



3D PRINTER

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TITLE: How to add Heating bed for D5 series printer?

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1.0 Purpose

Original D5 series printer do not contain heating board plate(HBP). To print bigger ABS object by D5 series printer, we will have to add the HBP to reduce the deformation rate and ensure ABS stick to the printing plate.

2.0 Scope

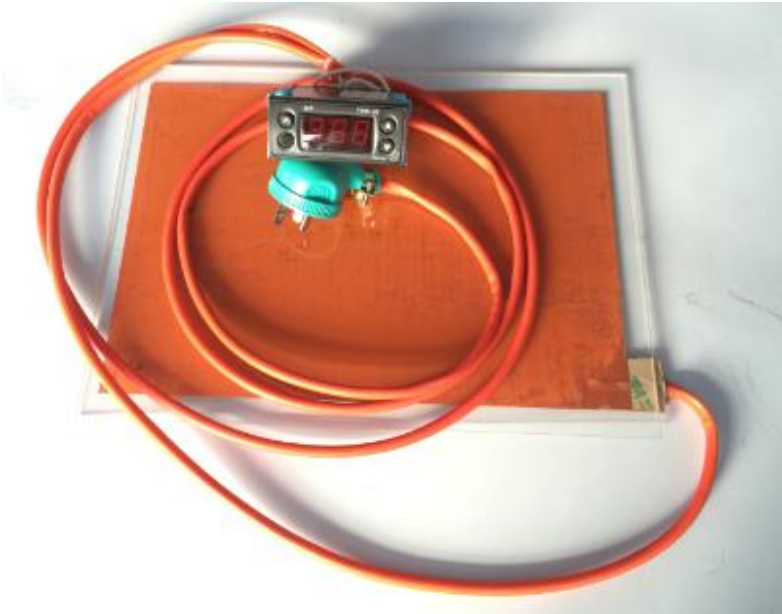
This document establishes the specifications required for D5S, D5S Mini.

3.0 Tools required.

One piece silicon glass plate



One piece rubber heating pad with temperature control system.



Eight pieces Magnetic



4.0 Installation procedure

4.1 Take the original acrylic plate off the printer

The original acrylic plate would deform when the temperature reach 60 degrees centigrade. So take it off the printer first.



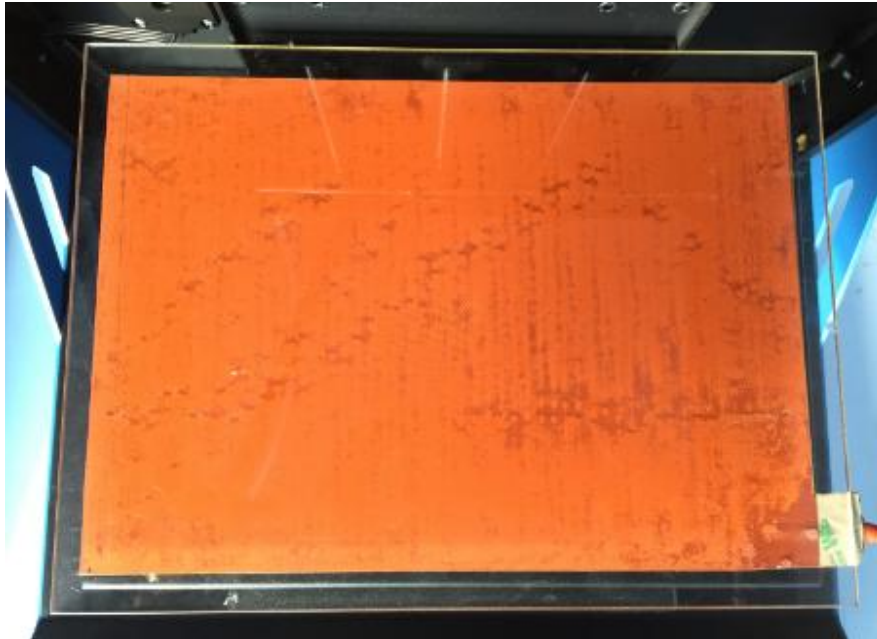
4.2 To put 4 magnetic onto the lower steel plate.

To secure 4 magnetic on to the lower steel plate. Make sure they are located at edge of the plate. So when you put another 4 magnetic onto the HBP to lock the plate, they will not affect the printing.

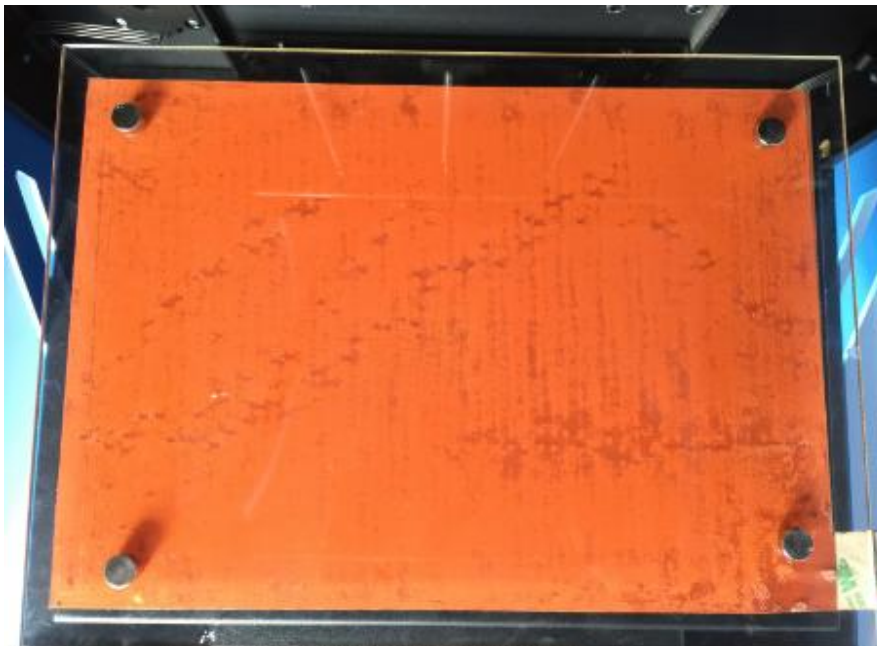


4.3 To add the HBP on the top of 4 magnetic.

To secure 4 magnetic on to the lower steel plate



4.4 To put 4 magnetic onto the upper side of HBP.
The 4 magnetic would lock the HBP on the platform.



4.5 Check the video on how to amount the HBP.

<https://www.youtube.com/watch?v=QqS2iuUCQn8>

5.0 Revisions

A – Initiate: 01/21/15 by: Manolo