SHK-4018UV

使用说明书
User Manual

catalogue

PS; printing process, the machine operation after computer control printing

According to the instructions, after the four operation, the pattern can be printed in the operation three

1. brief introduction

1.1 Welcome to use

    First of all, thank you very much for your support of this product, and I also congratulate you on having an industrial and personalized all-powerful printer with diversified printing media and broad application fields. We sincerely hope that you can have a non-free universal printer, so please read this "use manual" carefully before using the machine, and please pay special attention to the "prompt", "attention" and "important" signs on the manual. In order to be more convenient in the future use process, please keep the instruction manual properly.

All loss or personal injury caused by the violation of any of the following provisions shall be borne by the user
1. All losses caused by the failure to follow the "warning", "attention" and "important matters" parts of the operator emphasized in the operation instructions;
2. All losses and personal injuries caused by the operation of the minor;
3. Loss and personal injury caused by improper shedding and side fall of the equipment;
4、Loss and personal injury caused by improper placement of consumables by operators;
5. All illegal fire and personal injury caused by the power supply and circuit connection;
6、This product does not guarantee to be compatible with all types of computers and operating systems, due to this reason may cause losses in the use of this equipment;
7, Please use the original Shenghuangke special accessories, special ink, if the use of non-Shenghuangke accessories and special ink caused by the printer fault is not within the scope of the warranty;
8. Do not change the original parameter setting of the printer without authorization, otherwise all the losses caused shall be borne by the user;
9. Do not add ink until the machine starts up normally.

1.2 Safety information

请在使用此设备之前认真阅读以下所有指导。另外，请务必遵照标注在打印机上的所有警告和提示。

Safety instructions: Please read the instruction manual carefully and operate according to the instructions strictly to avoid equipment damage or personal injury. The damage to the equipment caused by not following the steps of the "Instructions for Use" is not

covered by the company's warranty.

【!】Warning If these instructions are ignored, there may cause personal injury or equipment damage due to incorrect operation. To better use the universal printer, be attention to these warnings.5+

【!】Note If these instructions are ignored, there may cause personal injury or damage to equipment due to incorrect operations. In order to be able to operate and use the universal printer safely, please pay attention to these precautions.

🚫 Important matters If these instructions are ignored, they may cause personal injury or equipment damage due to incorrect operations. In order to operate and use universal printers safely, please take note of these important matters.

【!】Warning-Select the printer

1. Avoid placing them in places where temperature and humidity are prone to drastic changes. Similarly, printers should avoid direct sunlight, strong light, or heat sources. Direct and intense light may lead to a lack of function of the printer sensor.

2. Avoid placing them in places prone to dust pollution, electric shock, and vibration.

3. Leave enough space around the printer to ensure sufficient ventilation and ensure that the printing platform can enter and exit and fall normally.

4. Please put the printer on a smooth workbench, which exceeds the base of the printer.

5. If the printer is tilted or has a certain Angle, it will cause the printer to not work properly.

6. Place the printer close to the power socket to ensure that the power plug is easy to plug and plug.

7. Do not bring the printer close to the magnet or the device containing it.

8. It is best to place the temperature in 10 ~ 25℃, and control the humidity in 55%~65% environment.

【!】Note-Select the power supply

1. Only the power types described with the parameters of this specification. Incorrect supply voltage can cause fire or electric shock to damage the machine.

2. Use only the power cord that comes with the printer. Use of other power cables may cause a fire or electrical shock.

3. Do not use a broken power cord. Otherwise, machine damage or casualties will occur.

4. Do not plug the power cord with wet hands.

5. The plug must be completely inserted into the power outlet.

6. Ensure that the power socket connected to the printer has qualified ground wire configuration. If there is no qualified ground wire configuration in the user's area, please manually connect the ground wire.

【！】About ink

1. Keep the ink bottle out of the child's reach.

2. If the ink touches the skin, wash it thoroughly with soap and water. If the ink enters the eyes, rinse with water and seek medical attention.

3. It is recommended to use up the color within 6 months after opening, and shake it evenly before use. Ink is stored in the dark, the temperature is best controlled in 10～25℃, and the humidity is best controlled in 55%～65% clean place

🚫 Important Matters When using a printer

1. Do not reach into the printer or touch other moving parts while the printer is working.

2. Don't try to repair the printer by yourself without the guidance of a professional person.

3. Be careful not to splash the liquid on the printer, especially on the circuit and signal transmission accessories.

4. When using the cable (data cable) to connect the printer to the computer.

5. Do not do any operation on the printer during the self-test.

6. Do not plug the printer cable (data cable) in the startup state.

2. Summary of the machine components
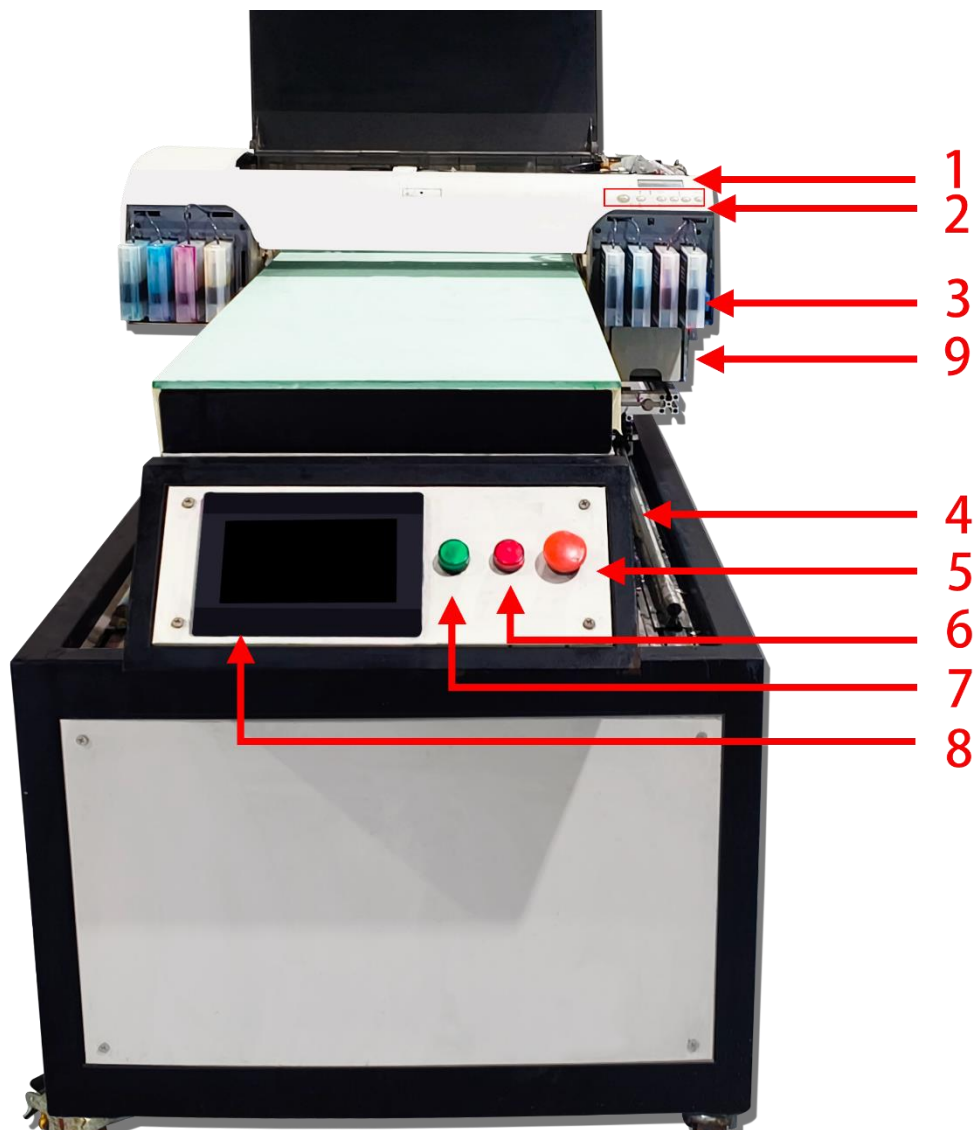
1. Machine current status display window
2. Control the display function button
3. Cartridge (no ink added in time)
4. Machine control countertop
5. Emergency stop / shutdown button
6. Power supply indicator lamp (off)
7. Power supply indicator lamp (on)
8. The upper and lower control panel of the machine
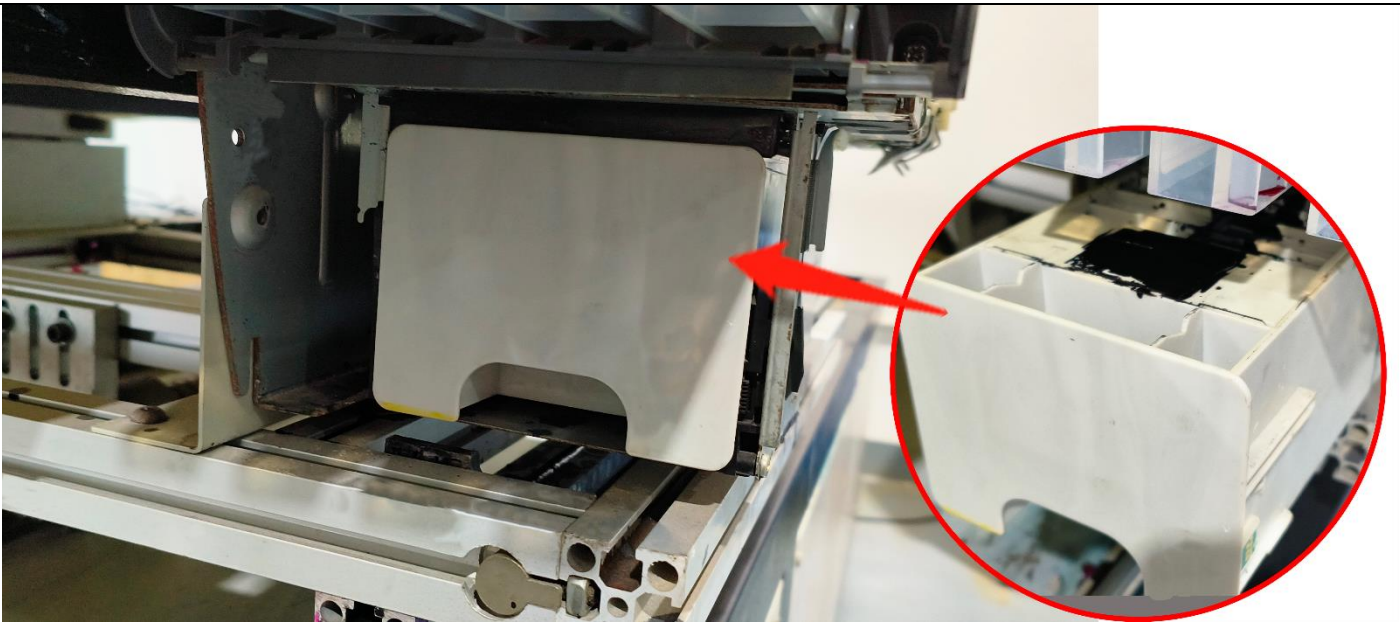
9. Open the iron box on the right side of the machine, here is the waste ink bottle. Should
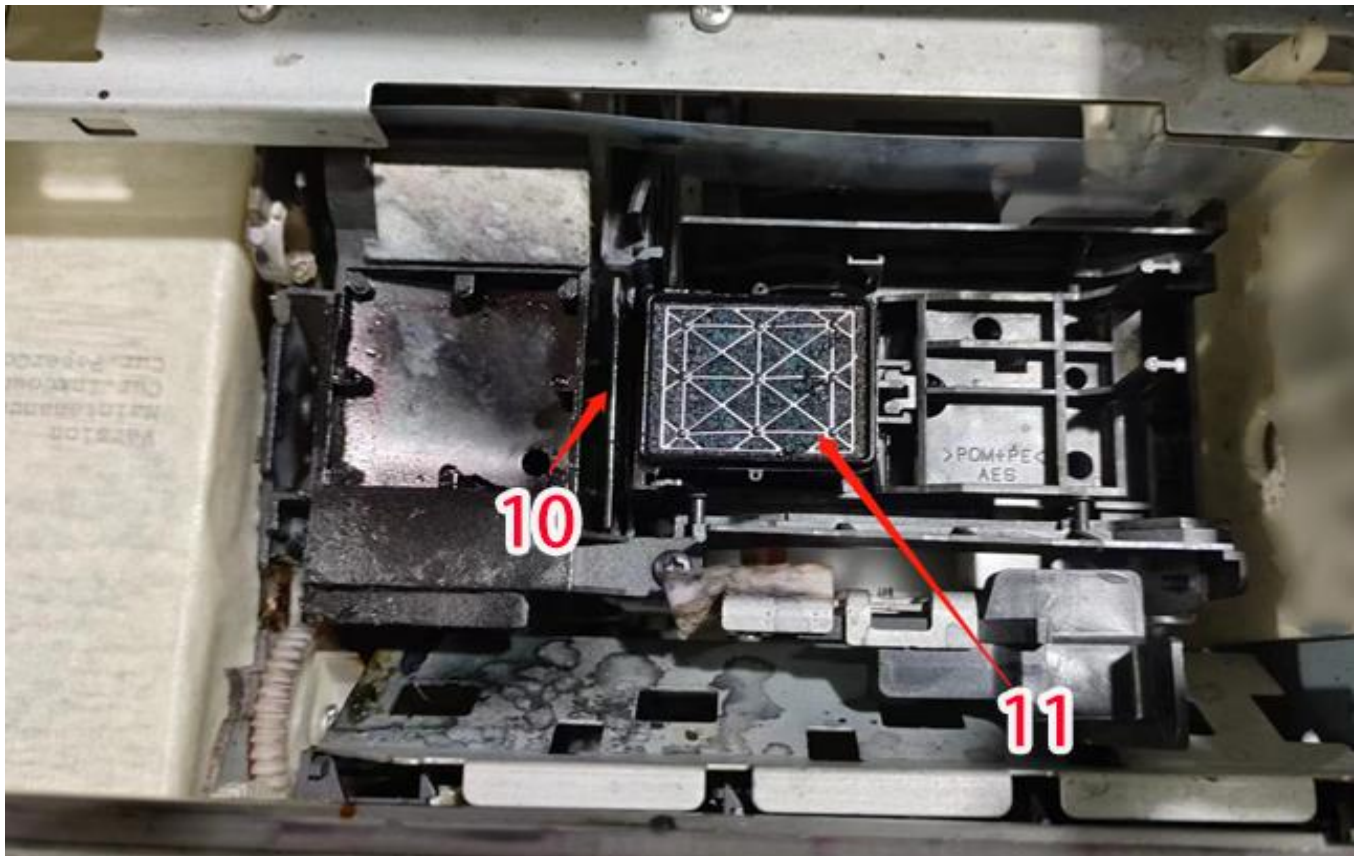
regularly check whether it is full, and clean up in time.
10. Clean the scraper, computer cleaning there will be ink residue, in order to ensure the quality of cleaning, need to finish printing every day after cleaning, clean with dust-free cloth or paper towel, if the ink becomes hard can use cleaning liquid to assist cleaning.
11. Clean the suction pad, computer cleaning there will be ink residue, in order to ensure the cleaning quality and nozzle sealing effect. It needs to clean up after finishing the printing every day. (When the nozzle is off, it will be sealed with the ink pad. If the ink pad is damaged, it will cause the nozzle to contact with the air, and the nozzle will block the nozzle for a

long time).

12. Head plate, protect the nozzle will not be easily damaged, after the printer cleaning nozzle will have ink residue, residual accumulation will encounter when printing objects need 2 to 3 days to clean up, such as ink hardening, can use cleaning liquid auxiliary cleaning, cleaning process not contact to the nozzle, if any contact to need to clean clean cloth.

13. Printer nozzle, the core component of the printer, control the printer inkjet, here can not be directly touched, the printing process into the nozzle, will directly cause irreversible damage to the nozzle, so you need to pay attention to the printing height when printing.

！Spray belongs to consumables, but also vulnerable, once sold (or sold with the machine), there is no warranty, please understand!
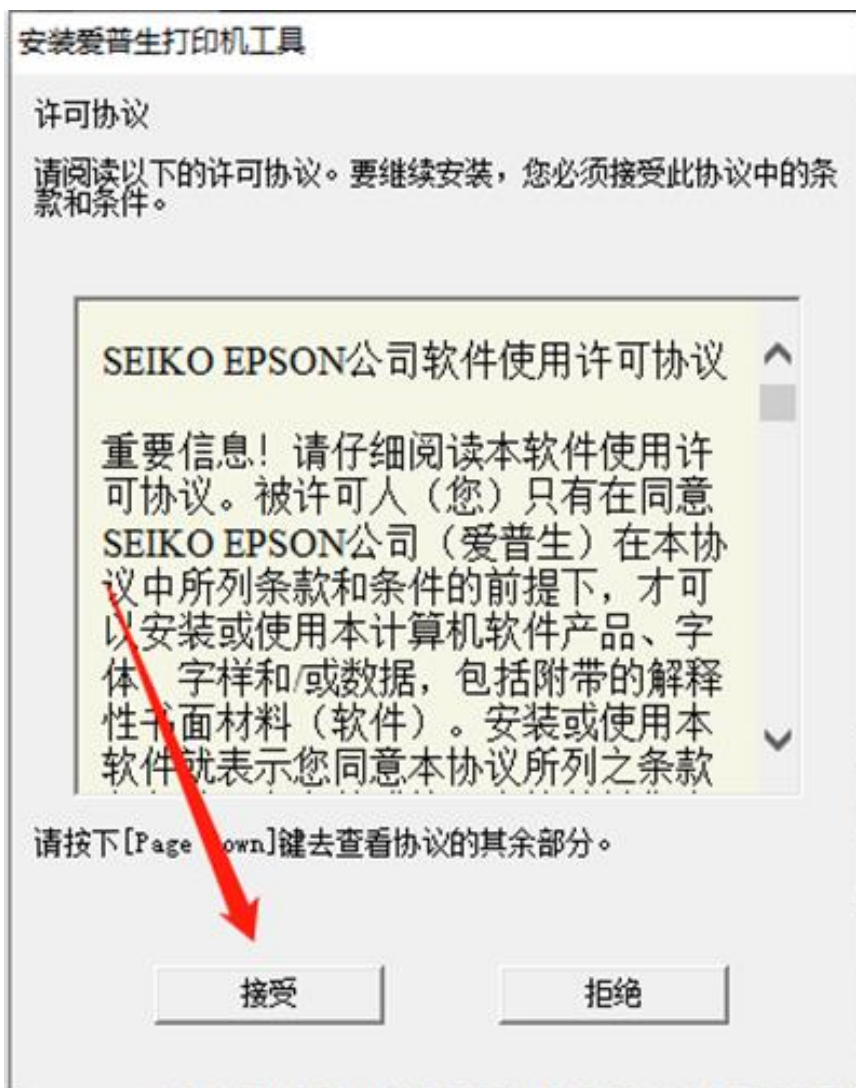
3.software installation

(一) Drive installation

1. Bring the drive installation package, open the text box as shown in the figure, find the end SETUP64 program to open.
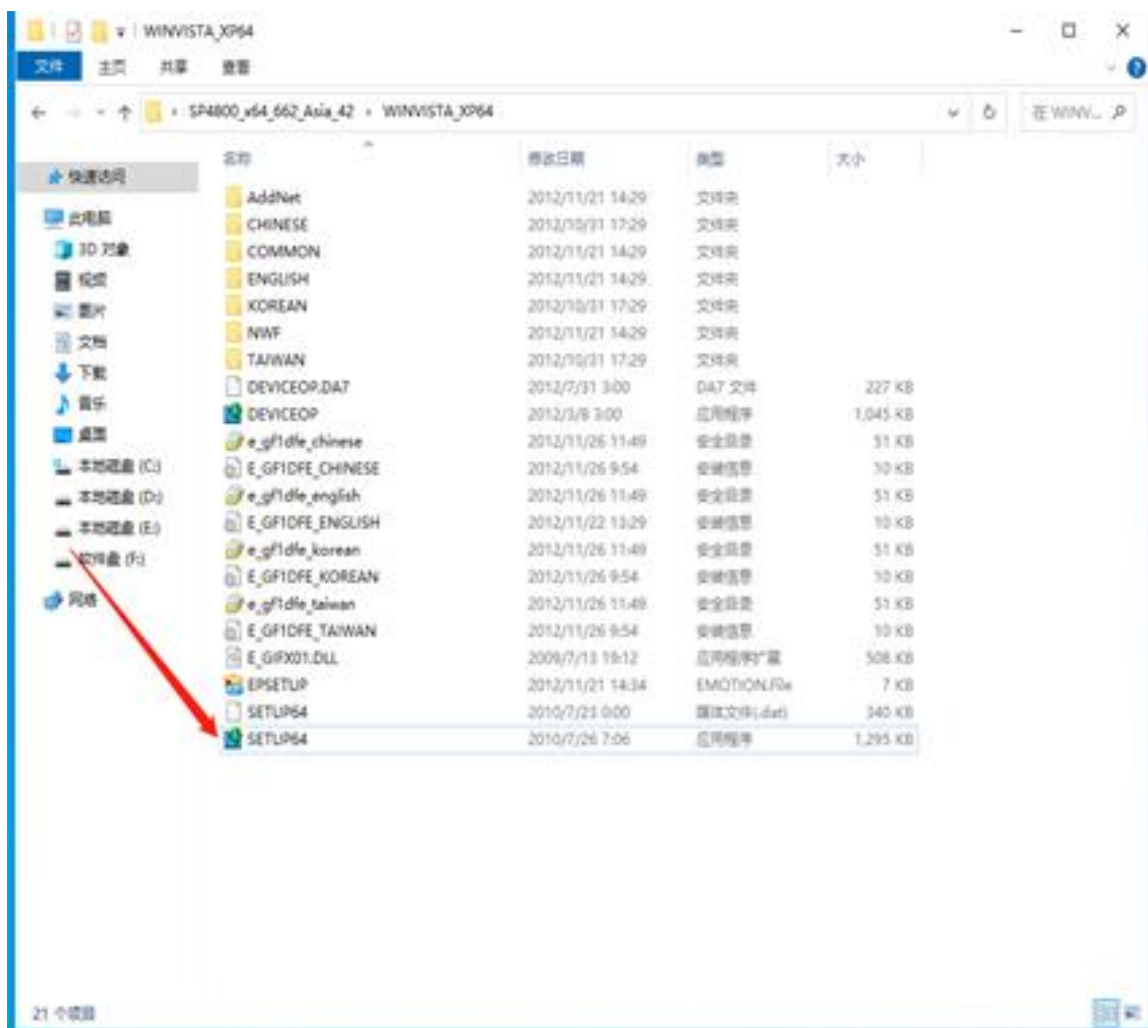
2. When Open, select OK.
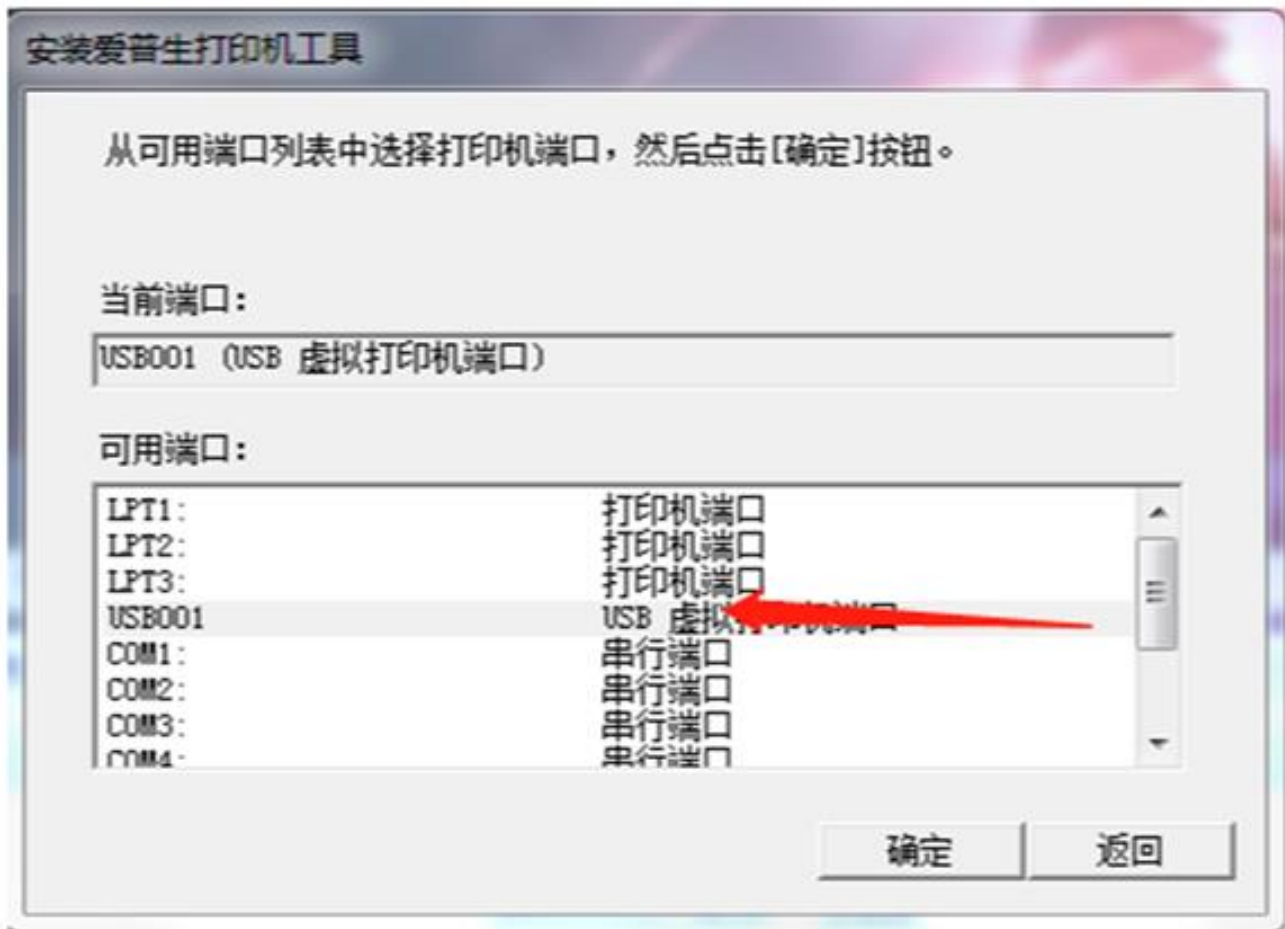

3. accept

4. Plug the USB from our machine into the computer
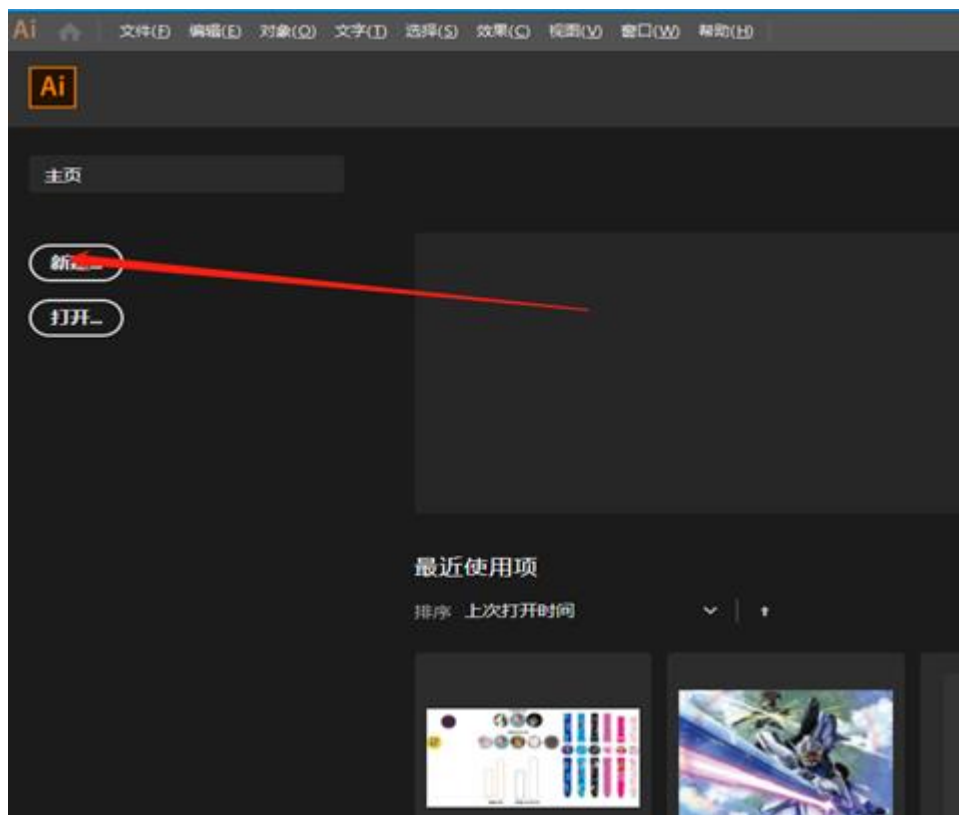

5. Select a manual after the insertion

6. Select the manual to find the USB interface end

7. The drive installation is complete
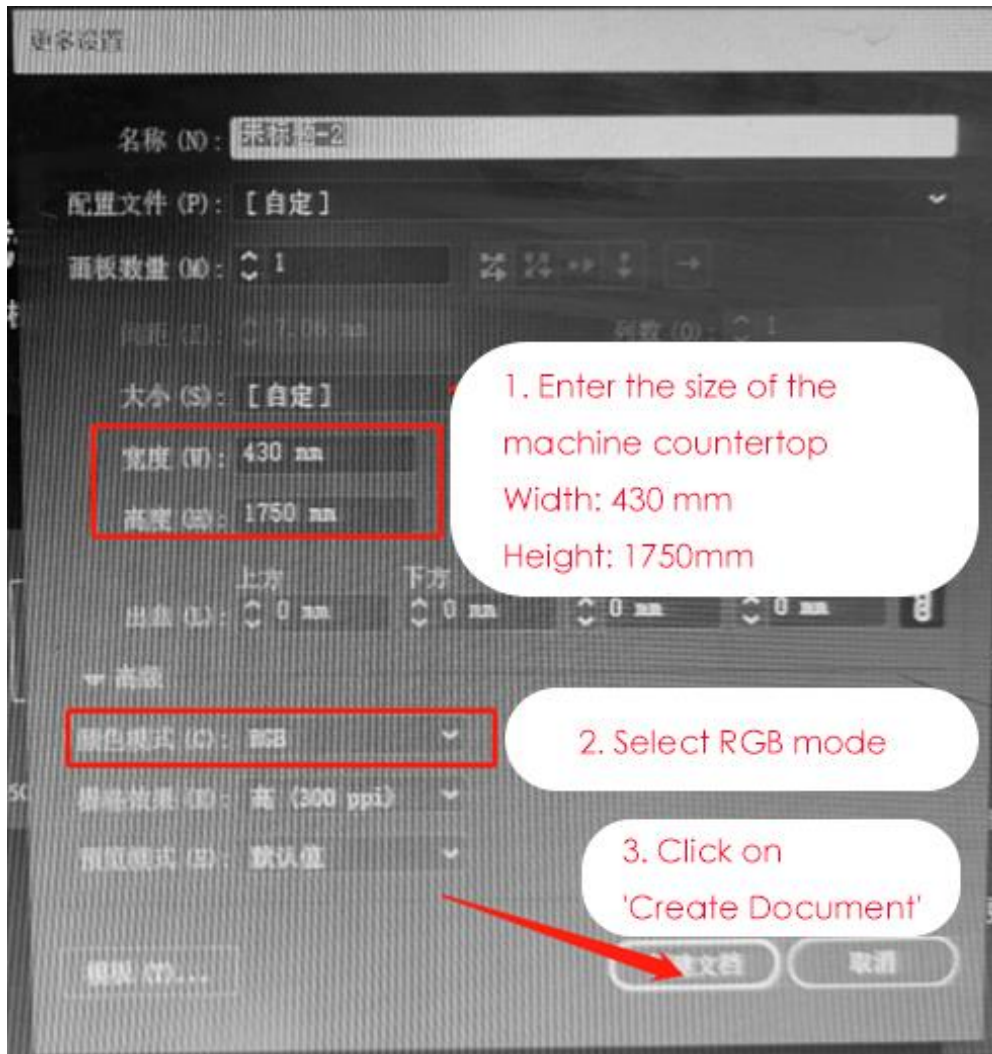
(二) Images import

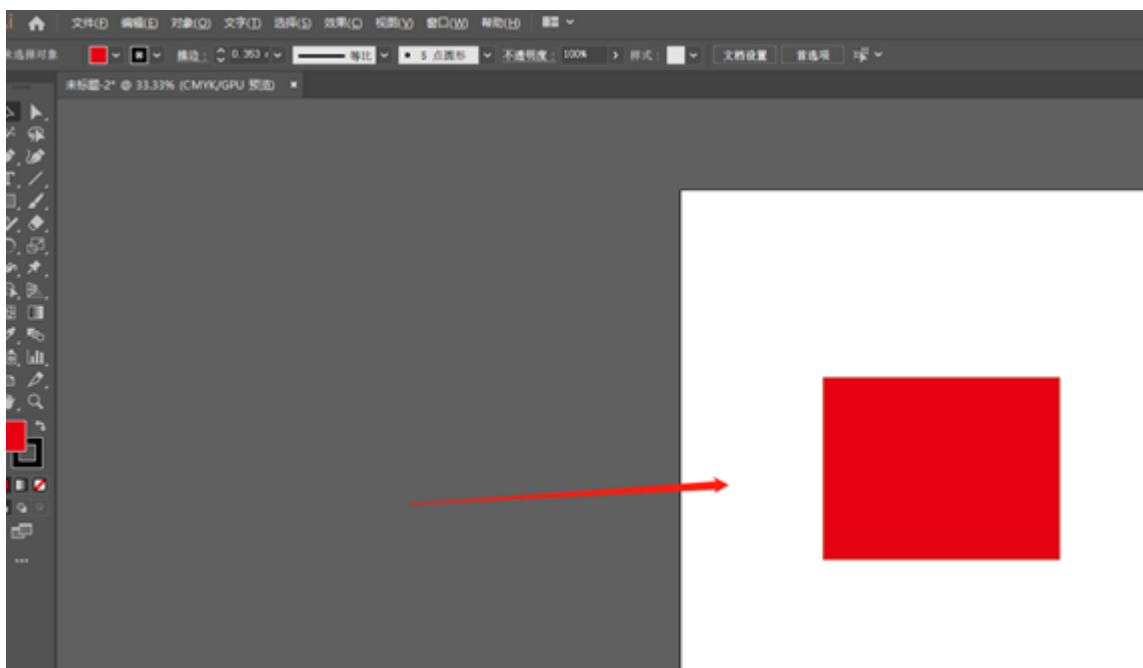1. Open the Adobe Illustrator software and click "new"

2. Click on "More Settings"

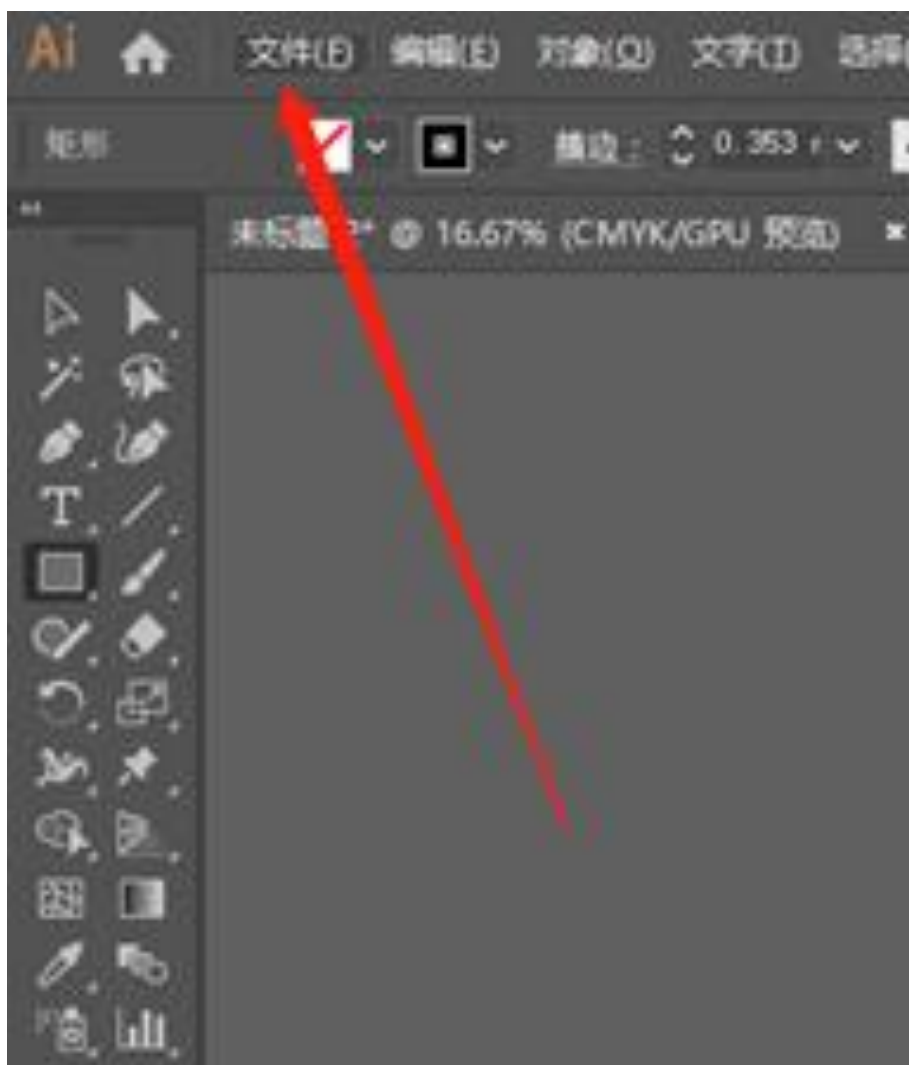3. Set up according to order

1. Enter the size of the
machine countertop
Width: 430 mm
Height: 1750mm

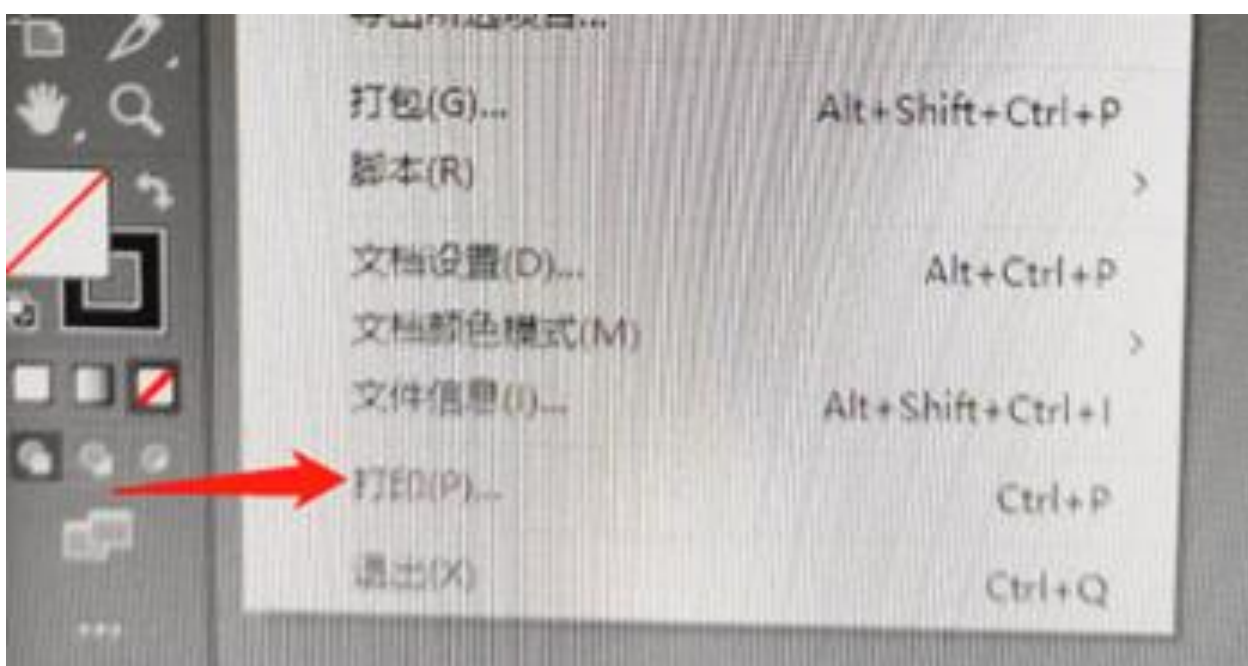2. Select RGB mode

3. Click on
'Create Document'

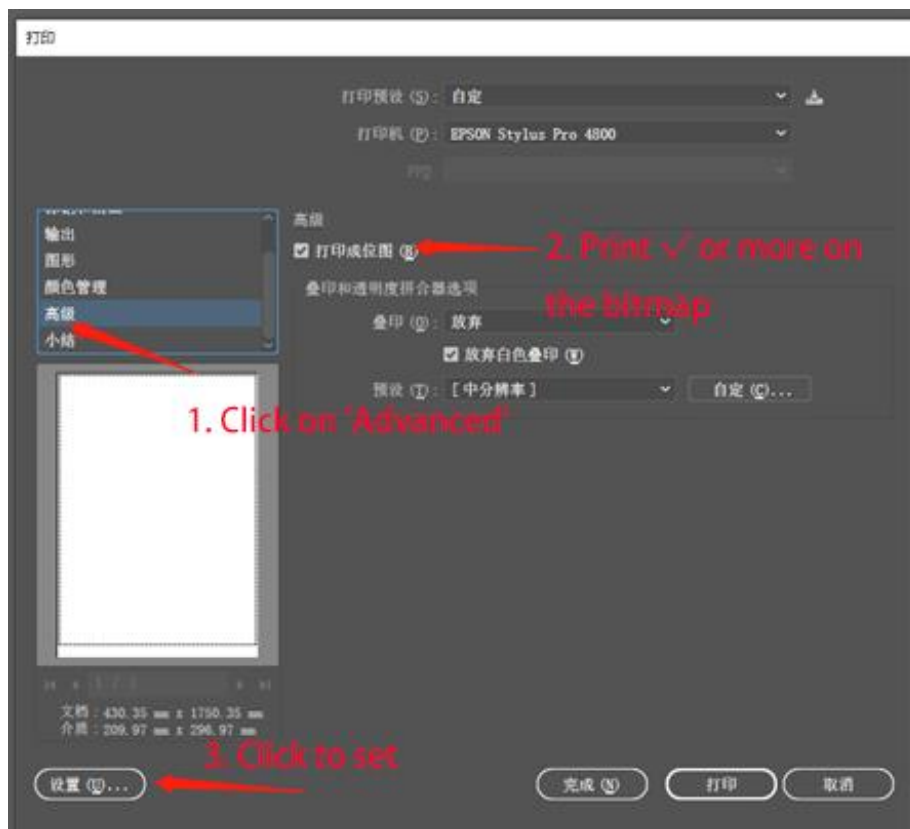4. Draw a box on a blank page (any size)
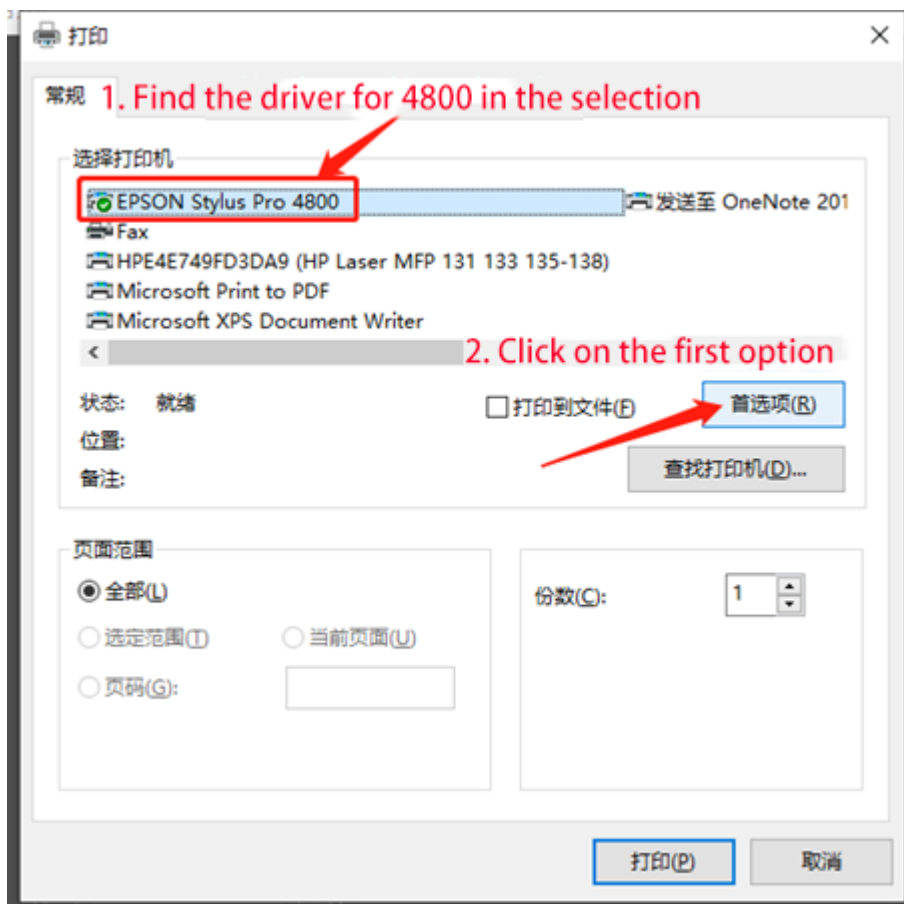
5. Open the files on the AI software

6. Choose to print
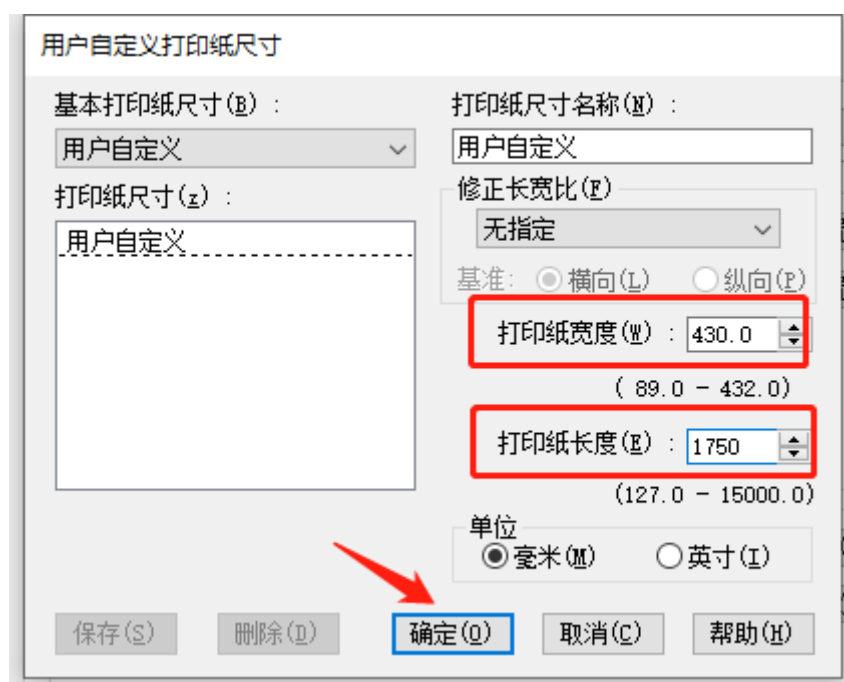
7. Follow the picture in order

8. a . The 4800 driver is selected on the b. Point preferences

9. Picture 1.2.3 Order is set as shown in Fig.4. Open the user customization

10. After setting up, determine

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11. Choose to determine

打印首选项 ✕

主窗口　页面版式　应用工具

选择设置(e)：　当前设置　⌄　保存/删除(D)…

介质设置
介质类型(M)：　重磅粗面纸　⌄　自定义设置(g)…
色彩(C)：　彩色　⌄　打印纸配置(P)…
打印质量(Q)：　质量　⌄
模式：　◉自动(A)　○自定义(t)
爱普生标准(sRGB)　⌄

打印纸设置
来源(S)：　卷纸　⌄　卷纸选项(I)…
尺寸(z)：　用户自定义　⌄　用户自定义(f)…
　　　　□无边距(B)

□打印预览(v)

墨盒选项
照片黑：T5641/T5651

恢复缺省设置(Y)　手册(u)　版本 6.62

确定　取消　帮助

12. Choose to print

打印 ✕

常规

选择打印机
◎ EPSON Stylus Pro 4800　🖶 发送至 OneNote 201
🖶 Fax
🖶 HPE4E749FD3DA9 (HP Laser MFP 131 133 135-138)
🖶 Microsoft Print to PDF
🖶 Microsoft XPS Document Writer
< 　　　　　　　　　　　　　　 >

状态：　就绪　　　□打印到文件(F)　首选项(R)
位置：
备注：　　　　　　　　　　　　查找打印机(D)…

页面范围
◉全部(L)
○选定范围(T)　○当前页面(U)　份数(C)：　1 ⌄
○页码(G)：

打印(P)　取消

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13. Choose to complete

14. That's all of the Settings

(三) Print teaching

1. **Choose the straight line tool to click on the blank space. Press the figure to set up after the determination**

2. **Put it in this position**

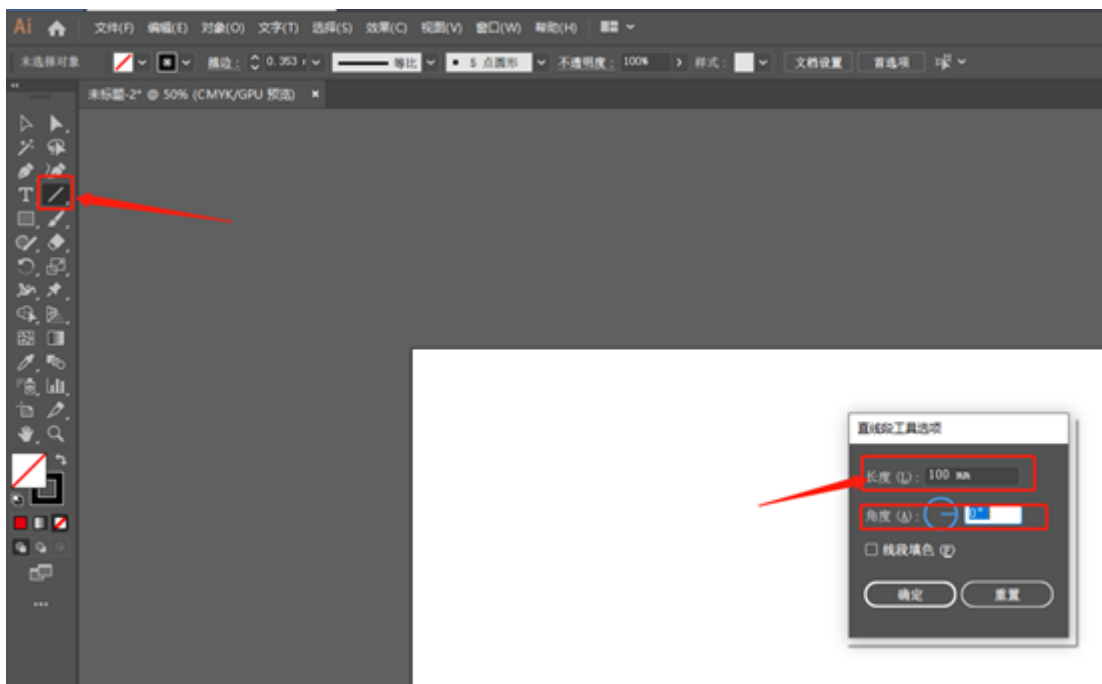把线放在这个位置
Put the line in this position
Coloque la l í nea en esta posici ó n

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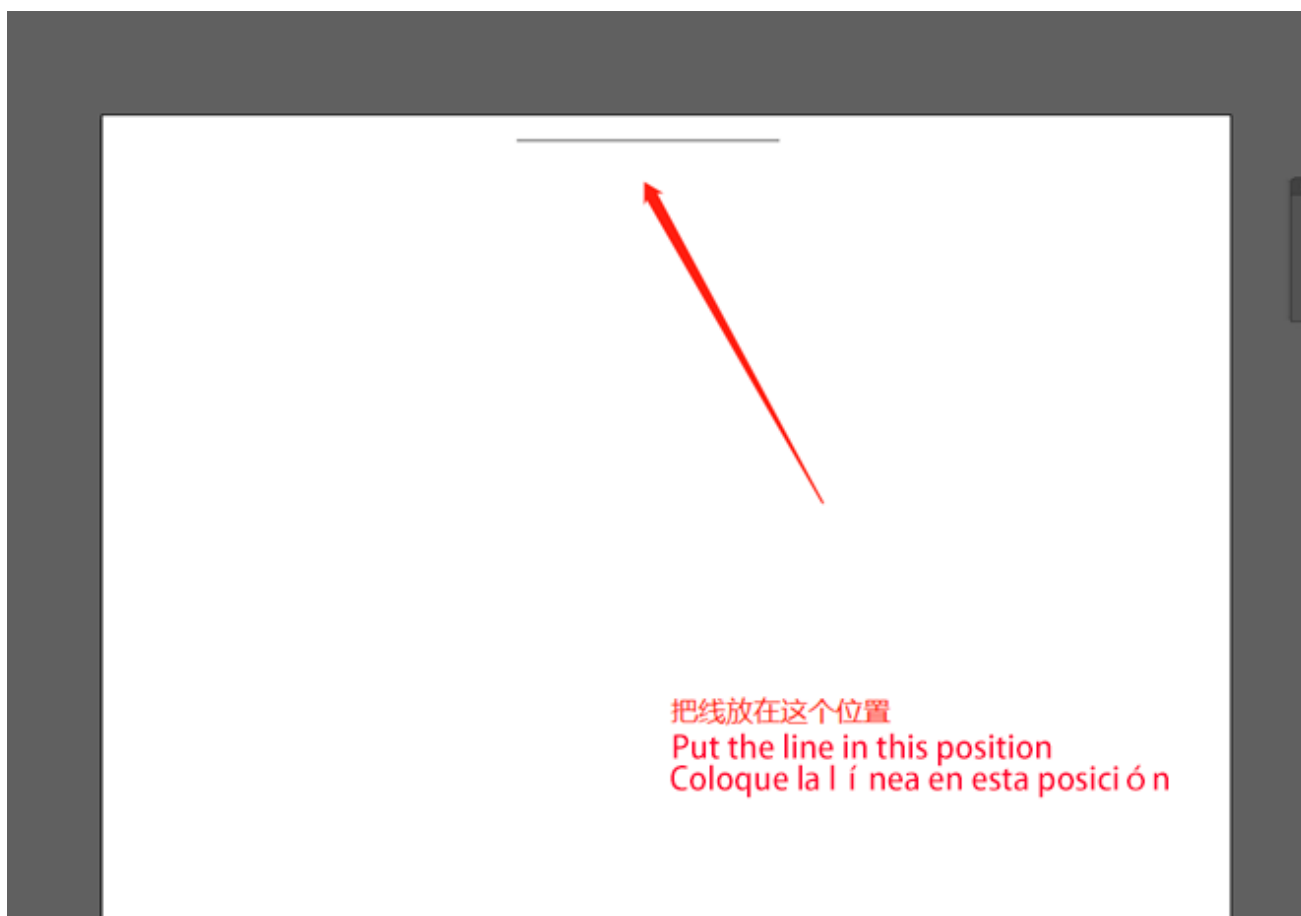
3. Follow the picture instructions

1. After configuration Pattern,

click on file to print the pattern.

*This white page is

Our printer's workbench.

If you want to print any

Pattern and place it in it,

The machine will print it out

In this position.
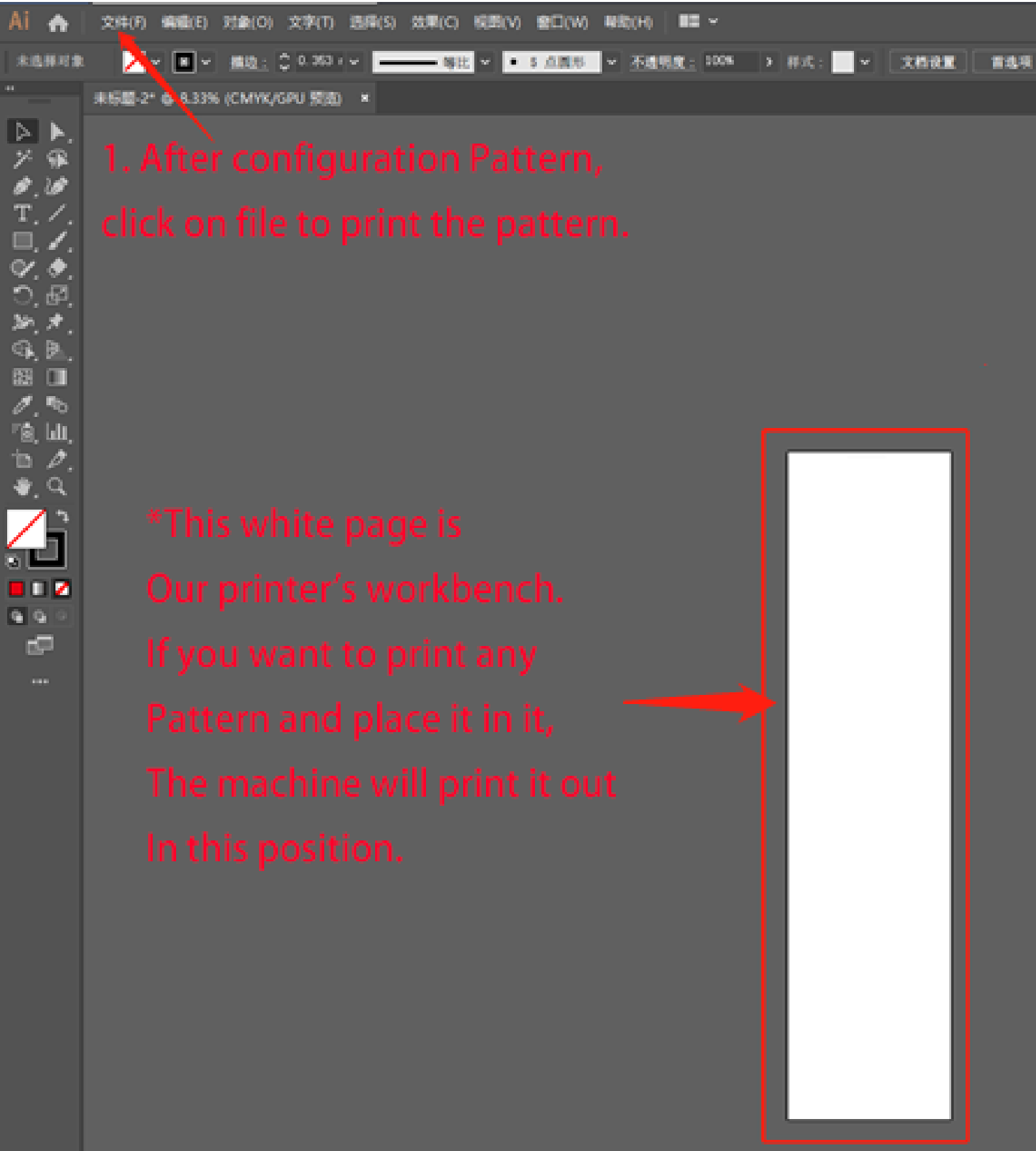
4. **At the end, you can print a beautiful pattern**
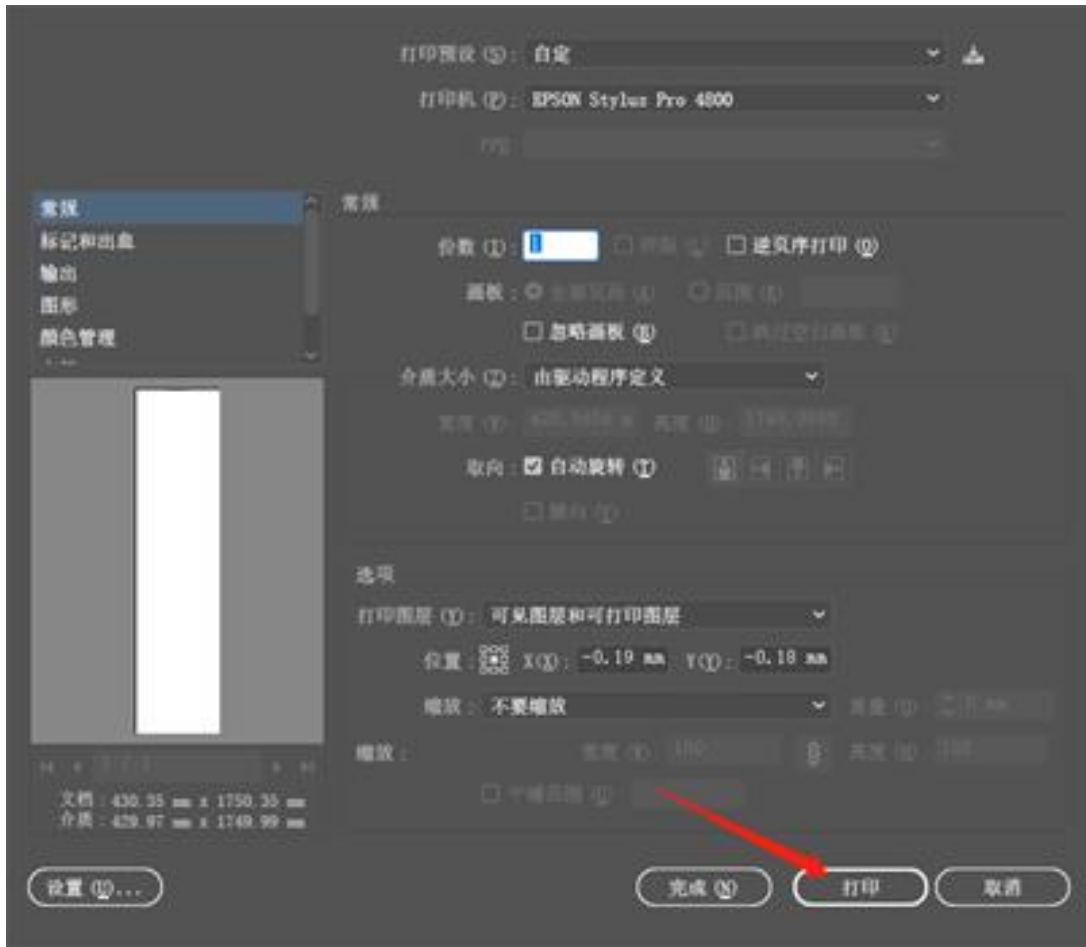
4. Instructions for using the machine

(一) starting up

1.   **Press the switch power button**

2.   **The button rotates right to power on the console**

3. After pressing on, the machine displays to this page and press the pause button
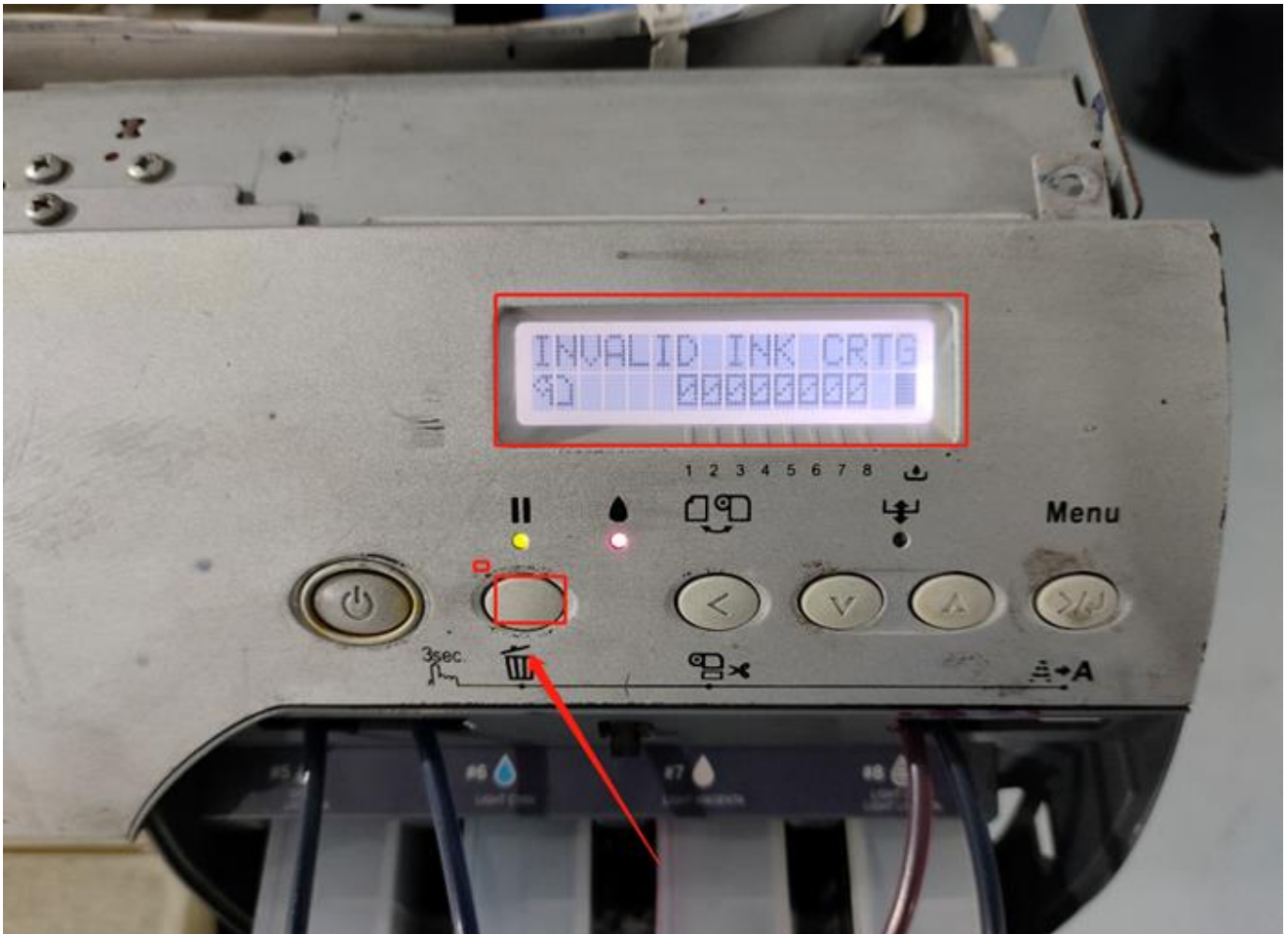
4. The machine display to the interface is the finished boot

(二) Key details
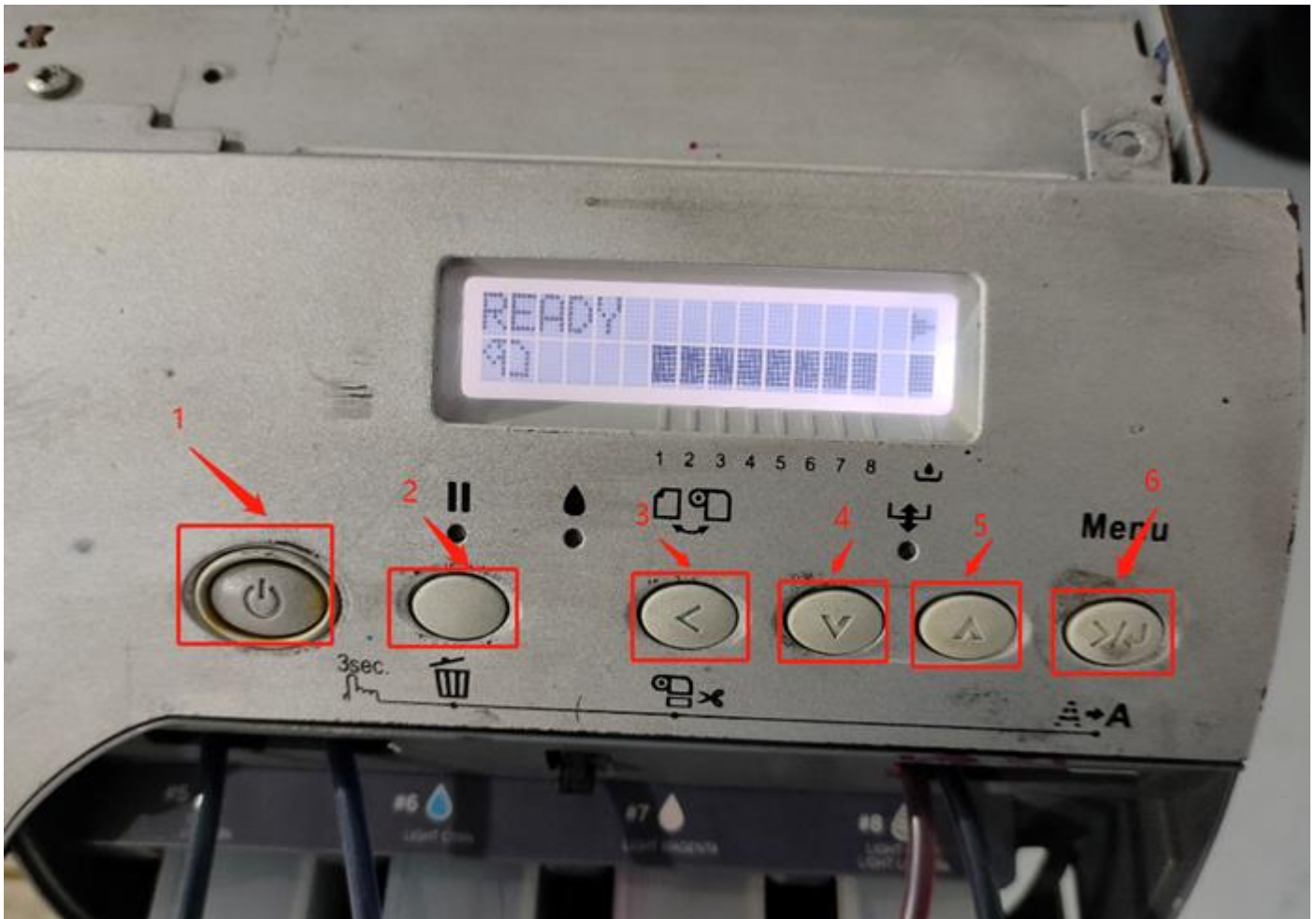
1. **Indicates the boot button**
2. **Indicates that the pause button can be pressed during printing pause and pressed again to print**
3. **Indicates the return key**
4. **Indicates the next key**
5. **Indicates the upper key**
6. **Indicates the menu button**

* Long press, the menu button can trigger the automatic cleaning

（三）adjust vertically

1. **The countertop control panel below points to this page**
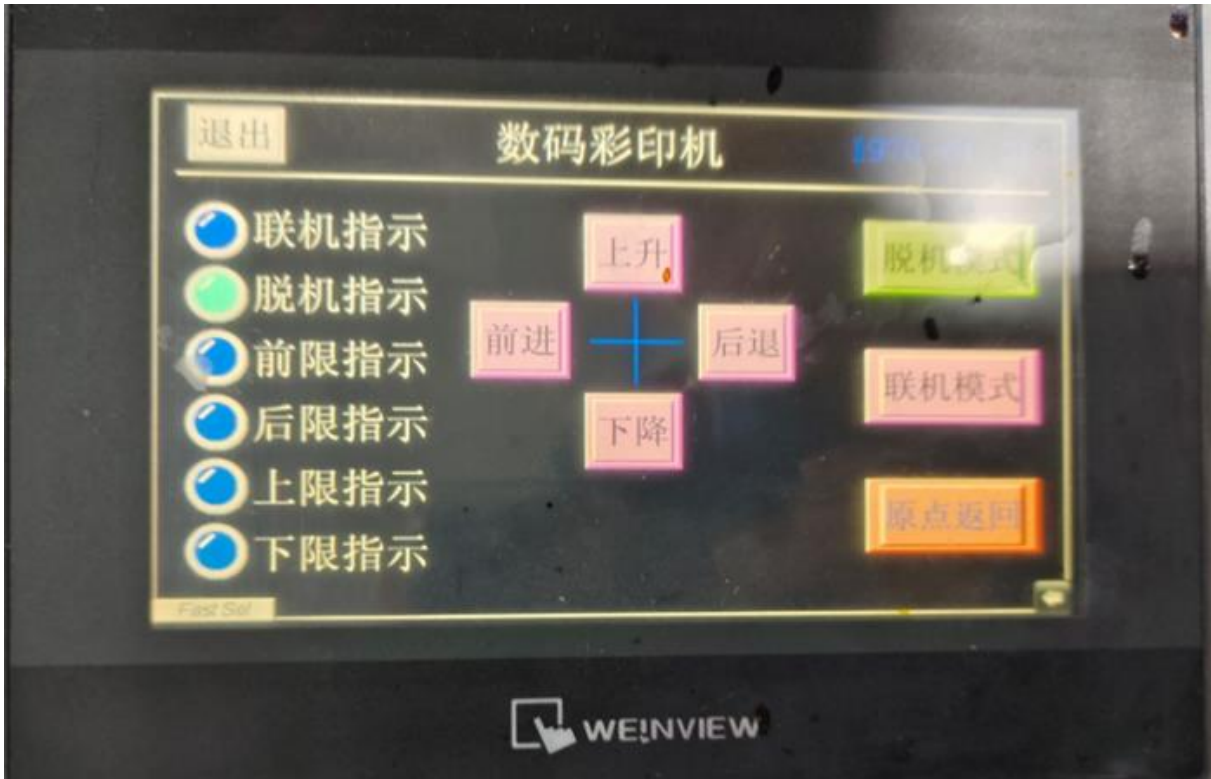
2. **Press the blue lever and push the front into the middle to check the nozzle and the height of the material we need**
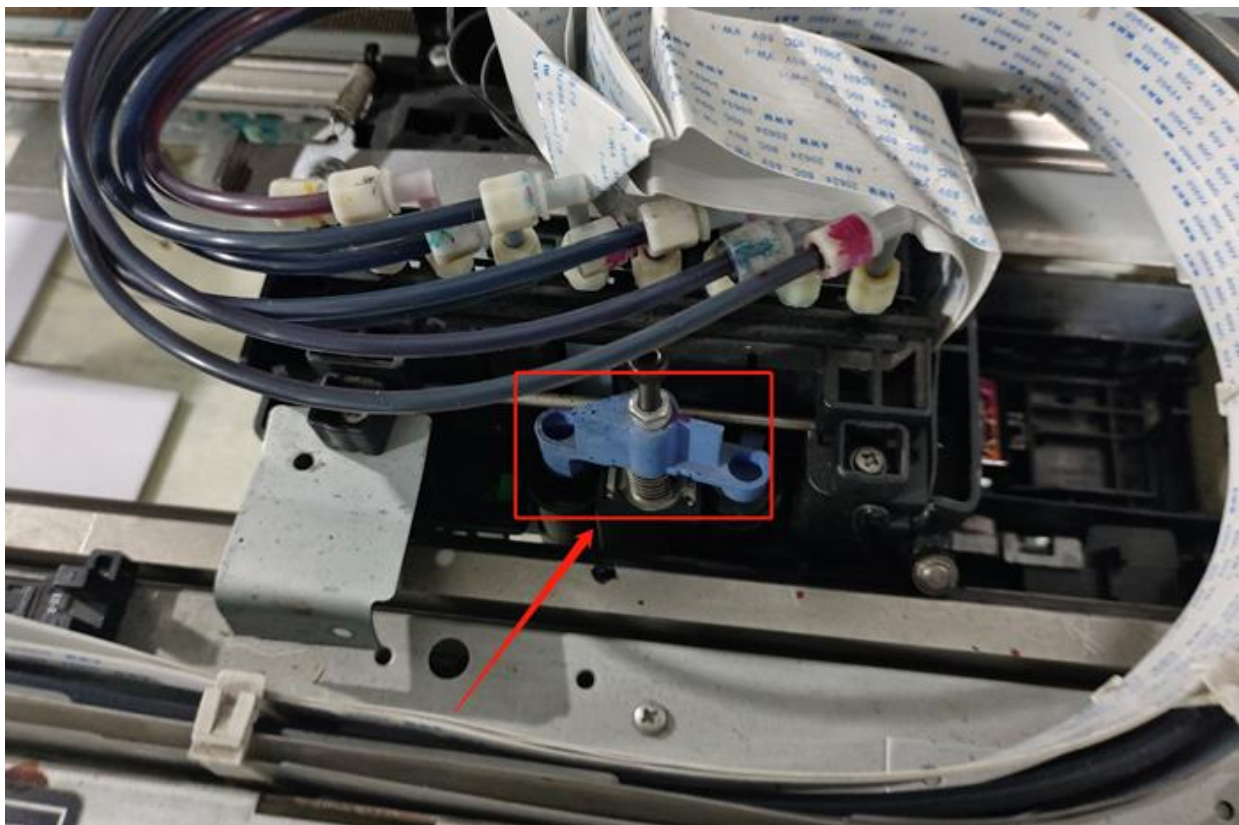
   to print

3. After the nozzle moves out * 1. is our nozzle * 2 is our material need us to adjust the nozzle from our material height of about 1-2mm spacing (how to adjust the height in the fifth step) after adjust the nozzle back to the beginning
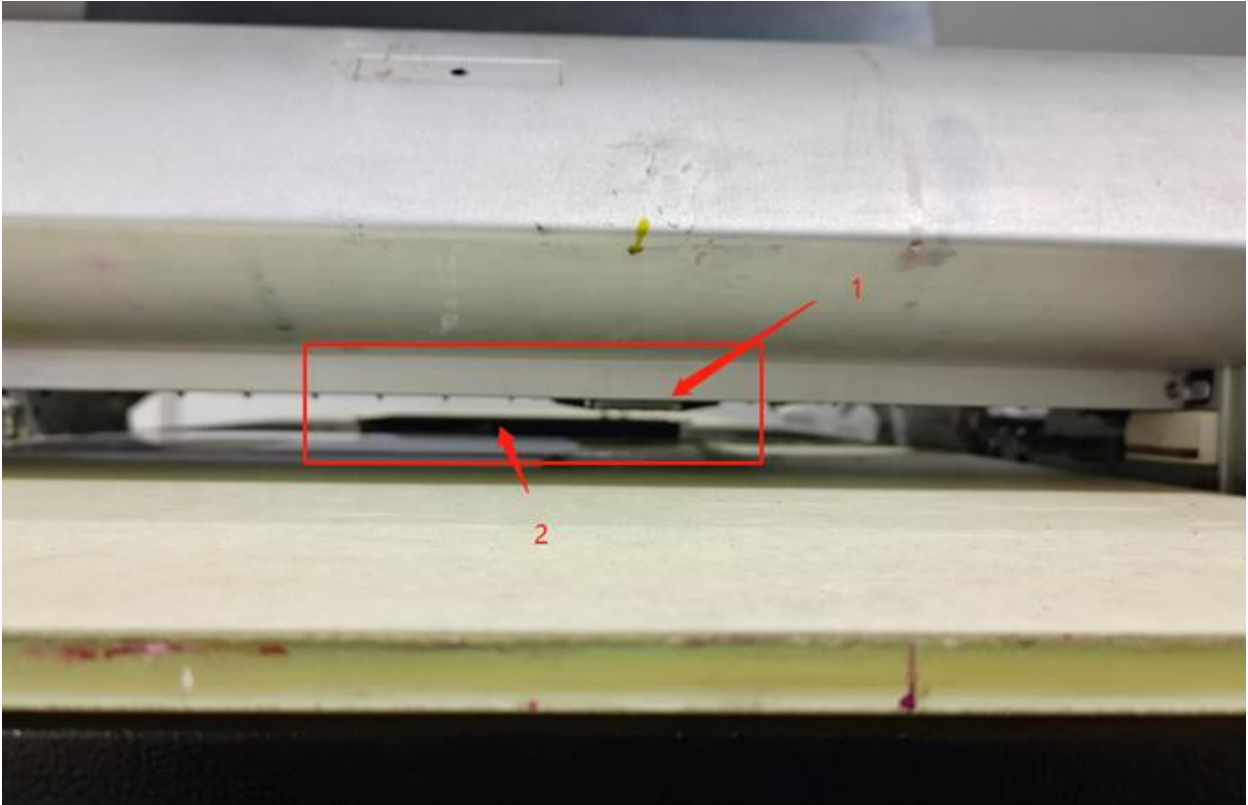
position

4. The seventh lift of the nozzle is controlled by this display

* 1. Machine table up * 2. machine stand down * 3. Machine stand forward * 5. Exit computer control * 6. Enter computer control * 7

5. **After adjusting the nozzle height, the point origin returns and can start printing by computer control**
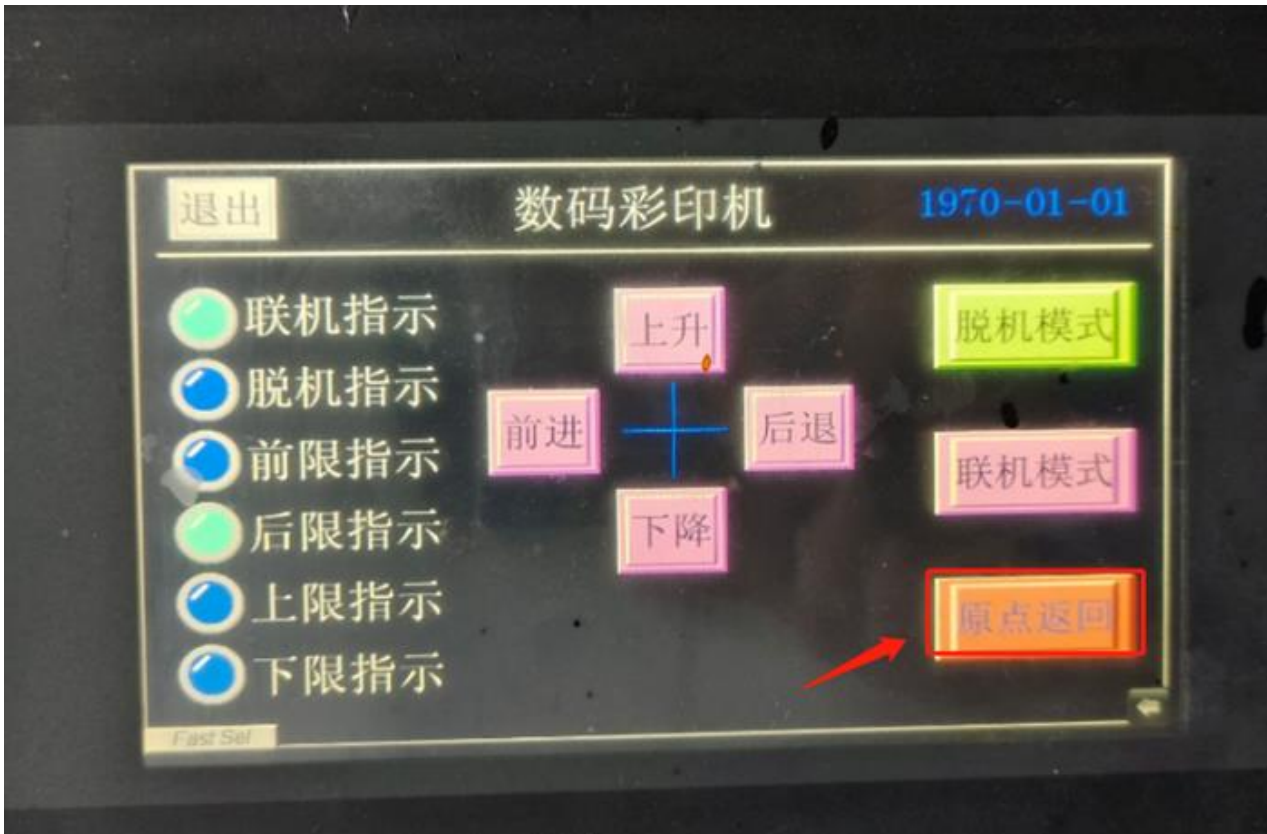
5. Disassembly and cleaning of the spray nozzle

(一) dismantle

1. If the machine is power off, move the front of the printer to the middle, and remove the screws on the right side of the front protection cover (remove the screws in the red ring in the picture).

2. Remove the screws on the left side of the front protective cover (remove the red ring screw in the picture), and then remove   the   protective   cover.

3. Remove the nozzle row line connecting to the nozzle according to the direction of the arrow in the figure.

4. Remove the nozzle fixing screw that needs to be removed (remove the red ring screw in the picture).
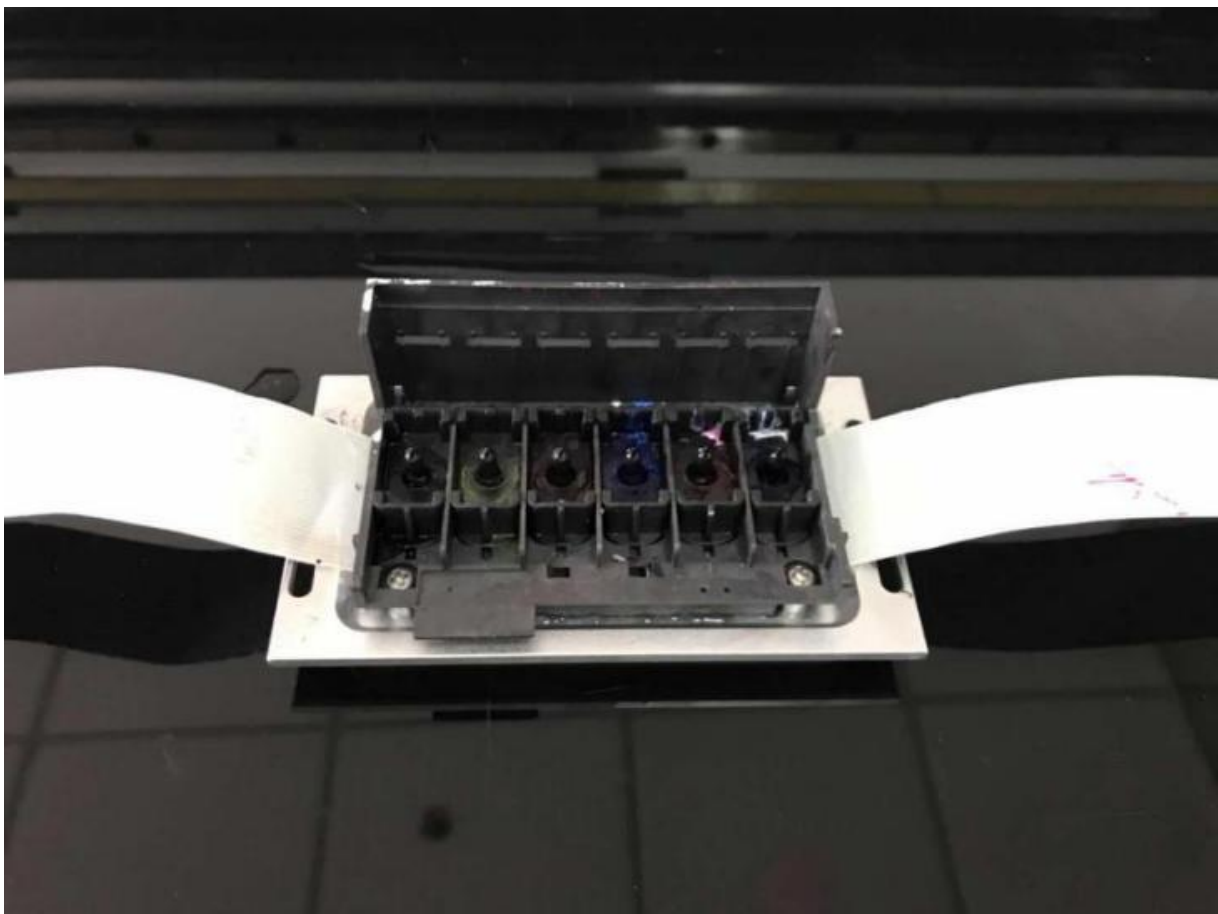
Remove the ink sac according to the direction of the arrow in the figure, and pack it in a bag to prevent the ink sac from

dripping on the nozzle.

(二) Spray head cleaning

⚠️ **Note: Please strictly follow the following steps to clean the nozzle!(Figure below)**

Spray belongs to consumables, but also vulnerable, once sold (or sold with the machine), there is no warranty, please understand!

Warning: Please beware of the nozzle cleaning liquid and ink directly contact with the skin, if accidentally contact, please immediately with soap (or washing powder) cleaning,
**If you accidentally, please rinse with water immediately. If you feel unwell, please seek medical advice immediately!!!**

When cleaning the nozzle, please be careful of ink and cleaning liquid to the connection of the nozzle line and the nozzle and the nozzle bottom plate. If it drops carelessly, it should be cleaned immediately, and dry with the hair dryer, and wait for complete evaporation on the machine, so as not to burn the nozzle and the motherboard!

1. Preparation tools: xp2000 nozzle, a new syringe, a hose, corresponding to the cleaning solution (textile ink for textile cleaning solution, UV ink for UV cleaning solution, not mixed).
2. Connect the syringe to the hose
3. Connect the syringe with the ink guide column on the nozzle to gently withdraw, withdraw 1ml, then pause, let the nozzle buffer for a while, repeatedly pump 20ml-30ml, the 6 ink channels on the nozzle need to be pressed again, and clean the syringe after completion.
4. Take a syringe air, the syringe and the nozzle guide column connection, gently press the syringe, you can see the nozzle surface ink out, with clean paper towel or clean cloth, repeatedly pressure 1-2 syringe air, until no longer ink, six ink channel need to press again, prevent cleaning liquid mixed with ink cause nozzle blockage.
5. Take the syringe cleaning solution and connect it to the ink guide column on the nozzle.
6. Gently press down the syringe, you can see that the surface of the nozzle. Continue to clean until the cleaning liquid is no longer mixed with ink and becomes pure and transparent. A little increase in intensity, out of the cleaning liquid will change from water droplets to water column. If the nozzle ink is smooth, it should be a clear and neat water column; if the nozzle is broken, the water column will be partially missing during cleaning; if printing drawing, some lines should be oblique spray during cleaning (not vigorously cleaning, otherwise it will cause nozzle ink and damage to the nozzle).
7. If the nozzle is broken line washing, you can try to soak, find a put under the nozzle, flat container, into the cleaning liquid, not too much, soak the surface of the nozzle can be. Wash again after 15 min of immersion.(Ink nozzle should not be soaked for a long time).

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8. Take a syringe air and then connect with the ink guide column on the nozzle to clean the cleaning hydraulic pressure in the nozzle and repeat 2-5 times to prevent the mixing of the cleaning liquid and ink caused by the blockage of the nozzle.

9. After cleaning, clean the cleaning fluid and ink in the ink guide column and tank to prevent the ink and cleaning fluid from dropping into the connection of the nozzle row line and the nozzle with the nozzle bottom plate, causing damage to the nozzle.
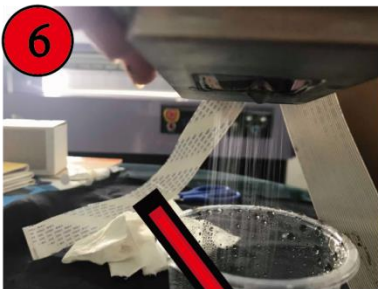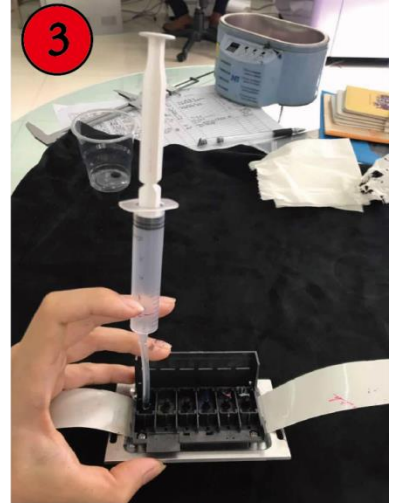
Amplify
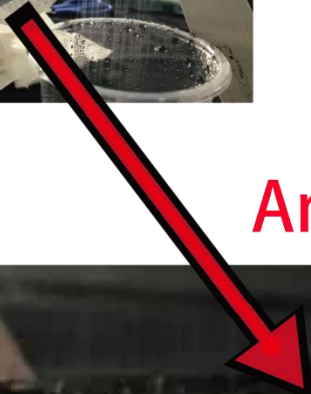
6. Daily maintenance instructions

(一) Environmental requirements

Flat plate printer belongs to the high-precision printing output equipment, some operators do not understand its performance and operation skills, it is easy to cause a variety of problems, resulting in the reduction of the service life of the instrument, to bring great losses to the production of enterprises. Therefore, when working normally, it is very important to do a good job in the daily maintenance of the printer. So, as an operator, how should the flat-panel printer be maintained?

1. Indoor temperature requirements: the printer should be placed in a cool, backlit corner, to avoid high temperature and direct sunlight environment, the appropriate indoor temperature is 19℃ ~32℃, humidity is 25%~70%.
2. Solid flat work platform: guarantee to place the printer work platform flat stable (solid refers to the machine in the normal working process working platform here not because of the movement of the machine shaking), UV flat printer machine is very heavy, if the old machine working platform is not smooth, can cause printing platform tilt machine swing and affect the printing effect.
3. It is forbidden to place sundries on the machine: especially drinks, tea cups, liquids are strictly prohibited to prevent the liquid into the machine and cause the circuit short circuit burning the circuit board, causing irreparable losses, regularly wipe the dust on the machine surface with a cloth to prevent dust accumulation.
4. Printing platform to avoid heavy pressure: the heavy weight is prohibited on the platform, which will cause the deformation or even rupture of the printing platform, thus affecting the normal use.

(二) Maintenance of nozzle

The nozzle is the core component of the flat panel printer, and also the most expensive component. The maintenance and maintenance of the nozzle is directly related to the service life of the nozzle and the quality of the drawing. In the process of use, the difference in ink quality and the life of the nozzle will be greatly shortened. During the normal use of the machine, please do not change the ink at will, different manufacturers of ink ingredients, mixed with the ink will occur chemical reaction to solidify and block, resulting in the nozzle plug, the gain outworth the loss, so in the replacement of different manufacturers of ink you should be ready to scrap the nozzle.

1. The nozzle to maintain flash spray: when the machine is in standby, please click the "reset icon" on the toolbar, let the word car stay on the flash spray position, through the ink, flow flash spray to keep the nozzle unobstructed; (after the nozzle must be in the flash spray position to flash spray, in other positions is not inkjet)
2. Head back seal: normal shutdown order, first close the control software, the ink car to the right back to the ink pad above, play the role of sealing the moisturizing head, it is strictly prohibited to directly power after the nozzle exposed outside, which will cause the ink dry, causing the ink solidification block the spray head;
3. Spray head moisturizing and blocking: when the machine determines that the machine is not in use for more than 7 days, It is recommended that you remove the nozzle, Clean the ink in the nozzle repeatedly with the cleaning liquid, Then inject a moisturizer into the nozzle, Fded with a dust-free cloth into the size of the nozzle metal surface, Add a little moisturizing liquid on the cloth and place it on the surface of the nozzle to further moisturize (the moisturizing liquid above the cloth should not be too much, the best to wet the cloth will not overflow to the side), Then seal it with plastic wrap or a sealed bag to prevent the moisturizing liquid from volatilization, Wash se and refhydrizer every 15 days, When placing the spray nozzle, The metal orifice surface must face down, Inposition is strictly prohibited;

(三) Machine maintenance

1. Weekly cleaning and maintenance X, Y axis rails and lifting gear and rack: clean the X axis rail and Y axis working platform with cloth, and add liquid lubricating oil; (do not add grease, because grease is sticky, will produce resistance, thus affecting the transmission accuracy), drive lifting gear and rack with grease;

2. Prevent liquid splashing into the machine: ink and cleaning liquid have strong corrosive, must not contact electrical components and wires, if accidentally splashed ink or cleaning liquid and other liquid, must immediately power off and wipe clean, in order to ensure that the splashed liquid dry rear can power on;

3. Regularly clean the accumulated ink on the platform: in the production of some products in order to fully cover the image, the picture will be larger than the product, a long time of excess ink slowly accumulated too high, thus scraping to the nozzle caused nozzle damage, so it is necessary to timely clean the excess ink on the platform;

4. Weekly cleaning grating strip: there are many scales on the grating, for a long time, the ink and dust will cover the scale, leading to the printing fuzzy size deviation, thus affecting the final printing effect;

5. The ink that has been opened must be used within the appropriate time: if not, it must be sealed, because it will cause the ink to evaporate or contact with the air, causing the nozzle blockage, and may affect the color fastness of the printed picture on the product.

SHENG HUANG KE

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