

Original Prusa i3 MK3 ENCLOSURE - Ikea STUVA



Dr_Eamy

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 7. 2. 2022

Summary

Original Prusa i3 MK3 ENCLOSURE - made from stuva parts Ikea work in progress... from IKEA part list norwegian...

[Hobby & Makers](#) > [Other Ideas](#)

Tags: [prusa](#) [prusai3](#) [ikea](#) [enclosure](#) [cabinet](#) [prusai3mk3](#)

Original Prusa i3 MK3 ENCLOSURE - made from stuva parts Ikea
work in progress...

from IKEA

part list norwegian numbers 1 x STUVA frame Artikkelnummer:
301.573.772 x STUVA GRUNDLIG Shelf Artikkelnummer: 001.286.97 2 x
SINDVIK Vitrinedør Artikkelnummer: 902.918.582 x BESTÅ Hengsel
Artikkelnummer: 802.612.58 4 x STUVA GRUNDLIG Skuff Artikkelnummer:
701.286.892 x FÖLJA Skuffefront Artikkelnummer: 803.207.57

from the lumber yard

2 boards about 98mm wide and 12-18mm thick and 192cm long
2 boards same whit and thiknes as abov but ca 62cm long(depends on thickness)

1 plywood 192 x ca 62, and 4-12mm i use cradle grade plywood as its relay cheep where i liv.

Note

The Stuva frame is not deep enough to fit the printer, so the frame needs to be extended / deepen by adding the plywood and bords above then the printer will fit nice as the cabinet now is 58,5cm deep.

Glue and brad nail the extra frame to the back of the Stuva frame, and add the plywood to the new extension.

Paint before adding plywood.

The cabinet is now about 95mm deeper, and the extra depth behind the drawers fine to mount power-cord and raspberry pi led driver and stuff.

Things to Print

1. Camera case for the raspberry pi cam
2. STUVA-raspberry-cam-ball-mount , infil: 70% support:no
3. STUVA-spring-steel-sheet-holder.stl infil: 20% support:no (for mounting extra print sheet)

Print Settings

Printer Brand:

Prusa

Printer:

i3 MK3

Supports:

Doesn't Matter

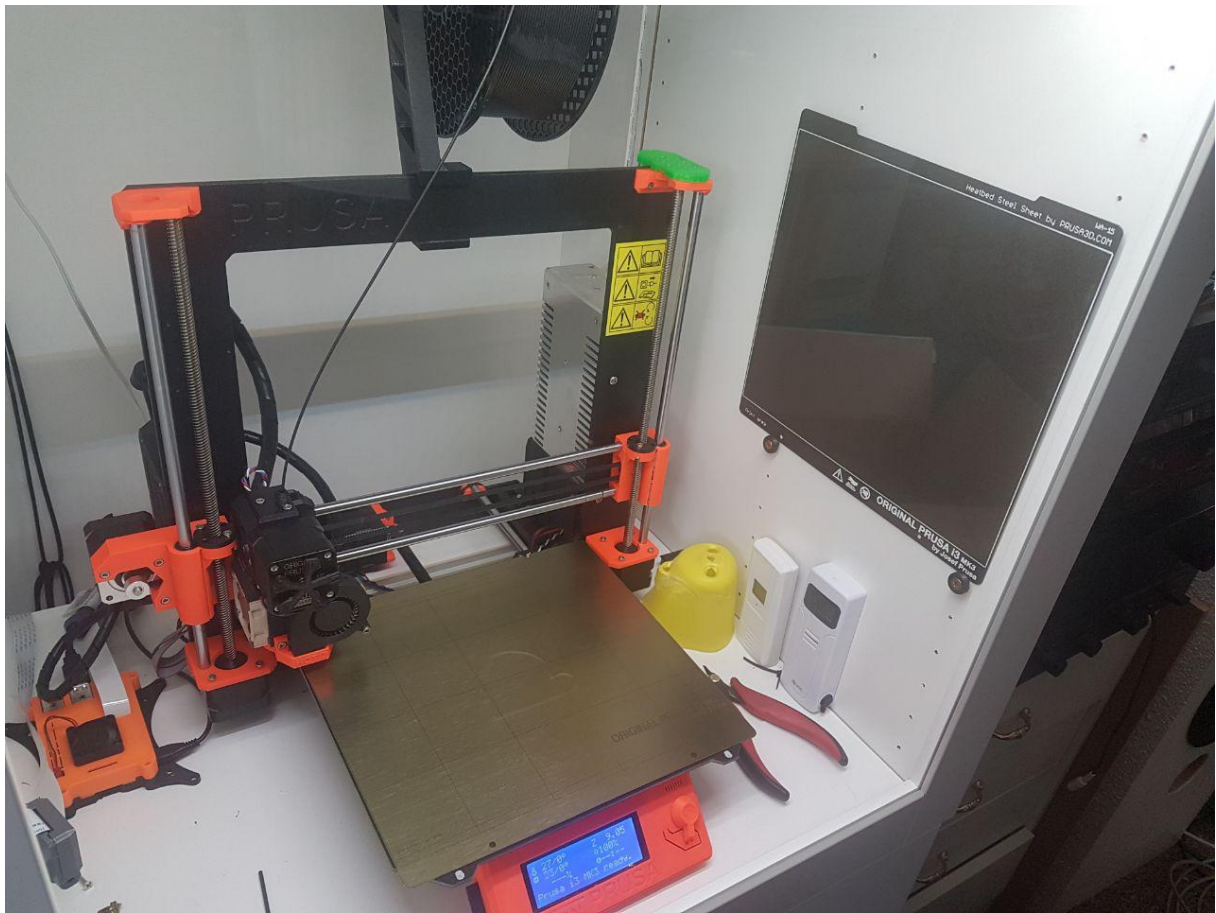
Notes:

STUVA-raspberry-cam-ball-mount

Extra spring steel sheet =====

Print 2 x of STUVA-spring-steel-sheet-holder.stl monte as on picture.

You also need to mount 2 x of 15x15mm magnets whit 4mm hole, as on picture.



Extra spring steel sheet in holder



Magnets, and knobs

Category: 3D Printing

Model files



stuva-spring-steel-sheet-holder.stl



mk2cameraonly.stl



stuva-raspberry-cam-ball-mount.stl

[Find source .stl files on Thingiverse.com](#)

License

This work is licensed under a
Creative Commons (4.0 International License)



Attribution

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition