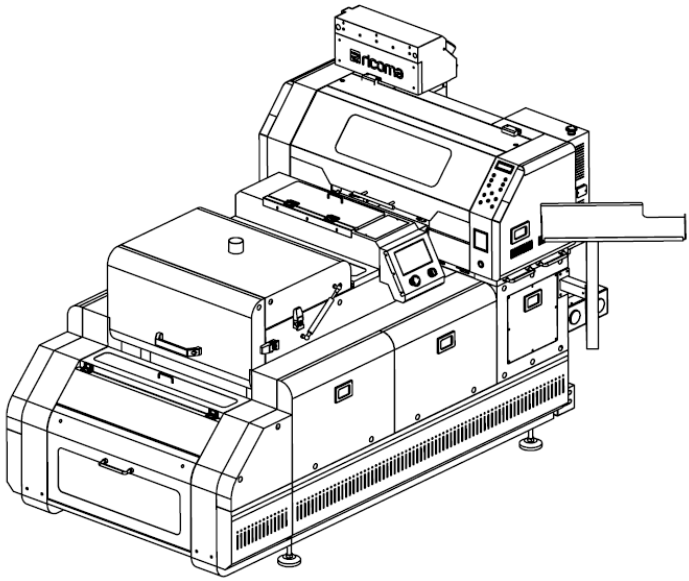
PRINTING SHAKE POWDER

MACHINE

1202T-i3200

USER'S MANUL



1. Notice on safety using:

1.1. Safety mark:

Dear customers:

Greeting! Thanks for using our product,in order to better reed this manual and use this machine, please look through the following explanation of the marks in this manual.

Users must draw attention to content have this mark, if not damage or lost may been caused by improper operation.

1.2. Product description:

This machine have large power, high temperature,in order to better use the machine please know about the machine's following specification.

Specification of printing & shake powder machine

1202T - i3200 :

Print head	i3200	4720
Number of print head	2	
Print width	≤300mm	
Print Configuration	Color + white（CMYK+WWWW）	

Applicable media	PET heat transfer printing film
Printing Speed Resolution	4Pass 720 x 1200 13 ㎡ /H ; 6Pass 720 x 1800 9 ㎡/H
Ink type	Pigment ink
Ink supply system	1L ink bottle + white ink circulation + stirring
RIP Software	SAI Flexi（PP）
Color Management	ICC or density curve
operating system	Win7、Win10
Heating and drying function	Front and rear arc plate heating, Two stage dryer for curing
Platform suction	Suction adjustable
Print interface	Optical fiber network port
Temperature	15 - 30℃
Humidity	35-65%
Winding function	Automatic induction winding
Rated power	3KW
Power input	50HZ/220V 15A
Energy consumption	1KW-3KW
Net weight	280KG
Gross weight	350KG
Machine size	L*W*H 2100*1112*1209mm
Package size	Packing description: The powder shaking assembly and the printer assembly are packed separately. Dimensions of the powder shaking assembly: 1960mm*1150mm*1135mm （L*W*H) Dimensions of the printer assembly: 1210*655*775mm（L*W*H)

1.3. Notice before starting it:

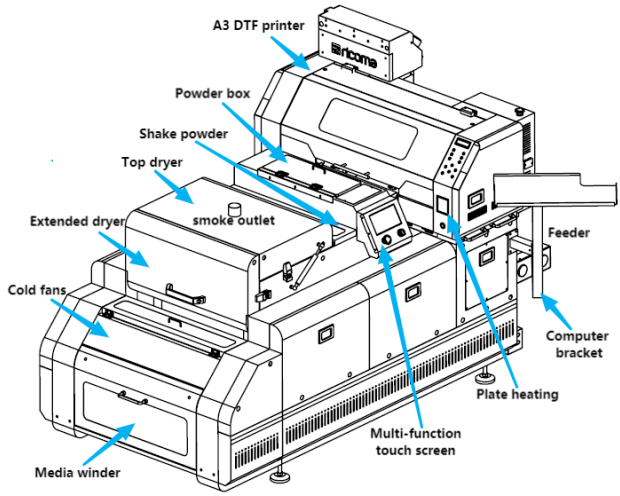
1.3.1 Be careful of electric shock! Be sure the machine is well grounded before start it.Otherwise body injure could be happened.

1.3.2 Power supply must match the heater's,the line must meet the specification.

1.3.3 Check whether the line connect well and standard or not. Special attention:null line must connect correctly.

1.3.4 For those who are sensitive to static electricity, please pay attention to personal protective measures when operating the equipment

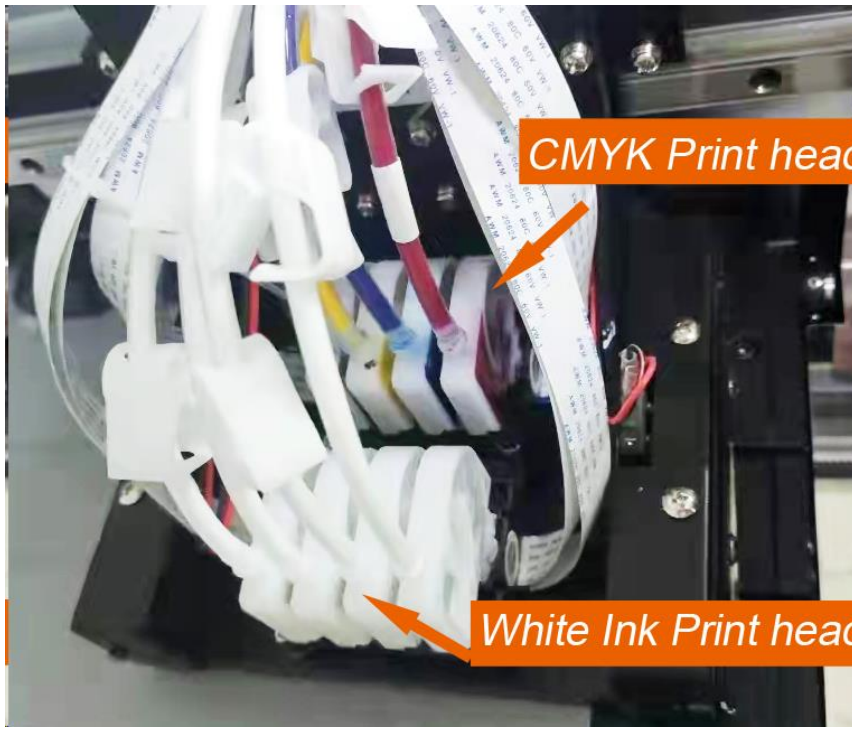
2. Installation diagram



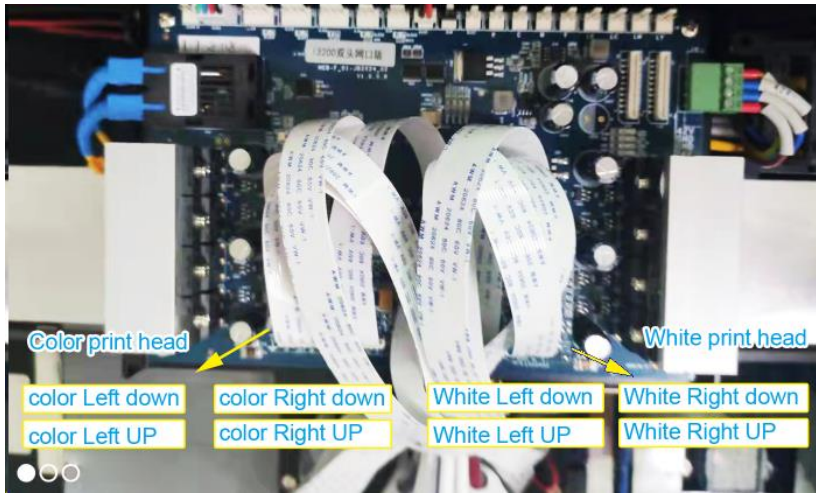
3. Printer nozzle installation and ink sequence arrangement：

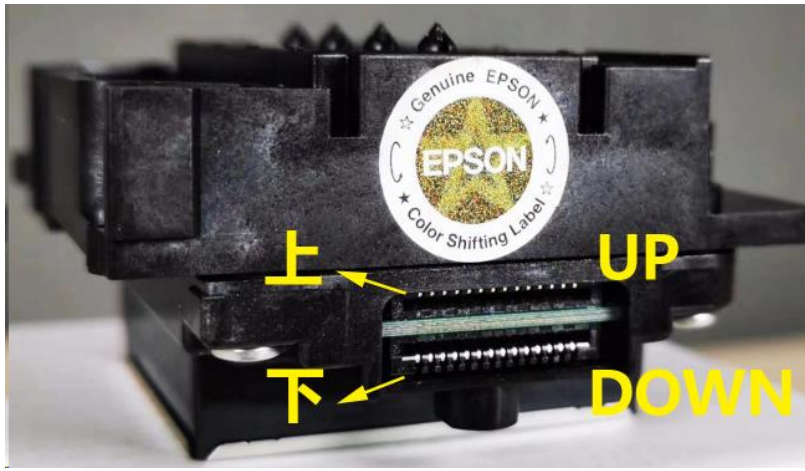
3.1. Print head installation

3.1.1 After the print-head wire is plugged in, tighten the 4 fixing screws fix print-head



3.2. Print-head cable installation



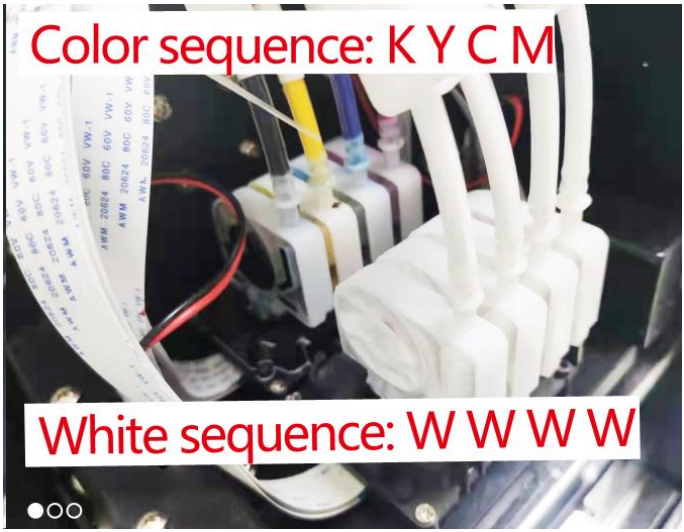


There are two rows of jacks on one side of the nozzle, which are connected to the carriage board

3.3. Ink sequence arrangement

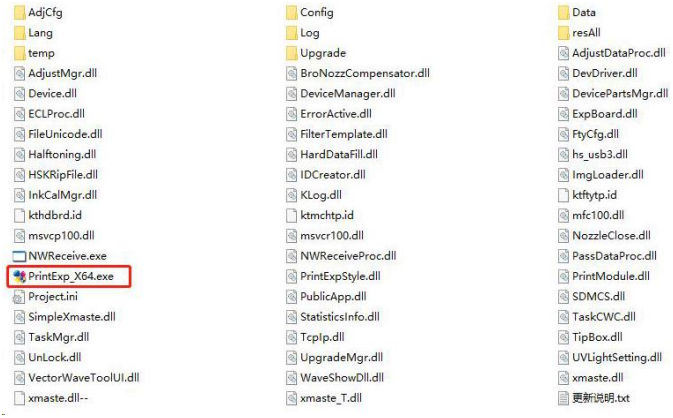
The inside head is color print head, ink sequence from left to right: K, Y, C, M, C,M.

The outside is a white ink head, ink sequence is all W



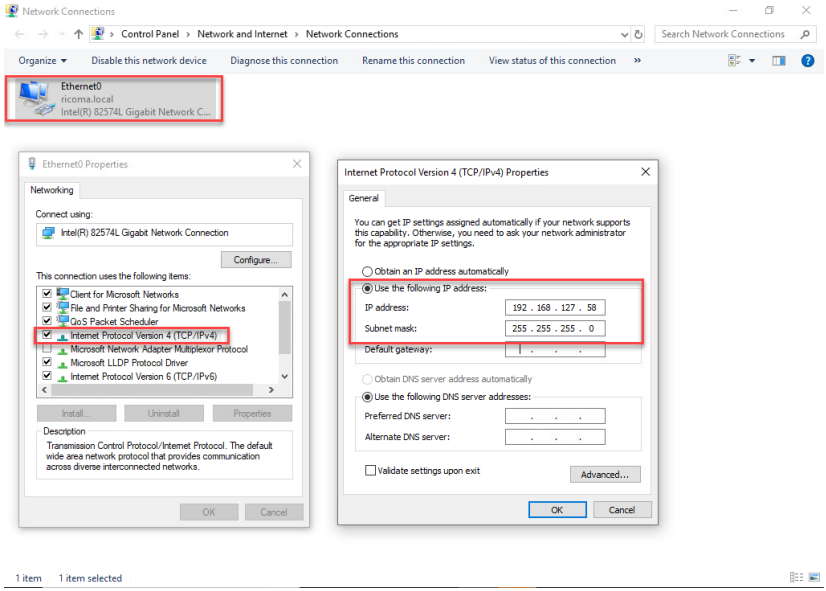
4. Software installation and parameter setting：

4.1. Software “hosonsoft”



Directly open the control software “**printexp.exe”** in the folder and automatically read the board data

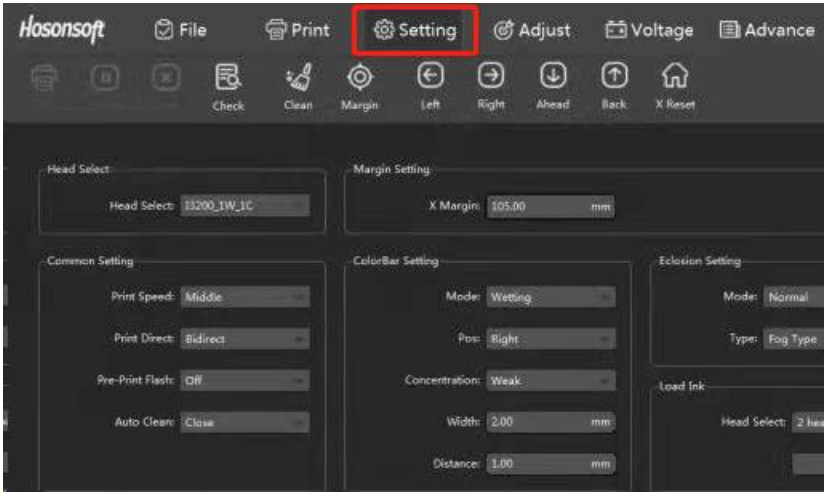
4.2. Printer and computer IP address settings



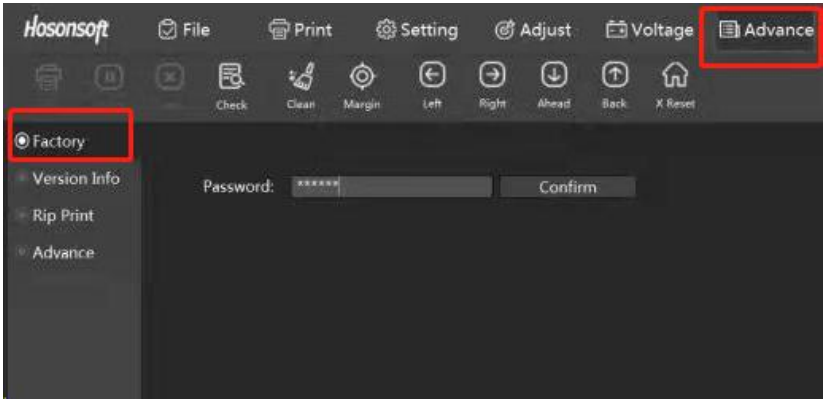
Set the network IP address of the computer. Use the custom IP address: 192.168.127.58, subnet mask (default): 255.255.255.0

4.2. Other common setting

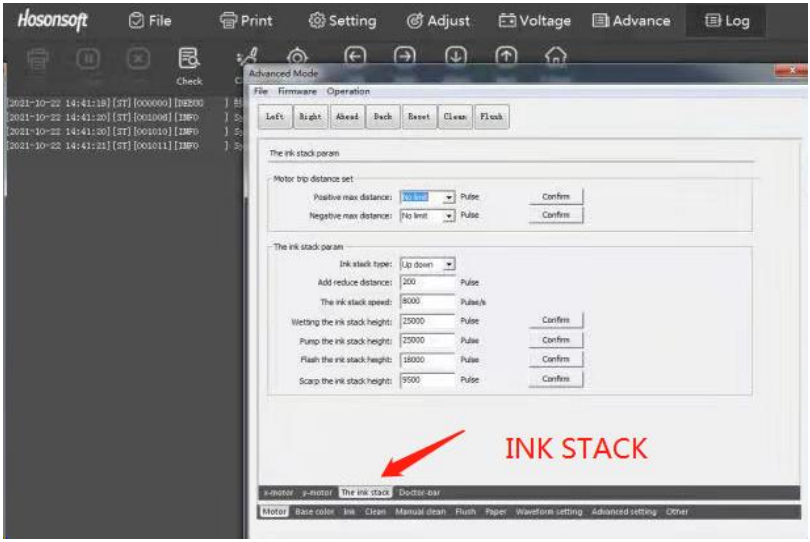
Click "Settings" and there will be normal print use settings.



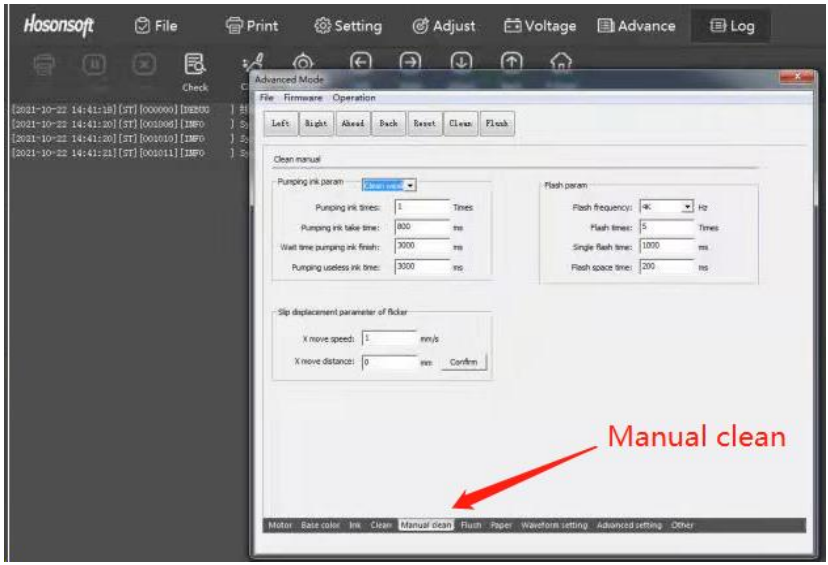
"Advanced" → "factory" → "password 111111", enter the internal function setting here



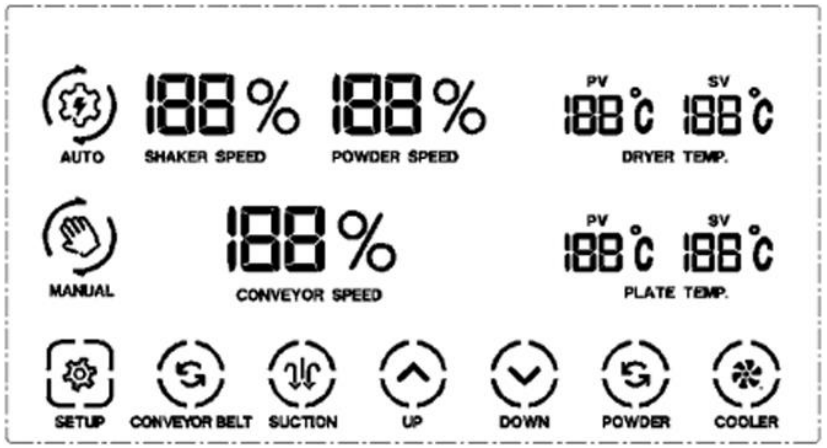
4.2.1. Main ink stack position, you can set "ink stack height", "Scrap the ink height", etc



4.2.1. Manual cleaning "cleaning parameters" can be set and adjusted here.Other functions can be set by default.



5. Shake powder operation process:



Schematic diagram of powder shaking operation panel

5.1. Confirm that the external power supply of the equipment

is connected (AC220v50 / 60Hz).

5.2. Confirm that the grounding wire should be firmly grounded.

5.3. Fix the material on the feeder and put it into the printer for printing. See "winding method" for specific operation.

5.4. Turn on the "main power switch" of the lower right control box.

5.5. Function setting: press the "SETUP:" key to select the function. When the powder shaking speed is selected, the powder shaking speed will flash, and then set the powder shaking speed through "UP" and "DOWN". After the powder shaking speed is set, press the "setup" key to set the powder spreading speed, belt guide speed and upper drying heating, The heating setting of the front guide plate is equal to the setting of speed and temperature.

5.6. Setting for turning off and turning on the powder shaking function: long press the "SETUP" key to turn off or turn on the "SHAKER SPEED". When "one by one" is displayed, it is turned off, and then long press the "setup" key to turn it on.

5.7. Setting for closing and opening the dusting function: click the second key "POWDER" in the lower right corner to select forward, reverse and close.

5.8. Setting for closing and opening the guide belt function: press the second key "CONVEYOR BELT" in the lower left corner to select forward, backward and close.

5.9. On / off setting of upper drying heating function: long press the "∧UP" key to turn off or on heating. When "one by one" is displayed, it is in the closed state, and then long press "∧UP" to turn on the heating.

5.10. Setting for turning off and on the heating function of the front guide plate: long press the "∧UP" key to turn off or turn on the heating. When "one by one" is displayed, it is in the closed state, and then long press "∧UP" to turn on the heating.

5.11. Cooling fan function off and on setting: click the "COOLER" key in the lower right corner to select on or off.

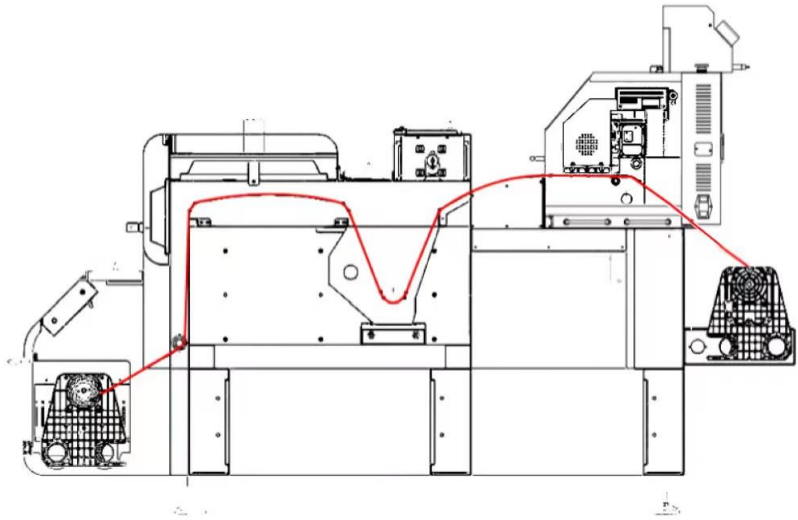
5.12. After adjusting the above functions, powder shaking and color fixing can be carried out.

5.13. Upper drying temperature setting: 100 ℃ -- 170 ℃ (the specific temperature is set according to the melting point of the powder)

5.14. The temperature of the front guide heating plate is set to about 60 ℃ - 80 ℃.

5.15. Turn off all "heating switches" after film fixation.

6. The film winding method：



6.1. Lead the media into powder box,though outside powder bar , then cross the space between up dryer and platform dryer , wind the media to the paper tube of the take up winder, the winding operation complete.

Attention: must make sure that the cloth smooth and no fold, the edge of cloth are level on both side of the machine (front and back).

6.2. The temperature settings are set according to the actual dissolution degree of powder and the deformation degree of the film. It is OK to dry until the powder can dissolve and the film does not deform. It is recommended to adjust the upper drying temperature in the unit of 5 ℃ until the powder dissolves.

7. Equipment Maintenance：

7.1. Disconnect the external power supply when repairing or cleaning the machine.
7.2. Clean the residual powder on the wall of the powder shaking chamber after finishing the goods every day.
7.3. Clean the powder shaking film.
7.4. Clean the remaining powder of the panel.
7.5. Clean the powder on the positioning shaft.
7.6. The control box shall be cleaned regularly to keep dry.
7.7. When the dusting box is off duty every day, the dusting box shall be cleaned without powder to prevent the rubber powder from being damp, resulting in no powder or motor jamming and burning. In case of powder spreading blockage, the powder spreading blade can be removed for cleaning.
7.8. The rubber powder used twice shall be screened with a 60 mesh screen before use to prevent the rubber powder with other impurities from blocking the powder spreading mesh or entering the picture, affecting the effect of the picture and the firmness of hot stamping.
7.9. When the powder shaker is in use, the upper cover of the powder shaking cavity is closed to prevent the rubber powder from flying into the guide belt when adding powder, and also reduce the voice.
7.10. When adding powder, the action range shall not be too large to prevent the rubber powder from flying onto the guide belt and entering the air suction platform. The guide belt and the suction platform remain on the platform after the rubber powder enters and are bonded with the guide belt. After

cooling, the guide belt will stick to the suction platform, causing the motor to burn out or the guide belt to deform.

7.11. When turning off the printer, confirm whether the trolley nozzle is reset.

7.12. Clean the residual white ink in the ink stack regularly.

7.13. In case of scratching the nozzle, immediately turn off the printer, move the trolley to the left of the printer, wipe it with the nozzle cloth stained with cleaning fluid, and wipe the nozzle surface.