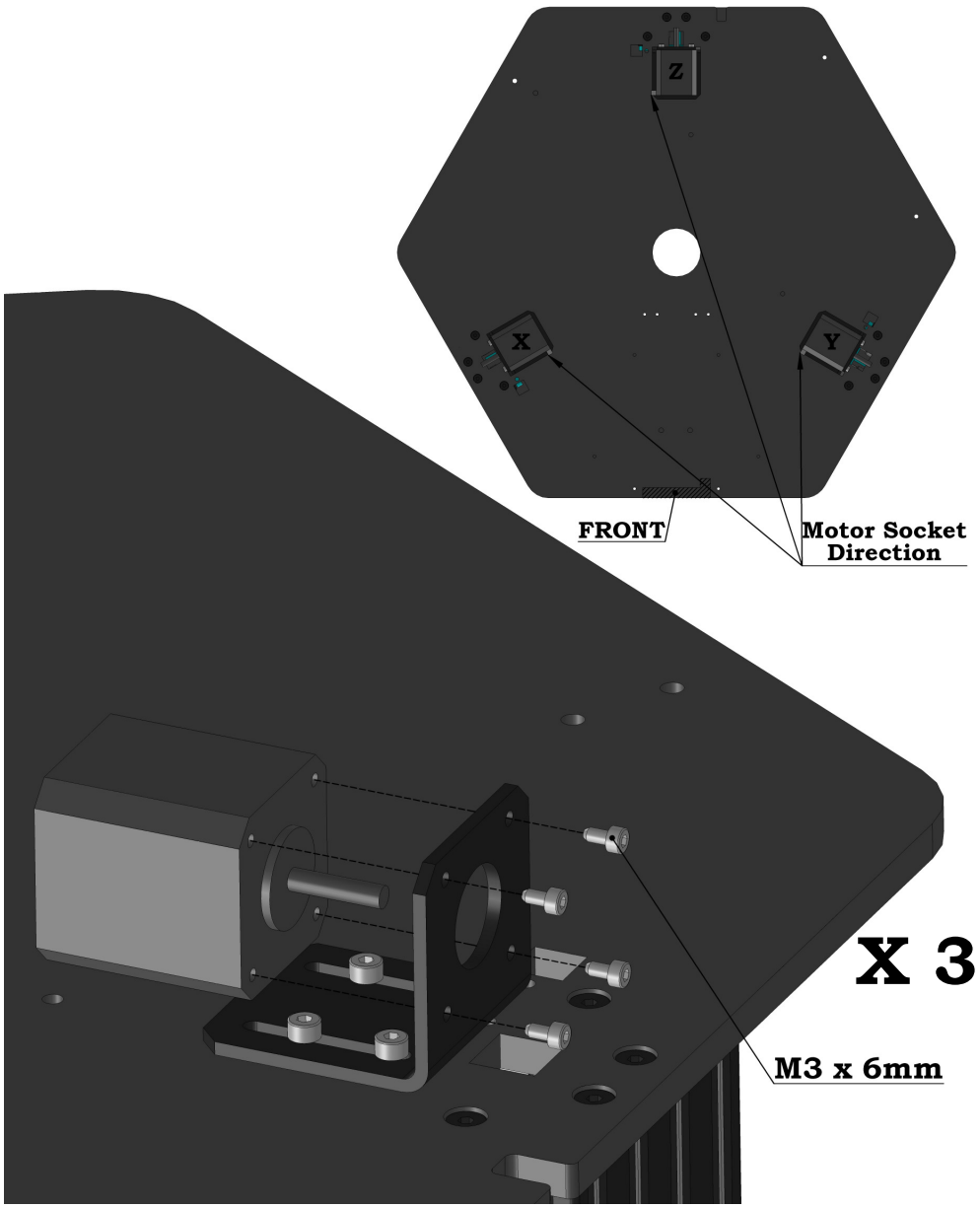
X 3

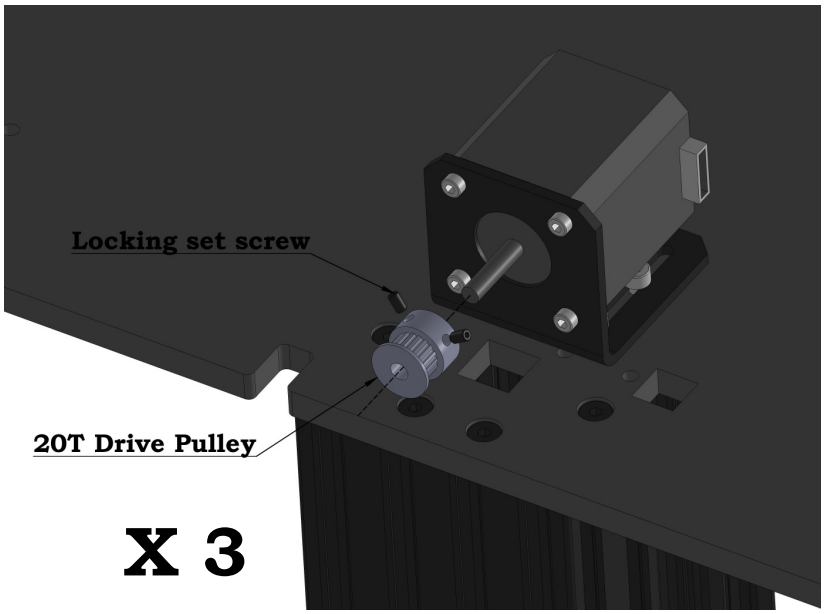
BAG A-8

M4 x 10mm - 12
Motor bracket - 3

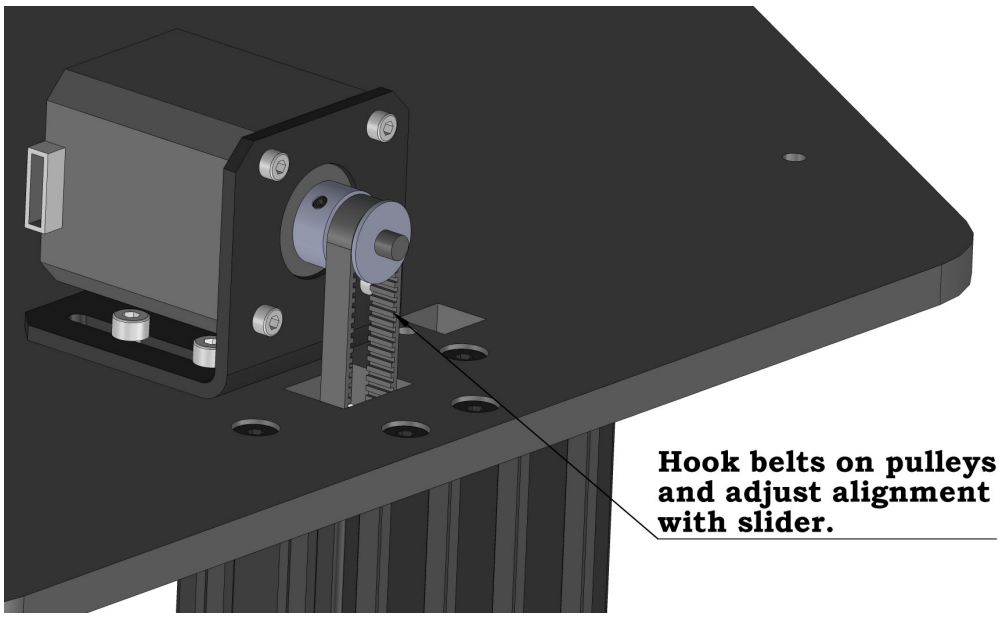


M3 x 6mm - 12
20T Pulley - 3




Locking set screw
20T Drive Pulley

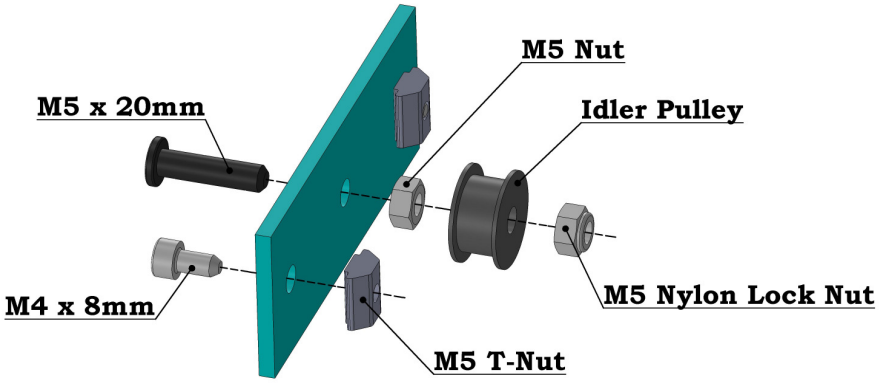
X 3


Hook belts on pulleys
and adjust alignment
with slider.

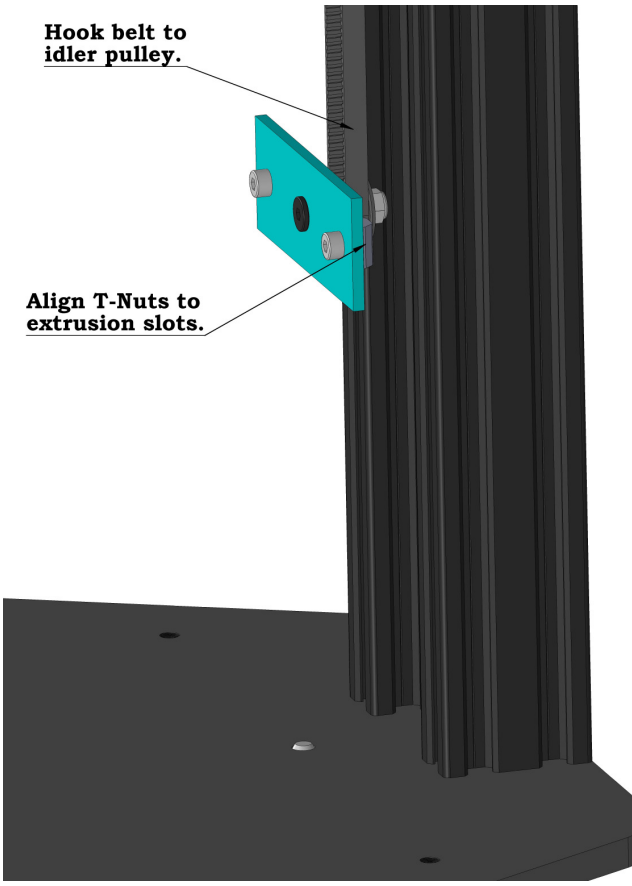
X 3

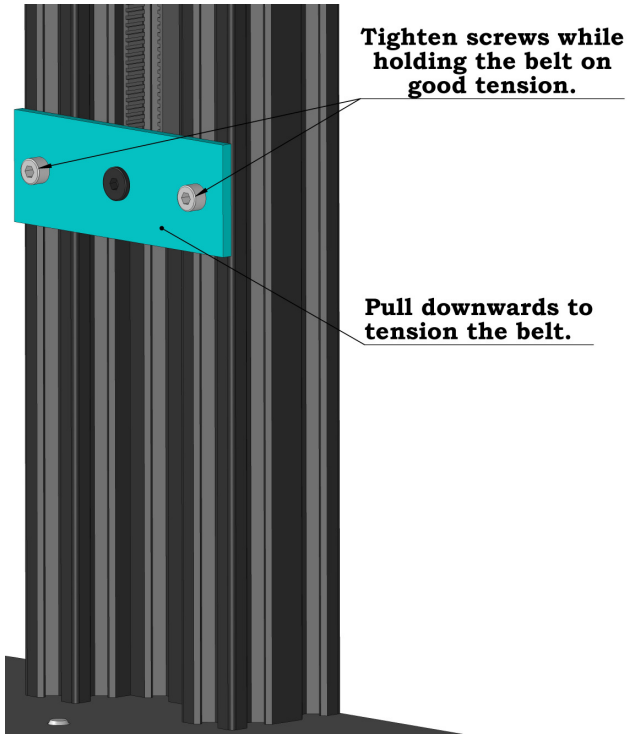
BAG A-2-1

Pre-Assembled



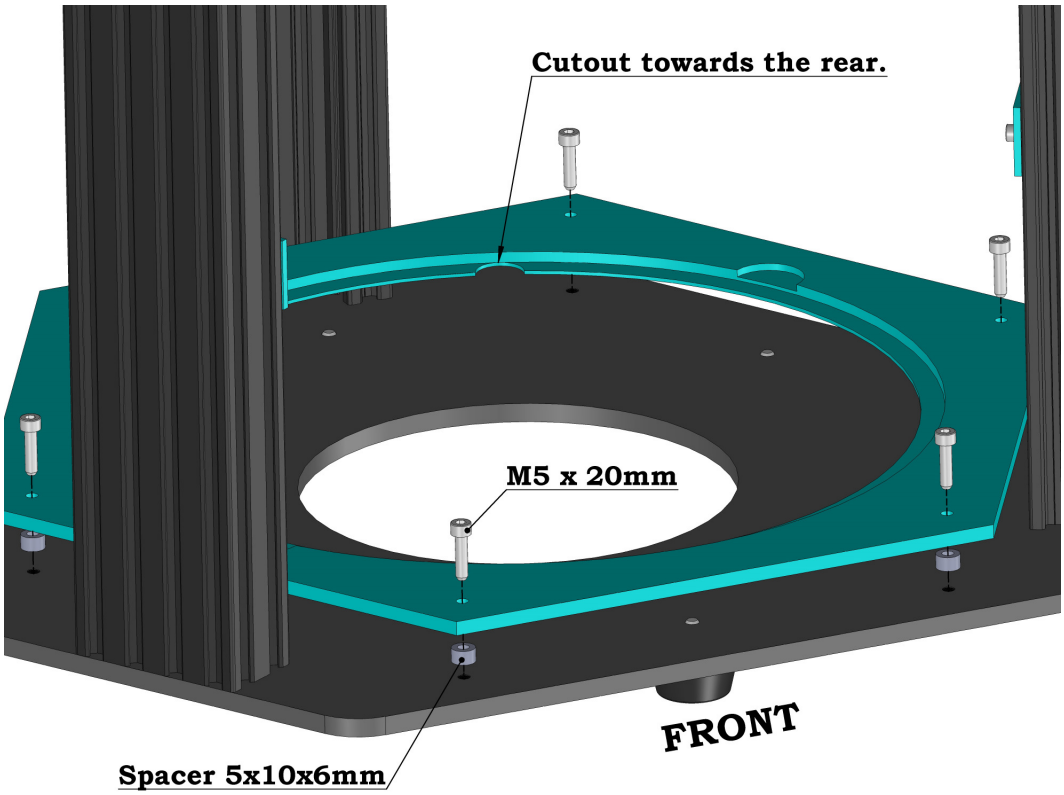
X 3





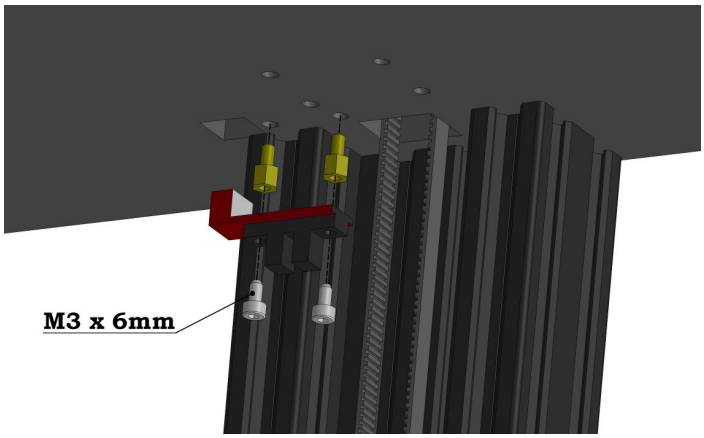
BAG B-3-2

M5 x 20mm - 6
Spacer - 6
Bed Frame - 1
Heat Bed - 1



BAG A-9-1

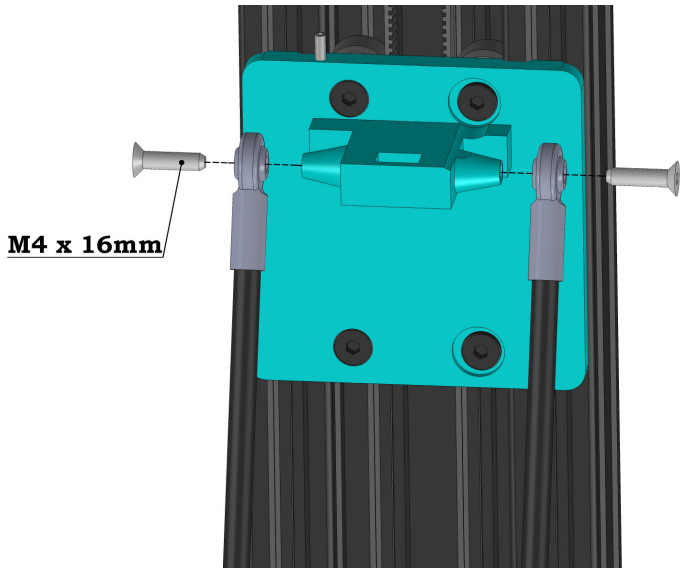
M3 x 6mm - 6
Brass Standoff - 6
Optical Endstop - 3



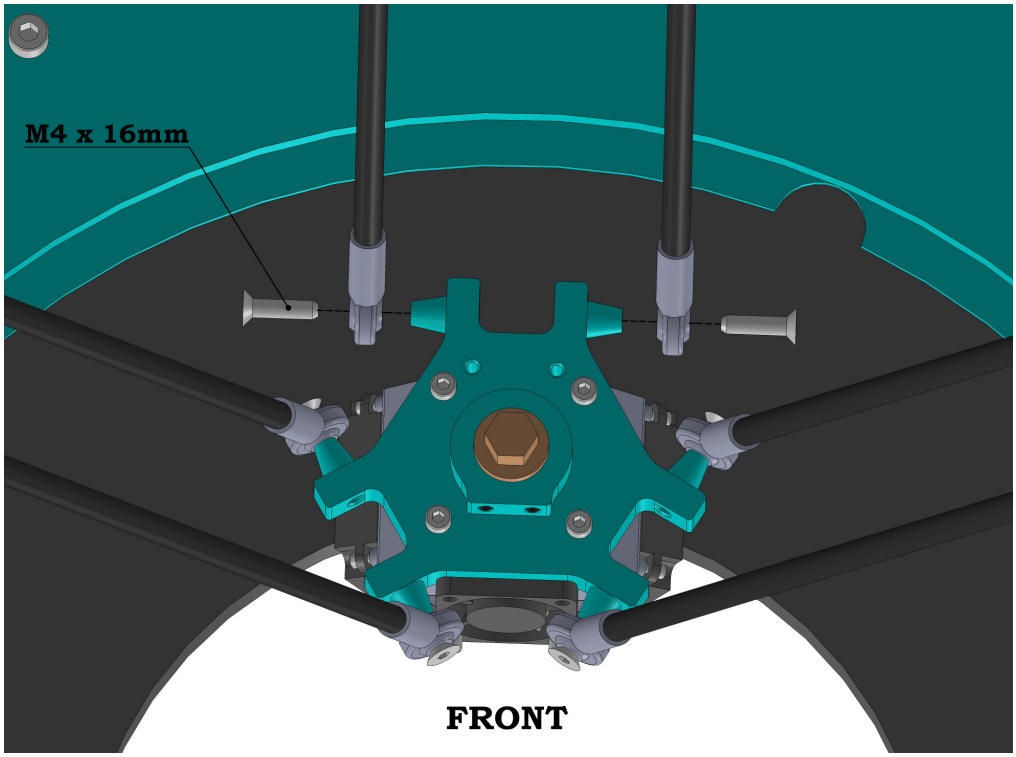
X 3

BAG A-7

M4 x 16mm - 12
Connecting Rod - 6

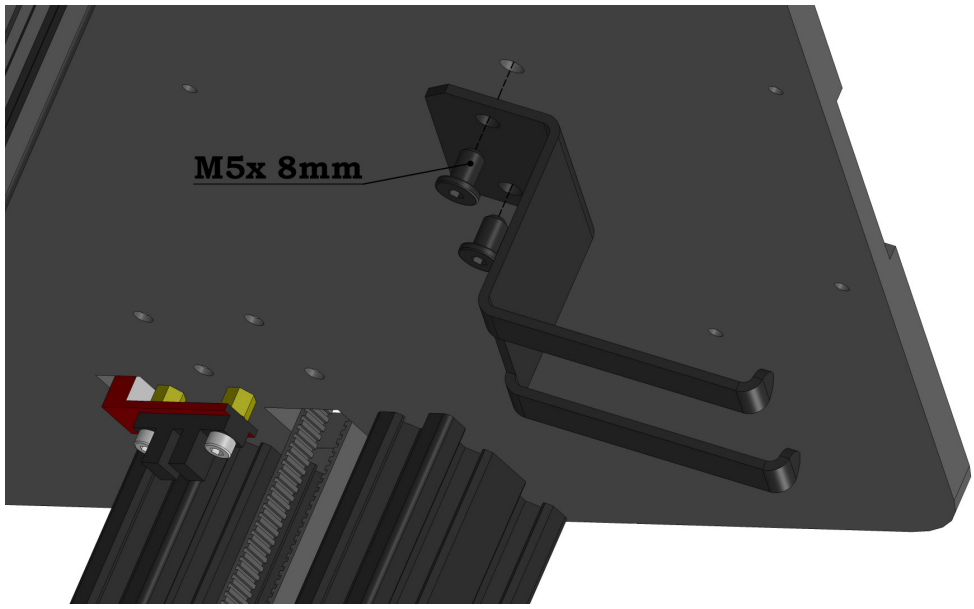


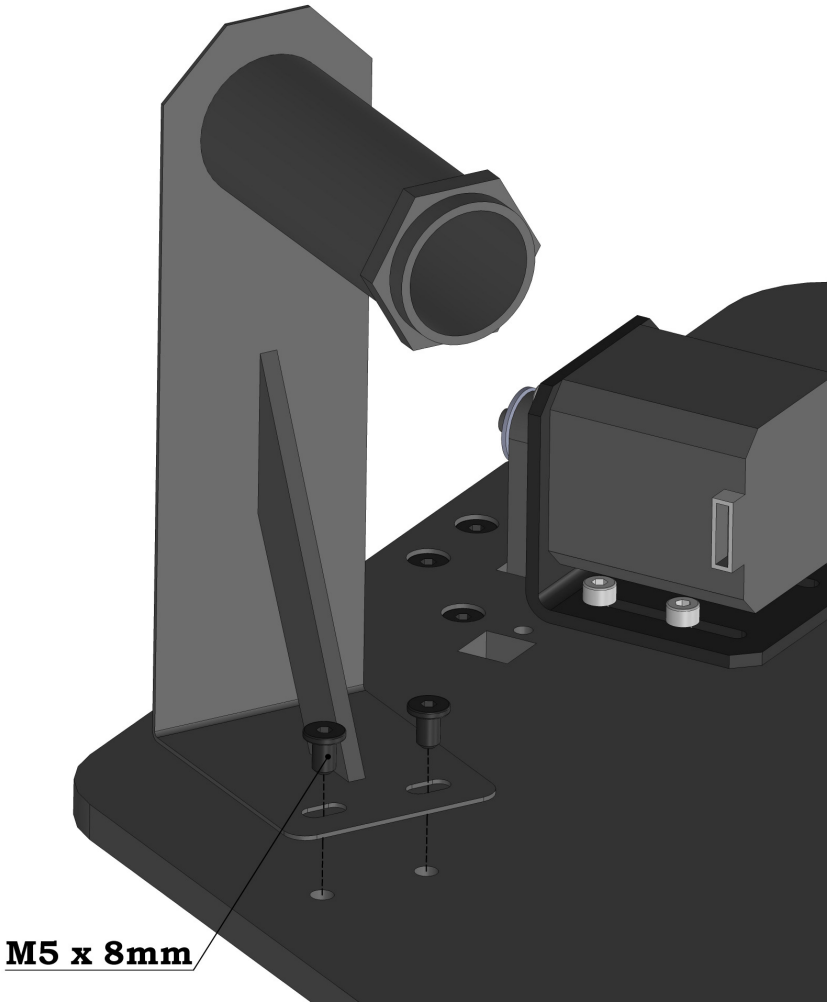
X 3



BAG A-1

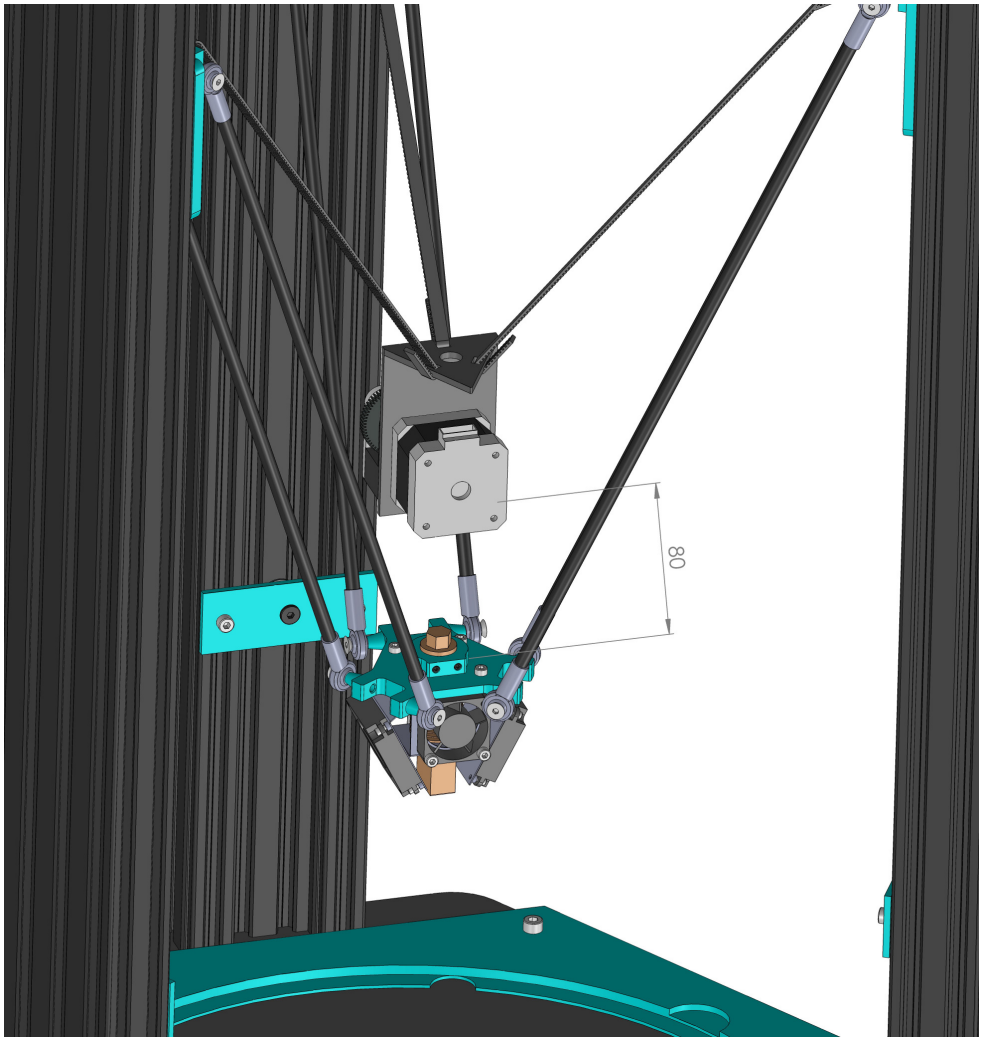
M5 x 8mm - 4



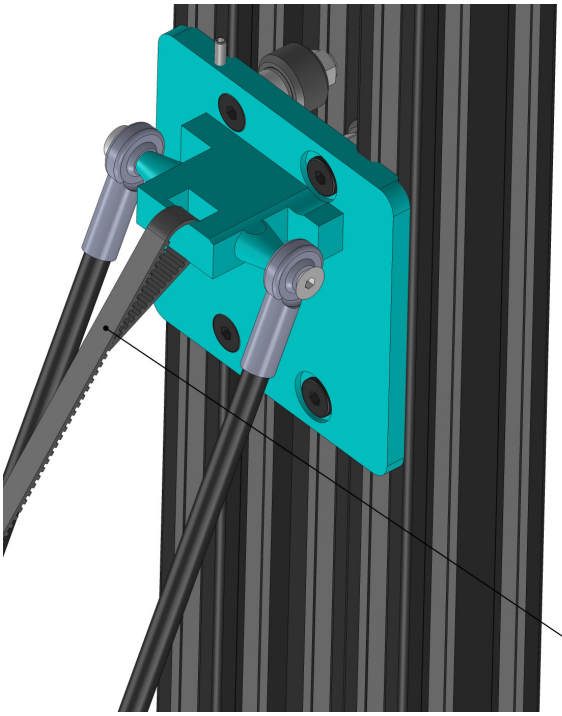


BAG A-13

Extruder - 1
Belt - 3



Note: Pre-cut and insert PTFE tube into hotend making sure it is FULLY inserted.

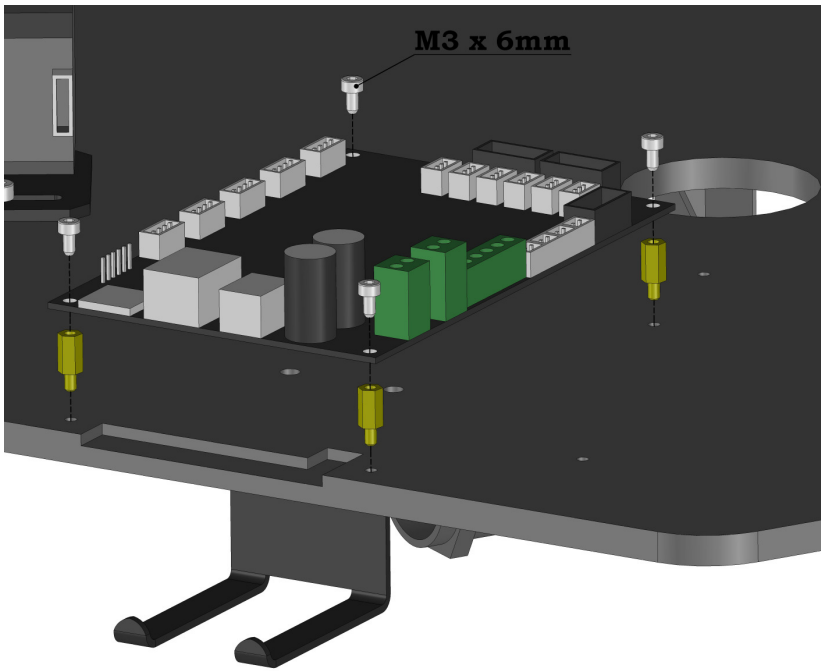


X 3

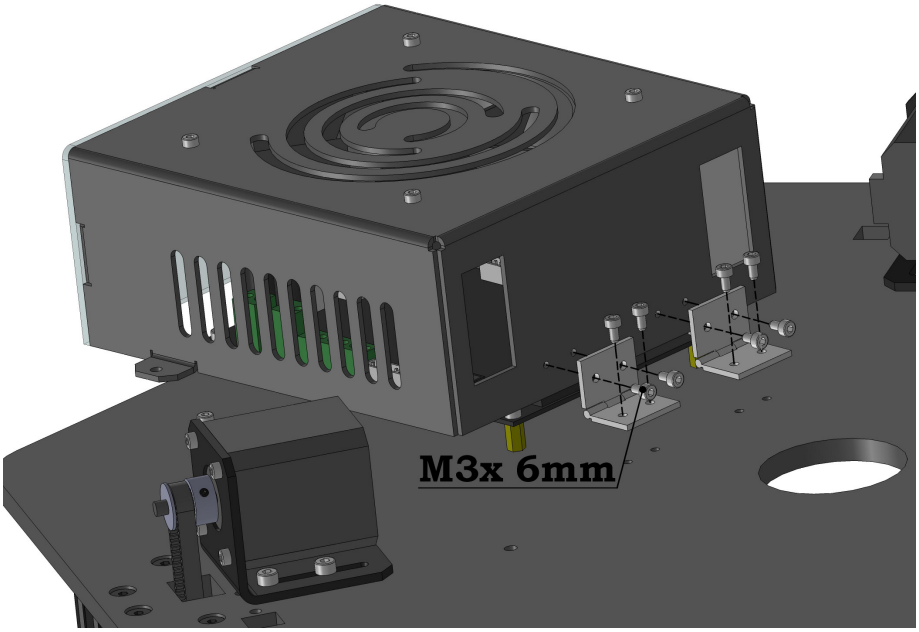
Cable-Tie extruder belt end to slider.

BAG A-3

M3 x 6mm - 4
Brass Standoff - 4

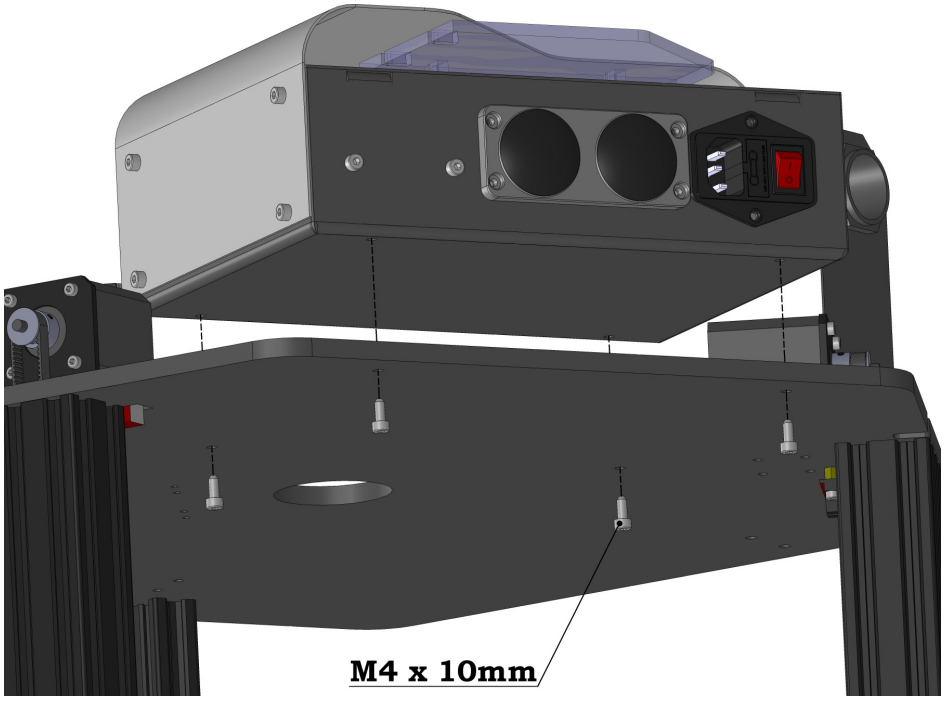


M3 x 6mm - 10

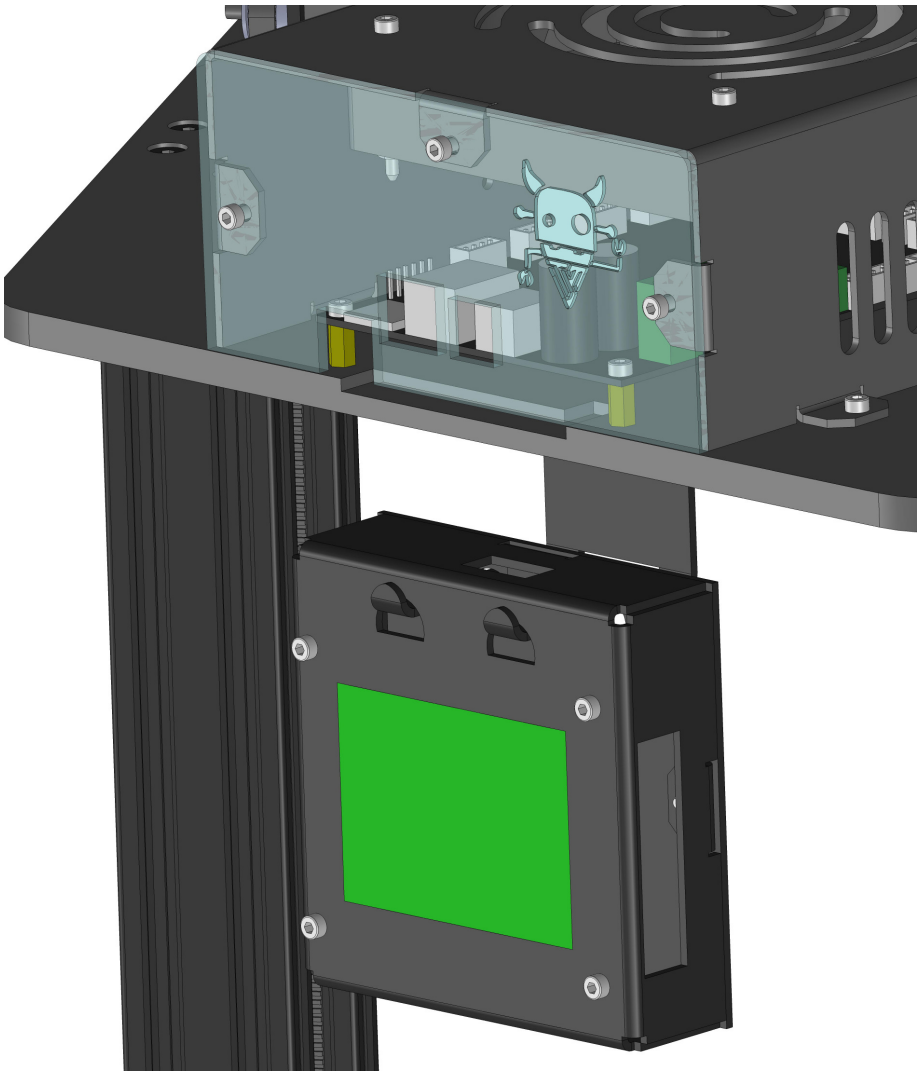


BAG A-4

M4 x 10mm - 4
Power Supply Box - 1

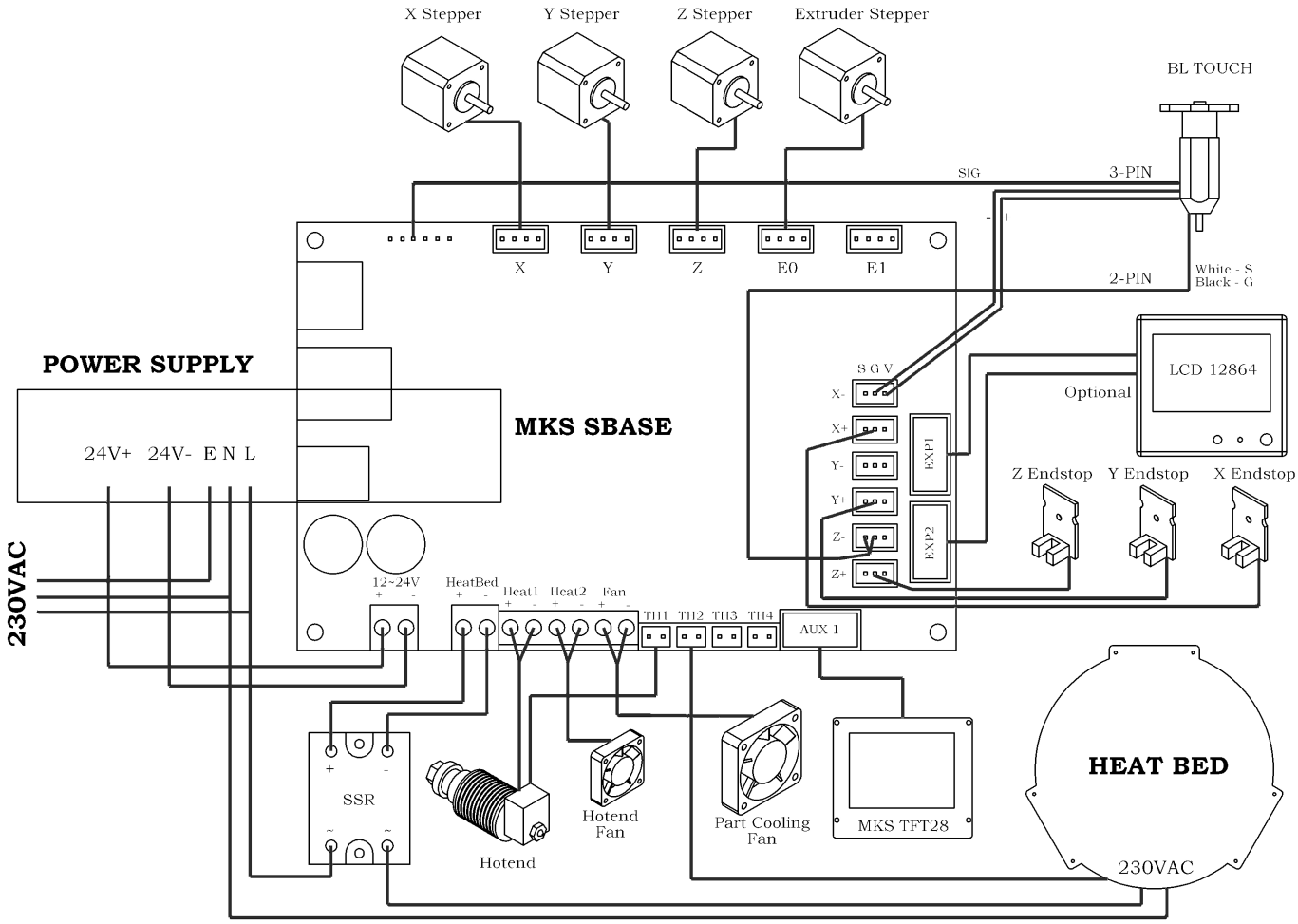


BAG A-5



Note: Connect touch-screen ribbon cable to Aux 1 of main control board.

ELECTRICAL WIRING

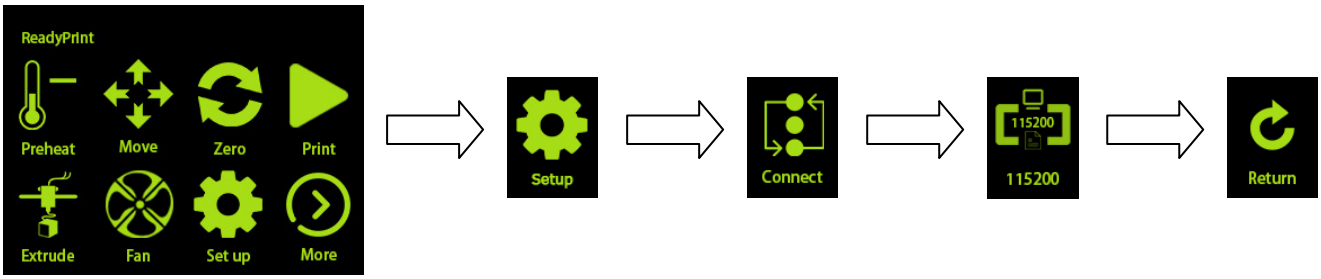


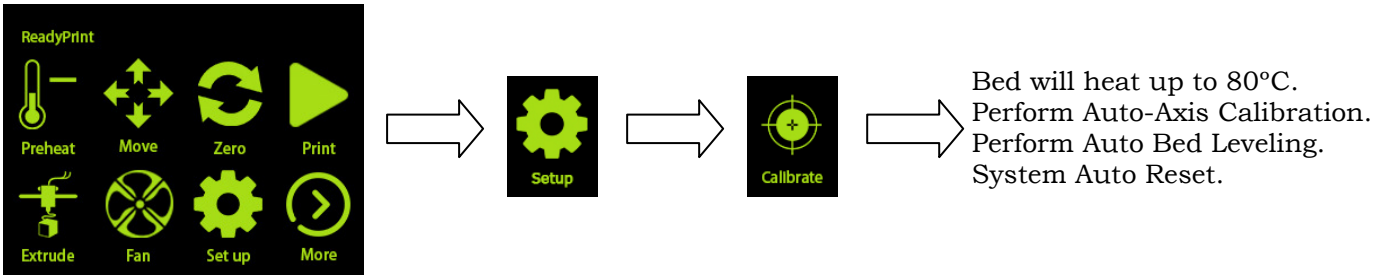
1) Connect the 4-pins cable sockets from Power Supply box to Main Control Board box.

2) Connect the 2-pins cable sockets from Power Supply box to Heat Bed connector.

3) Connect the 2-pins white thermistor cable from Sbase TH2 to Heat Bed.

FIRST POWER ON & AUTO-CALIBRATION

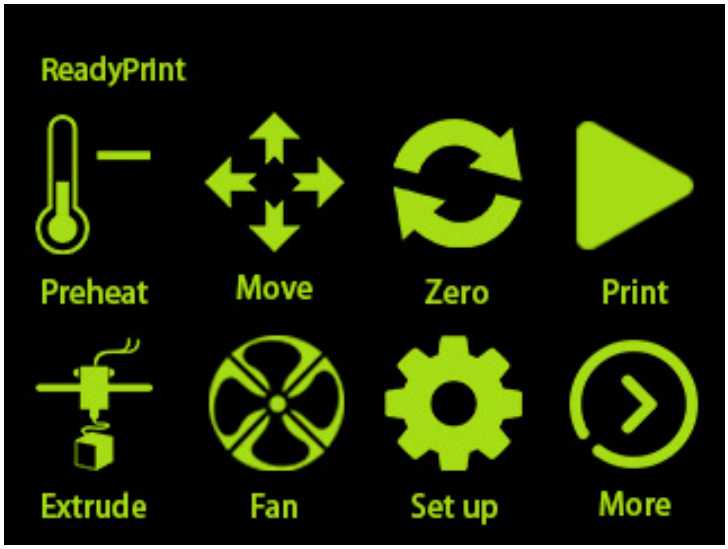




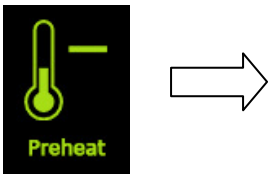
Bed will heat up to 80°C.
Perform Auto-Axis Calibration.
Perform Auto Bed Leveling.
System Auto Reset.

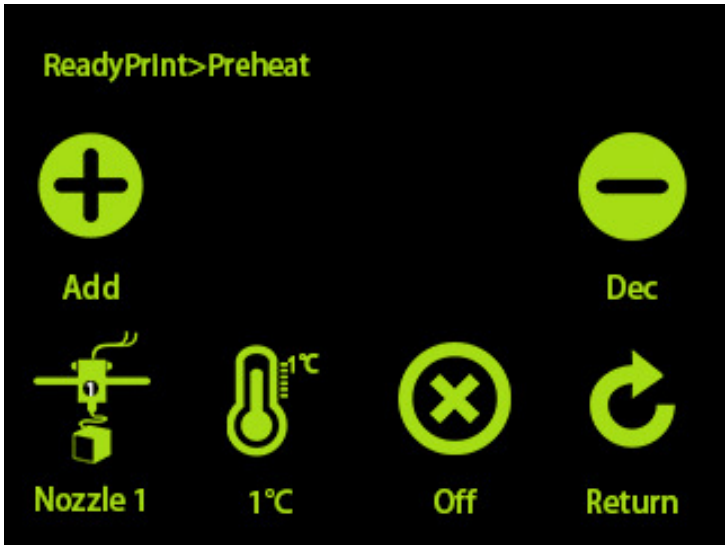
TOUCH SCREEN OPERATIONS

MAIN MENU

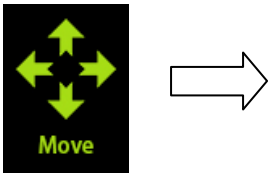


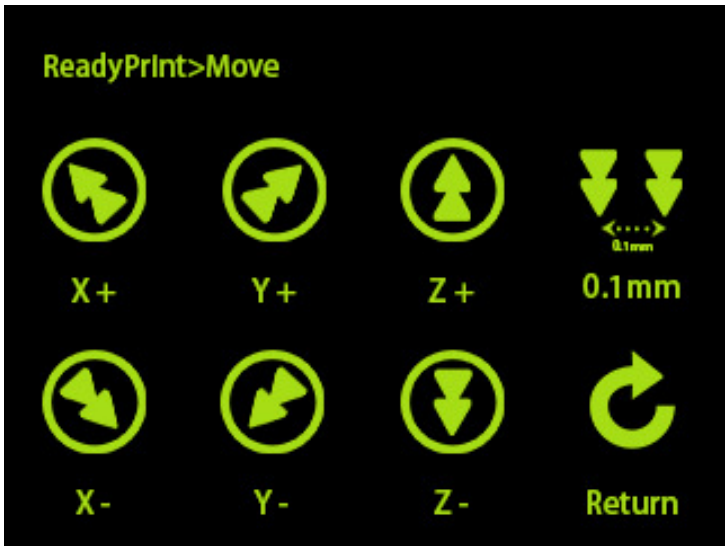
SUB-MENU





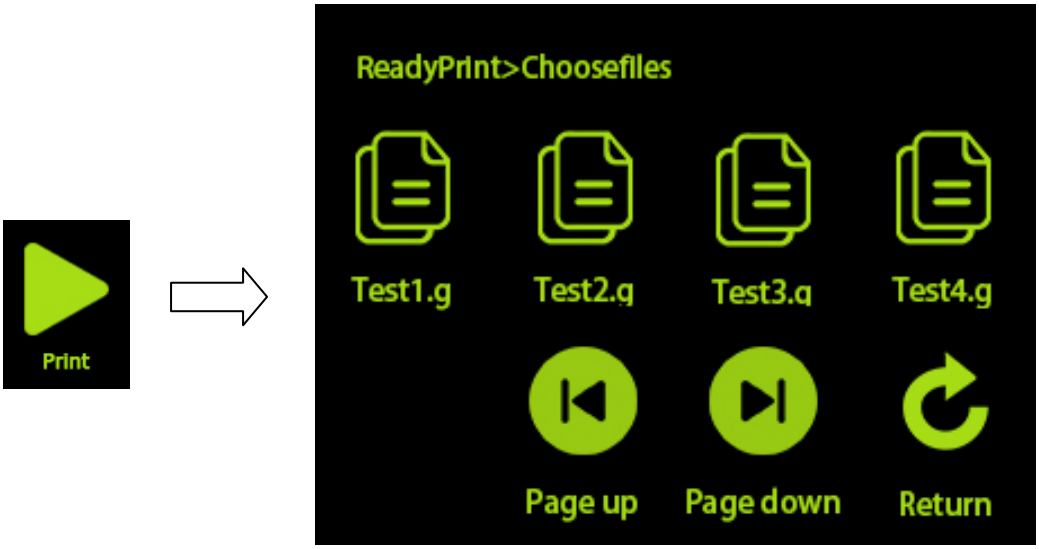
Manual heat control of hotend & heat bed temperatures.



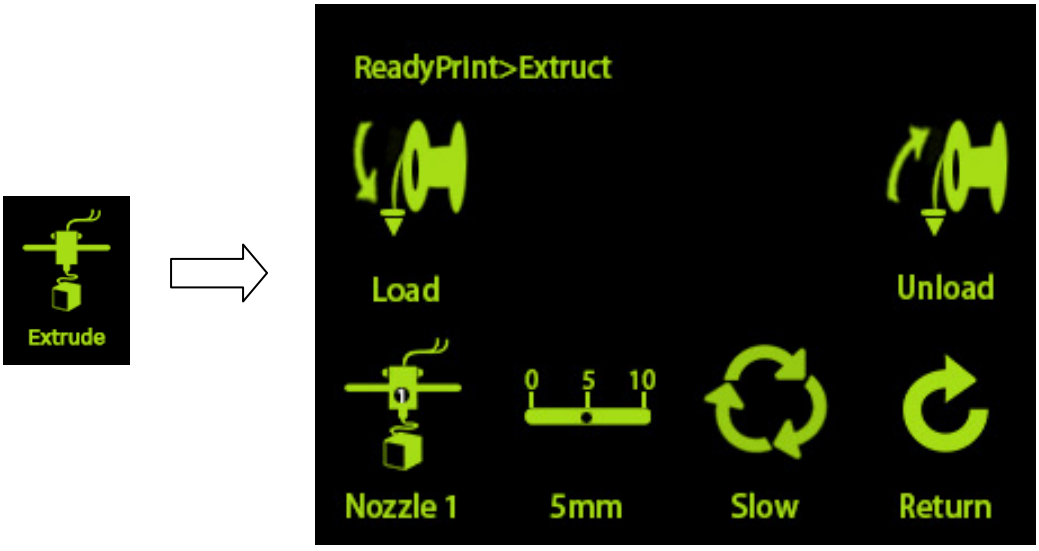


Manual movements of all X,Y,Z axis

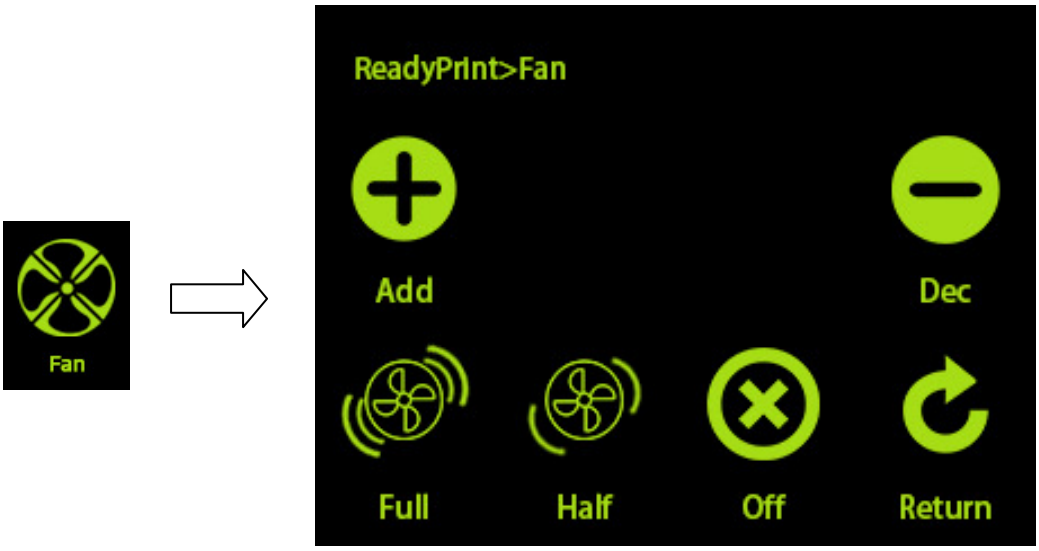
Manual homing of all axis



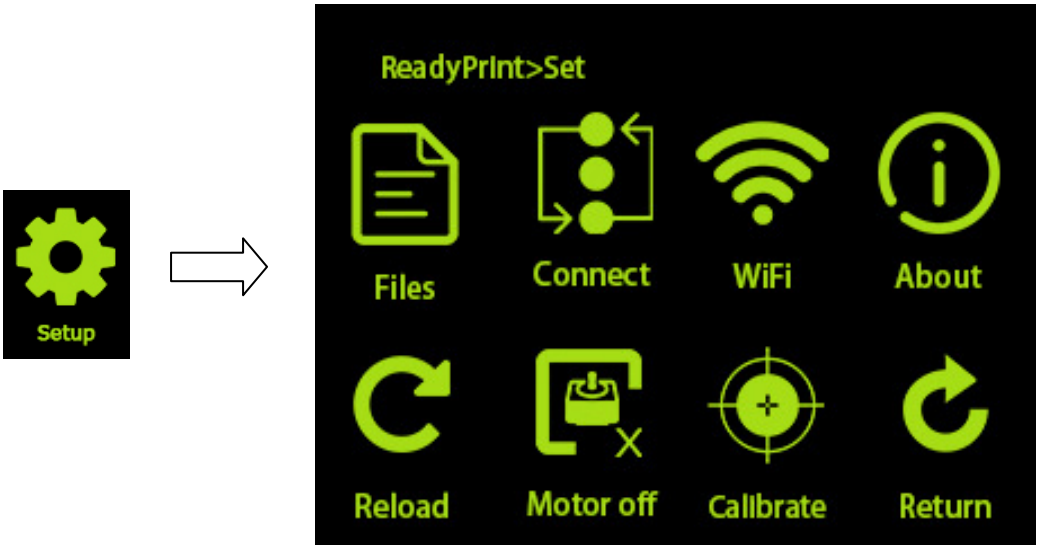
Printing file selections



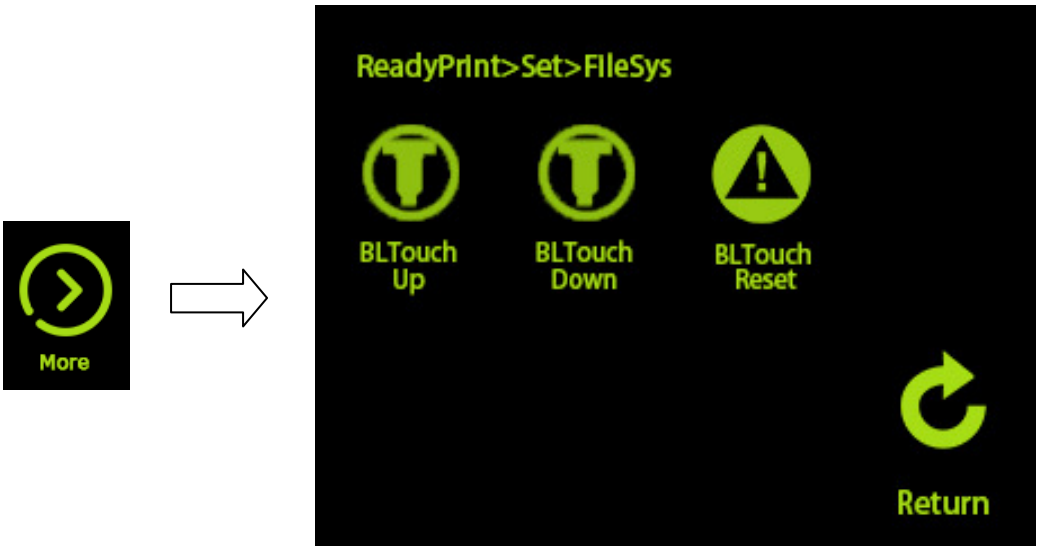
Manual filament extrusion & retract



Part cooling fan manual control

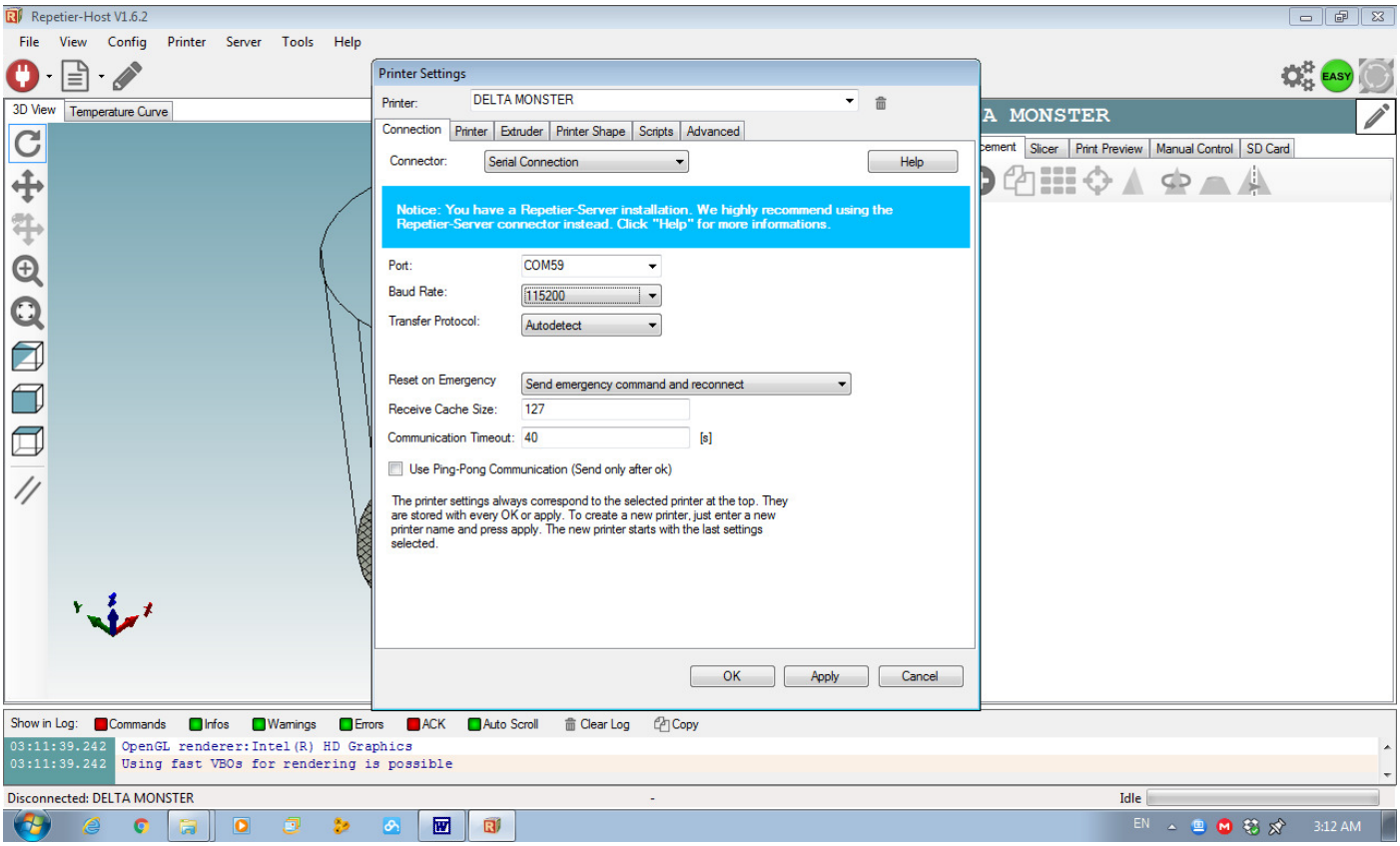


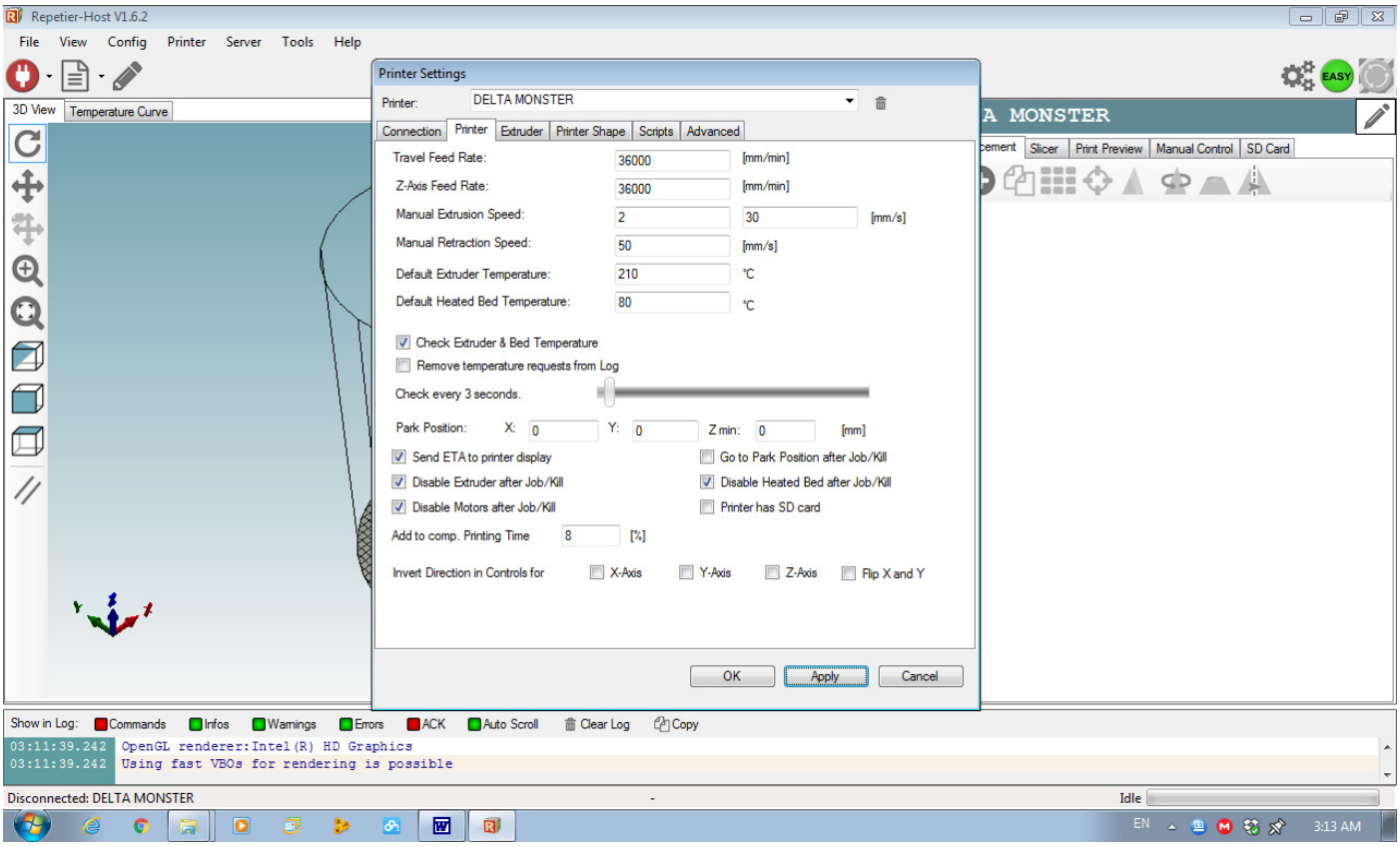
Setup & Special functions

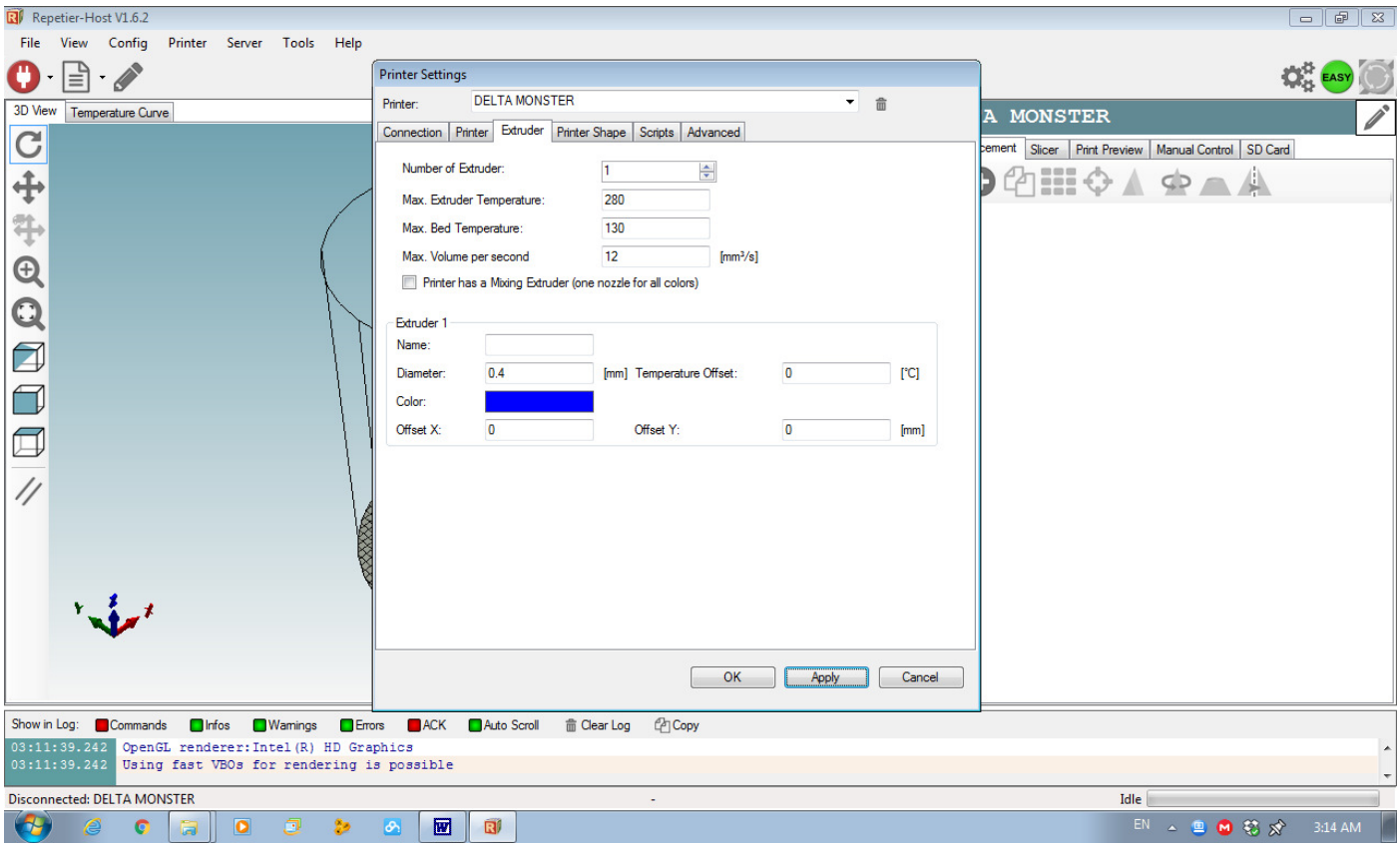


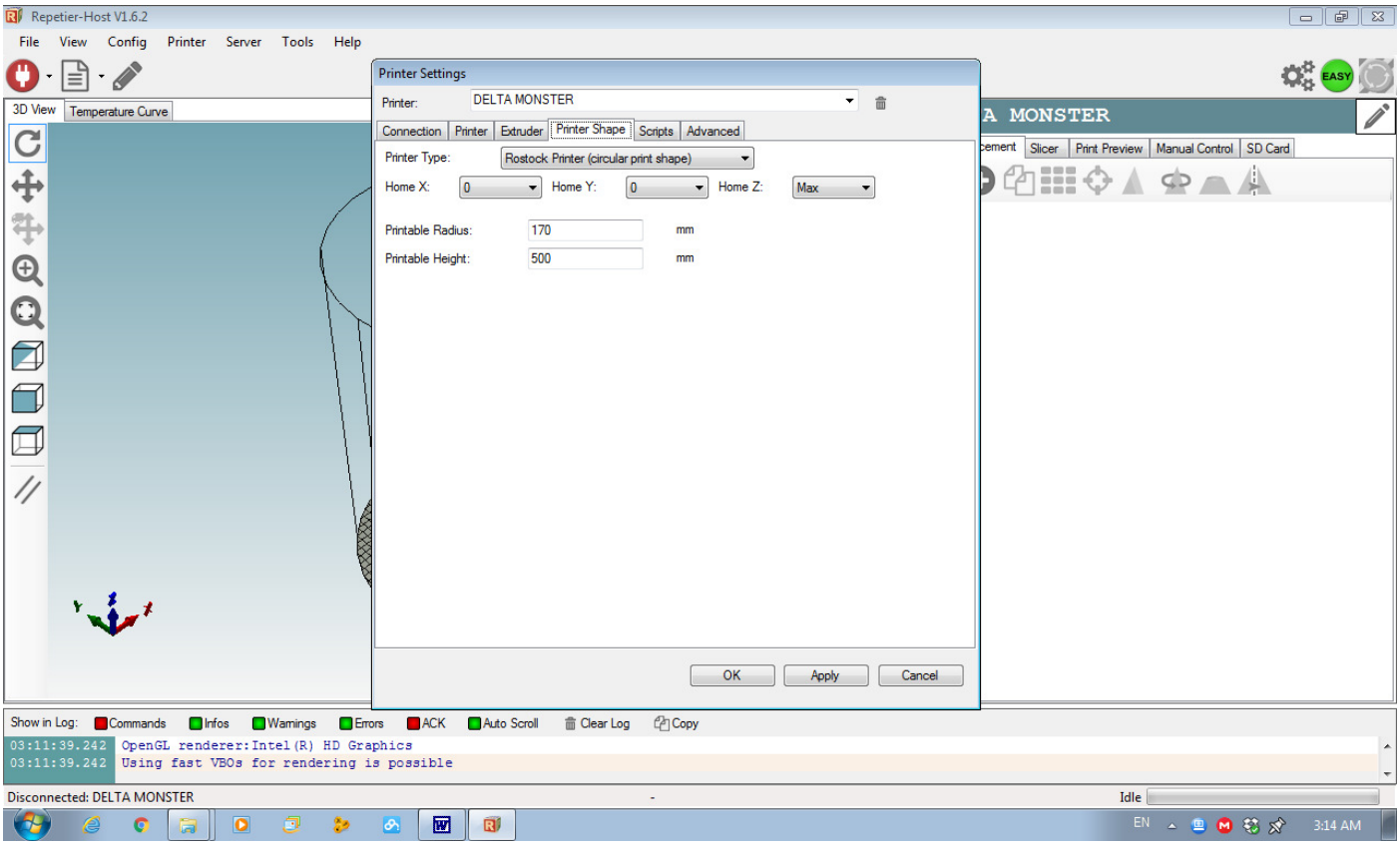
Additional BLTouch functions

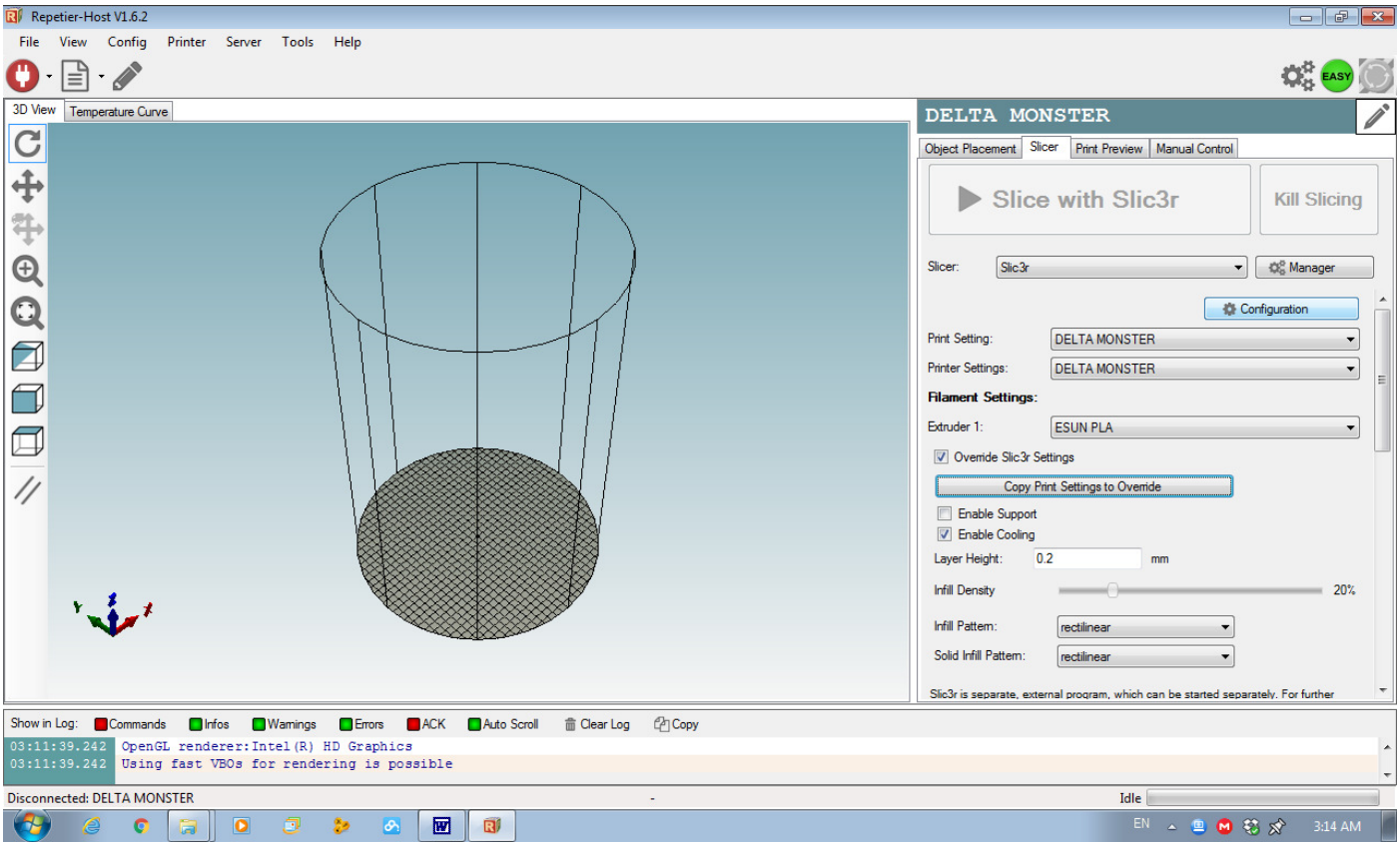
REPETIER HOST SETUP



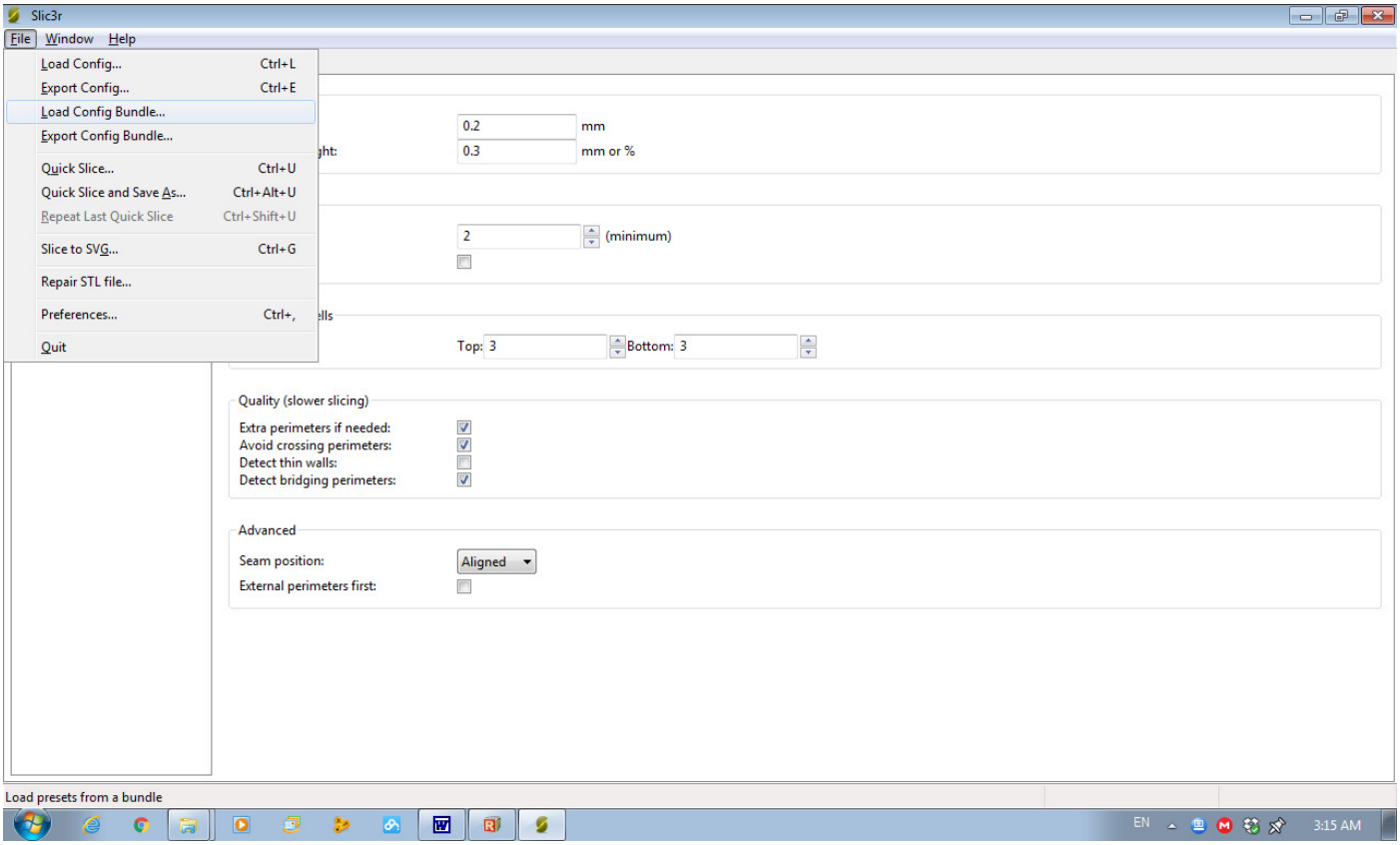



Repetier-Host V1.6.2
File View Config Printer Server Tools Help
3D View Temperature Curve
Printer Settings
Printer: DELTA MONSTER
Connection Printer Extruder Printer Shape Scripts Advanced
Number of Extruder: 1
Max. Extruder Temperature: 280
Max. Bed Temperature: 130
Max. Volume per second 12 [mm³/s]
Printer has a Mixing Extruder (one nozzle for all colors)
Extruder 1
Name:
Diameter: 0.4 [mm] Temperature Offset: 0 [°C]
Color:
Offset X: 0 Offset Y: 0 [mm]
OK Apply Cancel
A MONSTER
Slicer Print Preview Manual Control SD Card
Show in Log: Commands Infos Warnings Errors ACK Auto Scroll Clear Log Copy
03:11:39.242 OpenGL renderer:Intel(R) HD Graphics
03:11:39.242 Using fast VBOs for rendering is possible
Disconnected: DELTA MONSTER
Idle
3:14 AM

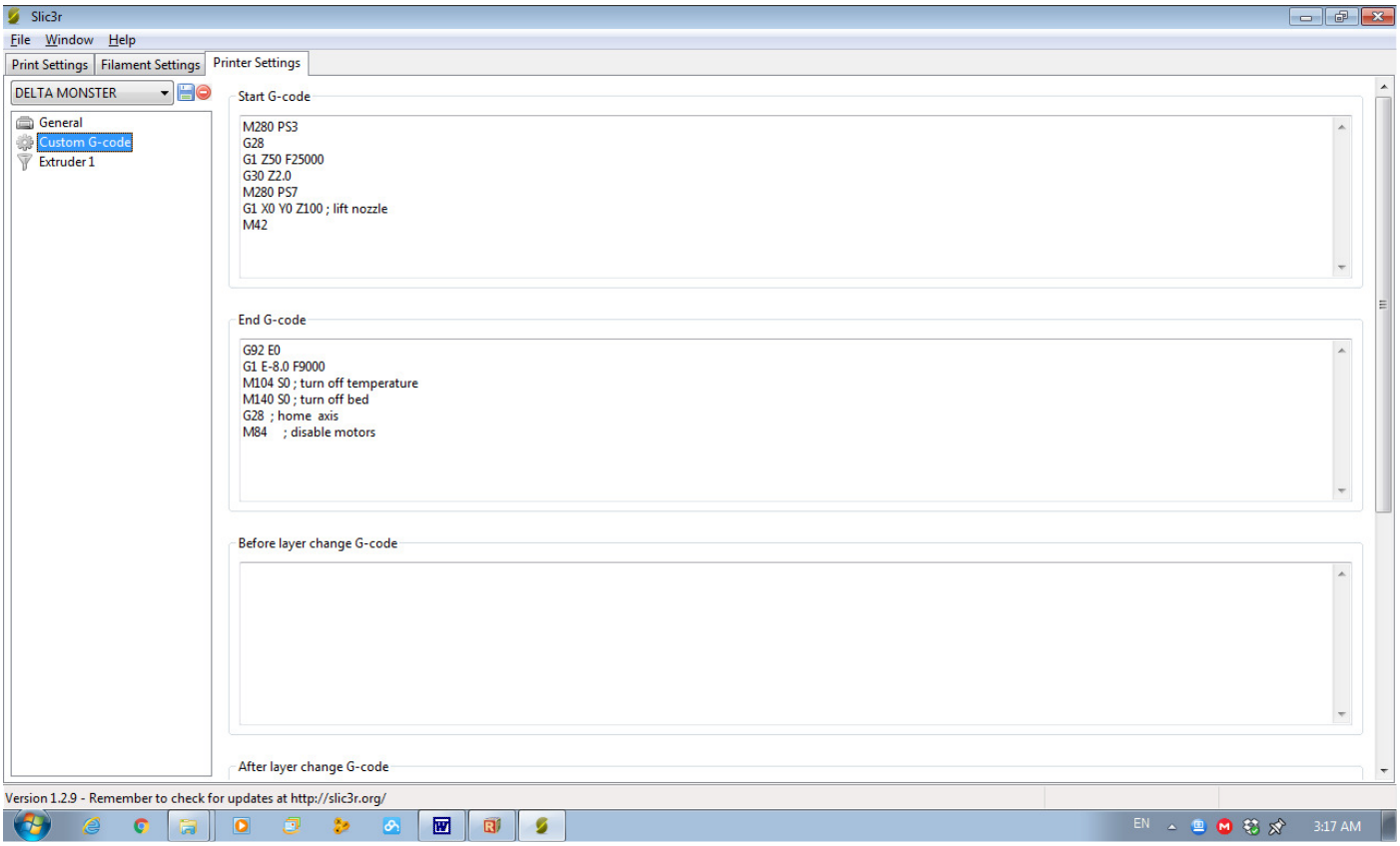

Repetier-Host V1.6.2
File View Config Printer Server Tools Help
3D View Temperature Curve
Printer Settings
Printer: DELTA MONSTER
Connection Printer Extruder Printer Shape Scripts Advanced
Printer Type: Rostock Printer (circular print shape)
Home X: 0 Home Y: 0 Home Z: Max
Printable Radius: 170 mm
Printable Height: 500 mm
OK Apply Cancel
A MONSTER
Slicer Print Preview Manual Control SD Card
Show in Log: Commands Infos Warnings Errors ACK Auto Scroll Clear Log Copy
03:11:39.242 OpenGL renderer:Intel(R) HD Graphics
03:11:39.242 Using fast VBOs for rendering is possible
Disconnected: DELTA MONSTER
Idle
3:14 AM



Select "Slic3r" as slicer.
Click "Configuration".



Go to "File" and click "Load Config Bundle".
Select and load "Monster.ini" from SD card.
Rename print setting, filament, printer to Monster and save.



Recommended starting and ending Gcode for printing.

G30 Z2.0 indicate BLTouch trigger point is 2mm below nozzle tip.
Please adjust this value according to the first layer print result.
Increase this value will lower nozzle closer to bed. (Example: G30 Z2.0 to G30 Z2.2)
Decrease this value will lift nozzle away from bed. (Example: G30 Z2.0 to G30 Z1.8)