SUNIKA®

SK 60
DTF Printer
User Manual

ACCESSORY BOX

| Waste ink tank | PP flexiprint | Epson printhead | Power cord | Convertor | Paper feeder |

| Toolbox kit | Spare ink carriage core | Ink sac and ink sac holder | USB flash disk | Waste ink tank holder | Syringe | Paper feeder holder |

Printer vertical leg beam

Paper feeder steel pipe

Printer vertical legs on both sides

Printer lift

Printer vertical leg bottom

MACHINE POSITION DESCRIPTION

SUNIKA
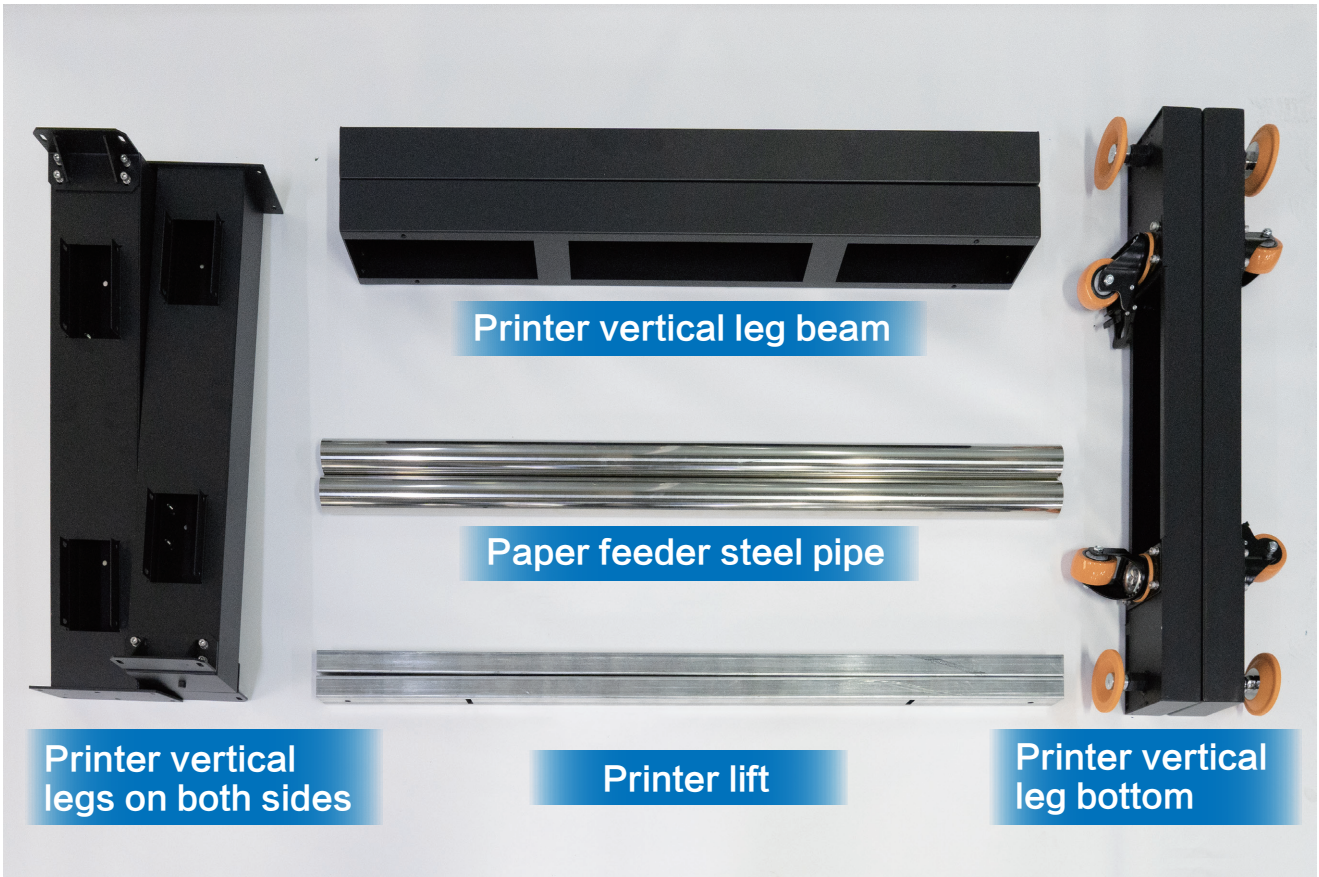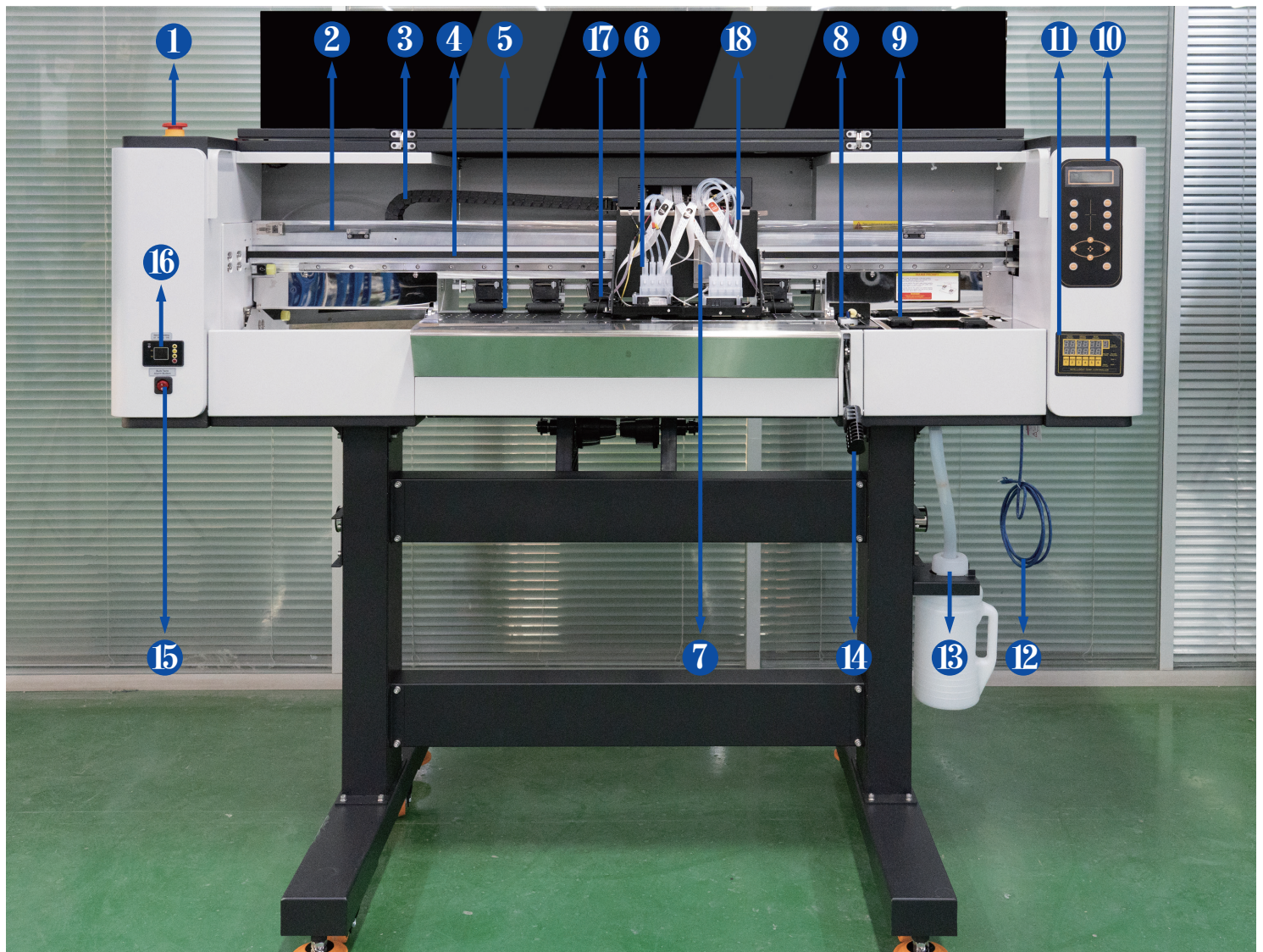
❶	Emergency stop button	❿	Machine control panel
❷	Raster	⓫	Temperature control panel
❸	Ink chain	⓬	Computer cable
❹	Belt	⓭	Waste ink tank
❺	Roller	⓮	Roller handle – front
❻	Ink sac	⓯	Lack of ink alarm switch
❼	White secondary ink cartridge	⓰	White ink mixing time controller
❽	Printhead wiper	⓱	Carriage anti–collision holder
❾	Ink core	⓲	Ink tube

MACHINE POSITION DESCRIPTION

⑲ Power socket

⑳ Paper feeder round tube

㉑ Roller handle−back

㉒ Paper feeder

㉓ White ink cartridge

㉔ Yellow ink cartridge

㉕ Magenta ink cartridge

㉖ Cyan ink cartridge

㉗ Black ink cartridge

㉘ Lack of ink alarm

㉙ Power switch

㉚ Air switch

MACHINE POSITION DESCRIPTION

SUNIKA

Quality

Automatic printhead cleaning

Print detection

Arrow keys can move the carriage left

Arrow keys can be used to feed paper

Access to the operation panel menu

Cancel the print item or change item

Pause during printing

Set the origin

Arrow keys can be used to return paper

Arrow keys can move the carriage right

Confirm the changes

Status: Idle
W:45.00   L:0

QUALITY   CANCEL
CLEAN   PAUSE
TEST   ORIGIN
MENU   ENTER

Preset printing platform heating temperature

Print platform suction gear

Current printing platform heating temperature

Print platform temperature preset mode

FRONT HEATER   MIDDLE HEATER   REAR HEATER
TEMP. SWITCH
VACUUM FORCE   HEATER SELECTION
TEMP. +
MODE 1   MODE 2   MODE 3   MODE 4   MODE 5   MODE 6
MODE OPTION   TEMP. −
INTELLIGENT TEMP. CONTROLLER

1.Install printer rack

2.Install printer
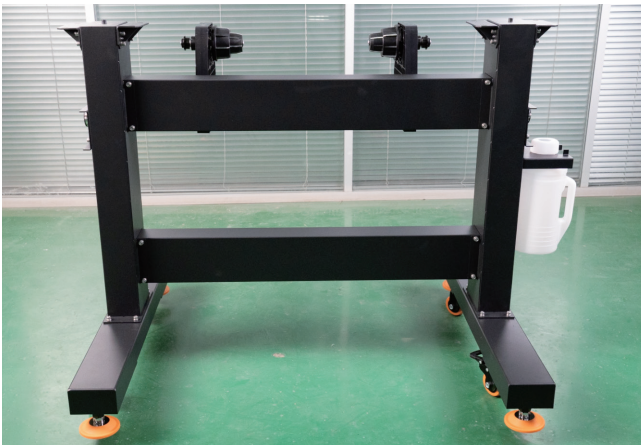
Note: the metal protruding from the printer needs to be aligned with the card slot at the bottom of the printer
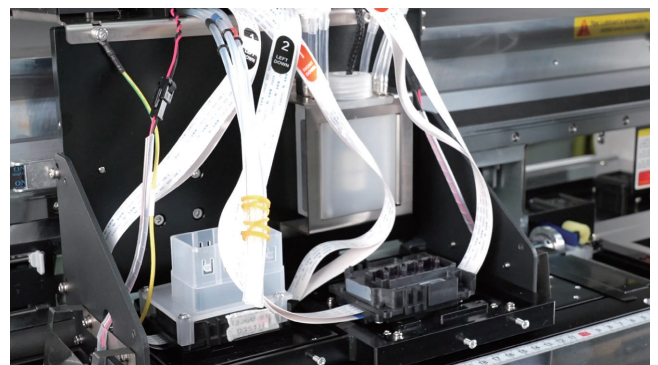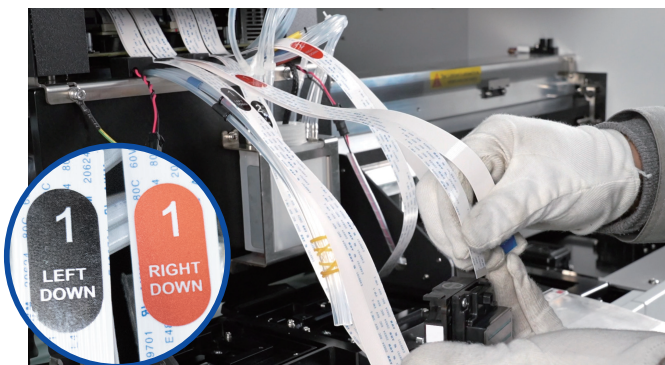

3.Remove the nozzle lock
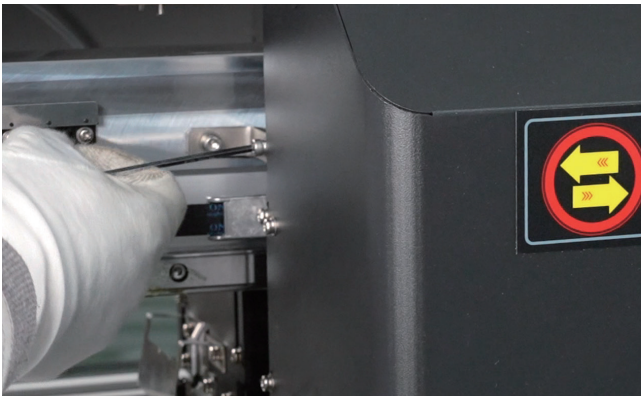
Note: there are fixing screws on both sides
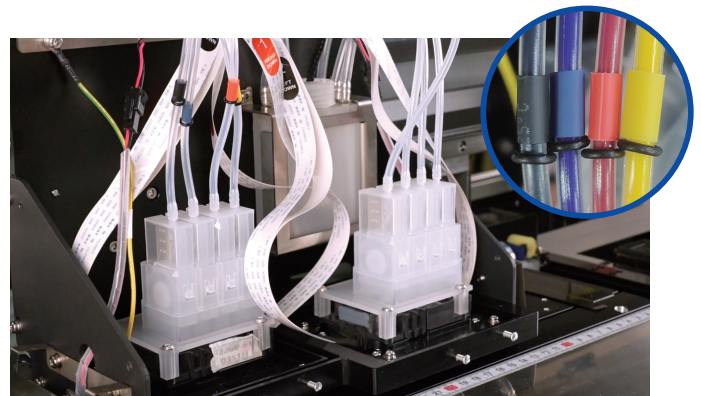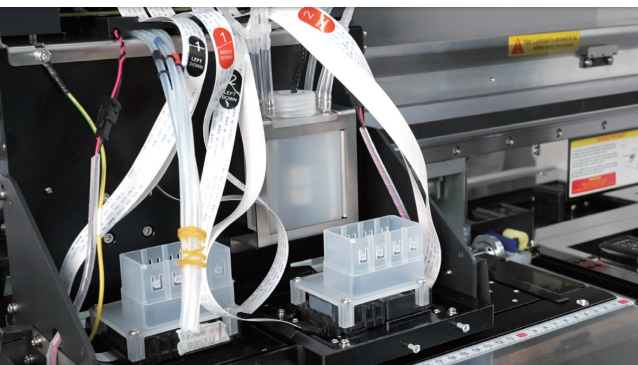
4.Remove print carriage cover

Note: there are fixing screws on both sides

5.Install the printhead

Note: data cable installation has the direction and position requirements, according to the data cable labeling installation

6.Install the ink

Note: the ink sac holder is installed first, and the ink tube is connected to the ink sac. The ink sac installation position is required. The color ink is on the left printhead, the installation sequence is k c m y, and the right side is white ink

7.Install rolling materials
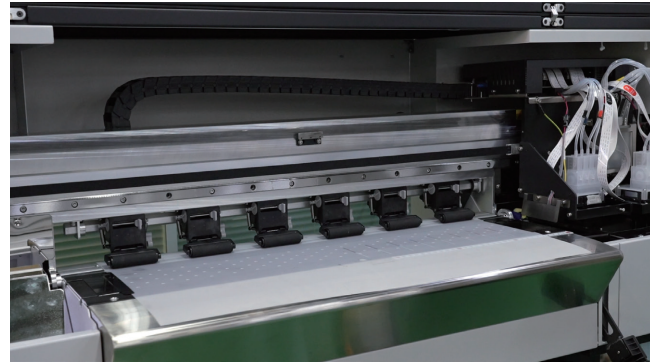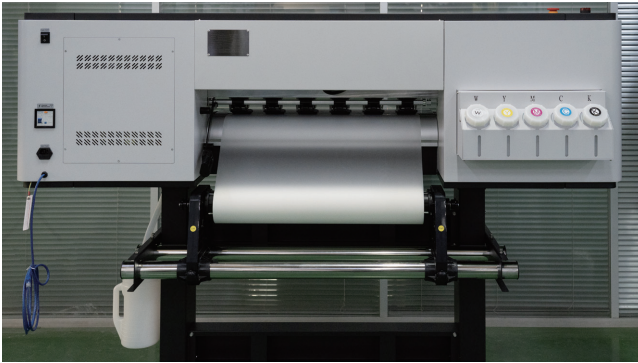
Note: loosen the screw on one side of the paper feeder and place the printing material in the center to fix. Lift the back roller handle, feed the material and press down. Lift the front roller handle, check whether the material is perpen-dicular to the horizontal direction and no wrinkles, and press down without problems

## 8.Connect the computer to install the software
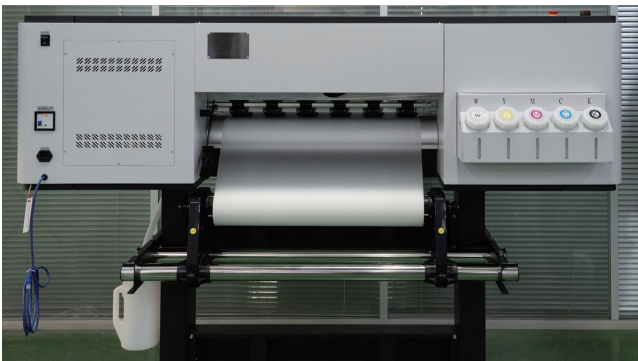
9.fill ink
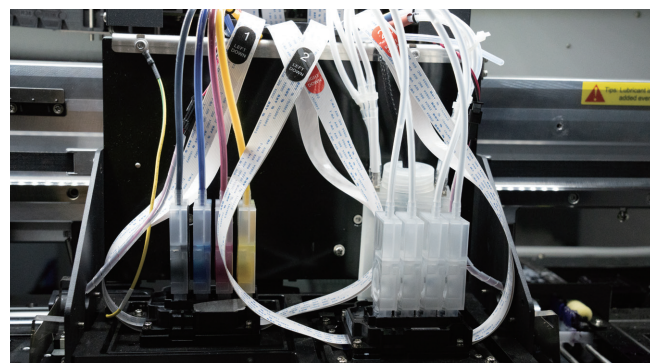
Note: after filling ink you need to charge ink through the software (filling ink tutorial in the print test), to ensure that the ink reaches the printhead and there is no air in the ink tube. When there is a lack of ink, the lack of ink alarm will be prompted. You need to fill ink after turning off the lack of ink alarm.
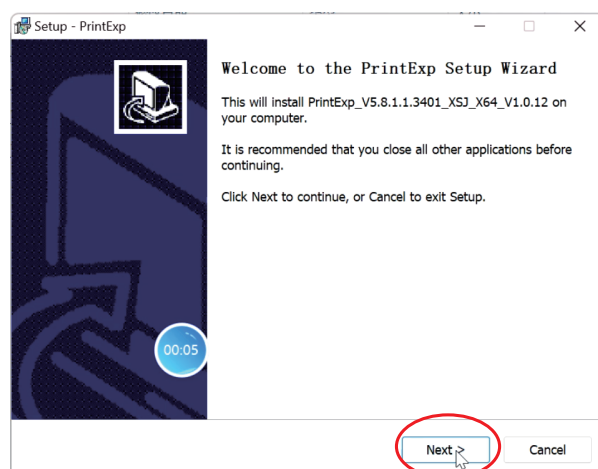
SOFTWARE TUTORIAL

SLNIKA

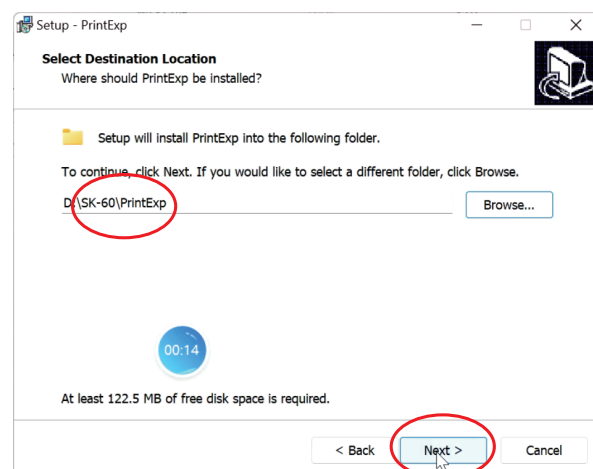## 1.Decompress the software and install it
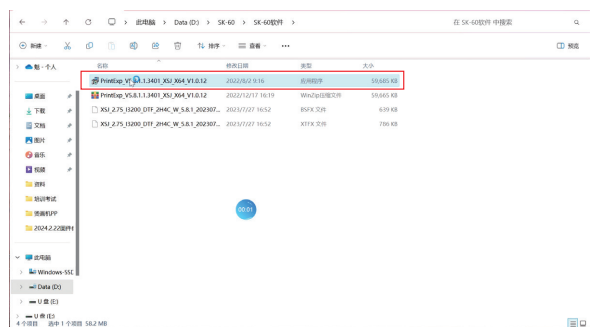
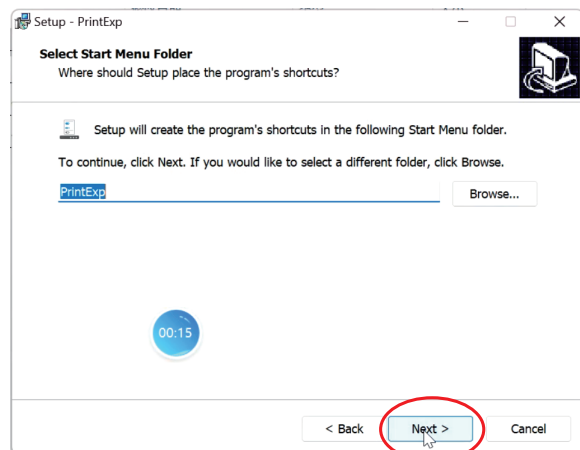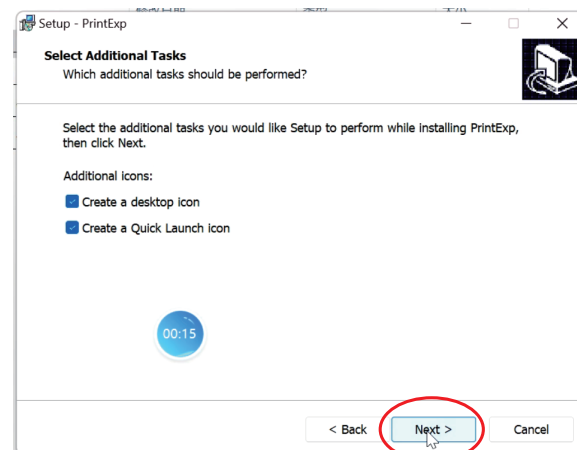## 2.Select the installation language
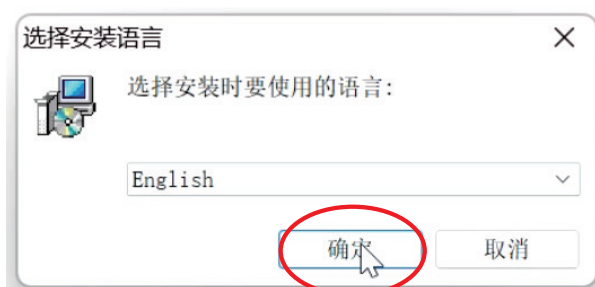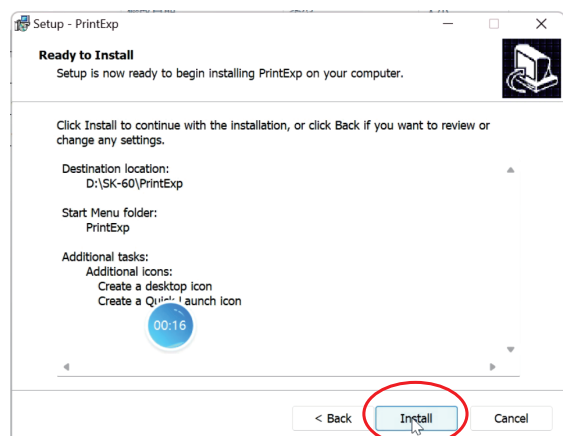

3.next

4.Select the installation location, next
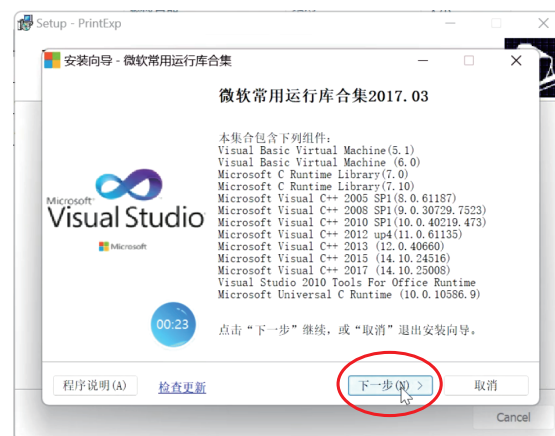

5.next

6.next
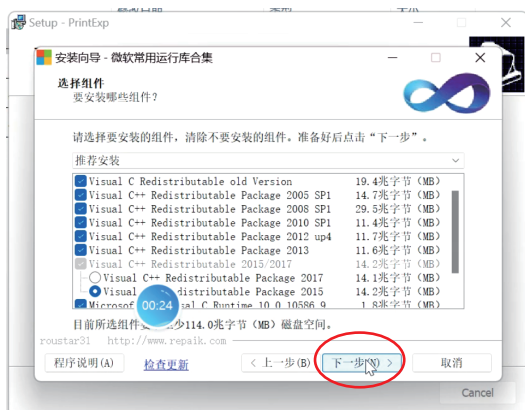

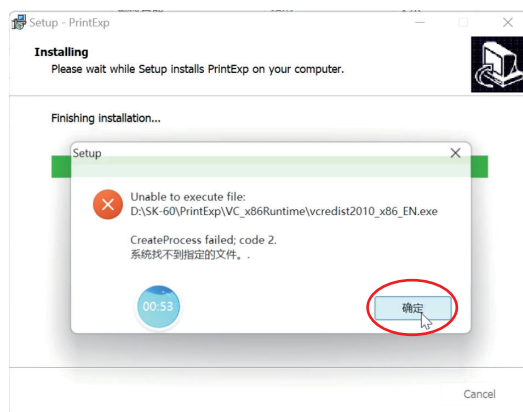## 7.next

8.next

SOFTWARE TUTORIAL

9.next

10.Select not automatic, next

11.Select 结束

12.Select ok, error does not affec
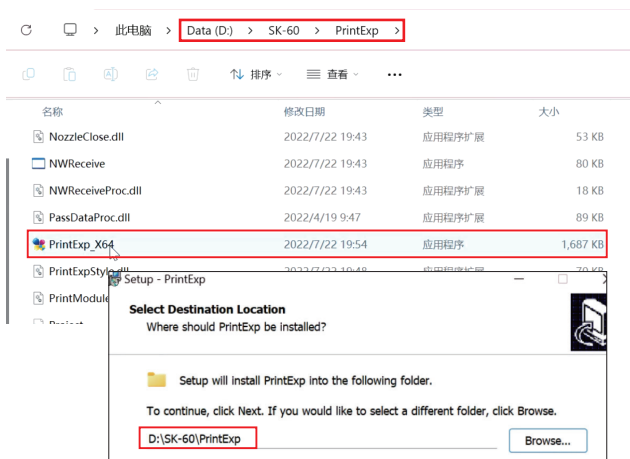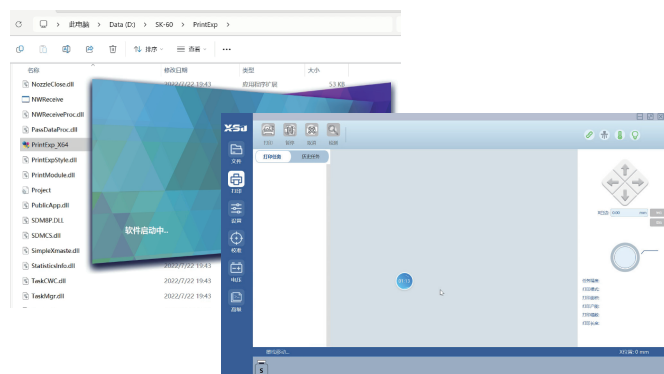

Unable to execute file:
D:\SK-60\PrintExp\VC_x86Runtime\vcredist2010_x86_EN.exe

CreateProcess failed; code 2.
系统找不到指定的文件。。

13.close

14.Selection finish

Completing the PrintExp Setup Wizard

Setup has finished installing PrintExp on your computer. The application may be launched by selecting the installed icons.

Click Finish to exit Setup.

Finish
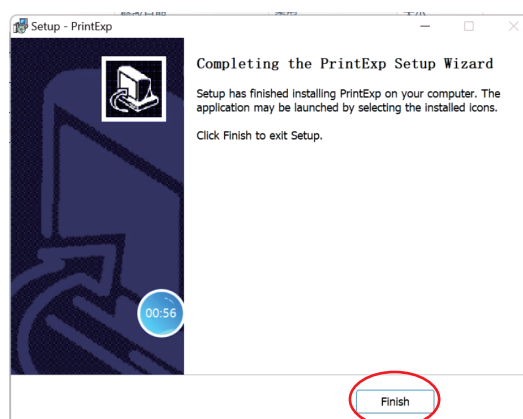
15.Find the installation location to open

此电脑 > Data (D:) > SK-60 > PrintExp

名称	修改日期	类型	大小
NozzleClose.dll	2022/7/22 19:43	应用程序扩展	53 KB
NWReceive	2022/7/22 19:43	应用程序	80 KB
NWReceiveProc.dll	2022/7/22 19:43	应用程序扩展	18 KB
PassDataProc.dll	2022/4/19 9:47	应用程序扩展	89 KB
PrintExp_X64	2022/7/22 19:54	应用程序	1,687 KB
PrintExpStyle.dll			
PrintModule			

Select Destination Location
Where should PrintExp be installed?

Setup will install PrintExp into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.
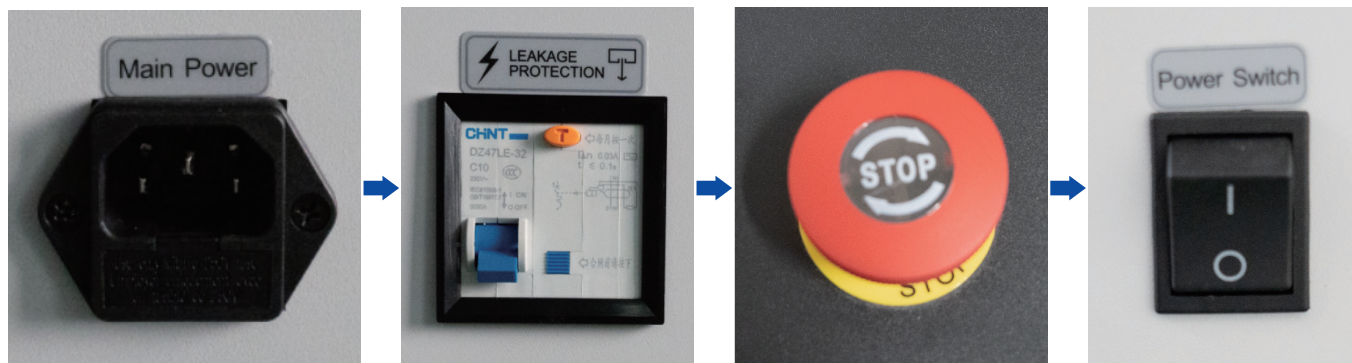
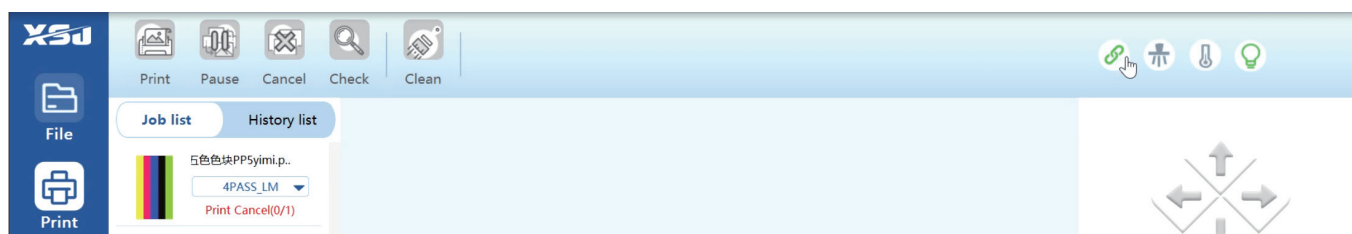D:\SK-60\PrintExp   Browse...

16.Open the software

PRINT TEST

Connect the power cable, turn on the air switch, turn on the emergency stop button, and turn on the power switch

Open the installation software and select connection. After the connection is complete, you can perform operations
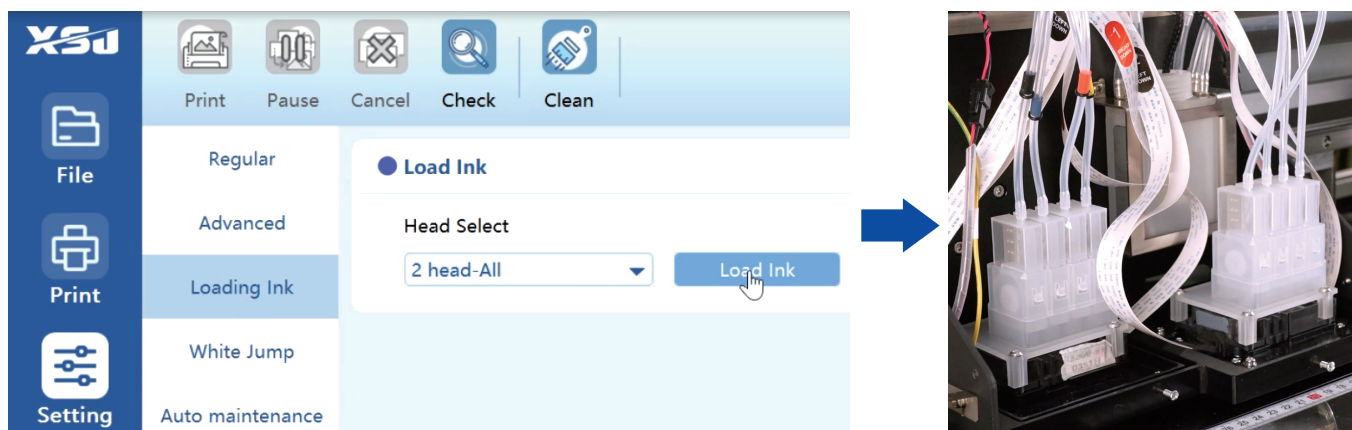

Voltage detection

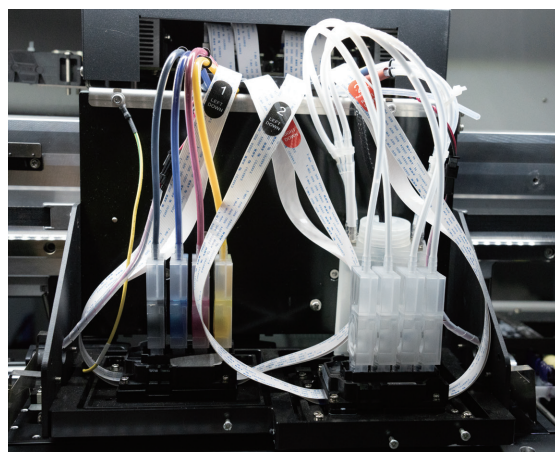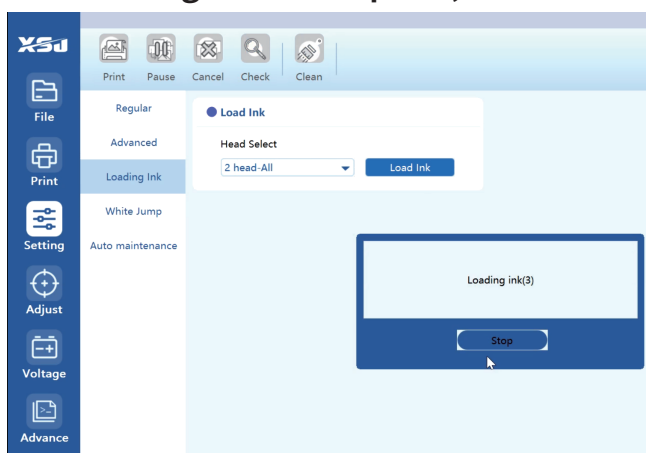If the temperature is displayed, there is no problem in connecting the nozzle

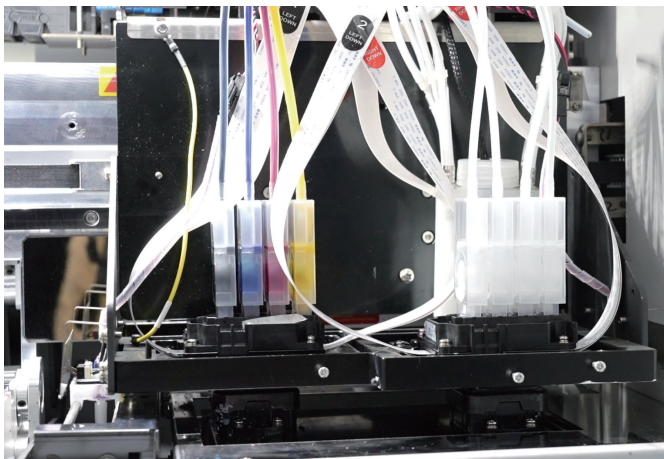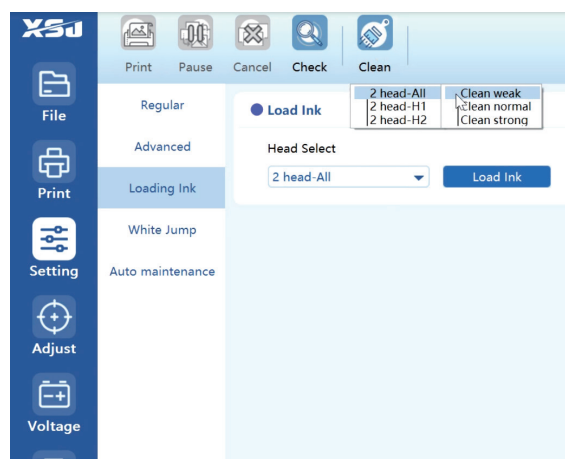**Select the filling ink and observe whether the ink reaches the ink sac**
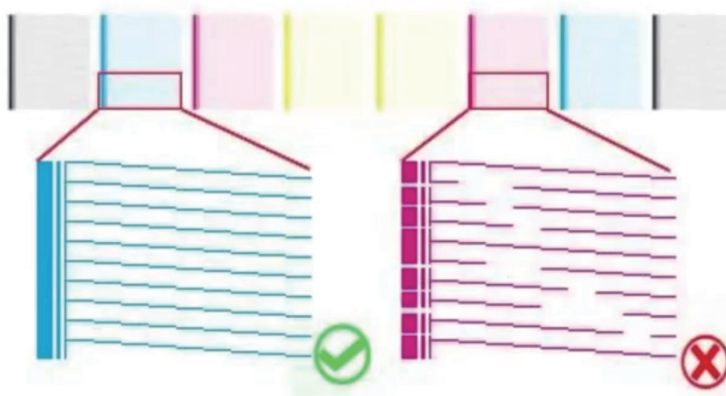
PRINT TEST

When filling ink is complete, choose to stop inking
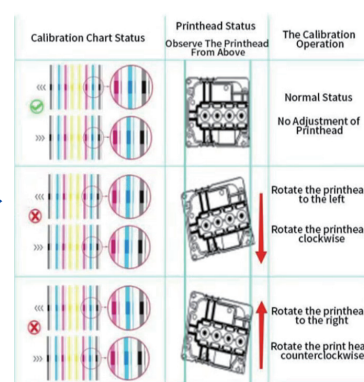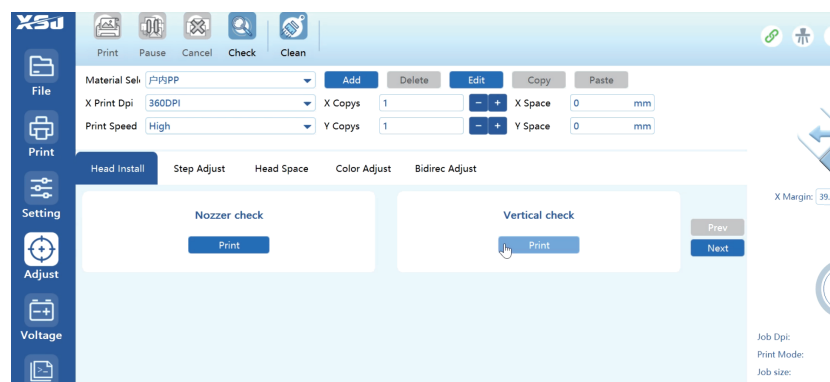

Clean printhead

Nozzle check

Comparing the diagram, the wrong result is that the state has broken needles, oblique needles and color block drawing.please clean the head according to the head markings.
The correct result is that the state is all good and the block is even.
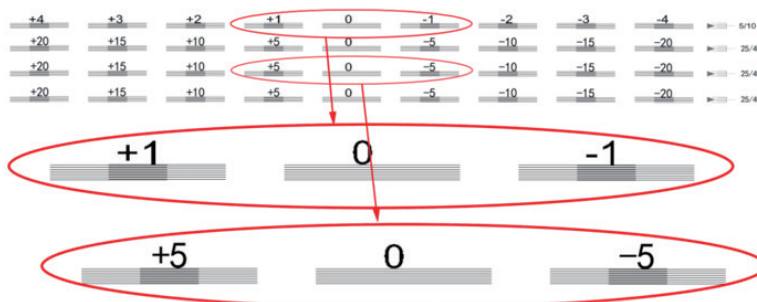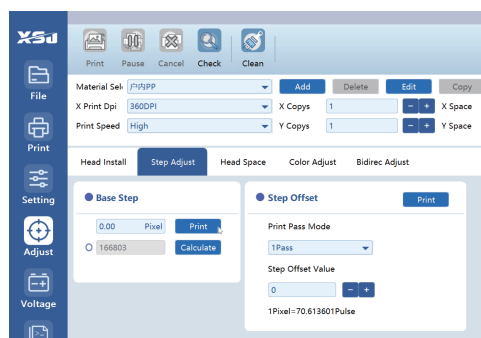
PRINT TEST

Vertical calibration

Please refer above guidance to adjust head mechanical position via screwdriver and make sure There is no slant on head Position until achieve perfect Status as bar in row 1.
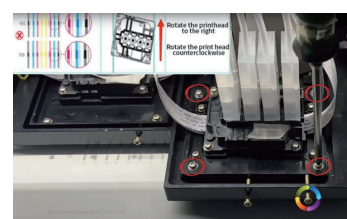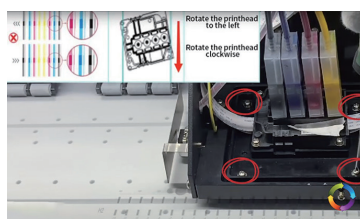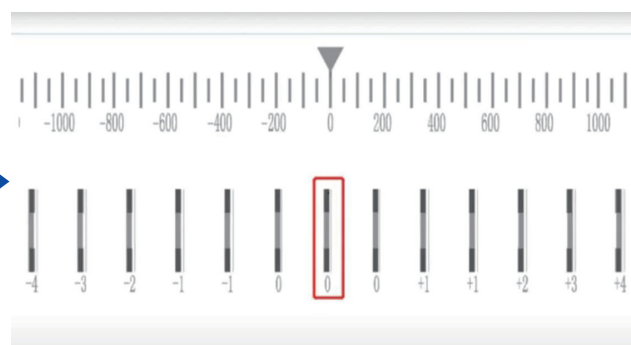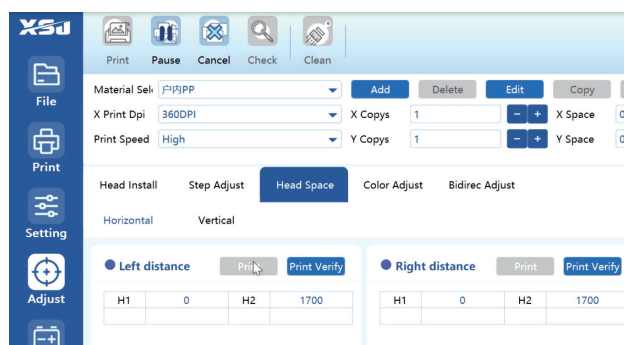
Step calibration

Select a bar which is well overlapped on two horizontal lines and input the corresponding digit into the blank to offset the deviation on step movement.

Leftward calibration

Horizontal: click "print" from left distance & right distance to get a test bar as below, the bar l is the perfect status,if the thin horizontal lines are not well overlapped, please type into the proper digit into the print verify' blank.
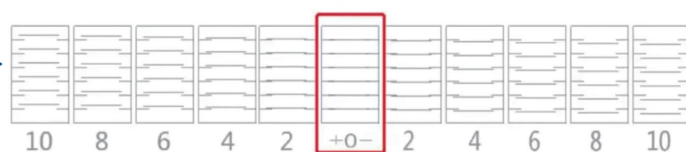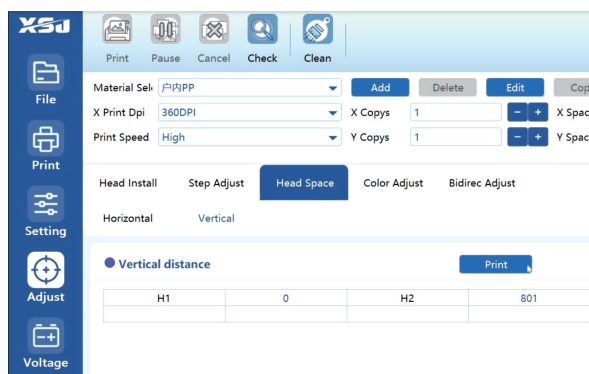
PRINT TEST

Right calibration
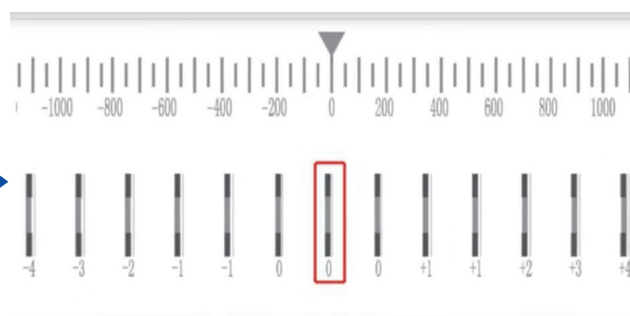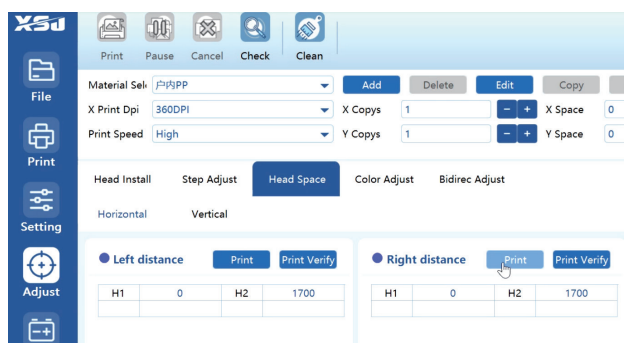
Horizontal: click "print" from left distance & right distance to get a test bar as below, the bar i is the perfect status,if the thin horizontal lines are not well overlapped, please typeinto the proper digit into the print verify blank.

Vertical distance calibration

Vertical: click 'print' to get the test bar and select the correct digit and increase or decrease the distance value below.

Bidirectional calibration
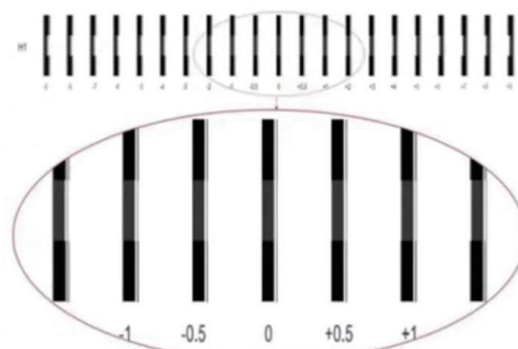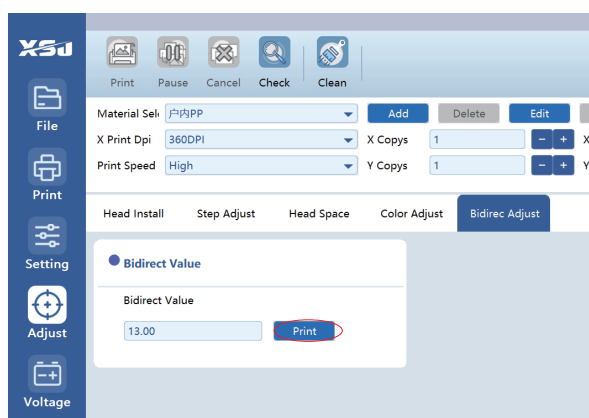
Please notice the thin vertical lines are the reference. Please find the well overlapped lines and type the corresponding digit into birdir. Value. Please refer to the chart, right part is the perfect status.

PRINTER MAINTENANCE

Keep the platform clean to prevent the contaminants from damaging the print head or affecting the printing.


Keep the raster strip clean to prevent ghosting. Wipe the grating strip with non-woven cloth stained with alcohol or 50℃ warm water

PRINTER MAINTENANCE
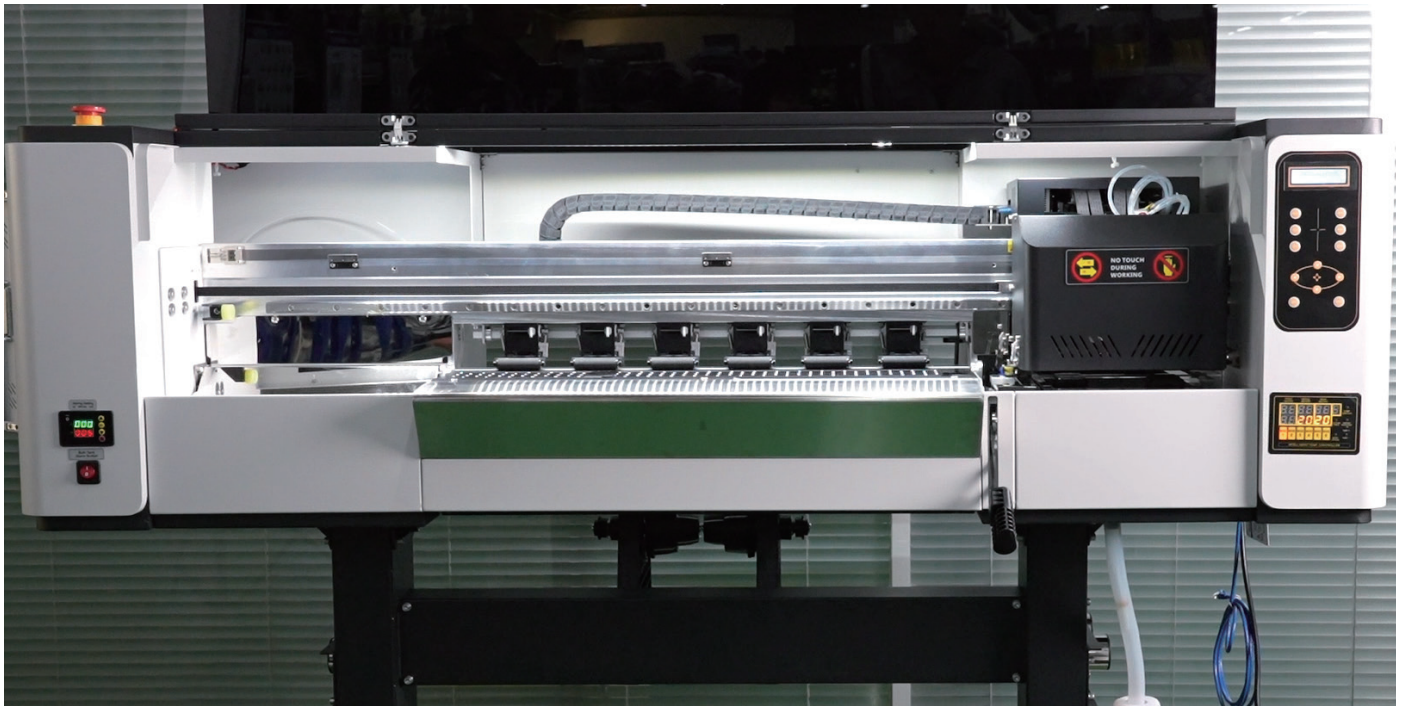
After each use, the print carriage must be reset and moisturized to prevent nozzle from clogging the printheads
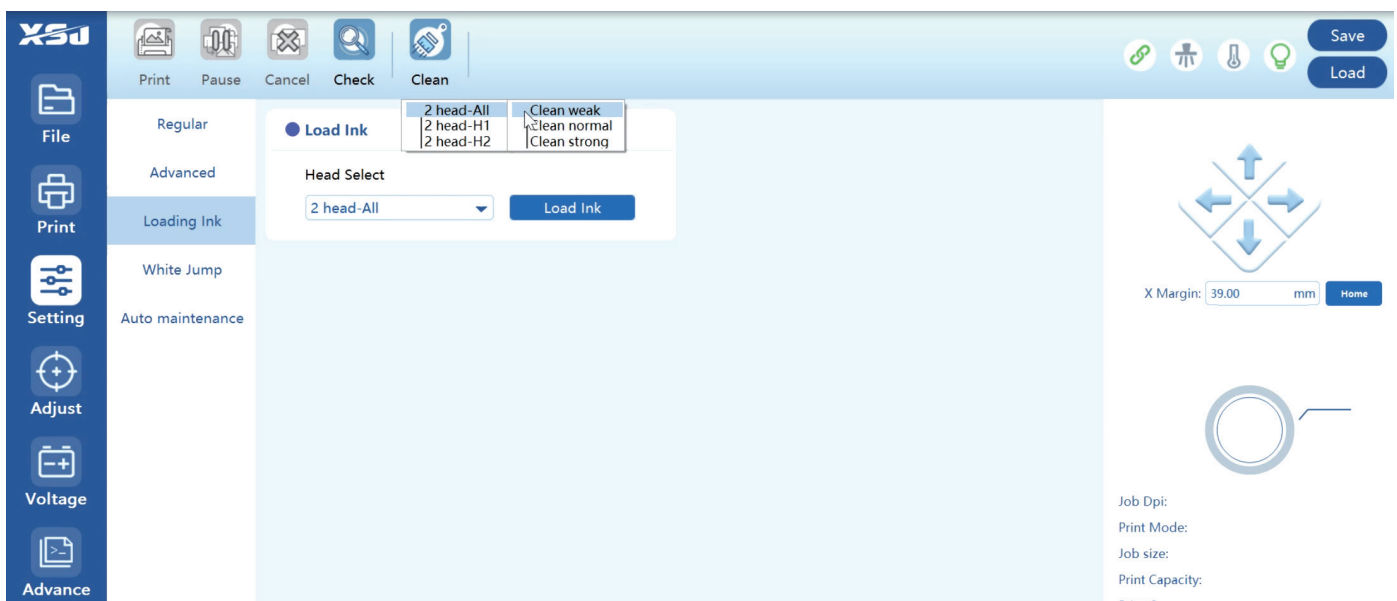
Click the cleaning function on the software to clean the print head before printing.

PRINTER MAINTENANCE
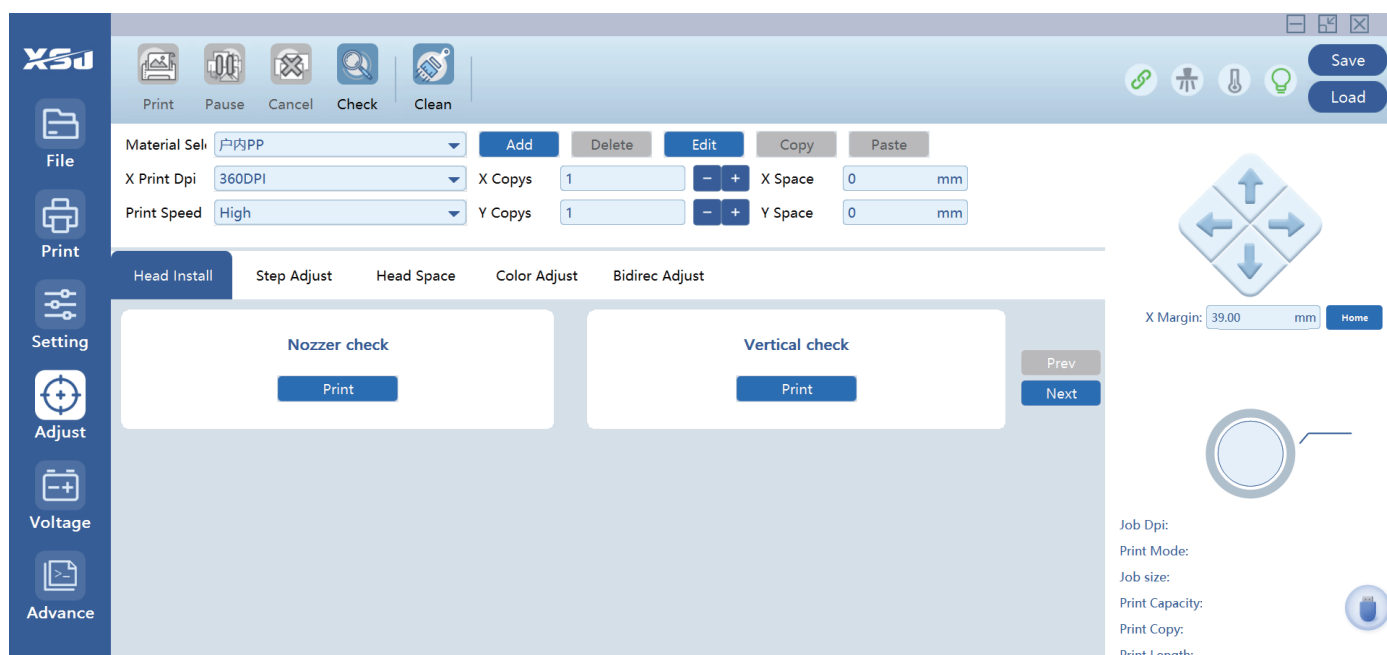
Print a test strip after cleaning the print head and check the print status of the print head.

Note: if the test strip is not complete, it will need to be cleaned again. If there is no improvement after multiple cleanings, you will need to contact the manufacturer's technician to assist in the inspection

Clean the ink core and the waste film with a cleaning rod moistened with alcohol or 50℃ warm water.

PRINTER MAINTENANCE
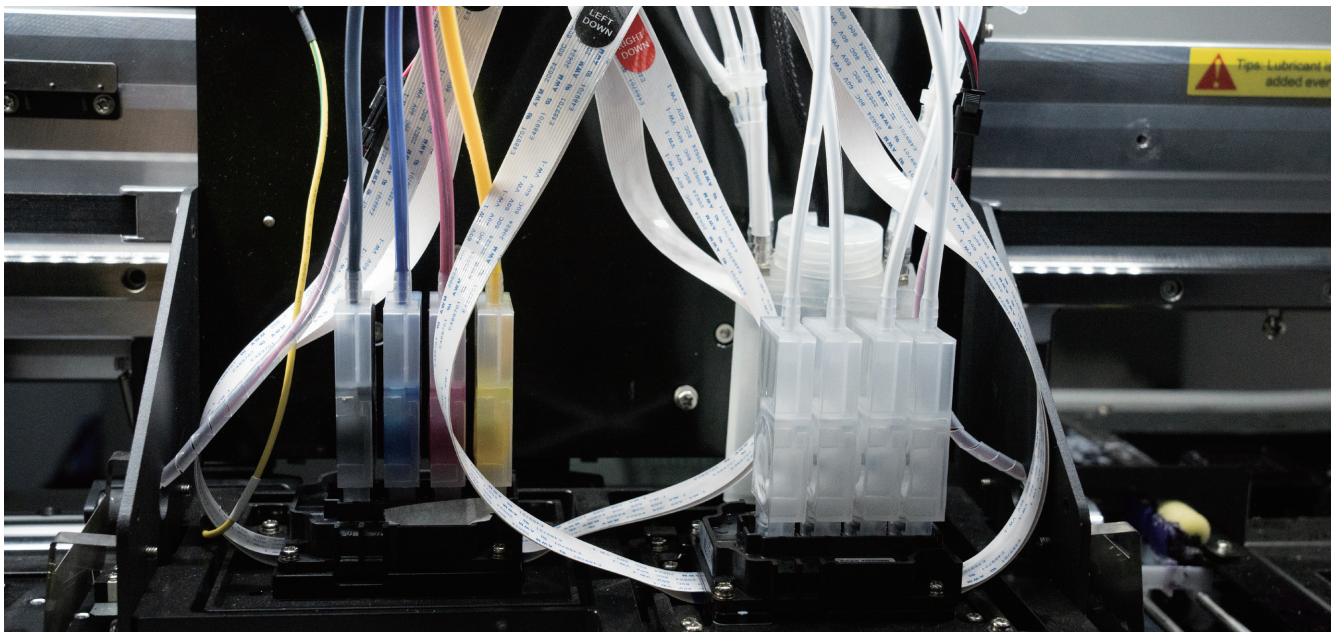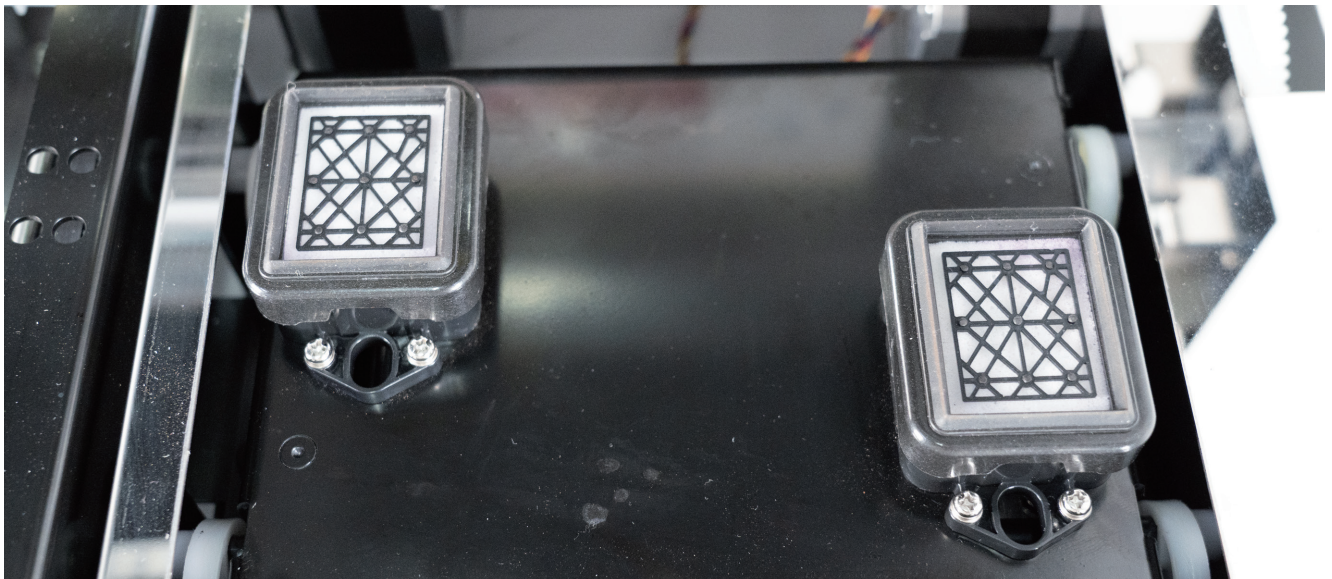
When not used for a long time, you need to open the software to fill ink to clean the print test strip every two to three days. Ensure that the whole path is full of ink, to prevent clogging the printheads