



Seismo A24

DTF Powder Machine

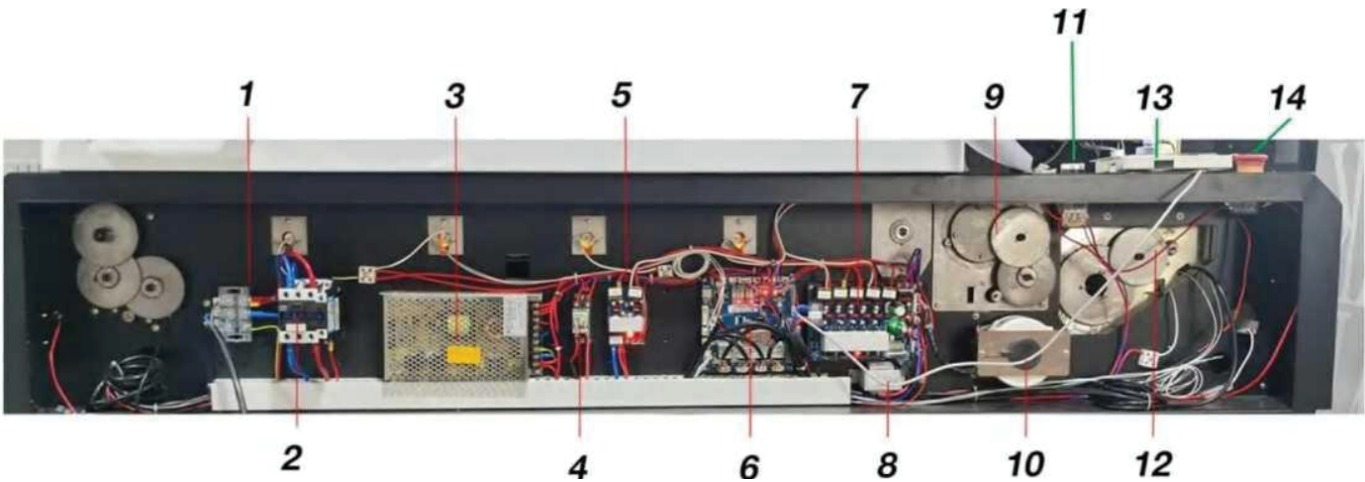
User Manual



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Parts



- | | |
|------------------------------|-------------------------------------|
| 1. 3-Position Terminal Block | 8. Isolation Transformer |
| 2. AC Contactor | 9. Paper feed gear set |
| 3. 24V Power Box | 10. Powder removing brushless motor |
| 4. Electromagnetic Relay | 11. Switch |
| 5. 2-Channel Driver Board | 12. Powder shake gear set |
| 6. Main Control Board | 13. Touch Screen |
| 7. 5-Channel Driver Board | 14. Emergency Stop Switch |

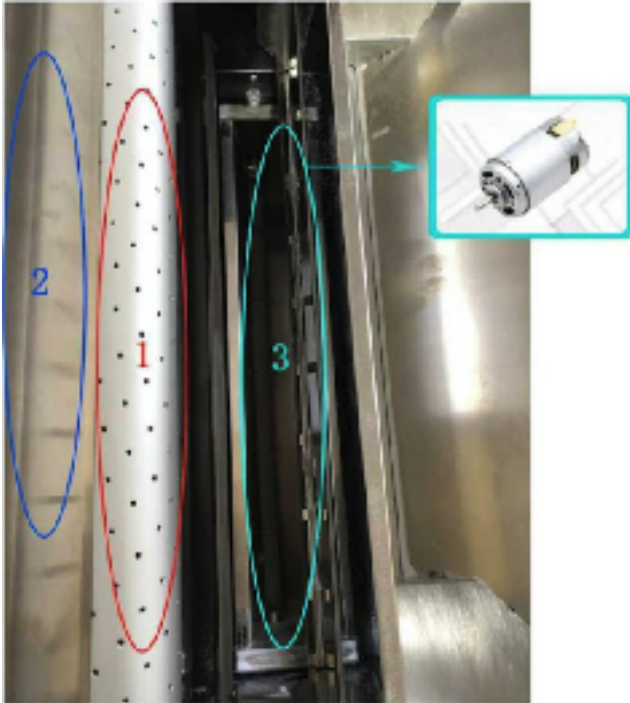
Powder Box Parts



1. Powder Chute

Keep the powder trough dry and clean. Avoid moisture to prevent powder from coagulating and jamming.

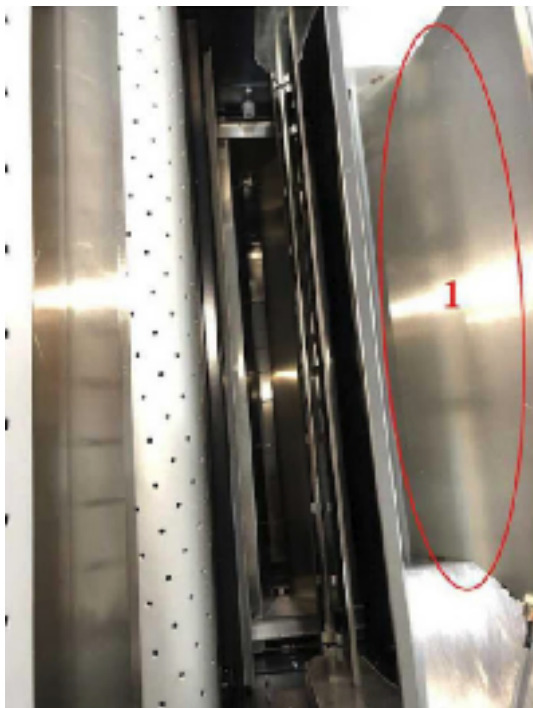
Shaking Powder Parts



1. Suction Vent
2. Conveyer Belt
3. High Frequency Powder Removal System

Keep the powder trough dry and clean. Avoid moisture to prevent powder from coagulating and jamming.

Breaded Part



1. Powder Blocking Tank

Need to adjust the position alignment and jam the paper.

Base Part

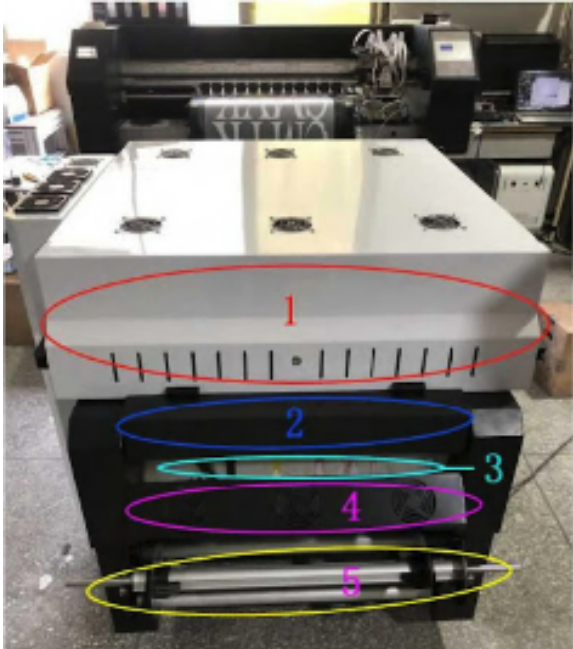


Blower



1. Preheating Fan
2. Front Preheating Board

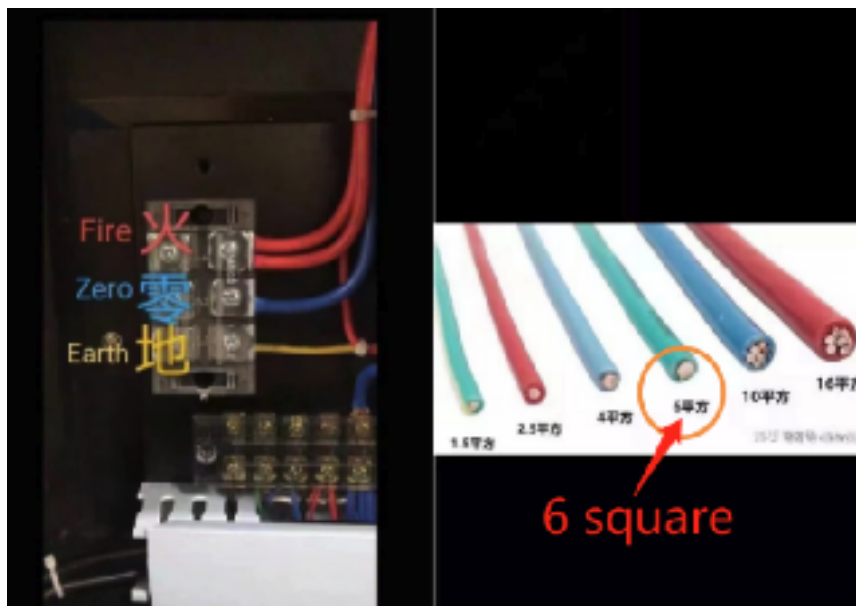
After Winding Part



1. Oven
2. Insulation Baffle
3. Suction Cooling Device
4. Fan Cooling Device
5. Winding Motor & Winding Shaft

The rewinding action is similar to the paper loading action. Just loosen one side and fix the other side.

First, confirm whether the voltage of your machine's power supply is 220V or 110V. This machine does not provide sockets, and can only use power wiring. The width of the power chord should be greater than 6 m². It is advised to contact an electrical professional for wiring.



Touch Panel



Auto: Click to enter automatic mode
 Manual: Click to enter manual mode
 Heat Temp: Current oven heating temperature
 Pre Temp: Current preheat plate heating temperature
 Powder: Current powder weight
 Dusting: Click to toggle the dusting function switch
 Shaking: Click to toggle the shaker function switch
 Link: Ignore the membrane sensor in the front and only use the weight sensor for automatic mode

Fan: Click the switch to control the suction function
 Feed: Click the switch that controls the paper feeding mesh belt
 Heat: Click the switch to control the oven heating function
 Roll: Click the switch to control the rewinder
 IO: Click to enter the detailed motor, sensor, and electrical signal monitoring page
 Para Set: Click to enter the parameter setting page
 ?: Go to the help and guidance page

Para Set Page



Shaking Strength: Click to enter the setting page of powder shaking intensity
 Heat Temperature: Click to enter the setting oven heating temperature page
 Feed Speed: Click to enter the page for setting the speed of the mesh belt
 Pre Temperature: Click to enter the page for setting the temperature of the preheating plate
 Smoke: Click to enter the page for setting smoking intensity

Automatic Operation Process

- 1) After the printer completes the preparation, place the used film or the last used finished product at the winder. Pull the product from the heating belt through the dusting device until it reaches the preheating plate position.
- 2) Connect the film at the preheating plate position with the newly printed film of the printer with tape or a stapler to facilitate entering the automatic mode.
- 3) The duster turns on the automatic mode to ensure that there is enough powder in the dusting box. Wait for the length of the film to reach the sensor under the preheating plate. When the powder on the film is heavy enough, the above two conditions are met, mesh belt and suction. The rollers will start to run, pulling the film into the shaker and into the heating belt.
- 4) After finishing the last part of the printing job, the film is cut open and enters the printing linkage mode. The film will be automatically wound by the winder without induction to complete the final printing task.
- 5) Recycling hot melt powder: After finishing the work, clean the powder on the wall of the duster and collect it into the collection tank below, pull out the collection tank and then re-add it to the dusting device.

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Electrical Schematic

