# **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