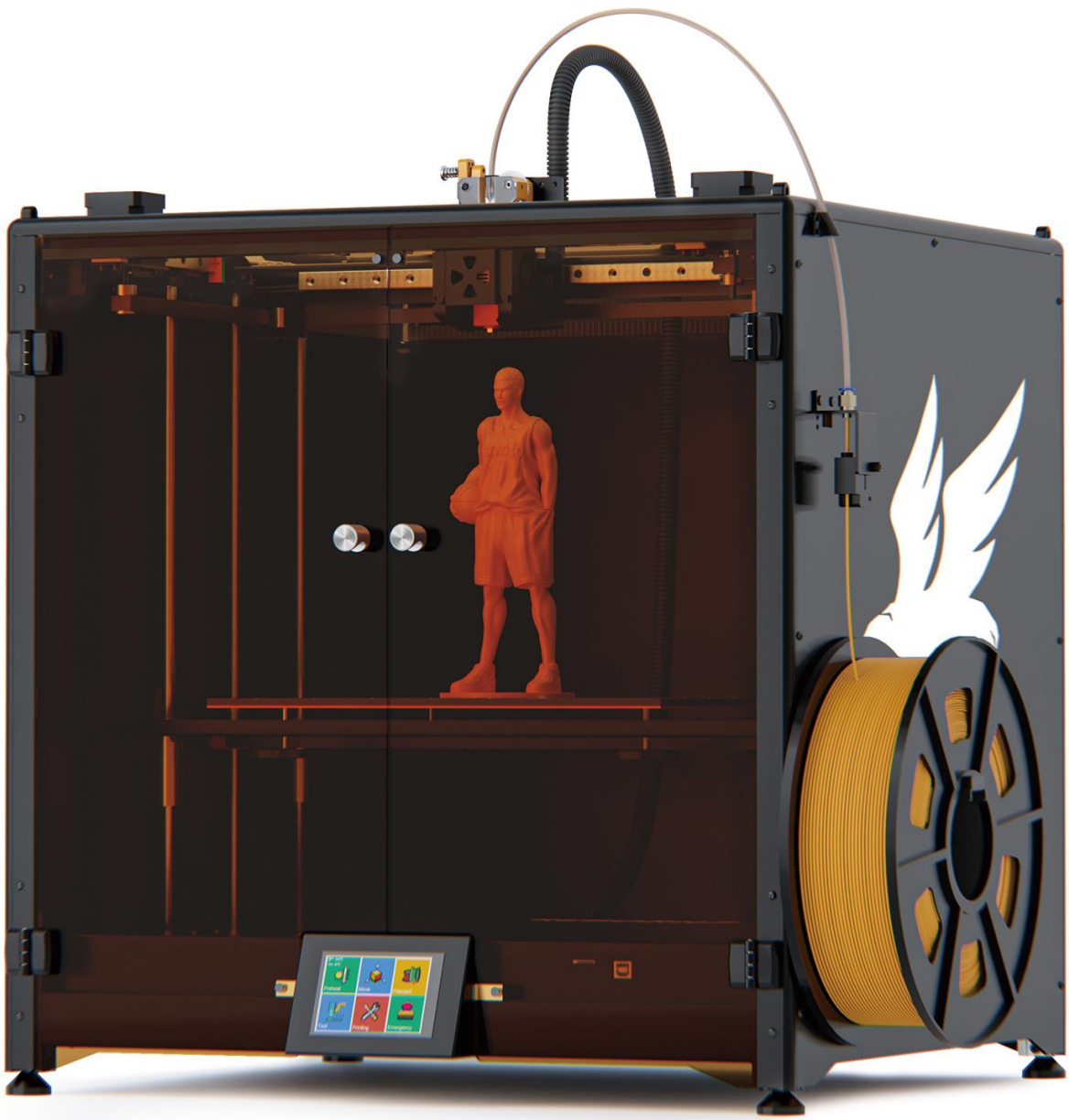
REBORN2

USER'S MANUAL

FLYING BEAR 3D PRINTER



Instructions

1.After unpacking, please check the model and quantity of spare parts. If there are any missing parts, please contact us in time, and we will send you the replacement parts as soon as possible.

2.Please pay attention to safety when assembling the printer or printing the model.

3. Please place the machine in a ventilated, spacious and dust-free environment.

4.Do not try to use the machine in a way not described in the instructions, so as to avoid personal injury and property damage.

5.Do not place the printer in a highly vibrating or other unstable environment, the shaking of the machine will affect the printing quality.

6.Do not touch the nozzle, hot bed and moving parts when the printer is working to prevent personal injury.

7. After printing, use the residual temperature of the nozzle to clean up the filament on the nozzle in time. During cleaning, use tools and do not touch them directly. Please wait patiently for cooling before taking out the model.

8.Do not wear gloves when operating the machine to avoid winding and extrusion of moving parts on person.

9.Please keep the printer and printer parts out of the reach of children to avoid personal injury.

10. Often do product maintenance, regularly clean the printer body with a dry cloth in case of power failure, and wipe off dust, bonded printing materials and foreign matters on the guide rail.

11. If you do not use the printer for a long time, please protect the printer from rain and moisture.

12. In case of emergency, please don't panic and turn off the printer directly.

13. Users shall abide by the laws and regulations of the corresponding countries and regions where the equipment is used, abide by professional ethics, pay attention to foreign matters, and prohibit the use of our products or equipment for any illegal purpose. In case of any violation, our company will not be responsible for the relevant legal responsibilities.

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1 Technical Specification

Product model: Reborn2	**Print size:** 325*325*350mm
Layer thickness precision: 0.05-0.3	**Printer size:** 525*558*595mm
MAX printing speed: 150 mm/s	**Material specifications:** 1.75mm in diameter
Positioning accuracy: Z 0.002mm, XY 0.01mm	**Nozzle diameter:** 0.4mm
Nozzle temperature: 350℃ (the max 450℃)	**Hot bed temperature:** ⩽110℃
Rated power: 750W	**Connectivity:** WiFi,TF card, USB port(not recommended)
Input file format: STL , OBJ , DAE , AMF	**Output file format:** Gcode
Compatibility: WINDOWS, MAC	**Slice software:** Cura

Rated voltage:

Input:AC 110V/220V 50/60HZ Output:DC 24V

Material type:

PLA/ ABS/TPU/PVC /PETG/HIPS/PA/PEEK/PC

2 Packing list



1 XY assembly 1PCS



2 Base assembly 1PCS



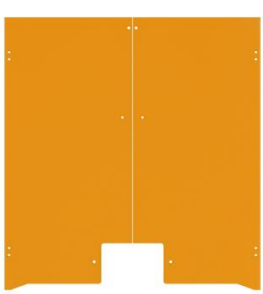
3 ABS back plate 1PCS



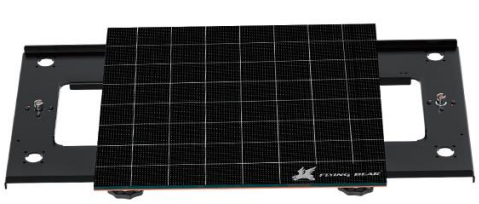
4 ABS left side plate 1PCS



5 ABS right side plate 1PCS



6 Acrylic door panel 2PCS



7 Hot bed assembly 1PCS



8 Extrusion assembly 1PCS

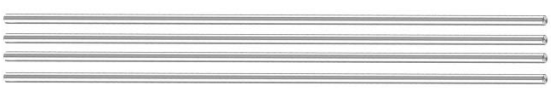
Packing list



9 Z-axis frame 4PCS



10 ABS door strip 2 PCS



11 Optic axis 4PCS



12 Screw rod 2PCS

13 Decorative strip 2 PCS



14 Filament holder 1PCS



15 Filament detection sensor 1PCS



16 Flange linear bearing 4PCS



17 Coupling 2PCS



18 Door Handle 2PCS



19 Teflon tube fixing bracket 1PCS

Packing list



20 Screw nut 2PCS



21 Hinge 4 PCS



22 Decorative covers 4 PCS



23 Anchor bolt 4PCS



24 Power cord 1PCS



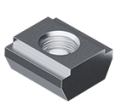
1 M3*8 50PCS



2 M4*8 45PCS



3 T Nut M3 34PCS



4 Slide Nut M4 27PCS



5 TM3*3 5PCS



6 M3*6 5PCS



7 M3*6 5PCS



8 M3*10 5PCS



9 M4*8 3PCS



10 M3*3 5PCS

Packing list

Gift list



1 Needle 1pcs



2 TF card 1PCS



3 Diagonal pliers 1PCS



4 Tweezer 1PCS



5 Tie 8PCS



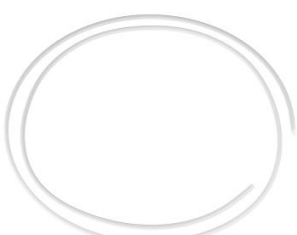
6 Tool kit



7 Shovel 1PCS



8 USB cable 1PCS



9 Teflon tube 1PCS



10 Cover 1PCS

3 Assemble 3D Printer

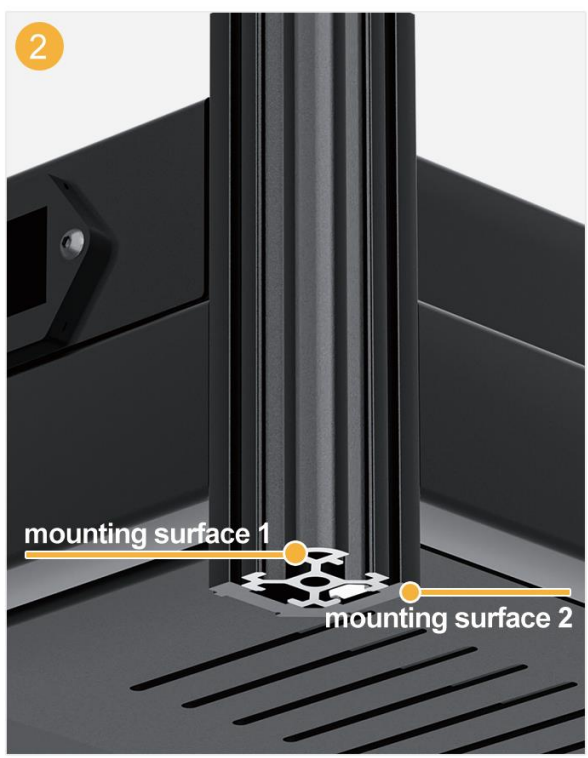
We have provided you with reborn2 detailed installation video. You can search "FLYINGBEAR reborn2 3D printer installation video." in YouTube. You can also scan the QR code to get the video.

Installation video

installation tips:

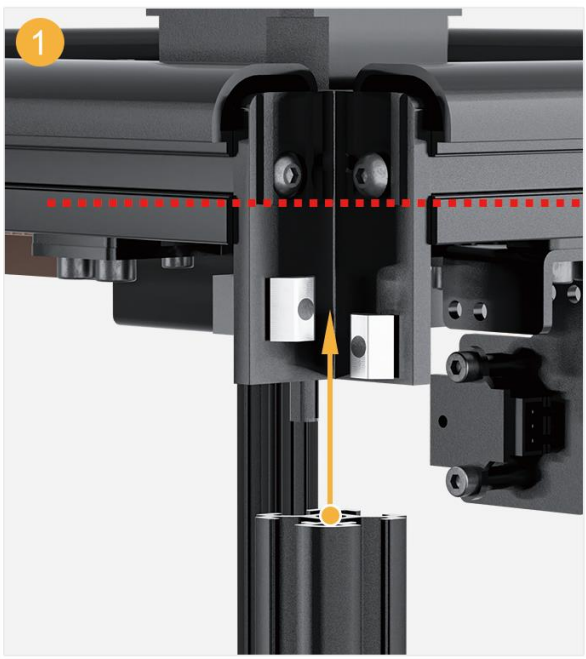
When installing the printer base frame, the z-axis frame should be close to the contact surface of the connecting bracket, and the mounting surface 1 and mounting surface 2 should be aligned (the four feet are the same requirements).

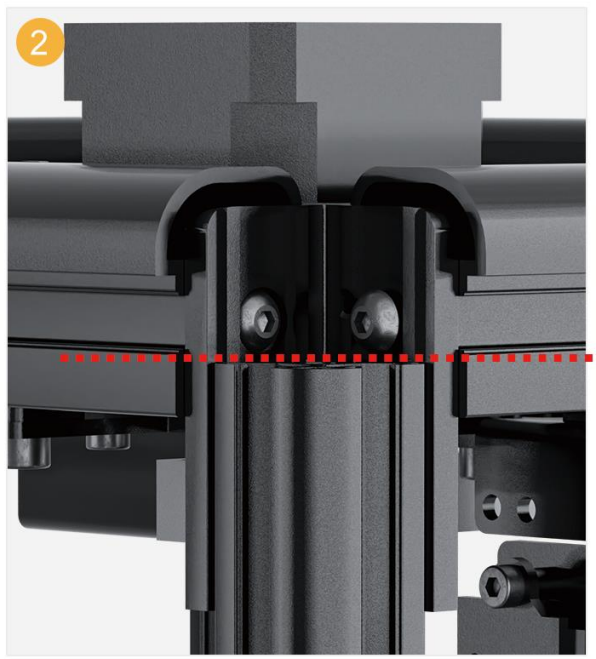




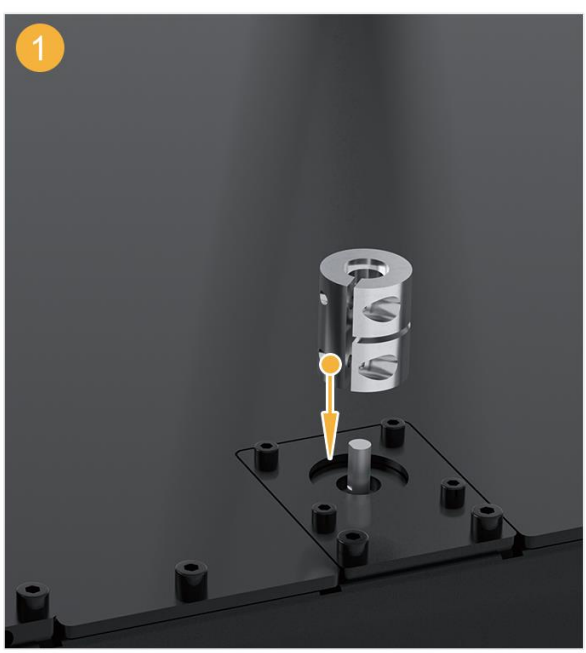
Assemble 3D Printer

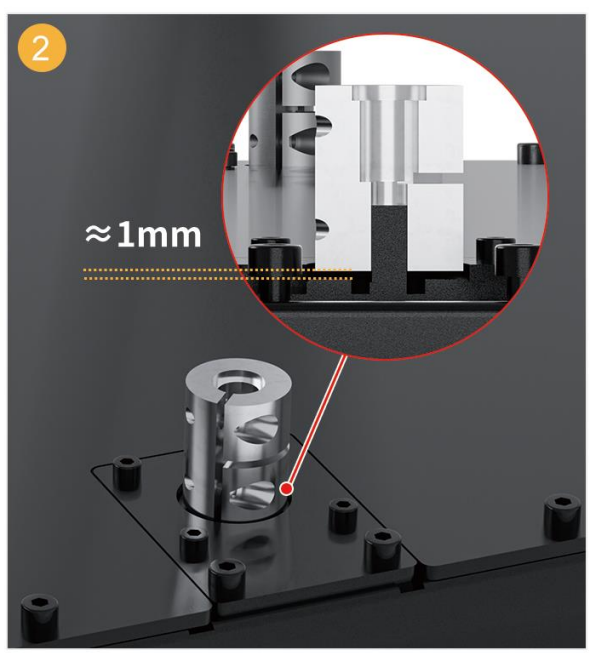
When installing the printer base frame, the z-axis frame should be close to the contact surface of the connecting bracket, and the mounting surface 1 and mounting surface 2 should be aligned (the four feet are the same requirements).





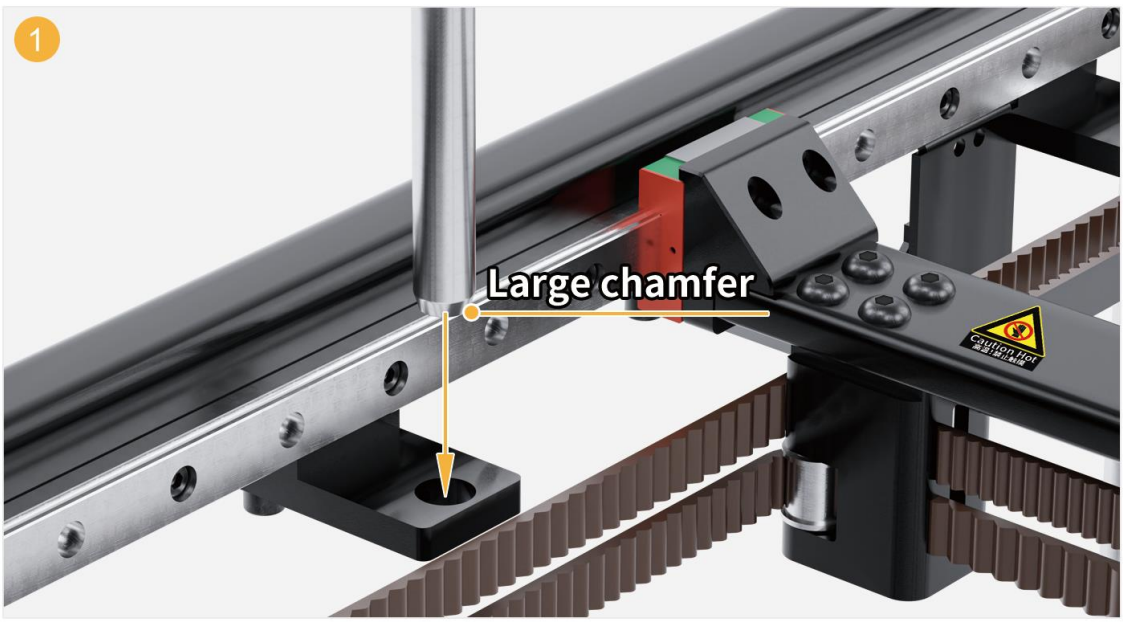
When installing the coupling, the coupling should not be attached to the motor end face, and a clearance of about 1mm should be left.





Assemble 3D Printer

When inserting a 10mm optical shaft, it is necessary to pay attention to the insertion and installation with a large chamfer.



4 After-sale service

Thank you for purchasing our products. If you have any questions, please email support@3dflyingbear.com.
We will reply within 24 hours.

The after-sales service starts after the buyer receives the product.
You need to provide valid proof of purchase to obtain after-sales service, and you need to provide video or pictures of printer failure.

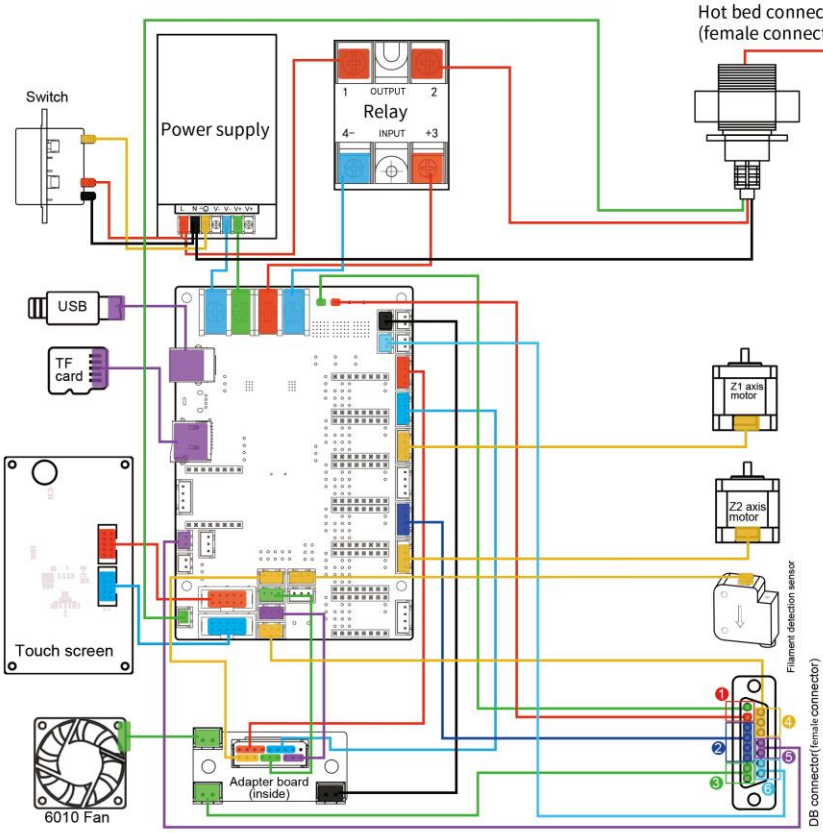
1.Maintenance service

Components	Warranty Period
Print head(nozzles, heating rod, thermistors, etc.)	Three months
Hot bed, motor driver	Six months
Motherboard, touch screen	A year
Other main parts (bearings, motor and other mechanical parts)	Two years

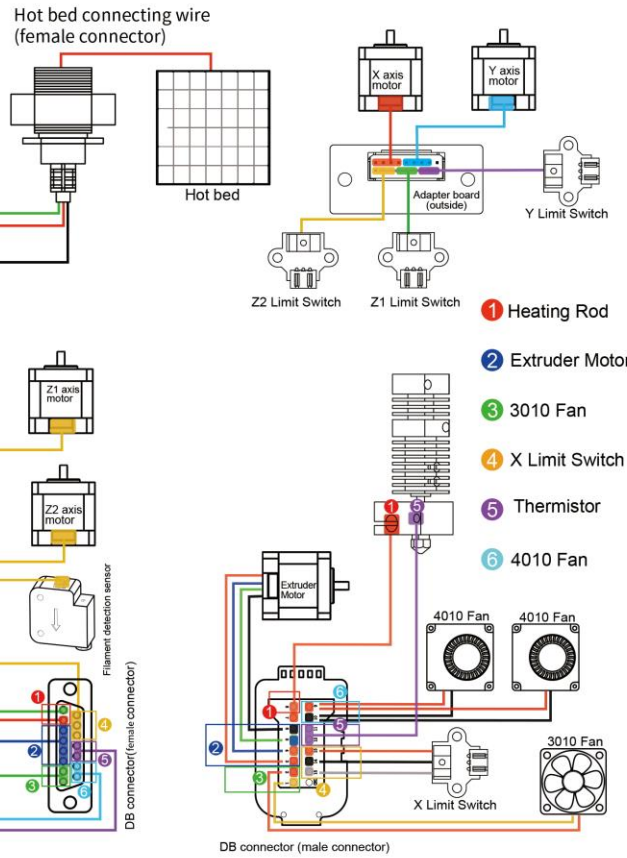
2.Part excluded from this warranty

Tool, Teflon Tube, Shovel, Tweezers ,diagonal pliers, TF Card, Needle, USB Cable, Tie, Cover not covered by warranty.

5 Circuit diagram



Circuit diagram



FLYING BEAR

Youtube channel

Facebook group

Official website

Contact us

Version：English 2.0