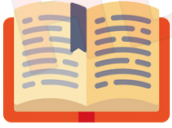


Thank you very much for purchasing our products, we will continue to work hard to provide you with better service.



After receiving the goods, we hope that you will read the instructions patiently. The precautions and usage skills in the instructions are very important, so that you can avoid incorrect installation and use.



If you have any problems during installation and use, please contact us in time.

After-sale service: support@3dflyingbear.com



Youtube search for "[FlyingBear 3D Printer](#)" and subscribe to our channel to watch related printer installation and operation videos.



Join our Facebook group to learn and share 3D printing experience.

Facebook group "[FlyingBear 3D Printer Owners](#)"



Pay attention to our Aliexpress official stores, you can learn more about new products in time.

www.aliexpress.com/store/2218051



Youtube channel



Facebook group



Aliexpress Official Store

Keep in mind when installing and using printers.
Improper operation may damage printers and even cause personal injury.



After unpacking, please check the number and type of parts first. If you lack any parts, please contact us in time. We will send you a replacement by express as soon as possible.



When assembling printers or polishing models, please pay attention to safety. It is recommended to wear goggles.



The Reborn 3D printer uses an ambient temperature of 10-40 degrees Celsius. Humidity is 20%-40%. If used outside this range, it may bring bad printing effect.



Please put the Reborn 3D printer in a spacious and ventilated environment.



During the working period of 3D printer, nozzle and hot bed will produce high temperature, so it is strictly forbidden to touch by hand. After printing, nozzles and hot beds may still be in high temperature. Please wait patiently for the hot bed and nozzle to cool down and remove the model from the hot bed.



Do not touch moving parts during printing



Please keep printer and printer parts out of reach of children.






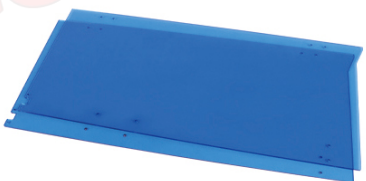



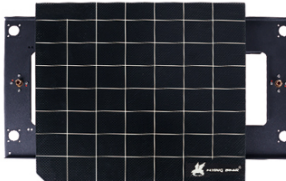
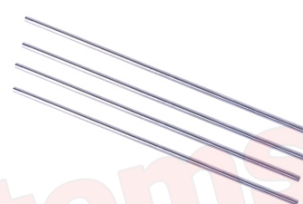
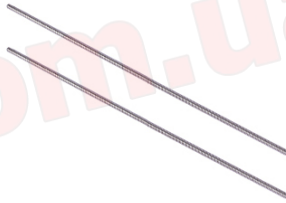


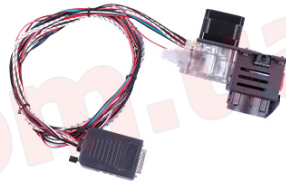


If you don't use the printer for a long time, please treat the printer with rain proof and moisture proof.











If there is an emergency, don't panic, please turn off the printer voltage directly.

1.Packing list

| | | |
|---|---|---|
|  |  |  |
| Printer XY assembly | Printer base assembly | ABS back plate 1PCS |
|  |  |  |
| ABS right plate 1PCS | ABS left plate 1PCS | Acrylic door 2PCS |
|  |  |  |
| Flange linear bearing 4PCS | Aluminum profile column 4PCS | Hinge gasket 2PCS |
|  |  |  |
| Hot bed assembly 1PCS | Optic axis 4PCS | Screw rod 2PCS |
|  |  |  |
| 6mm decorative strip 1PCS | 8mm decorative strip 2PCS | Extrusion head 1PCS |

| | | |
|---|---|---|
|  |  |  |
| Filament support 1PCS | Filament runout sensor 1PCS | Teflon tube 1PCS |
|  |  |  |
| Wire protection tube 1PCS | Power cord 1PCS | Coupling 2PCS |
|  |  |  |
| Door baffle 1PCS | Z limit trigger part 2PCS | Bellows fixing parts 1PCS |
|  |  |  |
| Door handle 2PCS | Iron sheet 4PCS | Screw nut 1PCS |
|  |  |  |
| Magnet 4PCS | Profile cover 4PCS | Hinge 4PCS |

| | | |
|--|--|--|
|  |  |  |
| Soft support feet 4PCS | Cable ties 10PCS | Tweezer 1PCS |
|  |  |  |
| Pliers 1PCS | Touch pen 1PCS | Hotend assembly 1PCS |
|  |  |  |
| 6mm Decorative strip 2PCS | USB cable 1PCS | Soft needles 1PCS |
|  |  |  |
| TF card 1PCS | Tool kit 1PCS | Shovel 1PCS |
| ①  | ②  | ③  |
| M3*8 35PCS | M3*16 16PCS | M3*6 10PCS |

| | | | | | |
|--------------|---|--------|---|-----------------|---|
| ④ |  | ⑤ |  | ⑥ |  |
| M3*6 | 2PCS | M4*5 | 4PCS | Set screws M4*4 | 2PCS |
| ⑦ |  | ⑧ |  | ⑨ |  |
| M4*8 | 18 PCS | M4*12 | 24PCS | T Nut M3 | 43PCS |
| ⑩ |  | ⑪ |  | | |
| Slide Nut M4 | 24PCS | Nut M3 | 16PCS | | |

2. Machine parameters

Physical parameters

| | |
|---------------------|------------------------|
| Machine dimensions: | 566*529*582mm |
| Machine weight: | ~13.5kg |
| Input voltage: | 110V/220V AC, 500/60Hz |
| Working voltage: | 24V |
| Power: | 400W |

Printing parameters

| | |
|----------------------|------------------------------------|
| Technical Principle: | FDM(fused deposition modeling) |
| Printing volume: | 350mm X 310mm X 350mm |
| Printing Accuracy: | 0.05~0.3 mm |
| Number of nozzle: | 1 |
| Nozzle diameter: | 0.4 mm |
| Printing speed: | 20~150 mm/s(recommendation 60mm/s) |
| Moving speed: | 120 mm/s |
| Filament Diameter: | 1.75 mm |
| Filaments: | PLA,ABS,TPU,HIPS,Wood |

Temperature parameters

| | |
|--------------------------------|------------|
| Nozzle operating temperature: | Max 260°C |
| Hot Bed operating Temperature: | Max 110°C |
| Ambient operating temperature: | 8°C ~ 40°C |

Software parameters

| | |
|----------------------|---|
| Slice software: | Cura |
| Input file format: | STL , OBJ , DAE , AMF |
| Output file format : | Gcode |
| Connection mode : | WiFi, SD Card, USB port (not recommended) |

Assembly instructions

There are many steps to install the printer. We provide a detailed installation video. You can search "**Flying bear Reborn 3D Printer installation video**" in YouTube. You can also get installation videos by scanning **QR code** on your mobile phone.



WiFi plugin



Test file



Installation video

After-sales service policy

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

After-sales service time begins after the buyer receives the product. You need to provide valid proof of purchase before you get the after-sales service, and the buyer needs to provide videos and pictures of printer failure.

1. Maintenance service

| Components | Warranty Period |
|---|-----------------|
| Print head (nozzles, heating rod, thermistors, etc.) | Three months |
| Hot bed, motor driver | 6 months |
| Motherboard, touch screen | 1 year |
| Other main parts (bearings, motor and other mechanical parts) | 2 years |

2. Part excluded from this warranty

Tools, Tracheal connector, Teflon pipes, shovel, pliers, TF card, filament, soft needles are not covered by the warranty.