Repetier-Host V1.0.6—Printer Settings for the 3DP1000
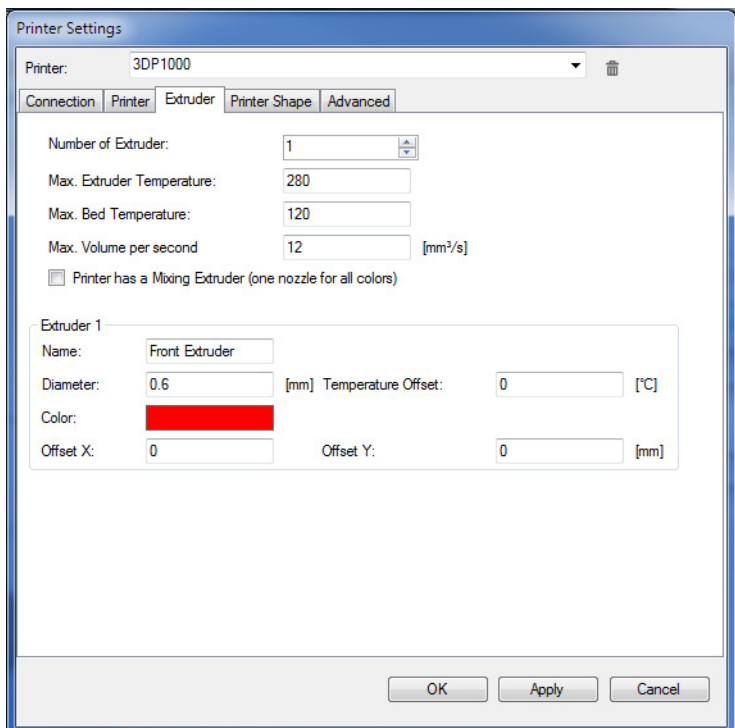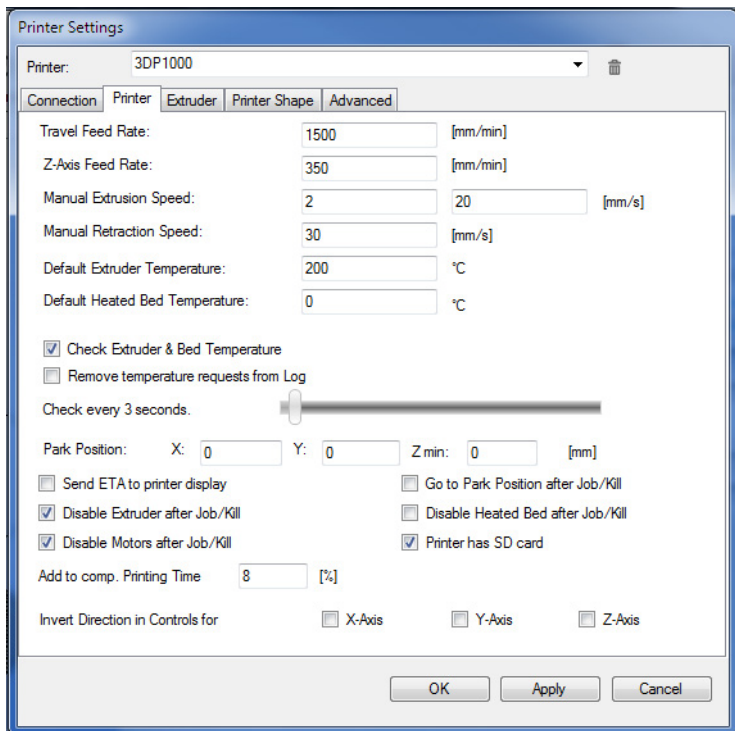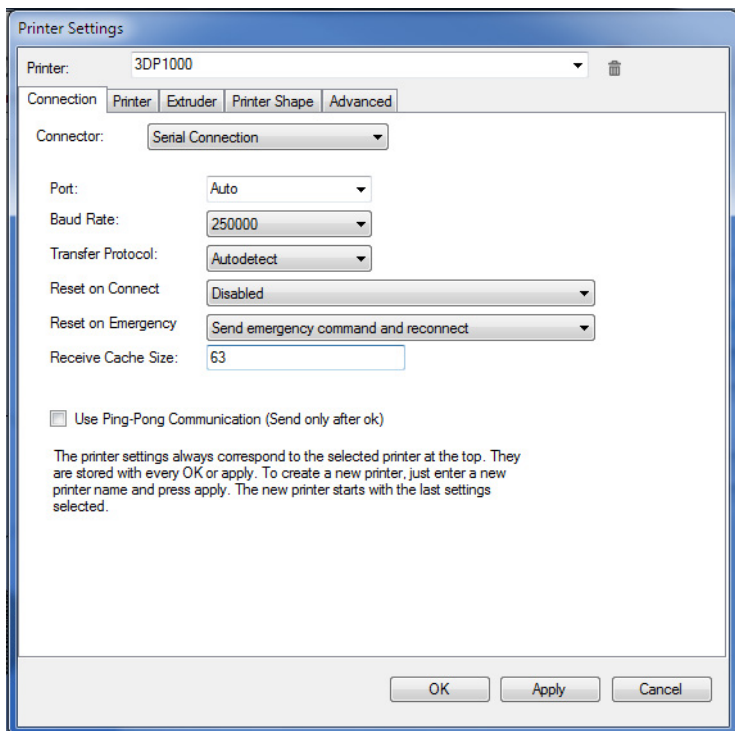
Panel 1 — Connection

Printer Settings

Printer: 3DP1000

Tabs: Connection | Printer | Extruder | Printer Shape | Advanced

Connector: Serial Connection

Port: Auto
Baud Rate: 250000
Transfer Protocol: Autodetect
Reset on Connect: Disabled
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]

Panel 2 — Printer

Printer Settings

Printer: 3DP1000

Tabs: Connection | Printer | Extruder | Printer Shape | Advanced

Travel Feed Rate: 1500 [mm/min]
Z-Axis Feed Rate: 350 [mm/min]
Manual Extrusion Speed: 2   20 [mm/s]
Manual Retraction Speed: 30 [mm/s]
Default Extruder Temperature: 200 °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]

Panel 3 — Extruder (1 extruder)

Printer Settings

Printer: 3DP1000

Tabs: Connection | Printer | Extruder | Printer Shape | Advanced

Number of Extruder: 1
Max. Extruder Temperature: 280
Max. Bed Temperature: 120
Max. Volume per second: 12 [mm³/s]
☐ Printer has a Mixing Extruder (one nozzle for all colors)

Extruder 1
Name: Front Extruder
Diameter: 0.6 [mm]   Temperature Offset: 0 [°C]
Color: (red)
Offset X: 0   Offset Y: 0 [mm]

[OK] [Apply] [Cancel]

OR

Panel 4 — Extruder (2 extruders)

Printer Settings

Printer: 3DP1000

Tabs: Connection | Printer | Extruder | Printer Shape | Advanced

Number of Extruder: 2
Max. Extruder Temperature: 280
Max. Bed Temperature: 120
Max. Volume per second: 12 [mm³/s]
☐ Printer has a Mixing Extruder (one nozzle for all colors)

Extruder 1
Name: Front Extruder
Diameter: 0.6 [mm]   Temperature Offset: 0 [°C]
Color: (red)
Offset X: 0   Offset Y: 0 [mm]

Extruder 2
Name: Back Extruder
Diameter: 0.6 [mm]   Temperature Offset: 0 [°C]
Color: (black)
Offset X: 0   Offset Y: 0 [mm]

[OK] [Apply] [Cancel]

Panel 5 — Printer Shape

Printer Settings

Printer: 3DP1000

Tabs: Connection | Printer | Extruder | Printer Shape | Advanced

Printer Type: Classic Printer
Home X: 0   Home Y: 0   Home Z: 0

X Min: 0   X Max: 1000   Bed Left: 0
Y Min: 0   Y Max: 1000   Bed Front: 0
Print Area Width: 1000 mm
Print Area Depth: 1000 mm
Print Area Height: 500 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]

Panel 6 — Advanced

Printer Settings

Printer: 3DP1000

Tabs: 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]