



The very First Print



yahbluez

[VIEW IN BROWSER](#)

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Summary

This model shows in half an hour the real quality of every square mm of your print bed.



0.57 hrs



2 pcs



0.30 mm



0.40 mm
0.60 mm



PLA



14 g



Prusa
MK3/S/S+

[3D Printers](#) > [Test Models](#)

Tags: [tool](#) [calibration](#) [level](#) [bed](#) [bedlevel](#) [mesh](#) [nyloc](#)
[x1](#) [bambustudio](#) [octopy](#) [p1p](#)

TL;DR

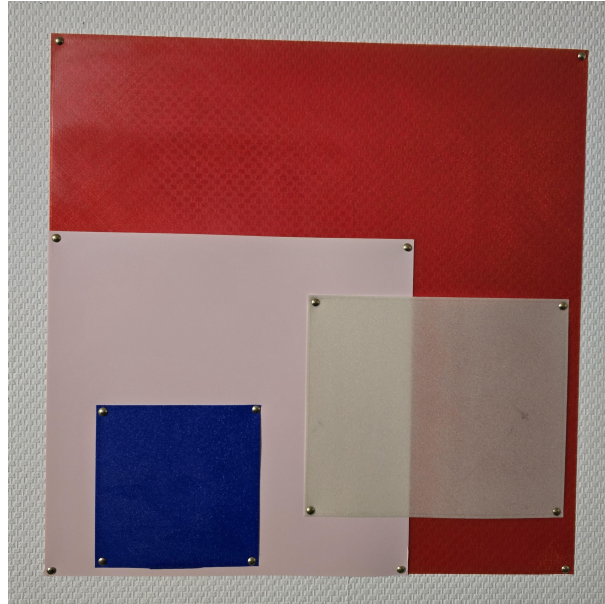
Single layer whole print bed, see how good or bad it comes out, no change to hide anything.

Collection

[tools, 3D printing](#)

update 2026.1001 - Sovol ZERO

- added Sovol ZERO -> the tiny blue square
- ES_Sovol_Zero_152x152x0.2.3mf
- ES_Sovol_Zero_152x152x0.4.3mf



(one of the best auto calibrated first layers, maybe the best)

update 2026.0702

- added Elegoo Centauri Carbon2 (fullsize 256x256x0.2)
- added Elegoo Centauri Carbon2 (fullsize 256x256x0.4)

CC2_full_print_bed

Note, the 3mf profiles above establish a modified printer called "CC2_full_print_bed". This config removes the reserved area [[246,0], [256,0], [256,20], [246,20]] so you can use the full print bed.

The printer primes at the beginning of the print into this area but the infill starts at the back so you can remove the prime line before the printer reaches this zone.

You can use this setting without issues and limits you have just to be aware that this region gets the prime line at the start of a print. Don't place objects there or remove the line at the beginning of the print.

update 2026.0221

- added **Prusa Core One** 250x220
- added Bambulab H2S 340x320

- added Sovol SV08MAX 500x500



update 2023.0613

- added 3mf config file for Prusa Mini

update 2023.0226

- added 3mf for bambustudio
- cleaned up the description

Let's get started

Full Print Bed

This nice model is useful to check and improve the leveling of your whole print bed. It is not a **first layer calibration**. You should run the first layer calibration first and use this model to check your whole plate.

If you find in your print areas where the lines are not connected or the print is not well bond to the bed you have a lot of options.

- level your bed
- clean the print bed with IPA or what needed
- use a thicker first layer
- use a higher extrusion wide for the first layer
- print the first layer slower
- print the first layer hotter

Other issues

Burned pieces, scratched pieces any kind of over extrusion.

Go one step forward and run the [first layer calibration](#) first.

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Filament used

works with any filament

Model files

 3MF 4 files	
	mk3-nozzle-06.3mf
	mk3-nozzle-04.3mf



bambulab-x1c-p1p.3mf

☐ The sheet is 230x240 this is the maximal size the p1p could auto arrange the model.



prusa-mini-180x180.3mf



STL

25 files



fpb-290-290.stl



fpb-260-260.stl



fpb-230-270.stl



fpb-180-180.stl



fpb-310-310.stl



fpb-235-310.stl



fpb-220-300.stl



fpb-255-255.stl



fpb-450-450.stl



fpb-410-410.stl



fpb-245-255.stl



fpb-120-120.stl



fpb-370-376.stl



fpb-250-210.stl



fpb-508-508.stl



fpb-470-470.stl



fpb-350-350.stl



fpb-250-250.stl



fpb-500-500.stl



fpb-200-200.stl



fpb-310-320.stl



fpb-235-235.stl



fpb-400-400.stl



fpb-300-300.stl



fpb-220-220.stl



ps_core_one_250x220.3mf



os_sovol_sv08max_500x500.3mf



bs_fullbed_h2s_340x320.3mf



es_cc2_256x256x04.3mf



es_cc2_256x256x02.3mf



es_sovol_zero_152x152x02.3mf



es_sovol_zero_152x152x04.3mf

Print files



GCODE

2 files



mk3-nozzle-04-pla-53m.gcode

PLA 0.40 mm 0.30 mm 0.88 hrs 13 g Prusa MK3/S/S+

mk3-nozzle-06-pla-34m.gcode



PLA 0.60 mm 0.30 mm 0.57 hrs 14 g Prusa MK3/S/S+

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