

PrintrBot Simple Metal Extended

Description

This printer has been modified with a heated bed. Despite it's rugged looks, it is one of our most reliable printers.

Instructions

Software

For best results, use **Ultimaker Cura** with the following settings:

Go to **Settings->Add Printer**

Under **Other** select **PrintrBot Simple Metal Extended**

Click **Add Printer**

Turning it On

Plug in the power supply. It doesn't have a power switch.

Leveling the Bed

This printer is equipped with a bed leveling sensor. If the extruder head bed clearance is more than 0.25mm then it needs to be adjusted. Please leave adjustments to the 3D printer admins.

Loading and Unloading Filament

1. Preheat the hot end. It's much easier to use the Repetier print server controls so you can monitor temperature.
2. When the hot end temperature exceeds 170C press down on the lever on the extruder and gently pull the filament from the extruder.
3. Insert the new filament in the same manner, holding down the lever until the filament is fully inserted into the hot end.

Printing

Log In to the Repetier print server at <http://10.1.1.21>

Troubleshooting

- Unplug the printer.
- Place a prominent note on it describing the problem.
- Let someone know through the #3dprinters channel on Slack.

Specifications

Size	150x150x150mm
Extruder	Single 0.4mm
Drive	Direct
Heated Bed	Yes
Resolution	100 microns (0.1mm)
Filament	1.75mm
Materials Supported	PLA, ABS
Formats	gcode
Software	Cura, Slic3r
Connections	Repetier @ http://10.1.1.21

Support

MakerSmiths	Mike O'Brien
-------------	------------------------------