EKA

**Cartesian flat 3D printer settings
for Repetier-Host**

Info

The software is free to download and use for non-commercial purposes (http://www.repetier.com). The older version 1.0.6 is recommended.

There is a settings file for configuring the Repetier Host software available. It is necessary to import the settings file after the installation of Repetier Host. For the settings to take effect, you need to restart Repetier Host after import. Some settings must be configured manually (shown below).

Configuration steps

 (These settings need to be configured only once after software installation)

1. Open software

2. Navigate to the Printer Settings tab

3. Configure settings as shown on the screenshots

Printer Settings

Printer: default

Connection	Printer	Extruder	Printer Shape	Advanced

Connector: Serial Connection

Port: COM11

Baud Rate: 250000

Transfer Protocol: Autodetect

Reset on Connect: DTR low->high->low

Reset on Emergency: Send emergency command and reconnect

Receive Cache Size: 63

☐ Use Ping-Pong Communication (Send only after ok)

The printer settings always correspond to the selected printer at the top. They are stored with every OK or apply. To create a new printer, just enter a new printer name and press apply. The new printer starts with the last settings selected.

OK   Apply   Cancel

Printer Settings

Printer: default ▼ 🗑

| Connection | **Printer** | Extruder | Printer Shape | Advanced |

Travel Feed Rate: 2000 [mm/min]

Z-Axis Feed Rate: 5000 [mm/min]

Manual Extrusion Speed: 2   20 [mm/s]

Manual Retraction Speed: 30 [mm/s]

Default Extruder Temperature: 40 °C

Default Heated Bed Temperature: 0 °C

☐ Check Extruder & Bed Temperature

☐ Remove temperature requests from Log

Check every 3 seconds.

Park Position: X: 0   Y: 0   Z min: 0   [mm]

☐ Send ETA to printer display   ☑ Go to Park Position after Job/Kill

☐ Disable Extruder after Job/Kill   ☐ Disable Heated Bed after Job/Kill

☐ Disable Motors after Job/Kill   ☑ Printer has SD card

Add to comp. Printing Time   8   [%]

Invert Direction in Controls for   ☐ X-Axis   ☐ Y-Axis   ☐ Z-Axis

[OK]   [Apply]   [Cancel]

Printer Settings

Printer: default ▼ 🗑

| Connection | Printer | **Extruder** | Printer Shape | Advanced |

Number of Extruder: 1 ▲▼

Max. Extruder Temperature: 50

Max. Bed Temperature: 120

Max. Volume per second: 12 [mm³/s]

☐ Printer has a Mixing Extruder (one nozzle for all colors)

Extruder 1

Name:

Diameter: 2 [mm]   Temperature Offset: 0 [℃]

Color: ████

Offset X: 0   Offset Y: 0 [mm]

OK   Apply   Cancel

Printer Settings

Printer: lameprinter

| Connection | Printer | Extruder | Printer Shape | Scripts | Advanced |

Printer Type: Classic Printer

Home X: 0   Home Y: 0   Home Z: 0

| X Min | -95 | X Max | 95 | Bed Left: | 0 |
| Y Min | -95 | Y Max | 95 | Bed Front: | 0 |

Print Area Width: 650 mm

Print Area Depth: 800 mm

Print Area Height: 330 mm

The min and max values define the possible range of extruder coordinates. These coordinates can be negative and outside the print bed. Bed left/front define the coordinates where the printbed itself starts. By changing the min/max values you can even move the origin in the center of the print bed, if supported by firmware.
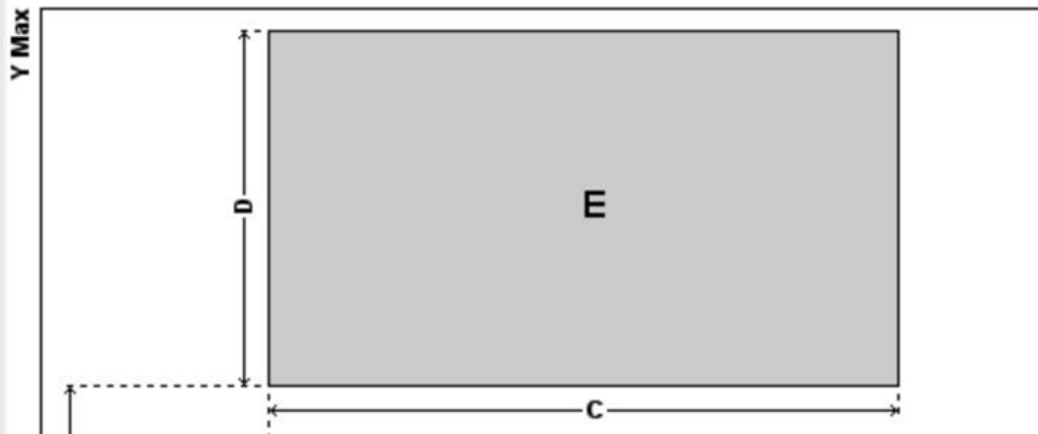
OK   Apply   Cancel

Printer Settings

Printer: default

| Connection | Printer | Extruder | Printer Shape | Advanced |

Post Slice Filter

Filter Path and Parameter:
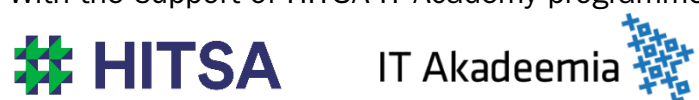
yourFilter #in #out

☐ Run Filter after every Slice

You can run a filter program after each slicing action. The filter will be run on the G-Code produced by the slicer. Use #in and #out to insert the input and output filenames as parameter.

OK   Apply   Cancel

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