

Manual 3D Printer PRUSA

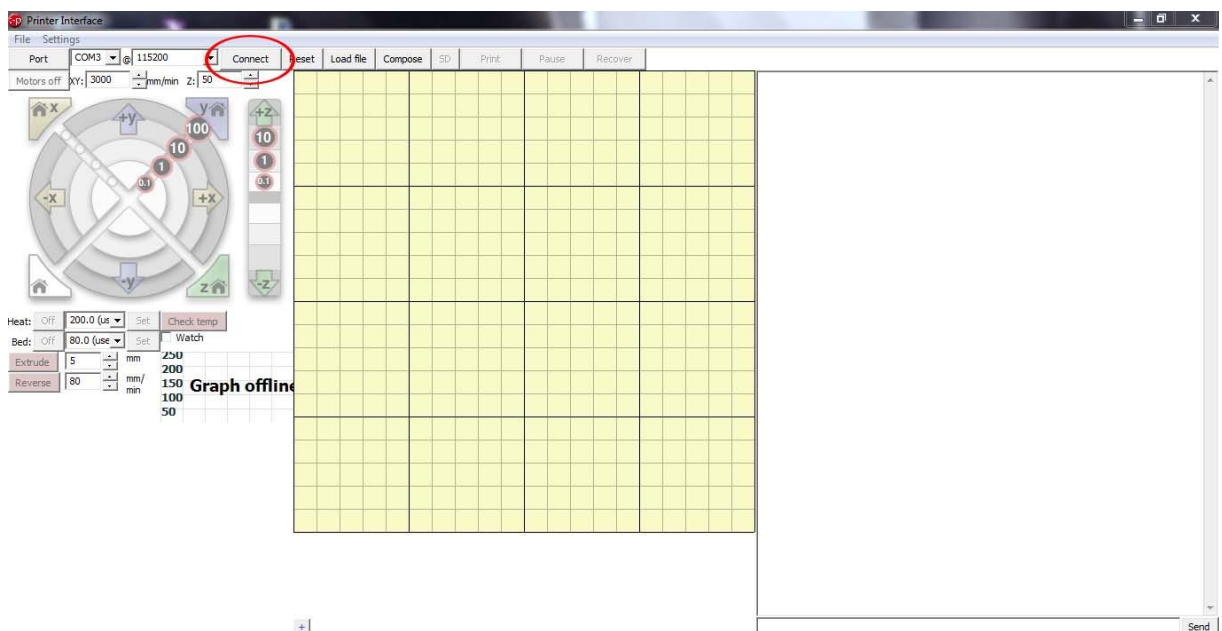
Before you start printing read the complete manual!

Rules!

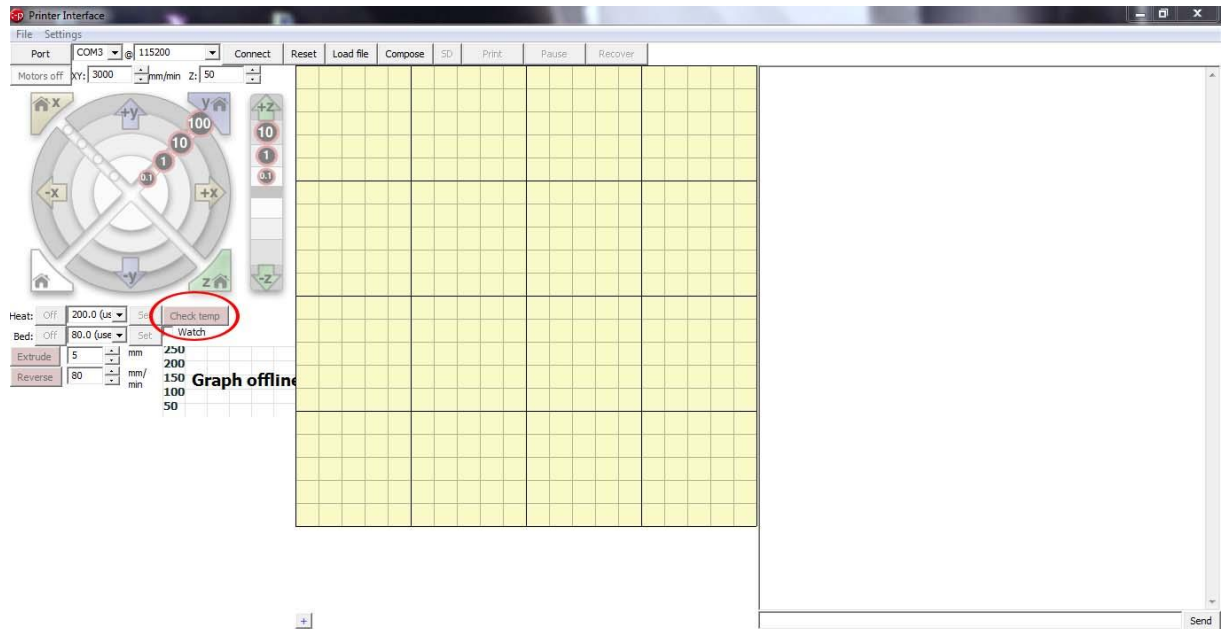
- Start printing only when temperatures are reached!
Otherwise: damage to the extruder
- Risk of burns from hot parts:
 - o Bed- plate (depending on settings) is hot
 - o **Extruder** is very hot! Do **not touch!**
- Turn off the printer: using the switch on the power supply (Shutting down the PC is not enough!)
 - o if the printer is not required any more
 - o if the printer makes nonsense (strange noise/not moving in home position/etc.)
- Move the axes manually
 - o **Z-axis** (height) does not **move** by hand, **only via software** (eg. Z +10)
 - o X –axis and Y-axis move by hand only when engines are off
- **Do not change pre-setting profiles on the PC!**

Printer control

- Printer on (switch at the power supply)
- Start “Pronterface” (on desktop)
- Click “Connect” (wait -> “Printer is online”)

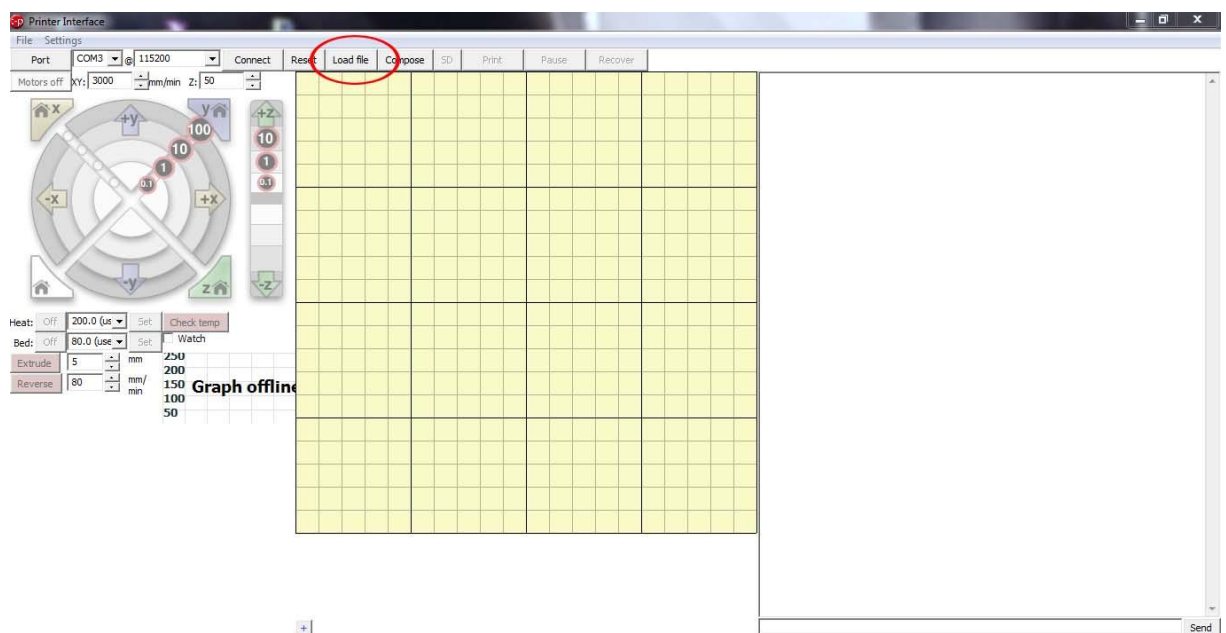


- Click "Check temp"

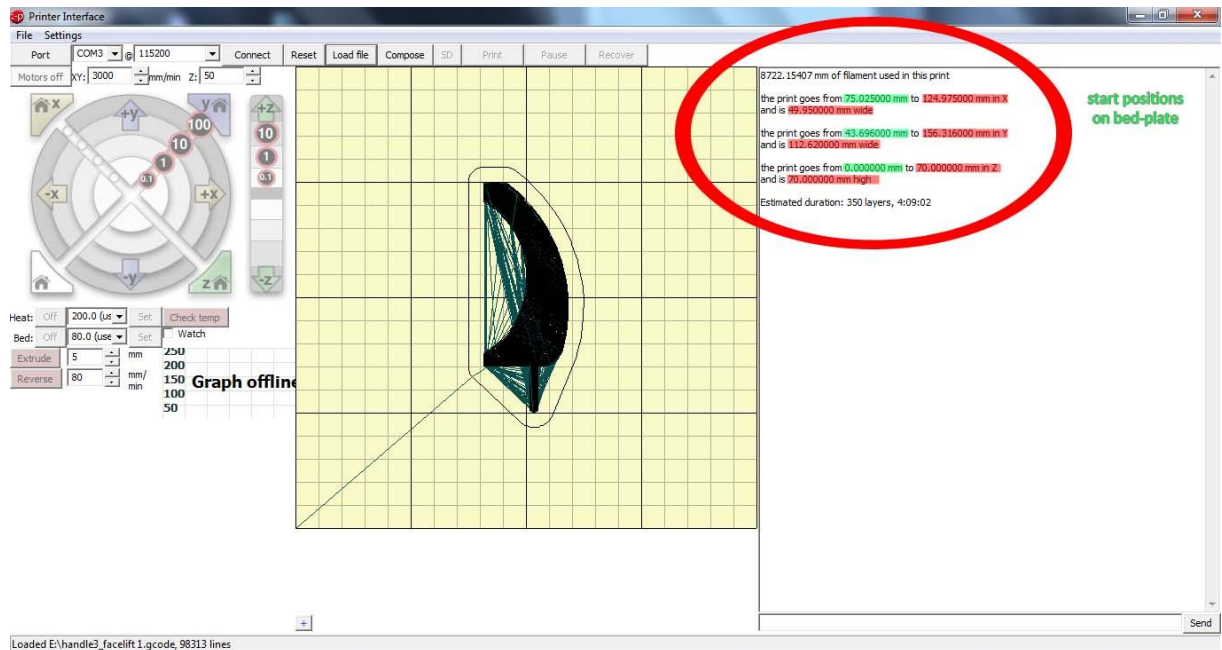


Printing

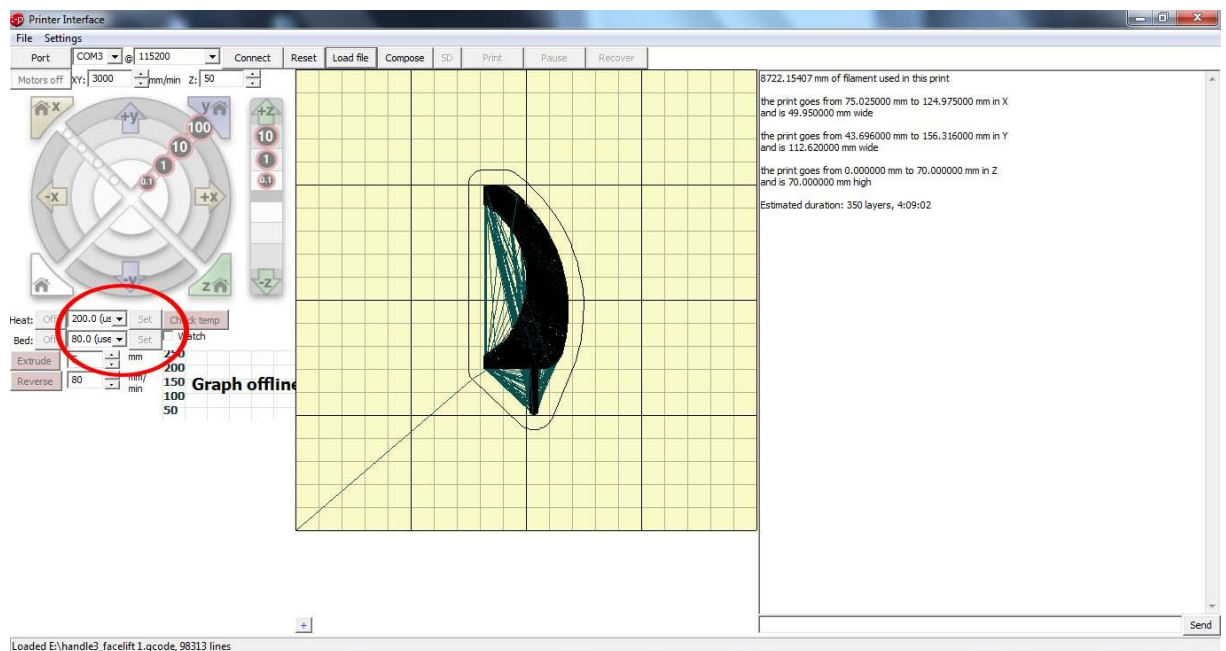
1. Load your xyz.gcode



2. The boundary points of the object are displayed: X/Y/Z goes from ... to ... mm
 - a. check the size -> not too big?



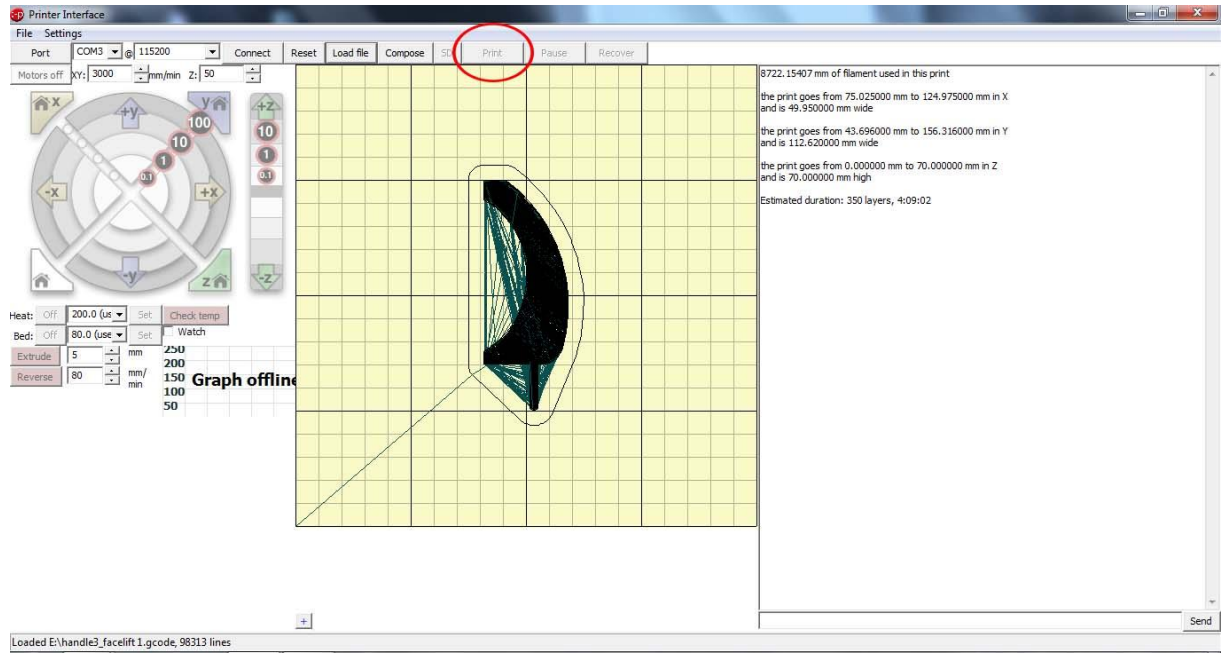
3. set temperatures (Heater: 200 °C and Bed: 80°C)



4. if necessary: clean the bed-plate
 - a. Only with hands (Attention: Hot!) (no liquid, oil or something else)
 - b. if necessary move the printer head (Extruder) upwards (several times Z+10)

5. check temperatures: Heater 200 °C and Bed 80° C

6. click “print” (you see a countdown from 9 to 0)



7. printing is finished: wait few minutes until the object is cold -> take object from the bed-plate
8. Clean the bed-plate (see 4.)
9. Disconnect printer
10. Close “Pronterface”
11. Turn off the printer: using the switch on the power supply!

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