

P13 DTF Printer User Manual



Software Download
<https://bit.ly/3H5aYCv>



Setup Tutorial Video
<https://bit.ly/4jjWT1s>

Updated Nov. 11th 2025 V1.4

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1. Unboxing P13 DTF Printer



Step 1. Remove the fixing cable tie.



Step 2. Open the fixing lock.



Step 3. Open the cover.



Step 4. Take out the filling sponge.



Step 5. This is the accessories package.



Step 6. Open the sealed bag.



Step 7. Check if the exterior of the machine is intact.



Step 8. Open the accessories package and check the accessories.



Step 9. Take out the DTF film.



Step 10. Peel off the protective film.



Step 11. Open the top cover.



Step 12. Peel off the protective film.



Step 13. Remove the yellow buckle that secures the ink cart.



Step 14. Loosen the two front screws of the machine.



Step 15. Position the tray, and securely tighten the screws.



Step 16. Insert the powder cord and data cable.



Step 17. Start installing the film paper.



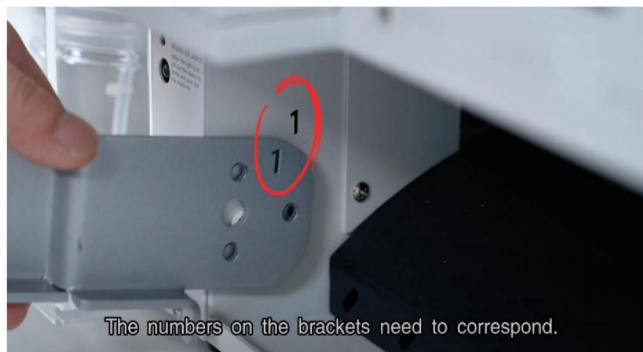
Step 18. Unscrew the screws.



Step 19. The screws on the right side should also be taken off.



Step 20. DTF film holder.



Step 21. The numbers on the brackets need to correspond.



Step 22. Install the screws to fix the bracket.



Step 23. The installation position of the right bracket must also be correct.



Step 24. The bracket installation is complete.



Step 25. Open the film paper package.



First, install the plug at one end of the film paper rod.

Step 26. First, install the plug at one end of the film paper rod.



Pass through the middle of the film paper.

Step 27. Pass through the middle of the film paper.



Install the plug to fix it.

Step 28. Install the plug to fix it.



Tighten the screws to secure the film paper.

Step 29. Tighten the screws to secure the film paper.



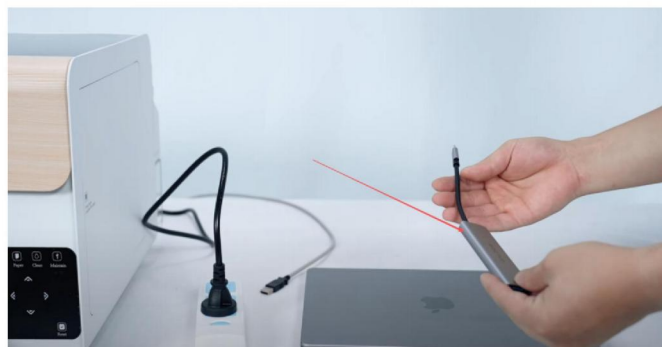
The film paper is ready.

Step 30. The film paper is ready.



Insert the printer power cord.

Step 31. Insert the printer power cord.



Step 32. Insert the adapter.



Connect the printer data cable to the computer.
Step 33. Connect the printer data cable to the computer.



Step 34. Turn on the printer.



Step 35. Put the film paper on the bracket.



Make sure the direction of the arrow is correct.
Step 36. Make sure the direction of the arrow is correct.



Step 37. Push the film paper inward.

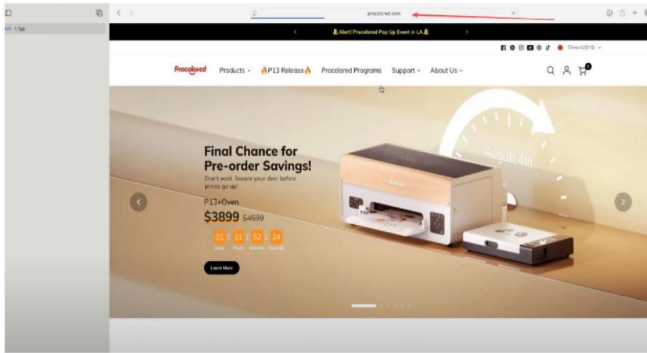


While pushing the film paper from the back, press the paper feeding button on the front, and the film paper will move out.
Step 38. While pushing the film paper from the back, press the paper feeding button on the front, and the film paper will move out.

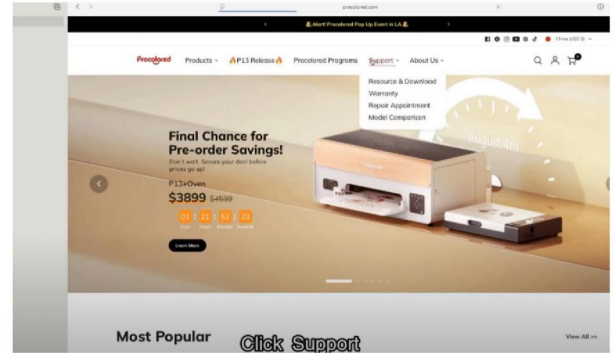


Step 39. Installation is complete.

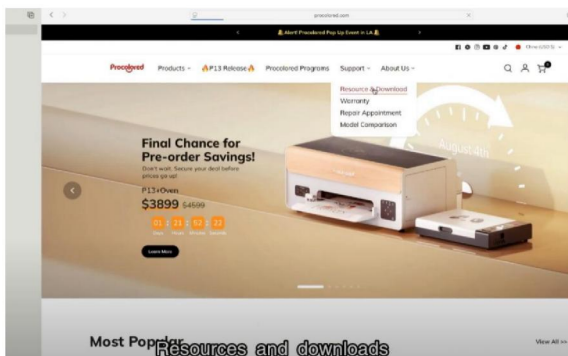
2.Install Printer Driver



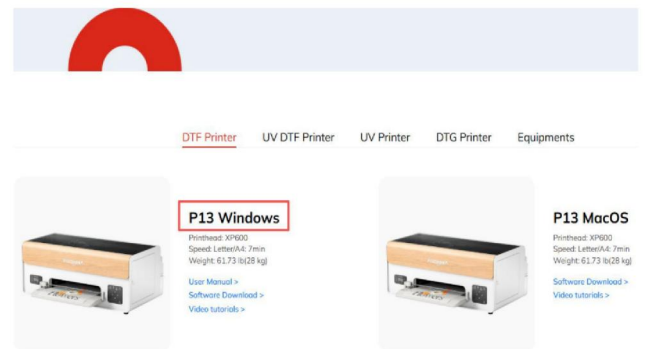
Step 1. Enter the official website by inputting www.procolored.com



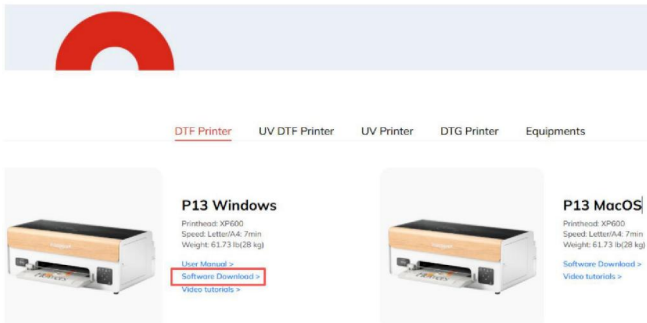
Step 2. Click Support.



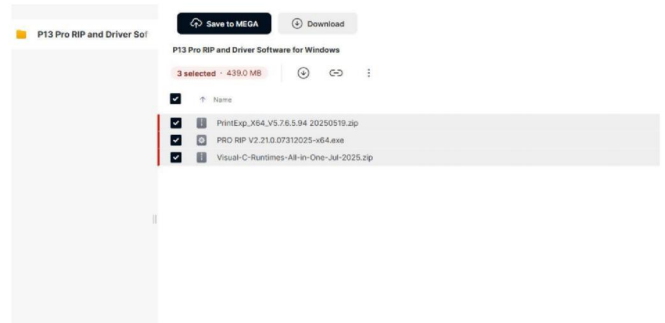
Step 3. Resources and downloads.



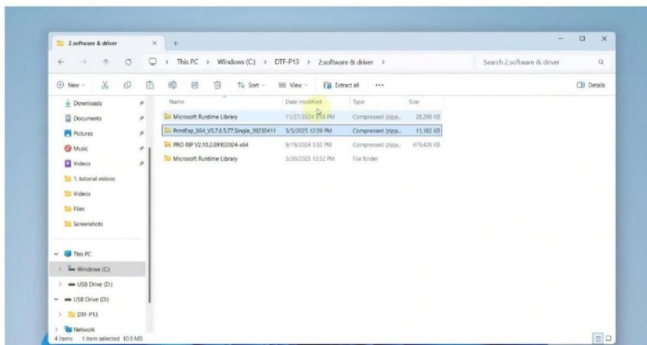
Step 4. Find P13 Windows Version.



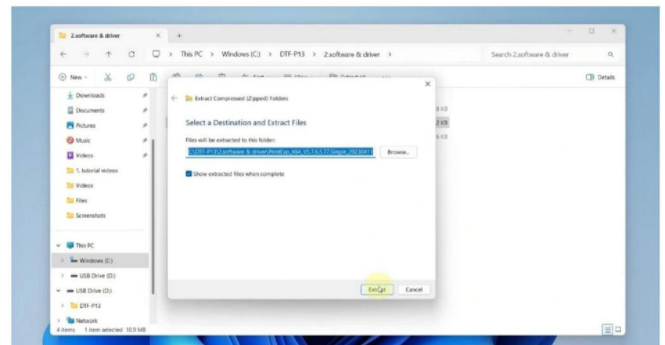
Step 5. Download the software and driver.



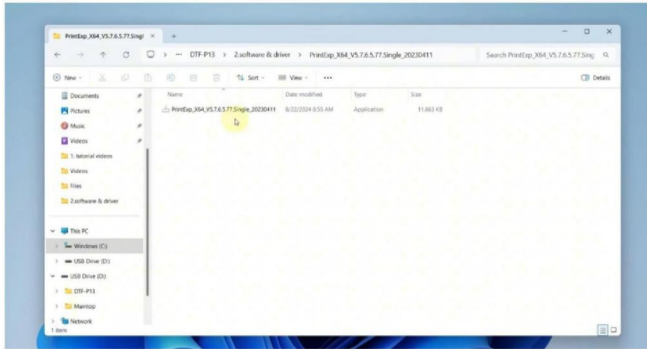
Step 6. Check all the content and then click Download.



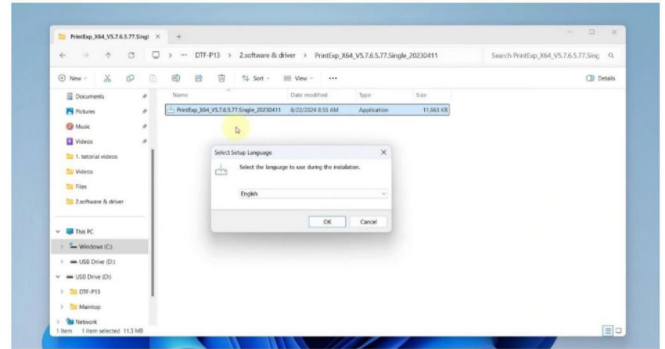
Step 7. Open the folder after the download is complete.



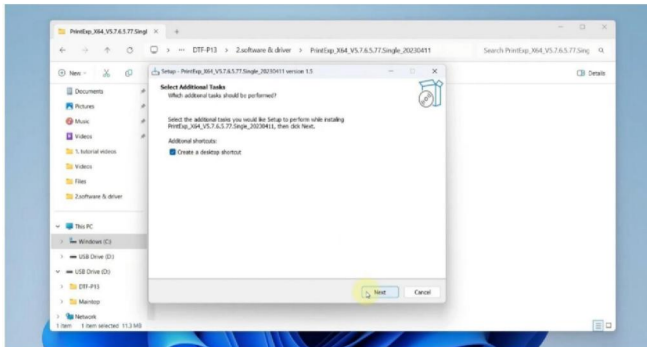
Step 8. Extract the driver file.



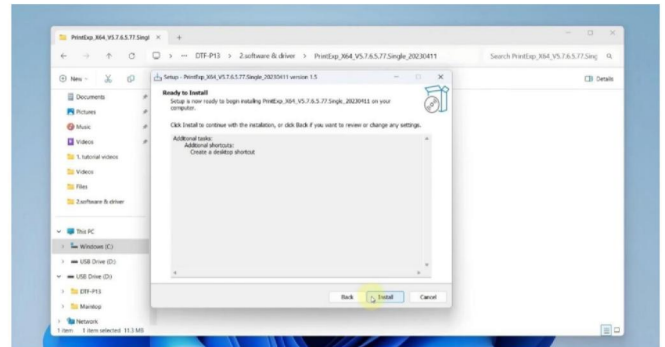
Step 9. Open the driver installation package.



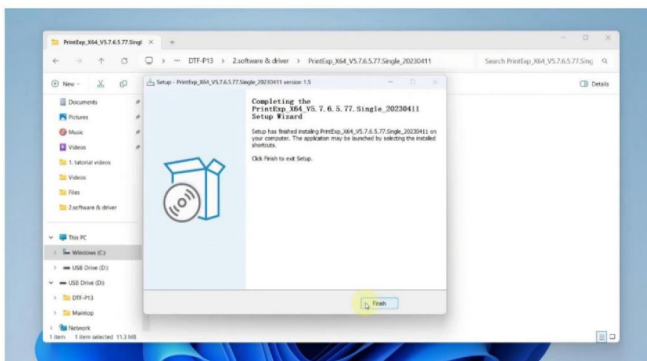
Step 10. Click OK.



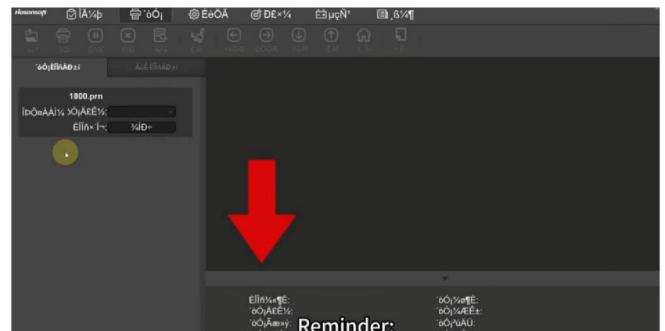
Step 11. Click Next.



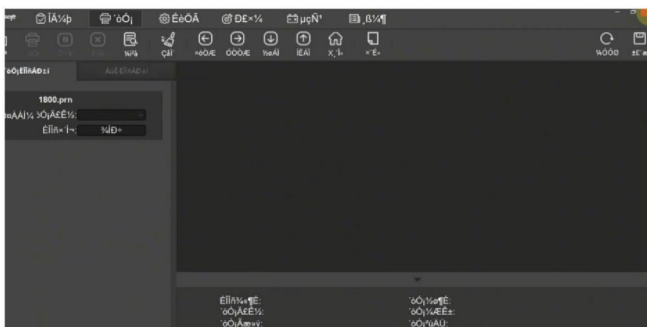
Step 12. Click Install.



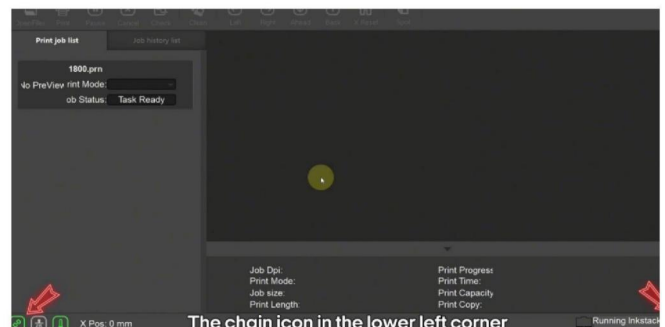
Step 13. Click Finish.



Step 14. Reminder: If the first time you open the software, there will be garbled text.

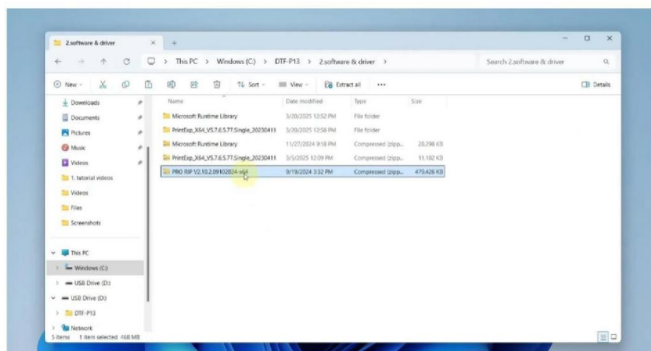


Step 15. Please close the software and restart it once to solve the problem.

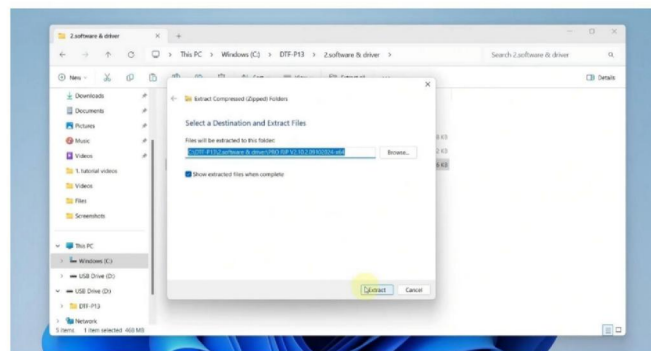


Step 16. The chain icon in the lower left corner turns green to indicate a successful connection.

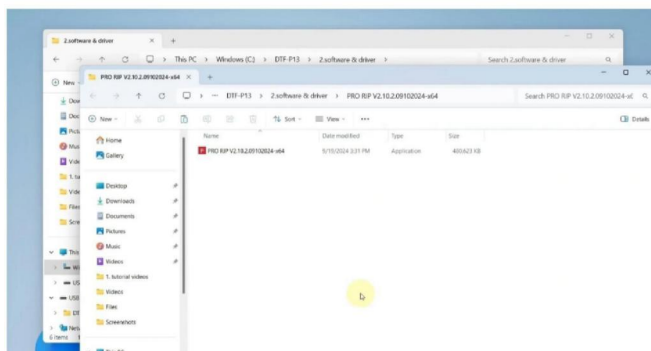
3.Install RIP software



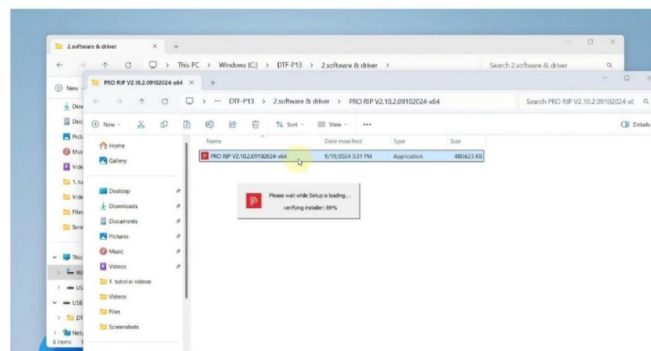
Step 1. Open the downloaded file.



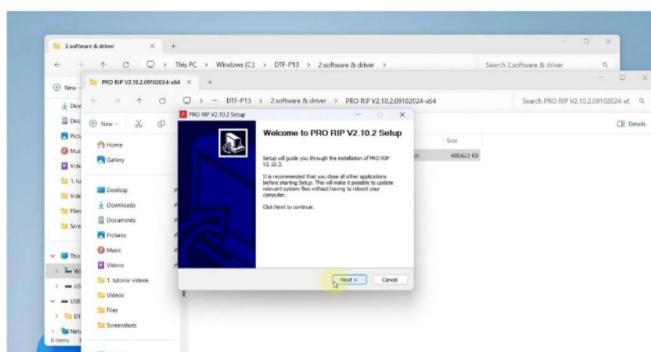
Step 2. Extract the RIP software package.



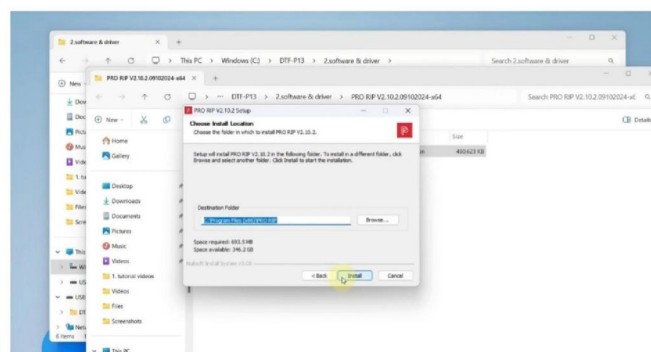
Step 3. Open the folder.



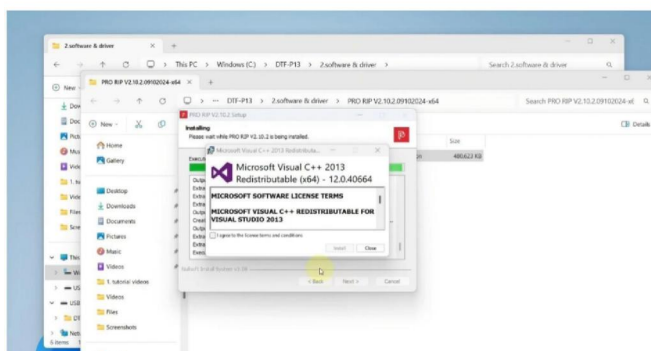
Step 4. Double click.



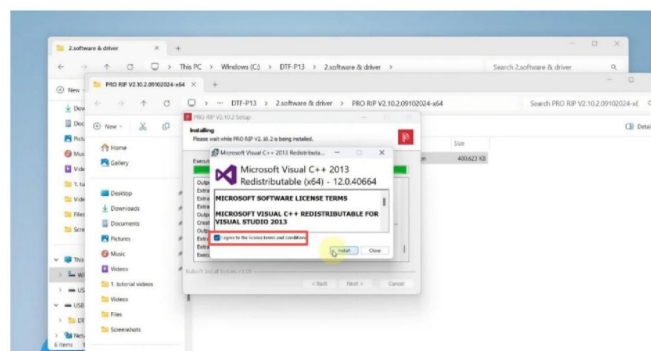
Step 5. Click next.



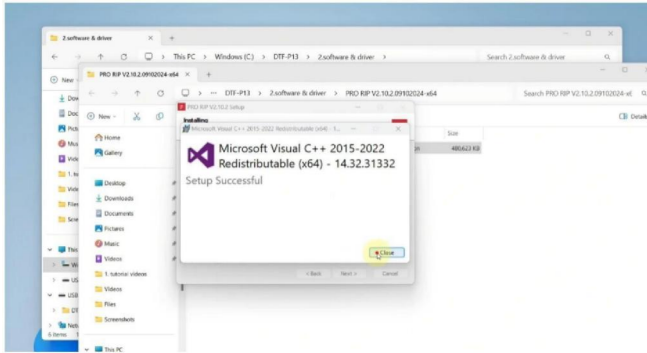
Step 6. Click install.



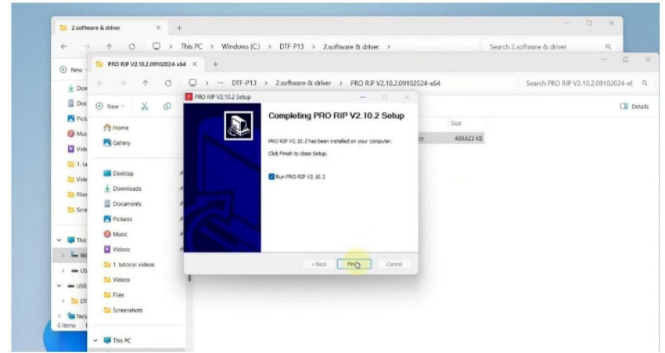
Step 7. Install Microsoft software license.



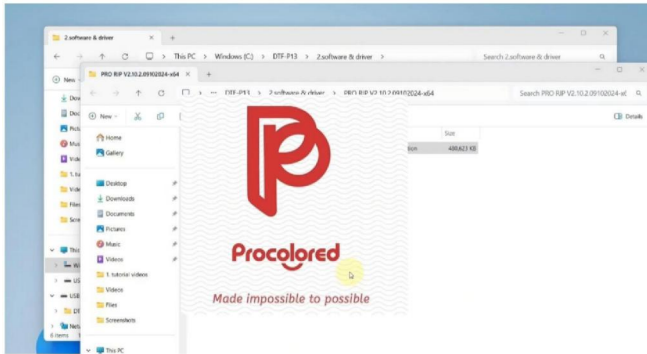
Step 8. Click Agree and install.



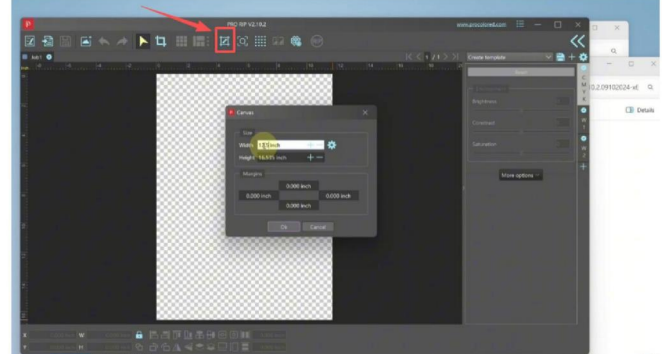
Step 9. Click close.



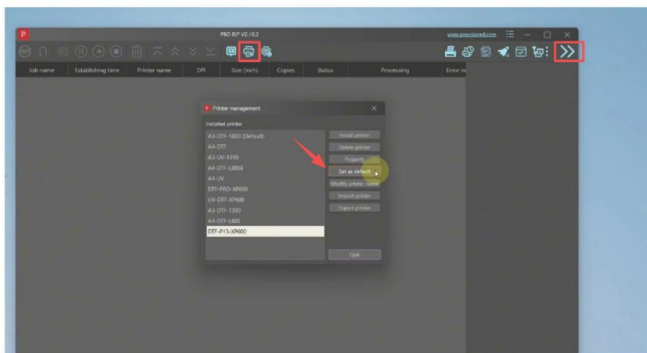
Step 10. Click finish.



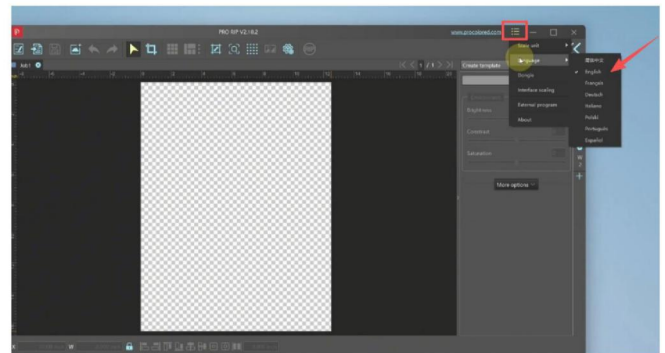
Step 11. Open the software.



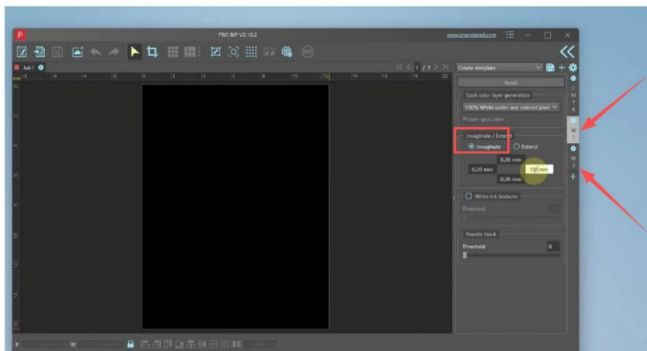
Step 12. Set the canvas size.



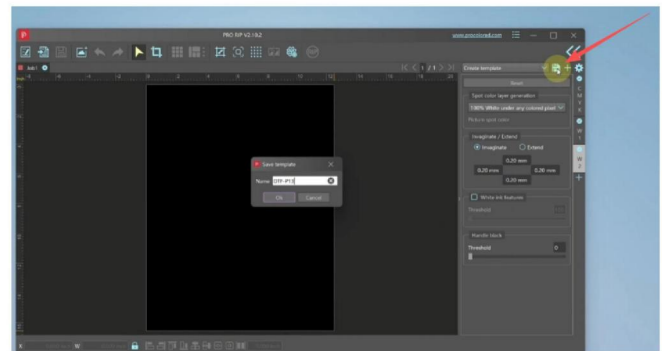
Step 13. Choose the P13 and set it as the default.



Step 14. Click the scale and set the language.



Step 15. Set white ink invagination value to 0.2mm.(W1 and W2 are both the same)



Step 16. Save your settings as a template.

4.Introducing the Control Panel



Step 1. Paper feeding button: Press and hold it, and the film paper will move forward.



Step 2. Press and hold this button to make the film paper retreat.



Step 3. Left button: Press and hold it, and the ink carriage will move to the left.



Step 4. Right button: Press and hold it, and the ink carriage will move to the right.



Step 5. Power indicator button: A steady light indicates that the printer has finished starting up.



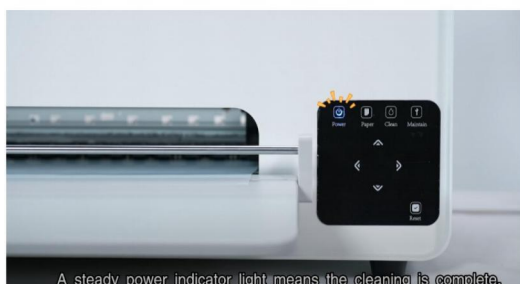
Step 6. The three buttons on the right have the same function.



Step 7. When the printer is in standby mode, press and hold the clean button for five seconds to start the head cleaning. During the printing process, press and hold for five seconds to delete the print task.

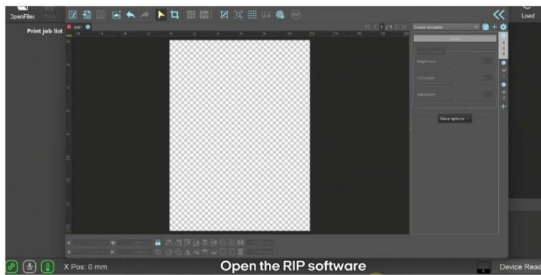


Step 8. In standby mode, press and hold for 5 seconds, and the indicator light will start flashing while the cleaning process begins. The cleaning process usually takes about 2 minutes.

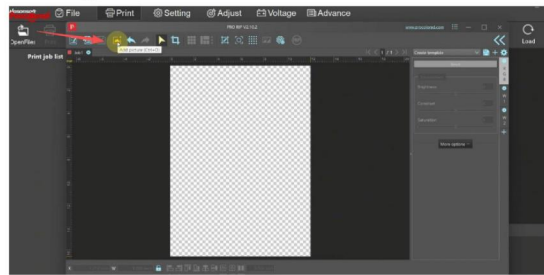


Step 9. A steady powder indicator light means the cleaning is complete.

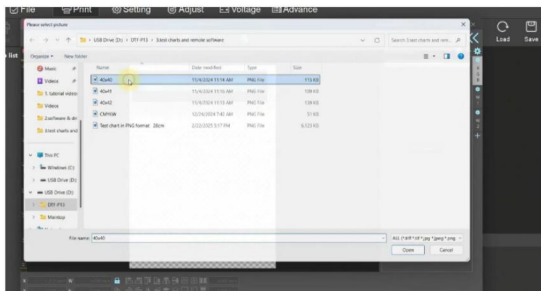
5. Ink-free Printing Test



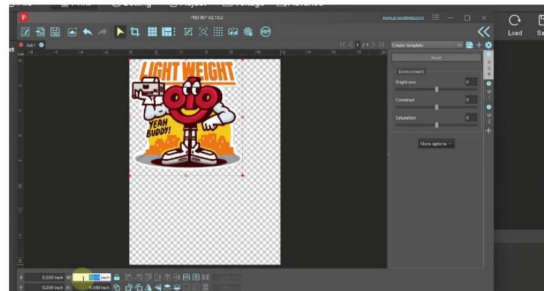
Step 1. Open the PRO RIP software.



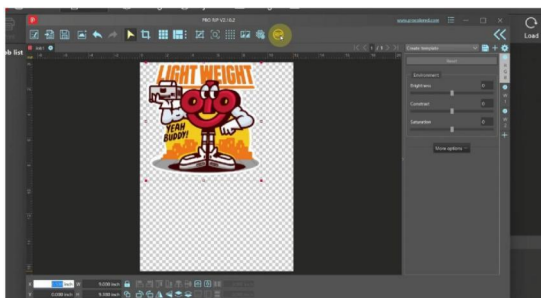
Step 2. Insert picture.



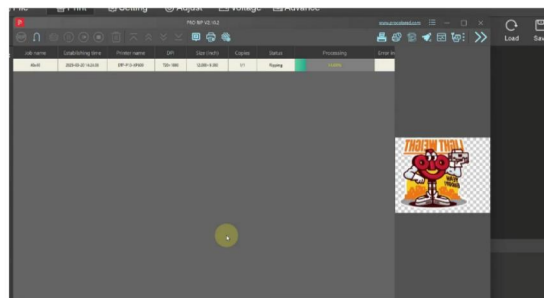
Step 3. Add a PNG-format image.



Step 4. Adjust image position.



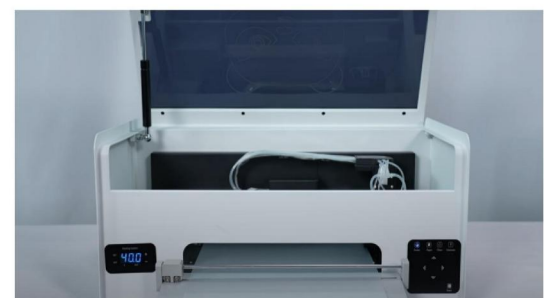
Step 5. Click RIP to send to the print task.



Step 6. After the image processing is completed, the printer starts printing.



Step 7. Ink cart moves to start printing.



Step 8. Due to the absence of ink, the print result is blank, with the purpose of testing whether the printing can be completed.



Step 9. After printing is completed, the ink cart stops moving, and the power indicator light stays on and does not flash anymore.

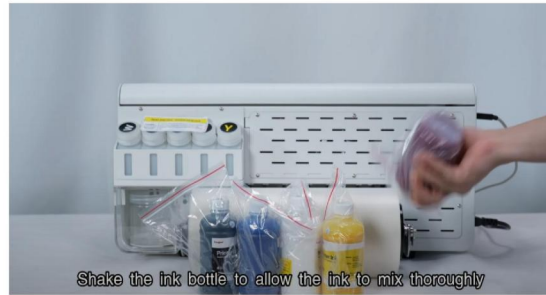


Step 10. If printing cannot be completed, please contact the after-sales engineer and do not add ink.

6. Guide Ink



Step 1. Take out five bottles of CMYKW ink.



Shake the ink bottle to allow the ink to mix thoroughly.
Step 2. Shake the ink bottle to allow the ink to mix thoroughly.



Step 3. Ensure that a no ink printing test has been conducted before adding ink



Step 4. Add the corresponding ink based on the letters on the ink bottle.



Step 5. Open the bottle.



Step 6. Open the ink tank and pour in ink.



Step 7. Adding 80% to the ink bottle is enough.



Step 8. Tighten the bottle caps after all the ink tanks are filled with ink.



Step 9. Regularly check the ink and add it promptly after use to prevent clogging of the print head.



Step 10. Turn on the printer power.



Step 11. Long press the left arrow button to move the ink cart to the middle position.



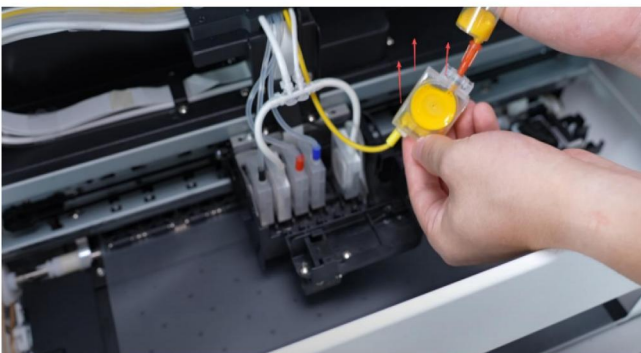
Step 12. Power off.



Step 13. Remove the ink sac and use a syringe to extract it.



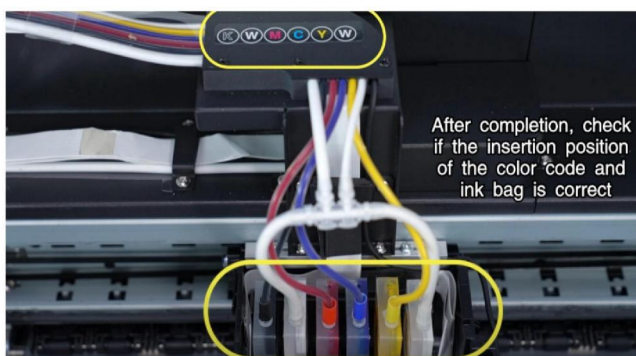
Step 14. Extract approximately 3ml of ink from each of the ink sacs.



Step 15. When extracting, the ink sac mouth should face upwards.



Step 16. Replace the needle with a new one when extracting different inks.



Step 17. After completion, insert it back into its original position. Check if the insertion position of the color code and ink bag is correct.



Step 18. Turn on the power.



Step 19. Go to the back of the printer, take out the waste ink bottle, and cut off the zip tie.



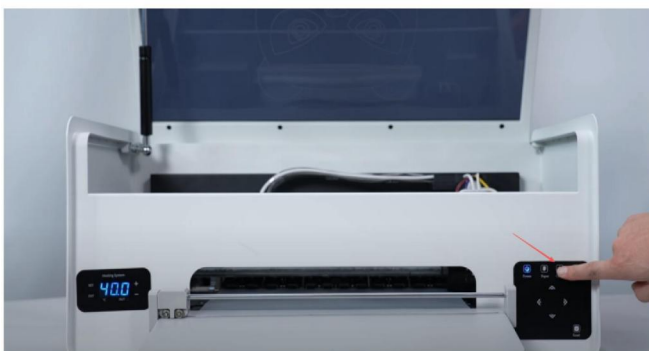
Step 20. Use a syringe to extract the waste ink tube, pull slowly during extraction, and do not apply too much force.



Step 21. Extracting 8ml of waste ink is sufficient.



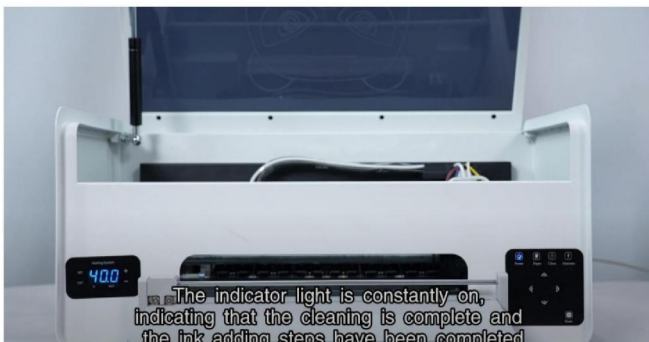
Step 22. Cover the lid and put it back in place.



Step 23. Press and hold for 5 seconds in standby mode to activate automatic cleaning.

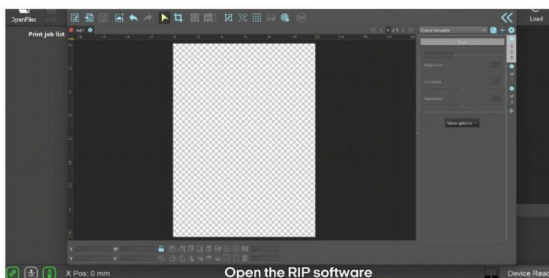


Step 24. The indicator light starts flashing, indicating the start of automatic cleaning.

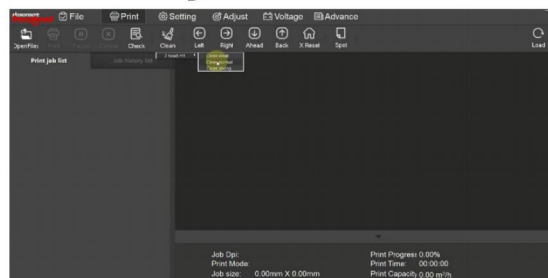


Step 25. The indicator light is constantly on, indicating that the cleaning is complete and the ink adding steps have been completed.

7. Print Nozzle Check Page



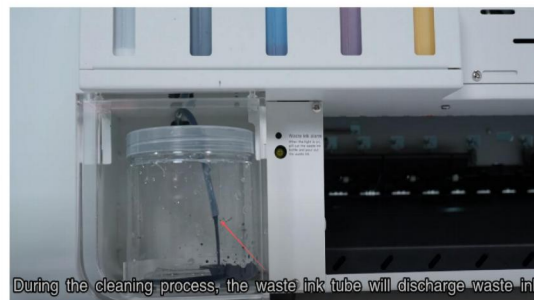
Step 1. Open the PRO RIP software.



Step 2. Click the Clean button to clean the printhead.



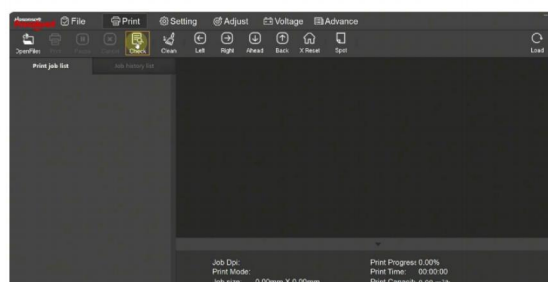
Step 3. The ink cart starts moving and runs automatic cleaning.



Step 4. During the cleaning process, the waste ink tube will discharge waste ink.



Step 5. The indicator light is constantly on, indicating that the printer cleaning is complete.



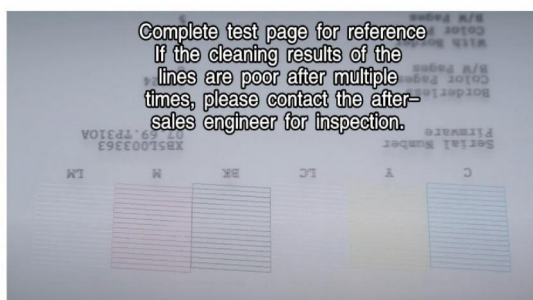
Step 6. Click Check to print a test page.



Step 7. The printer starts printing the test page.

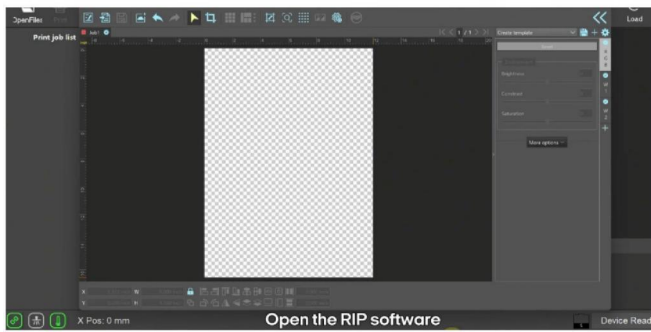


Step 8. Printing completed, observe the printing result.

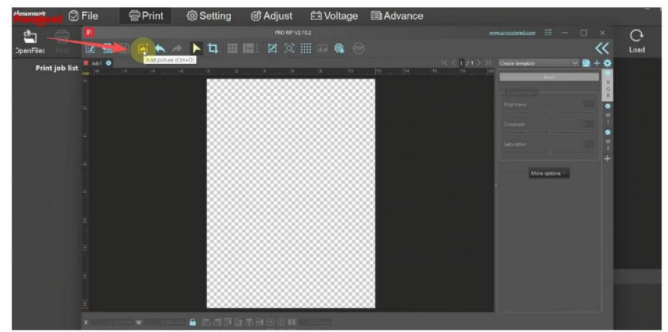


Step 9. Complete the test page for reference. If the cleaning results of the lines are poor after multiple times, please contact the after-sales engineer for inspection.

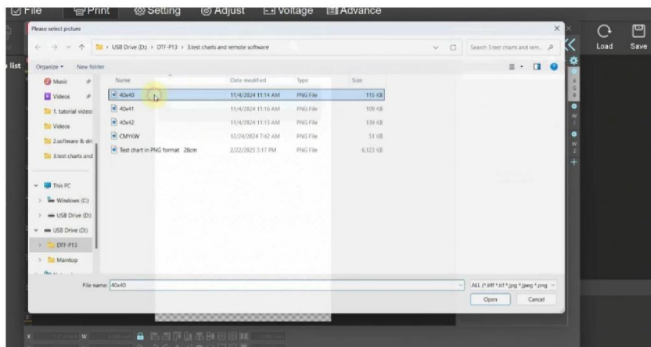
8. Print Your Designs in RIP software



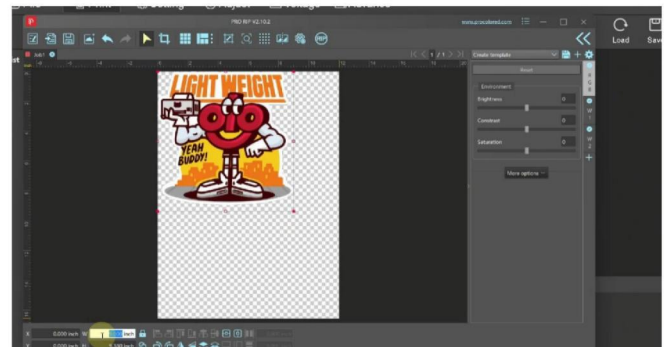
Step 1. Open the PRO RIP software.



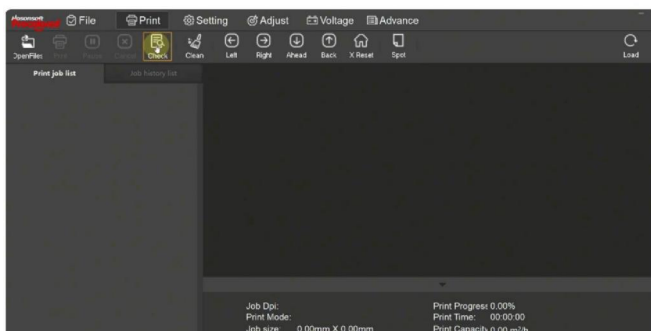
Step 2. Insert picture.



Step 3. Add a PNG-format image.



Step 4. Adjust image position.



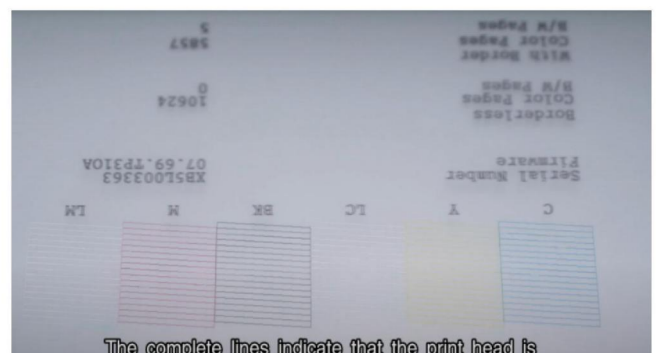
Step 5. Before printing the image, print a test page to confirm the status of the print head.



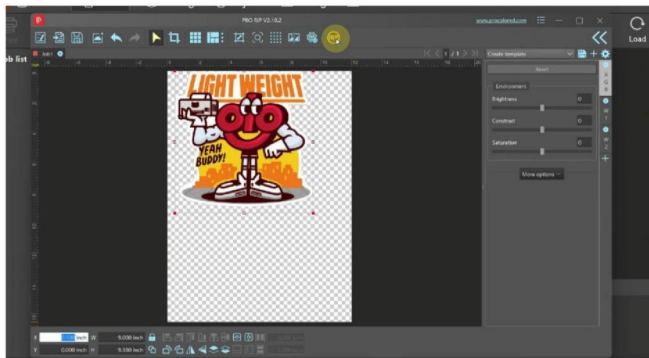
Step 6. Start printing the test page.



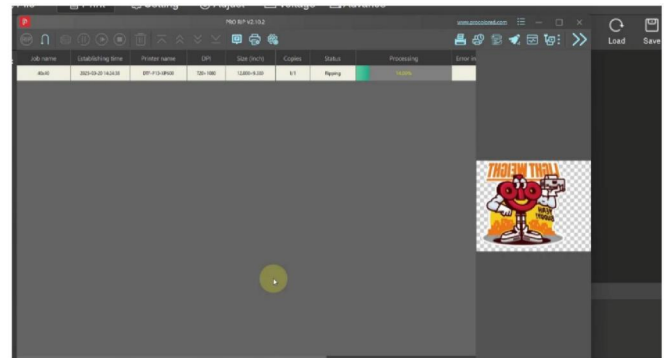
Step 7. Press and hold the down arrow button to remove the film paper.



Step 8. The complete lines indicate that the print head is in good condition and printing can begin.



Step 9. Click RIP to send the print task.



Step 10. After the image processing is completed, the printer starts printing.



Step 11. The print head moves and starts printing.



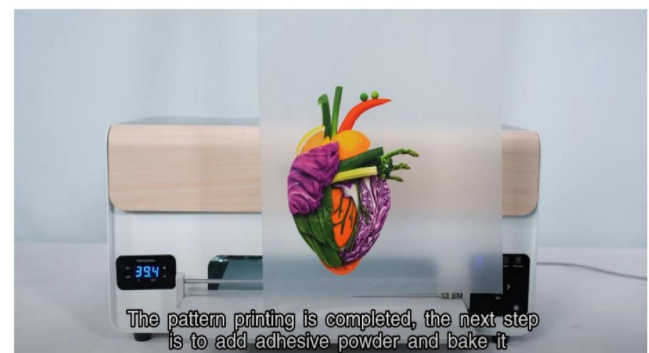
Step 12. Waiting for pattern printing to complete.



Step 13. The indicator light is constantly on, indicating that the printing is complete.



Step 14. Long press the down arrow button to advance the film paper.



Step 15. Cut off the film paper. The pattern printing is completed, the next step is to add adhesive powder and bake it.

9. Baking the Prints with a Curing Oven



Step 1. Add hot melt powder to the white ink surface of the pattern.



Step 2. Hot melt powder should evenly cover the white ink layer.



Step 3. Gently shake off the excess adhesive powder at the edge of the pattern.



Step 4. Place the white ink side up of the pattern in the oven.



Step 5. Bake at 120 degrees Celsius for 150 seconds.



Step 6. After the temperature reaches the set value, click to start the countdown.



Step 7. Buzzer alarm after the countdown ends.



Step 8. Click the countdown button to stop the alarm.



Step 9. Take out the baked pattern, or use the small suction cup that comes with the oven to remove the pattern to prevent burns.



Step 10. The white ink surface has completely melted, indicating that the pattern has been baked.

10. Transfer the Pattern onto Fabric



Step 1. Place the clothes that need to be transferred onto the hot press machine.



Step 2. Click the button and heat press for 5 seconds to flatten the clothes.



Step 3. Hot pressing temperature 160 degrees Celsius.



Step 4. Press the red switch 5 seconds later to raise the hot press machine.



Step 5. Place the processed pattern with the white ink side down on the clothes.



Step 6. Click the button to start hot pressing.



Step 7. Select the hot pressing time based on the material, and press the T-shirt for about 40 seconds.



Step 8. Waiting for the countdown to end.



Step 9. After the countdown ends, the hot press will automatically rise.



Step 10. Take out the T-shirt that has been hot pressed and let it sit for 30 seconds until it cools down.



Step 11. After cooling, slowly peel off the film paper from the edge.



Step 12. The pattern transfer is completed. It is recommended to let it stand for 48 hours before washing.



Step 13. You can heat press it again for 5 seconds to make the pattern more durable.

11.How to Do the Regular Maintenance



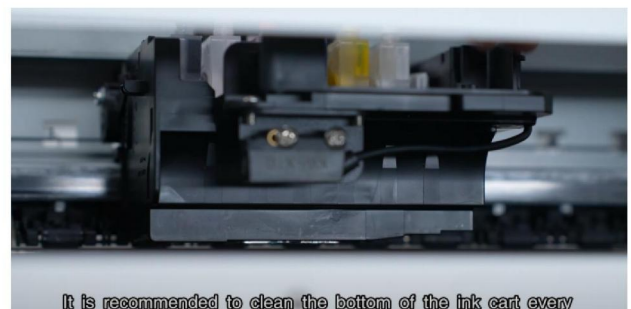
Step 1. Take away the cutting platform.



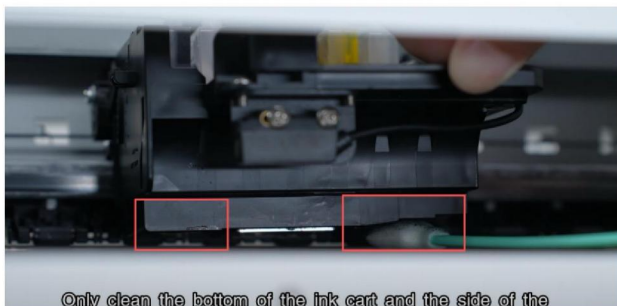
Step 2. Long press the left arrow button to move the ink cart to the middle position.



Step 3. Turn off the printer power.



It is recommended to clean the bottom of the ink cart every half month using a long cotton swab and clean water.



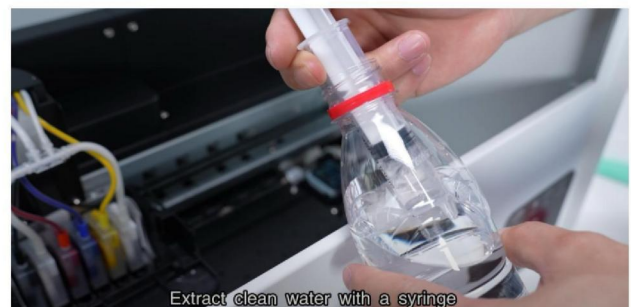
Only clean the bottom of the ink cart and the side of the print head, do not wipe the bottom of the print head.



Step 6. The waste ink pump should also be cleaned and wiped.



Step 7. Gently wipe off the waste ink on the ink pad.



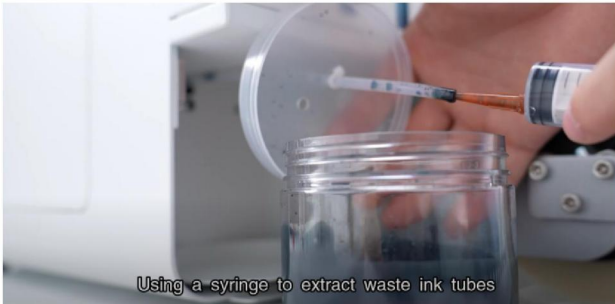
Step 8. Extract clean water with a syringe.



Step 9. Inject clean water into the ink pad.



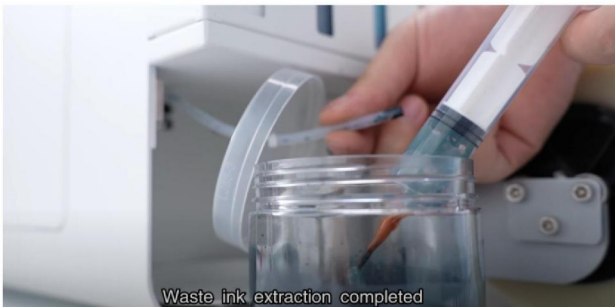
Step 10. Remove the waste ink bottle.



Step 11. Using a syringe to extract waste ink tubes.



Step 12. Extract the liquid from the ink pad.



Step 13. Waste ink extraction completed .The waste ink bottle also needs to be emptied regularly to prevent overflow when the ink is full.



Step 14. Then reinstall the waste ink bottle and protective cover.



Step 15. Remove the screw and take away the baffle.



Step 16. When the white ink is almost used up, pour out the ink at the bottom.



Step 17. Pour water into the white ink bottle.



Step 18. Tighten the bottle cap tightly.



Step 19. Shake the white ink bottle to clean it.



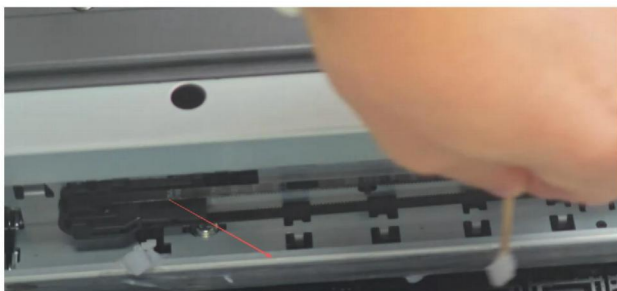
Step 20. Then pour out the liquid again, just clean the white ink bottle, because white ink has a high density and is prone to sedimentation.



Step 21. Wipe the white ink bottle clean, then put it back, and finally add white ink again.



Step 22. The transparent grille strip behind the ink car can be cleaned and wiped every two weeks using a dust-free cloth.



Step 23. The tracking of the ink cart can also be lubricated with grease once a month for lubrication.



Step 24. Start the printer after maintenance is completed.



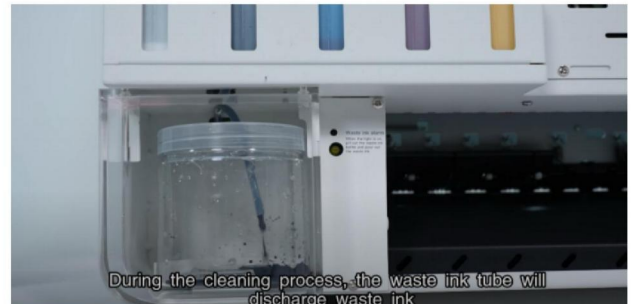
Step 25. Waiting for printer startup to complete.



Step 26. Press and hold button for 5 seconds to run the automatic cleaning once.



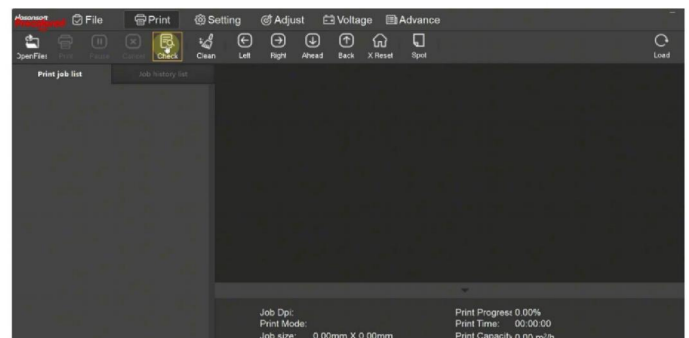
Step 27. The flashing indicator light indicates the start of automatic cleaning.



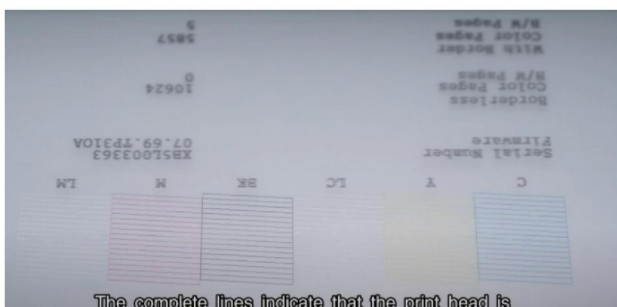
Step 28. During the cleaning process, the waste ink tube will discharge waste ink.



Step 29. The indicator light is always on, indicating that the cleaning is complete.



Step 30. Click check to print a test page.



Step 31. Observe whether the result lines of the printed test page are complete.



Step 32. If the test page is incomplete, run the automatic cleaning again and then reprint the test page.

12.Maintenance Plan

	Daily Beginning of the Day	Daily End of the Day	Weekly	As Needed
Shake White Bottles	1			
Nozzle Check	1			
Head Cleaning	1			
Fill Ink				1
Clean Around Head		1		
Clean Wiper Blades		1		
Clean Capping Station Top		1		
Flush Capping Station Top		1		
Empty Waste Tank			1	
Clean Pinch Roller			1	Every New film
Clean Encoder Strip			1	
Grease Carriage Rail				1
Rinse Ink Container				1
Clean Encoder disk				1

Maintenance Schedule

1. Shake White Ink Bottle: To prevent white ink from settling, please shake the white ink bottle every day.
2. Nozzle Test [Check]: Perform a nozzle test before sending a print ob to ensure that you get good quality prints every time. Poor nozzles result in banding or over spray in the prints. Continue Printing if you can get 90% of the channels nozzles.
3. Head Cleaning: Perform this task when you are getting less than 90% of the channels nozzles. Perform Head cleaning is crucial to drain the capping station top and wipe the print head surface for nozzle test and or printing. After the head cleaning is done,perform a nozzle check to see if you can get 90% of the channels nozzles.
4. Power ink flush: Perform this when you notice any big missing nozzles or more than 50% of channels are missing, use a syringe to draw 5 ml of ink from the ink sac and 10-20 ml of ink from the waste ink tube, and then perform a Power Ink Flush task.
5. Clean Around the Head: It's important to clean around the head for any build-up inks at the end

of every day. Build-up inks can get on to the print head from the wiper and can potentially damage the print head. **DO NOT USE ALCOHOL.**

6. Clean Wiper Blade: Same as cleaning around the head, making sure the wiper blade is cleaned. It is very important to obtain a good nozzle check. Any residue buildup can damage the print head and your head cleaning may not be effective. **DO NOT USE ALCOHOL.**

7. Clean Capping Station Cap Top: Keeping the capping station cap tops clean is one of the most important tasks. Your head cleaning may not be effective. Your printer may not draw out the proper amount of ink if there are a lot of build-up inks. **DO NOT USE ALCOHOL.**

8. Flush Capping Station Cap with Cleaning Solution: Fill cleaning solution on the cap after the end of the day maintenance and press the clean button to flush out the cap immediately. This will ensure the print head is sitting on the cap. **DO NOT USE ALCOHOL.**

9. Regularly check whether the ink sac is broken or leakage of ink occurs, if so, please replace the ink sac in a timely manner to avoid ink leakage to the print head, causing the print head to burn out.

10. Empty Waste Tank: Regularly check the waste ink bottle. Waste ink will overflow resulting in a dirty work surface, Please ensure that the waste ink lines are not touching the waste ink. It may cause negative pressure, which can cause the waste ink to reverse the ink discharge resulting in the print head, circuit board into the ink, damage to the print head, the motherboard and other components.

11. Clean Pinch Rollers: Clean pinch rollers ensure that you have a consistent pull on the film. Film residues can make the roller miss the turns which can cause misalignment on the White and CMYK heads. Use a dry microfiber cloth or lint-free wipe to clean the rollers. Weekly-clean one side, As you replace the film to new, clean 360 degrees.

12. Clean Encoder Strip: The encoder strip can be cleaned with isopropyl alcohol, simply wipe both sides/check for any dents or ink splash.

13. Grease Carriage Rail: If you hear squeaky noise, it's time to grease the rails. Use heat-resistant gel/paste-based grease. **DO NOT USE A SPRAYER.**

14. Rinse the Ink Containers: Ink can settle inside the container, please contact with Procolored tech staff before performing this task.

13. Tech Support Contact Info

After-sales contact information:

E-mail: support@procolored.com

Hotline: +1 877 717 1666

Procolored Online Tech Support Page :

<https://www.procolored.com/pages/support-resources>

14. Notice and Tips

1. Do not move or touch the film when the printer is in operation. This can cause a head strike.
2. Please never leave any liquid on top of the printer cover. A small spill can damage the printer.
3. Do not expose the ink, film, and powder under direct sunlight, or a humid area. Avoid high humidity, high temperature, and direct sunlight. These will deteriorate the quality of the film, powder, and ink and may cause an issue. Use silica packs, and keep the consumables in containers with a lid.
4. Make sure you park the print head carriage to the capping station [back to home position] at the end of the day, leaving it not sitting properly on the cap can dry up the head and clog the system easily. If you are not sure whether the print head is in position, perform a head cleaning [from the printer] to move the print head back to the correct position
5. Make sure the film is horizontal and centered on the printing platform. Otherwise the film creases causing a head strike and damage the printer.
6. Try to use the printer at least every 3 - 4 days. Use the moisturizer to protect the print head when not in use on holidays.
7. Not using the printer for more than 2 weeks can cause the water-based ink to dry up which clogs the head. If there are no print jobs available, please at least print a test strip to create a print job. Daily maintenance is still recommended.
8. Use the correct consumables. Not using proper consumables or using other branded films, ink, powder, cleaning solution, swab, etc can damage the printer. Mixing of different brands of consumables, such as ink mixing, may cause blockage of the print head.
9. Refill the ink in a timely manner and do not let the ink level drop below one-third. Before adding new ink to the machine, be sure to shake the ink bottle several times to stop the ink from settling before adding. Seal the remaining ink properly and store it in a well-ventilated environment protected from light.
10. Use Procolored original print heads. Other low-cost, substandard print heads are usually refurbished through an aggressive cleaning process and have a short life span and the potential to damage the printer's motherboard.
11. Do not use a syringe to manually flush the print head. If the liquid comes into contact with the print head cable, it may damage the print head and the motherboard.

12. Printer out of service for more than half an hour, perform a print head cleaning task, and then continue to print, to avoid the situation of broken ink.
13. Do not use oversized syringes for ink extraction, as oversized syringes can cause damage to the print head due to excessive suction.
14. Do not manually inject cleaning solution from the nozzle position of the print head with a syringe, as this operation may easily cause damage to the print head and the motherboard.
15. Do not modify the machine yourself. Modification of the machine automatically voids the Procolored warranty and the machine is no longer warranted any more.
16. Please follow the maintenance schedule. Not following the maintenance can cause head clogs or serious printer damage.

15.Warranty Policy

Section One - Warranty Policy

1. Warranty Duration

For components not directly contact with ink, a warranty period of 12 months since printer purchase date is provided, unless damage is user-induced. Register warranty on our website to get warranty on some types of print head limited to one replacement.

2. Warranty Coverage

2.1 Main board

a. Main board for dual-head printer is not covered by warranty. Customers may send them in for repairs at their own expense.

b. Main board for single-head printer is covered by a 6-month warranty period since printer purchase. Within this warranty period, you are eligible for one replacement.

2.2 Print Head and Related Components

No warranty is provided for print heads or components that may be damaged due to contact with ink. However, after warranty registration, the following print heads are covered by a 6-month warranty period since printer purchase, limited to one replacement: [L1800, R1390, L800, L805, TX800, XP600].

2.3 Warranty for Other Accessories

Other accessories are covered by a 12-month warranty period since printer purchase.

2.4 Disclaimer

a. The warranty for the ink-contact components requires the printer exclusively use Procolored inks. Warranty coverage does not include the print head blockage resulting from the use of inks from other brands.

b. The damage must not be caused by user negligence or misuse.

c. The damage must be confirmed by our customer service team or engineers as non-user-induced.

3. Warranty Costs

3.1 If the component within warranty period is damaged within one month of printer receiving, we will bear the cost of component and covering the shipping fees.

3.2 For damage reported after one month of printer receipt, we will cover the cost of component but will not cover the shipping fees.

Section Two - Return Policy

If the printer is received within one week and no ink is added, it can be shipped back in its original packaging, and returns and exchanges are accepted. If any ink has been added into the printer, we can not process returns or exchanges.

Please note that this warranty policy is subject to change, and any modifications will be posted on our Procolored website[<https://www.procolored.com/pages/warranty-policy>]. For any warranty claims or inquiries, please contact our customer service team.