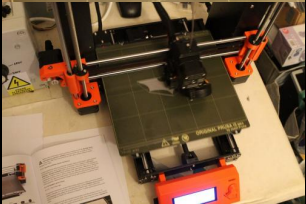
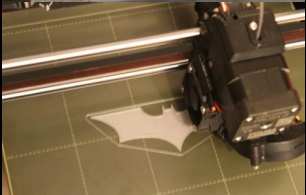


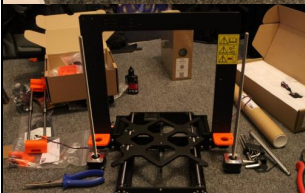
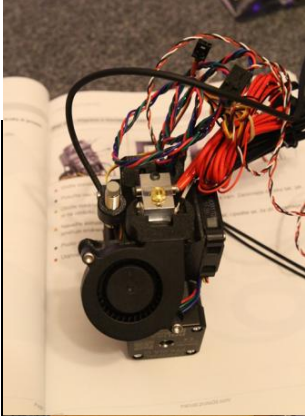
# 3D printing with Prusa i3 MK3S

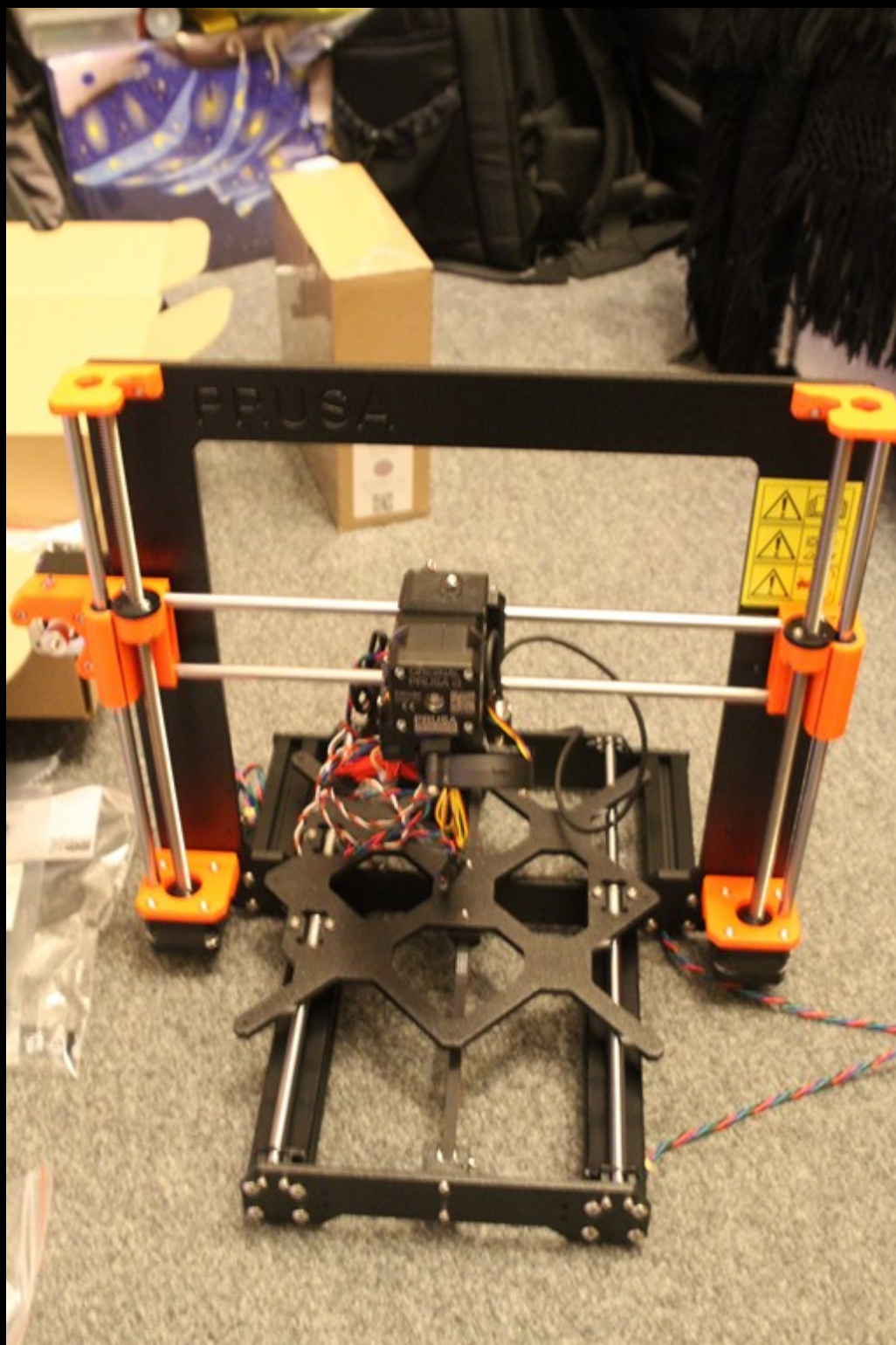
3D printing is additive technology for device prototyping. If you are interested in budget but very durable and affordable device i can recommend you printers by Joseph Prusa (homepage <https://www.prusa3d.com/> ).

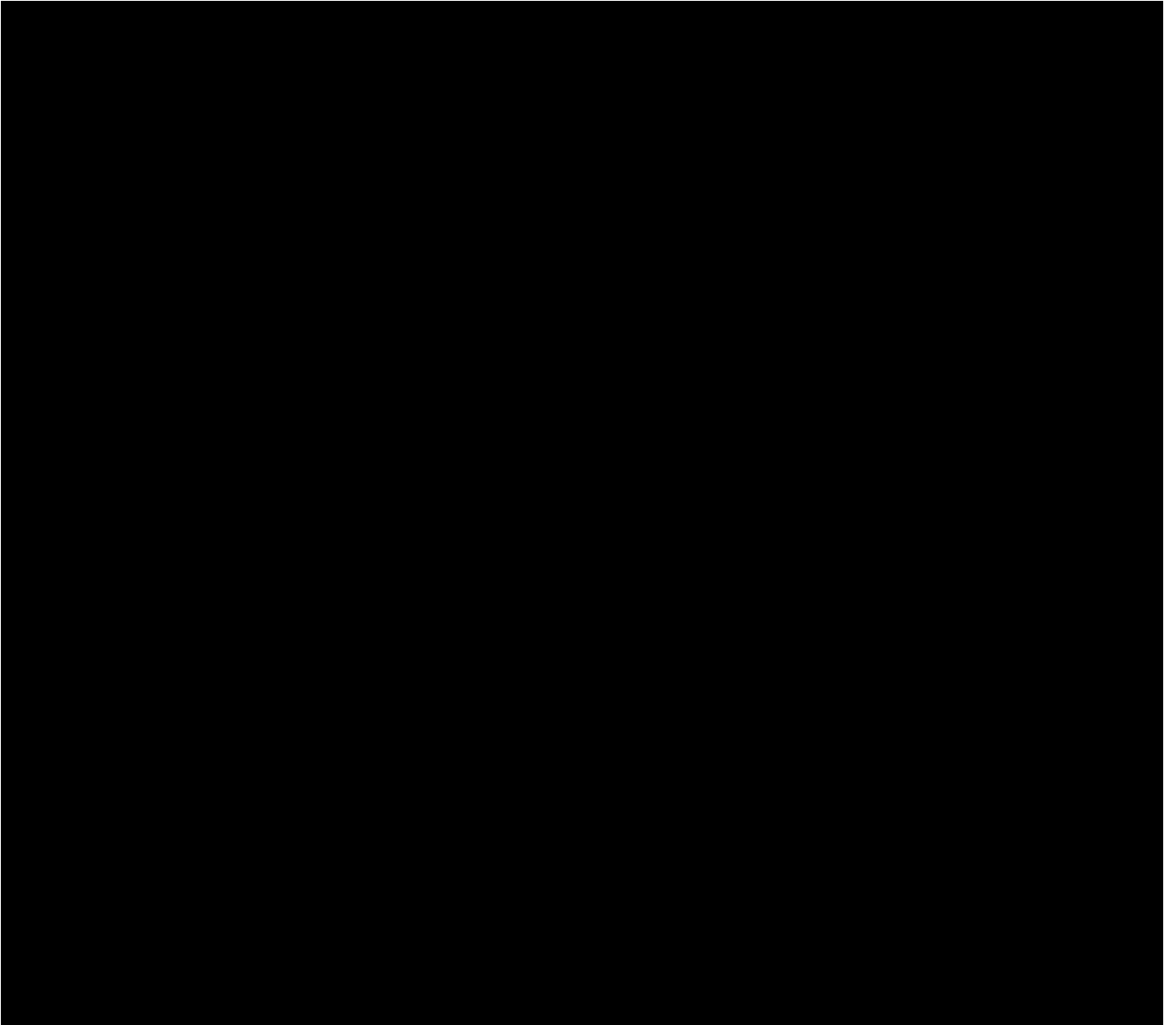
World known model is Prusa i3 MK3S taht can be obtained as fully assembled model <https://shop.prusa3d.com/en/3d-printers/181-original-prusa-i3-mk3s-3d-printer.html> for 999€ or as kit with lower cost 769€ <https://shop.prusa3d.com/en/3d-printers/180-original-prusa-i3-mk3s-kit.html> .

If you have a time the best way for obtaining a prusa 3D printer is by assembling it. Next galleery show how i build my printer.









Assembling kit include great assembling manual, but you can in all time refer online manual here [https://help.prusa3d.com/en/category/original-prusa-i3-mk3-kit-assembly\\_336](https://help.prusa3d.com/en/category/original-prusa-i3-mk3-kit-assembly_336). Another way how to prepare for build is through youtube building marathons. As example of these building marathons you can watch:

or as very quick preview

After successful assembling you must go through selftest of device. All axis calibration process and very crucial part of all good print is Z-axis calibration and when is necessary live Z- adjustment. All my mistakes are related to:

- bad Z- axis calibration – to low or to high position of extruder nozzle
- loosen gear feeding filament in extruder (inconsistent print)
- inappropriate material for printed objects (bad results if you use ABS for higher model and room temperature is not constant)

Quick introduction of most common problems and how to suppress them are contained in next video