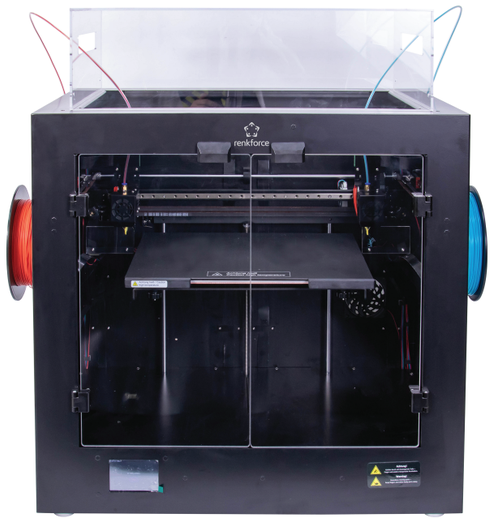
renkforce

GB Quick Start Guide

FDM 3D printer Pro 7 Dual

Item No. 2584537



Features

- Dimension 630 x 430 x 625 mm
- Print various materials: PLA,ABS,PETG,PC,PA,PP,HIPS,PVA etc.
- Max. size of the printed object
  Single Head/Dual Color Mode 360 x 250 x 200mm
  Twins/Mirror Mode 140 x 250 x 200mm
- Printed layer thickness 0.05 - 0.3 mm
- Print speed 20 - 200 mm/s
- Colour touch screen display
- Operating voltage: 100 - 240 V/AC, 50/60 Hz
- Nozzle size 0.4/0.6/0.8 mm

Read the safety instructions supplied with the product before using

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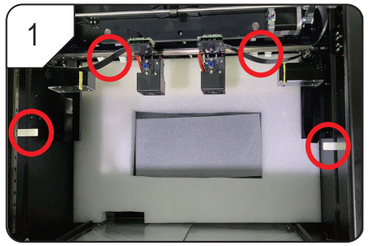
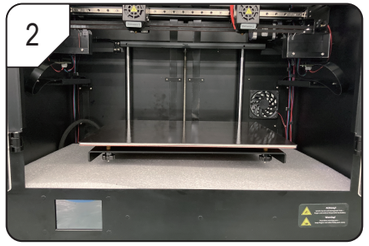
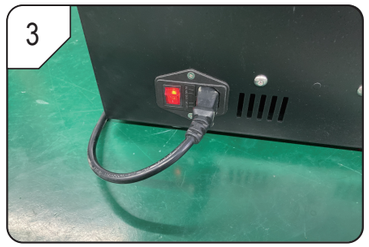
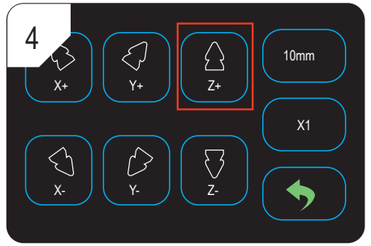
Setting up the equipment



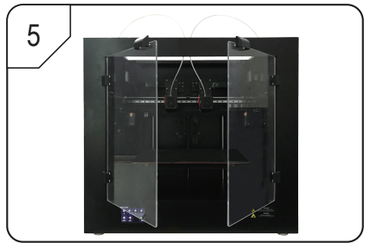


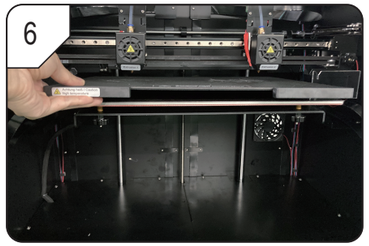
- Remove the 6 belt buckles, and take out the pearl cotton on the platform.



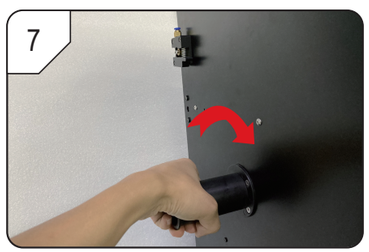


- Turn on the power; raise the build platform then take out the pearl cotton

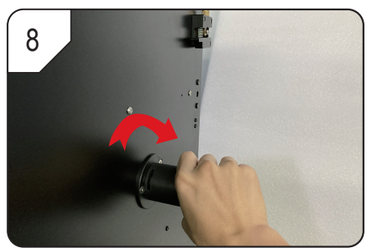




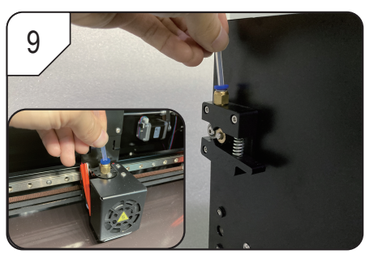
- Put on the metal build platform and magnetic mat.

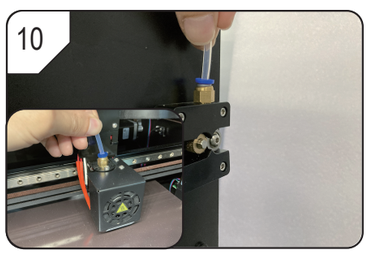


- Install the left spool holder; Rotate it clockwise



- Install the right spool holder; Rotate it clockwise

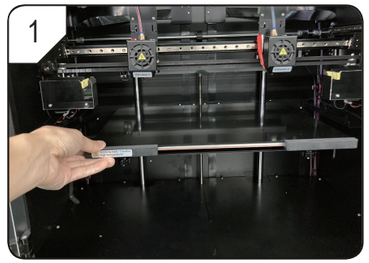


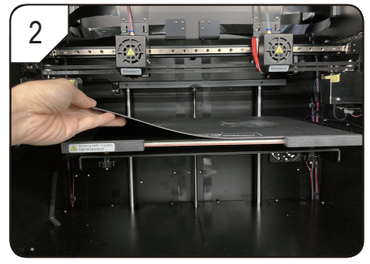


- Press the tube connector and insert the filament tube

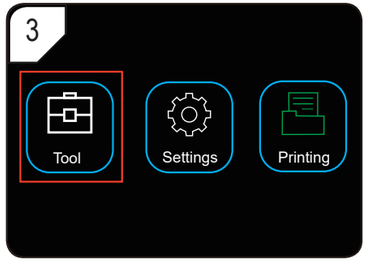
Build Platform Calibration

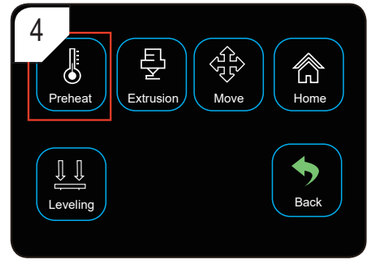
- The build platform has been calibrated and well levelled when out of the factory, but some deviation will occur during the transportation. So you'd better level the platform before the printing.



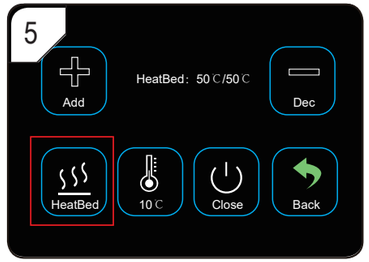


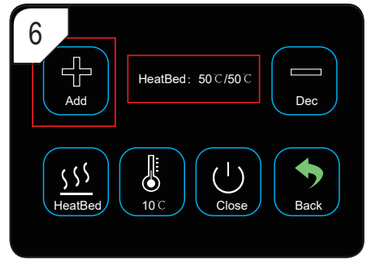
★ Put on the metal build platform and magnetic mat.



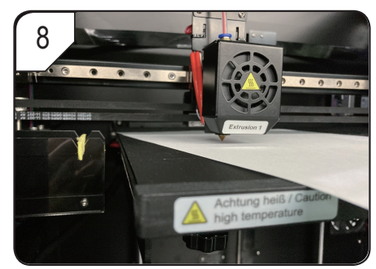


- Click "Tool"-"Preheat"

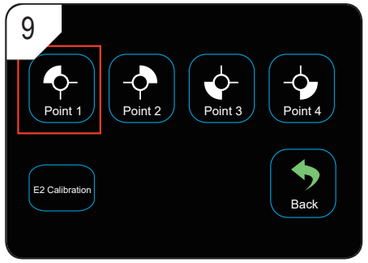


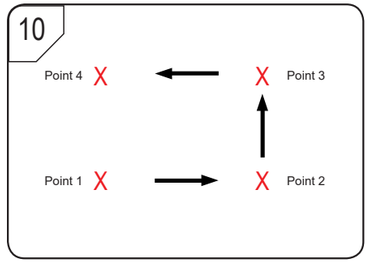


- Click "HeatBed"; heat the platform to the preset temperature.

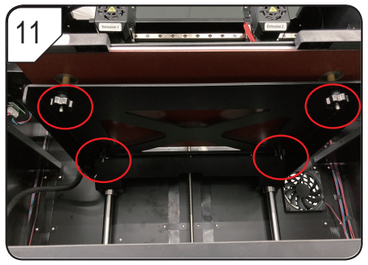


- Click "Leveling"; Put an A4 paper between the nozzle and platform.

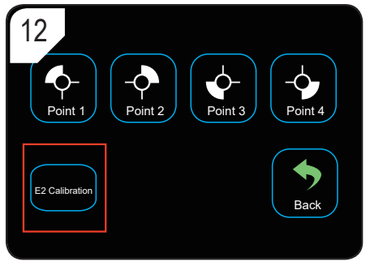




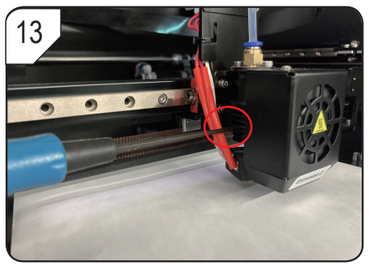
- Click ”Point 1” (as the photo above); The print head E1 moves to the front left, do the leveling.
  Click ”Point 2” (as the photo above); The print head E1 moves to the front right, do the leveling.
  Click ”Point 3” (as the photo above); The print head E1 moves to the rear right, do the leveling.
  Click ”Point 4” (as the photo above); The print head E1 moves to the rear left, do the leveling.

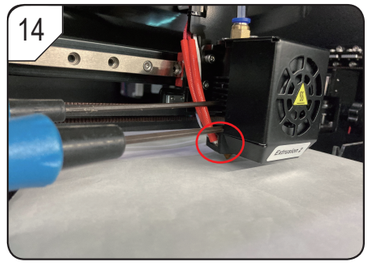


- If the A4 paper can be slid easily, it means the distance between the nozzle and platform is too far; you can turn the knob anticlockwise until the paper can be slid with slight resistance.
- If the paper can’t be moved, you can turn the knob clockwise until the paper can be slid with slight resistance.



- After calibrating the extruder E1, Click “E2 Calibration”, The print head moves to the right front of the platform.

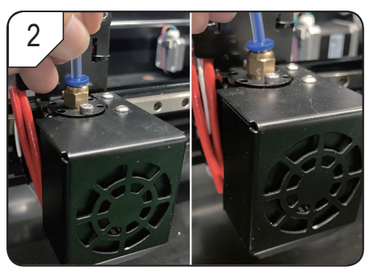




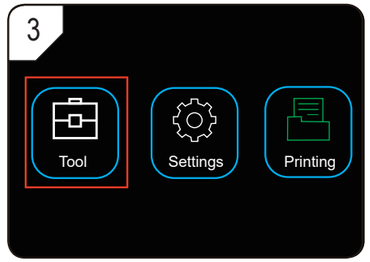
- Loosen the screws of E2 heat sink,put one A4 paper between the nozzle and nozzle, calibrate the nozzle and heat block unit up and down till there is slight resistance.

Install the Printing Filament

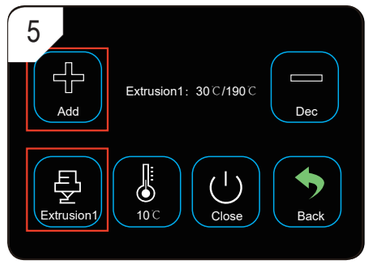
- Install the filament on Left side and Right side.

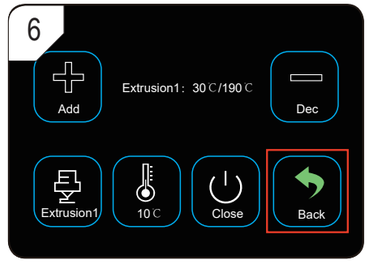


- Feeding the filaments into E1 and E2 extruders.

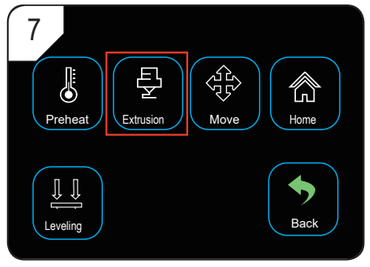


- Click “Tool”-“Preheat”

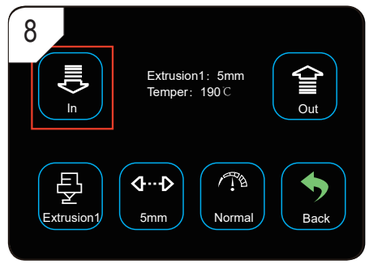




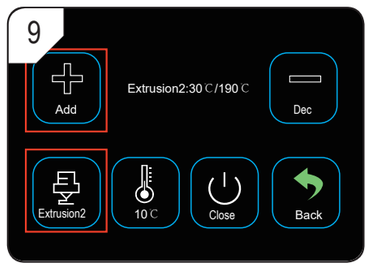
- Click “ Extrusion1”; heat the nozzle to the preset temperature.



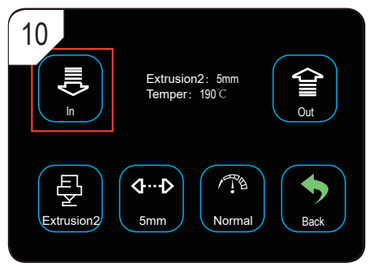
- Return and click “Extrusion”



- Click “In”; The filament comes out from the nozzle, the loading is finished.

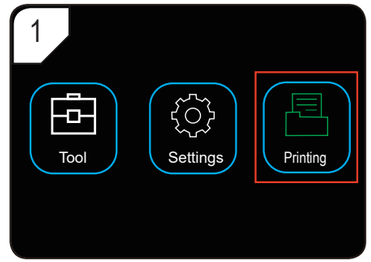


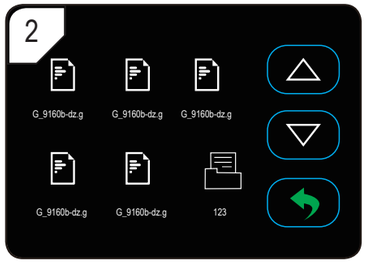
- Click “Extrusion 2” then Click “Extrusion 2” and preheat the Extrusion 2.



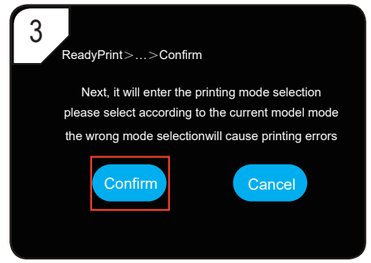
- Wait for the print head E2 to reach the preset temperature, then Click “In”

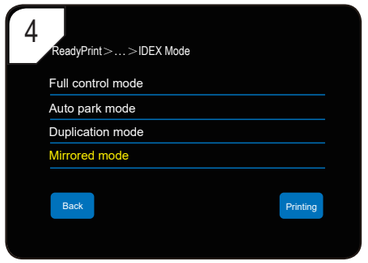
Starting the printing process



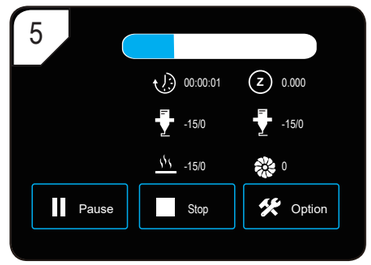


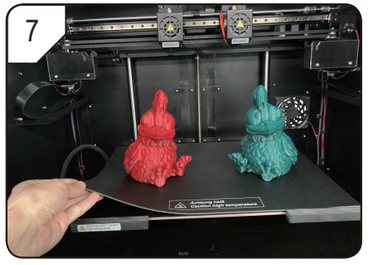
- Click “Printing” and choose the printing file.

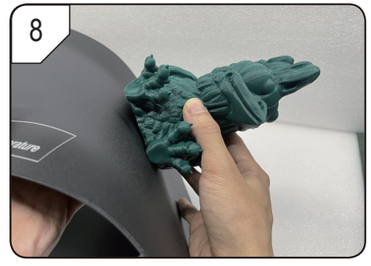


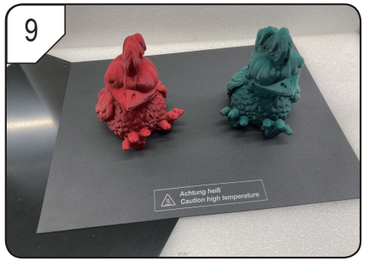


- Click “ Confirm” and choose the printing mode as same as you sliced.









- When the printing is done, the user can take out the magnet mate until it cools down, and remove the finished prints with your hand, no any tools or scrapper needed.