



# Aries 113

## Operation Manual



For Maintenance & Troubleshooting Videos



Other Important Materials



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# INSTALL DIGIRIP

## Step 1:

TICK BOX  WHEN DONE WITH STEP

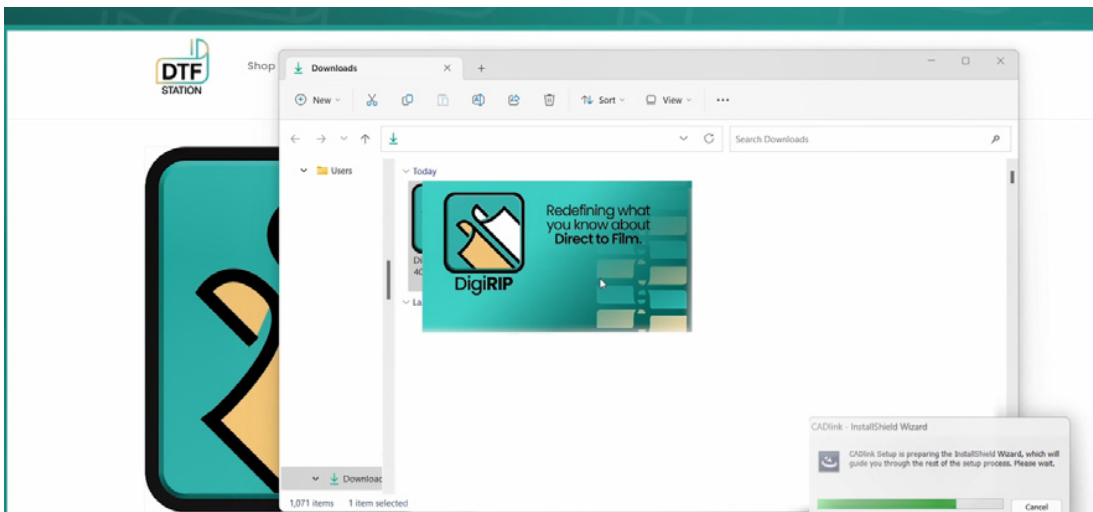
**DO NOT** connect your printer yet, download and install the DigiRip Raster image processing (RIP) software first Use the link below. The RIP is what allows the printer to print white in the correct order. Once installed, run DigiRip.

[https://drive.google.com/drive/folders/1X7ake2gzAA5KzR90-aaKCauKN6QxtMEg?usp=drive\\_link](https://drive.google.com/drive/folders/1X7ake2gzAA5KzR90-aaKCauKN6QxtMEg?usp=drive_link)

## Step 2:

TICK BOX  WHEN DONE WITH STEP

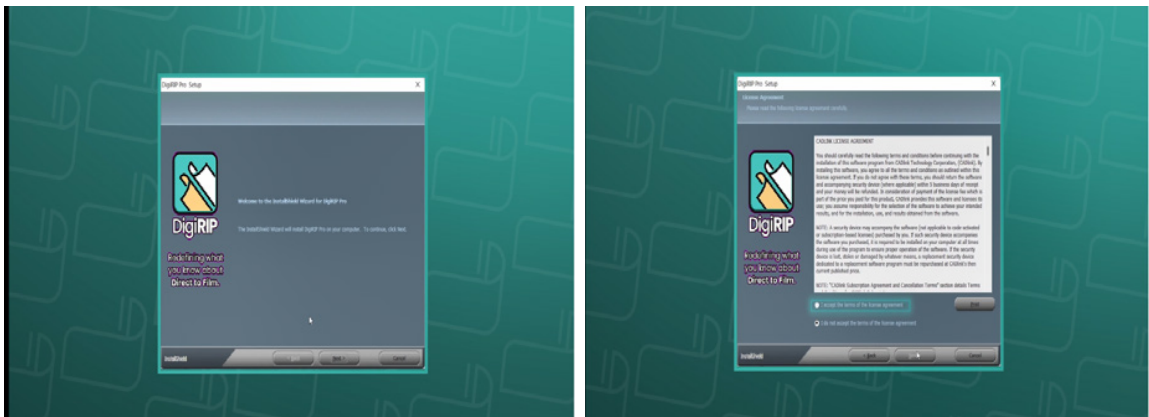
Click on the Icon to open



## Step 3:

TICK BOX  WHEN DONE WITH STEP

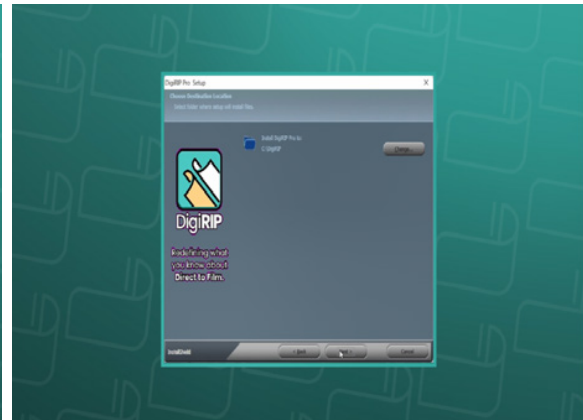
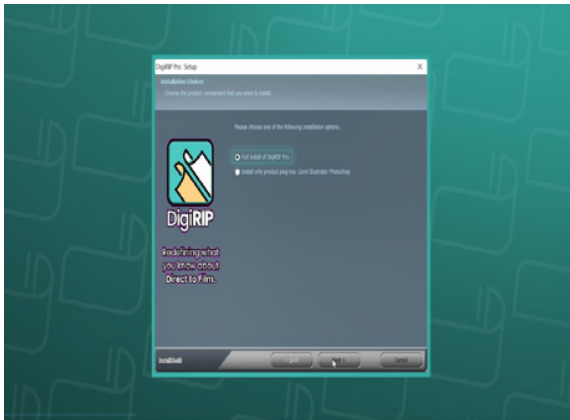
Click Next and accept the agreement



## Step 4:

TICK BOX  WHEN DONE WITH STEP

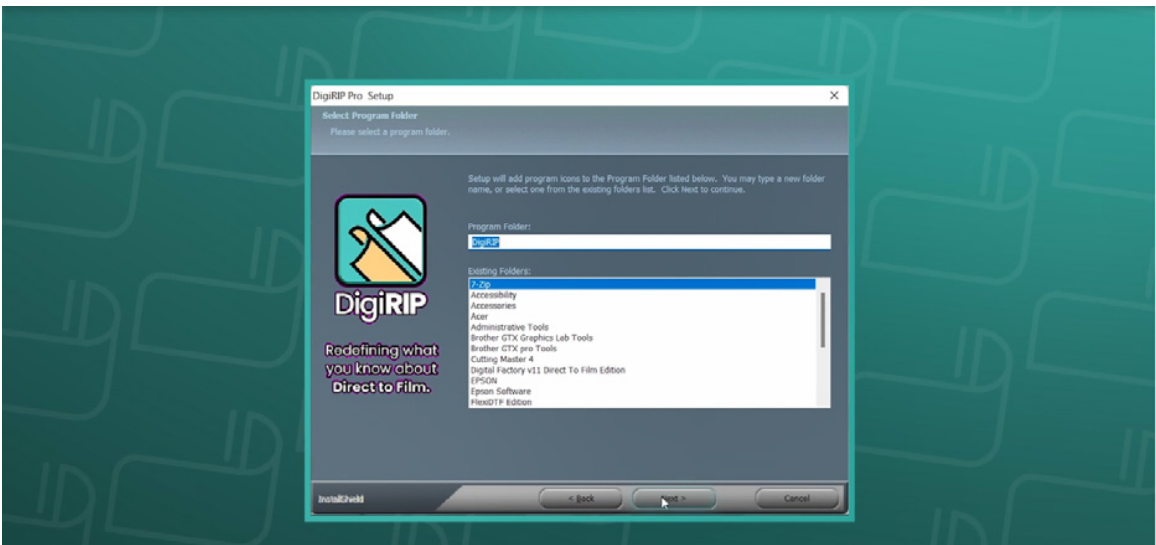
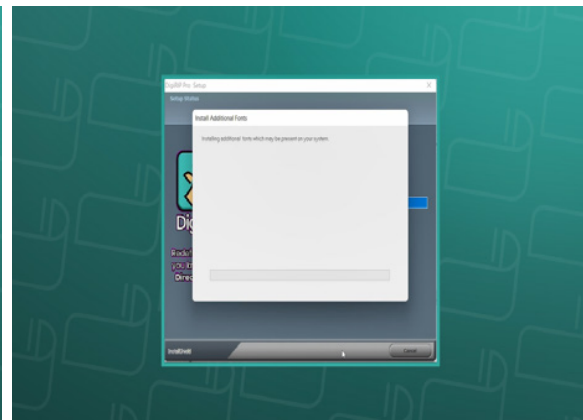
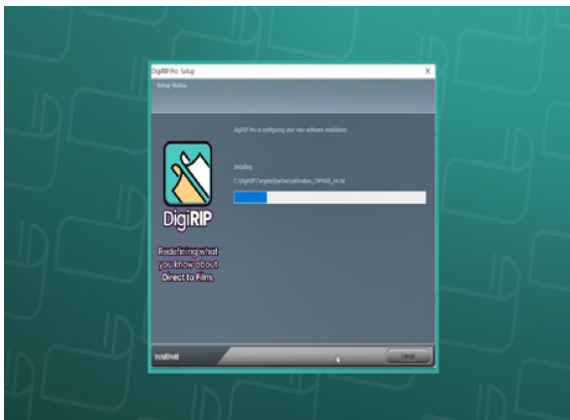
Full install and select the folder



## Step 5:

TICK BOX  WHEN DONE WITH STEP

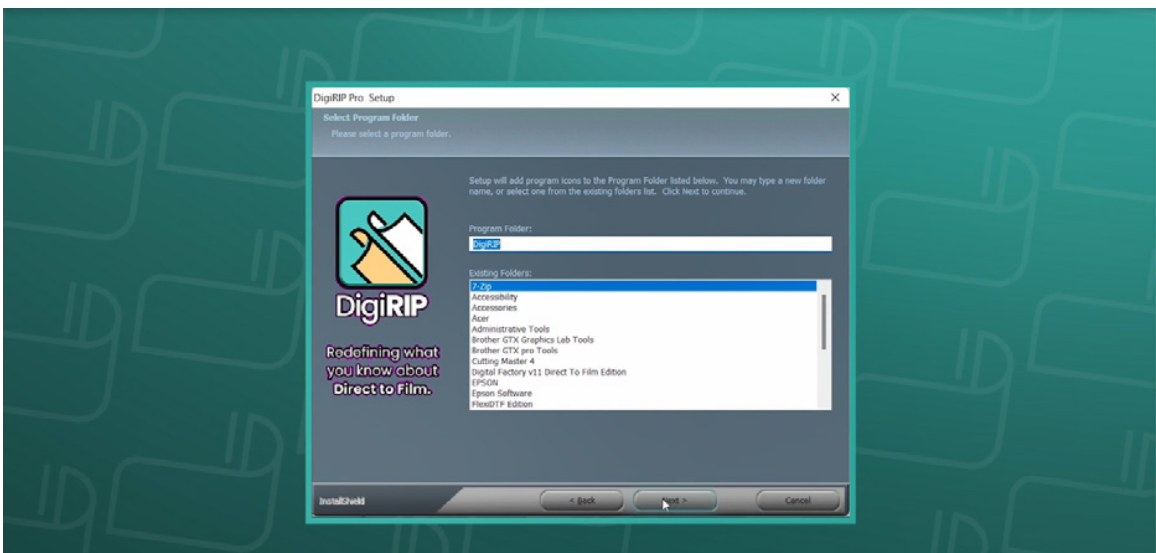
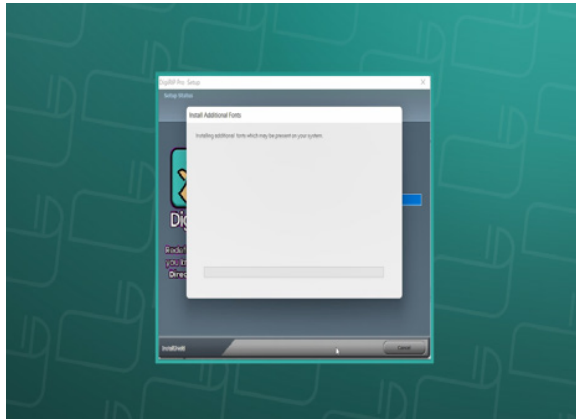
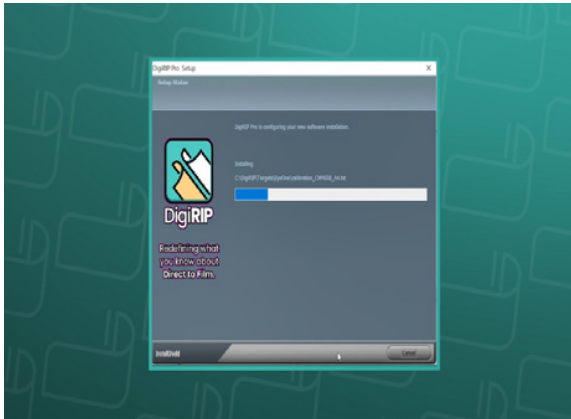
Wait for downloading



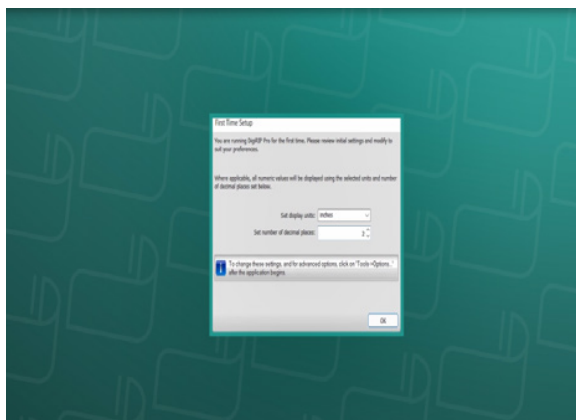
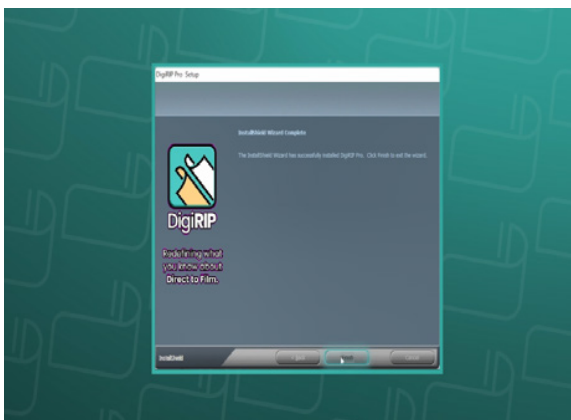
## Step 6:

TICK BOX  WHEN DONE WITH STEP

Wait for downloading



First time setup

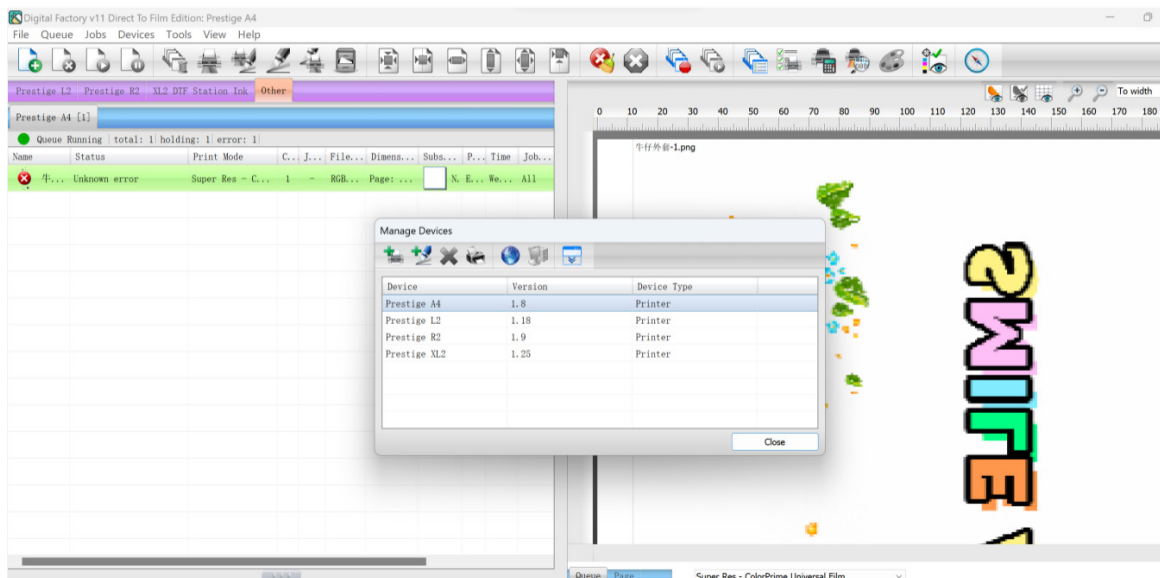
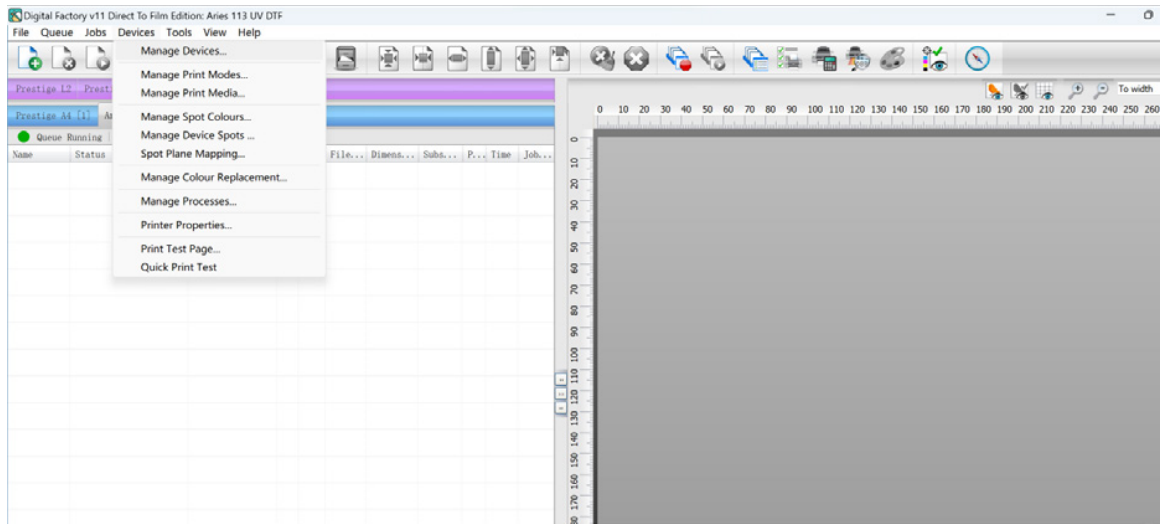


Enter the activation code, finish the registration

## Step 7:

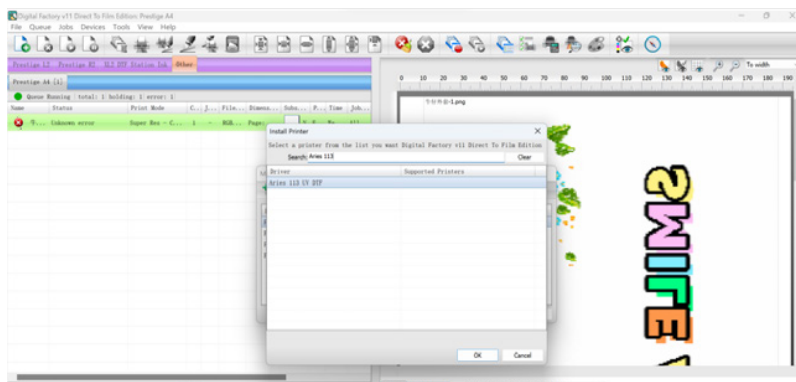
TICK BOX  WHEN DONE WITH STEP

Select Devices-->Manage Devices to add your printer

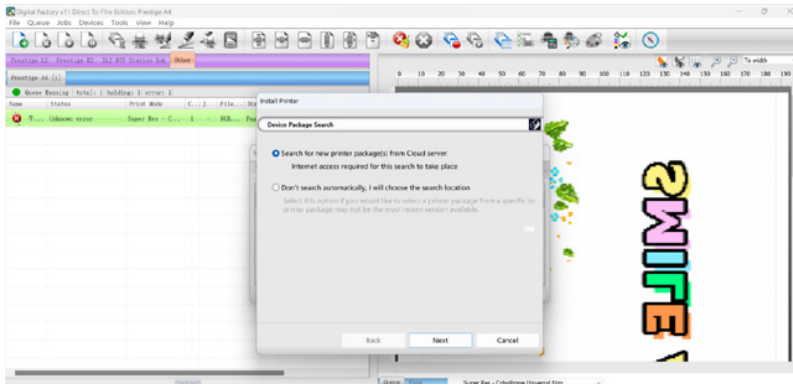


Search and Select Aries 113 UV DTF

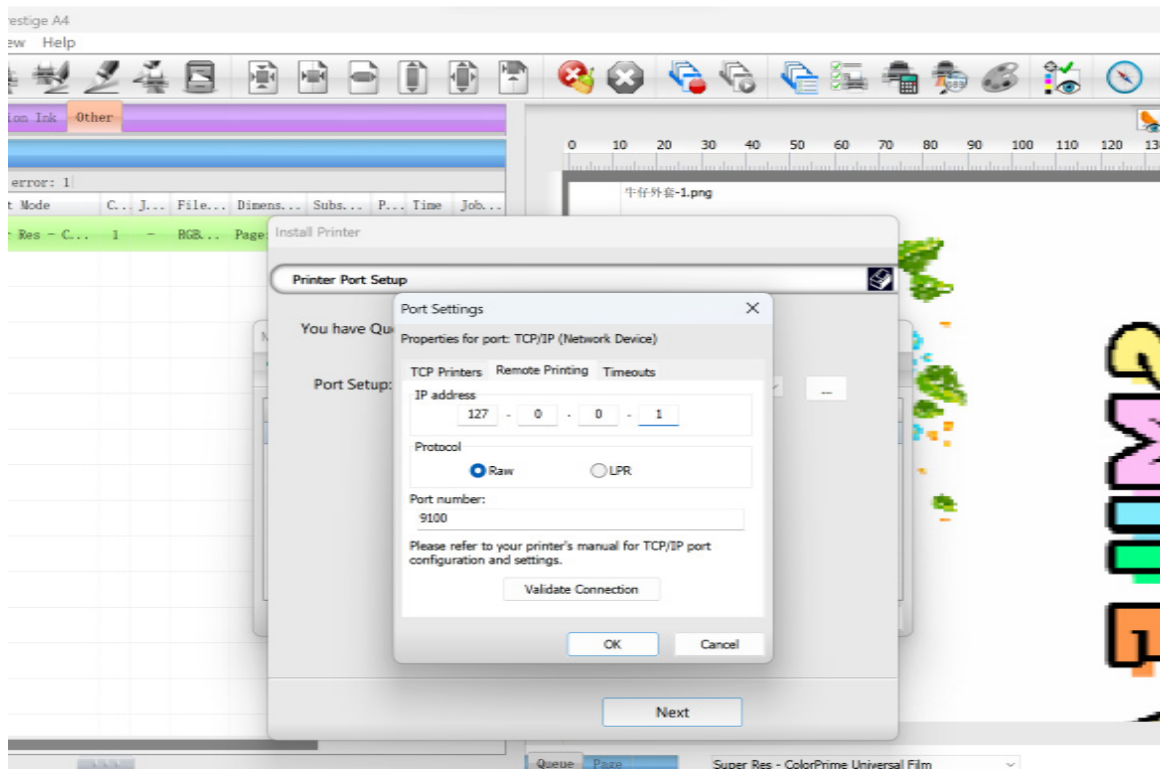
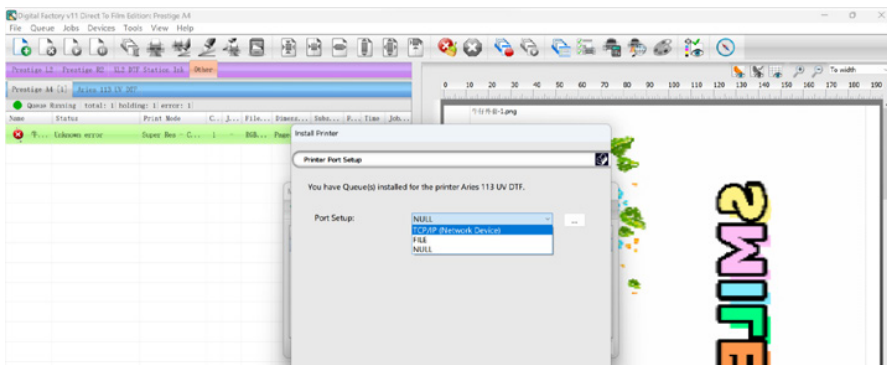
TICK BOX  WHEN DONE WITH STEP



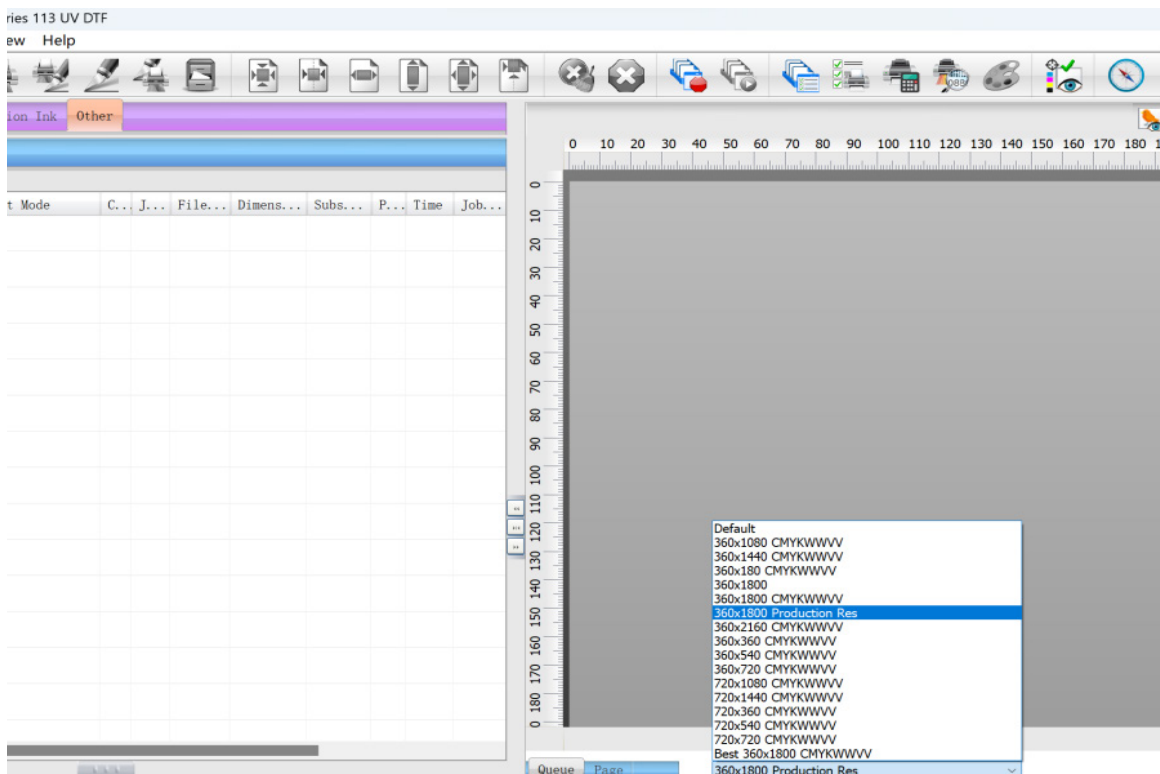
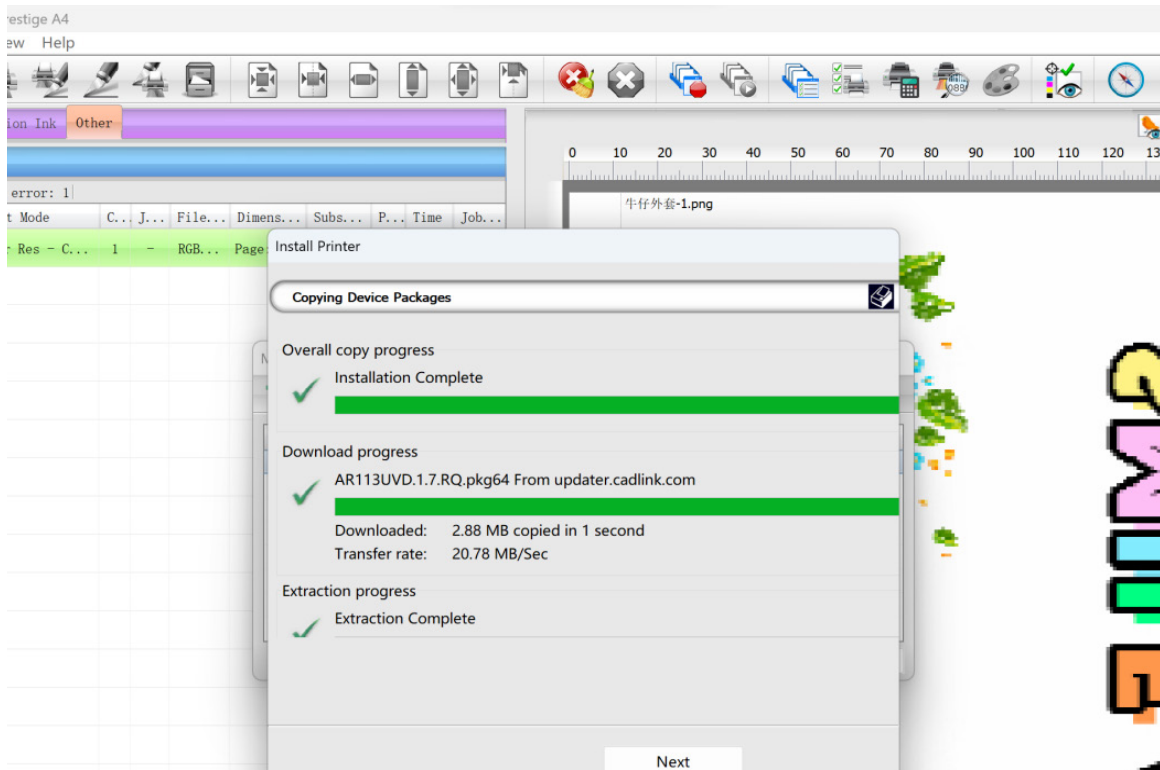
Continue -->



Select TCP/IP and Set the IP address to 127.0.0.1



# The Queue is added successfully





# UNZIP HOSONSOF

## Step 1:

TICK BOX  WHEN DONE WITH STEP

1.

Copy the file in the USB disk to your PC, locate "PrintExp\_X64"



Nozzle installation



PrintExp\_X64\_V5.7.6.5.74.Single\_20230208

2.

Unzip PrintExp\_X64



PrintExp\_X64\_V5.7.6.5.74.Single\_20230208

2023/6

3.

Open the file and find PrintExp\_X64.exe



PrintExp\_X64\_V5.7.6.5.74.Single\_20230208

2023/4/24 14:16



PassDataProc.dll

2022/1/21 11:01



PrintExp\_X64.exe

2022/1/21 16:13



PrintExpStyle.dll

2022/1/21 16:13

4.

Please refer to the video instruction available in Quick Start Guide to properly install Printexp. Before clicking on the button, you need to install the printer and have the printer turned on.

# INSTALL THE PRINTER

## Step 1:

TICK BOX  WHEN DONE WITH STEP

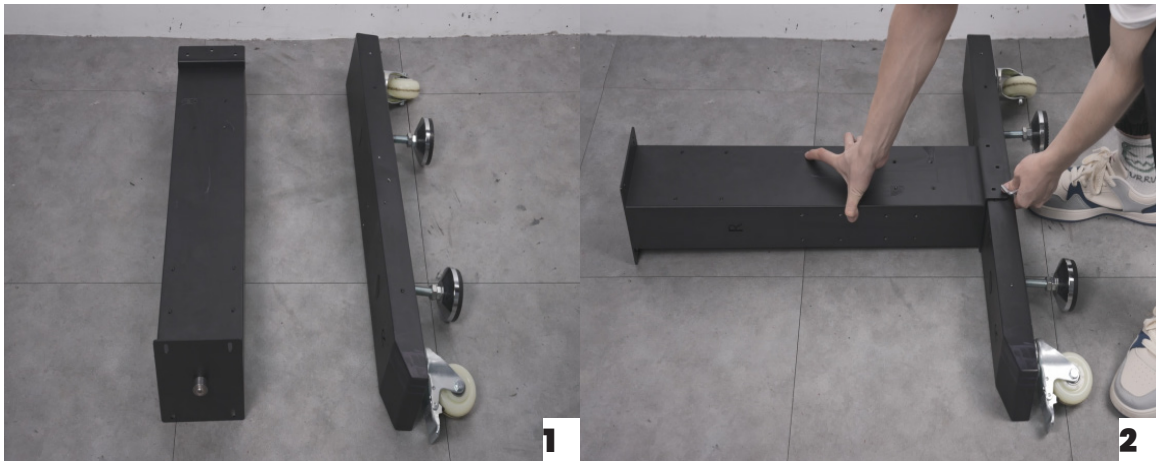
Tools needed: hexagonal screws, machine accessories, Phillips screwdriver, blade, tape, hexagonal screwdriver



## Step 2:

### Install the Base

TICK BOX  WHEN DONE WITH STEP



Note that the screws should be fix tightly, and the direction of Left and Right bracket (L & R sign is marked on the brackets)



### Step 3:

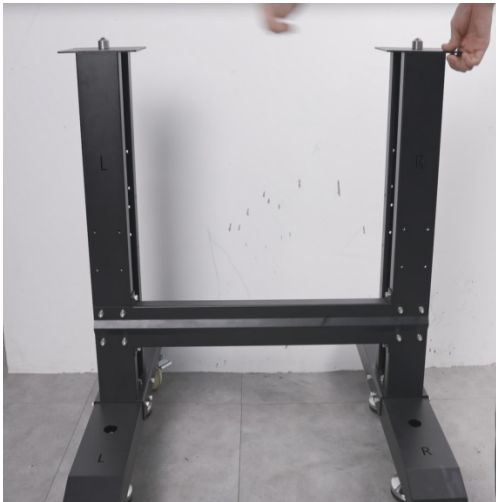
Install the fixing bar

TICK BOX  WHEN DONE WITH STEP



Turn around and install the second bar.  
Make sure to align with the holes in red circle

TICK BOX  WHEN DONE WITH STEP



Make sure to tighten the screws

TICK BOX  WHEN DONE WITH STEP



## Step 4:

TICK BOX  WHEN DONE WITH STEP

Install the bracket for media holder, as shown below, make sure to align the holes on both sides. Tighten the screws.



Do the same for the other side.

TICK BOX  WHEN DONE WITH STEP



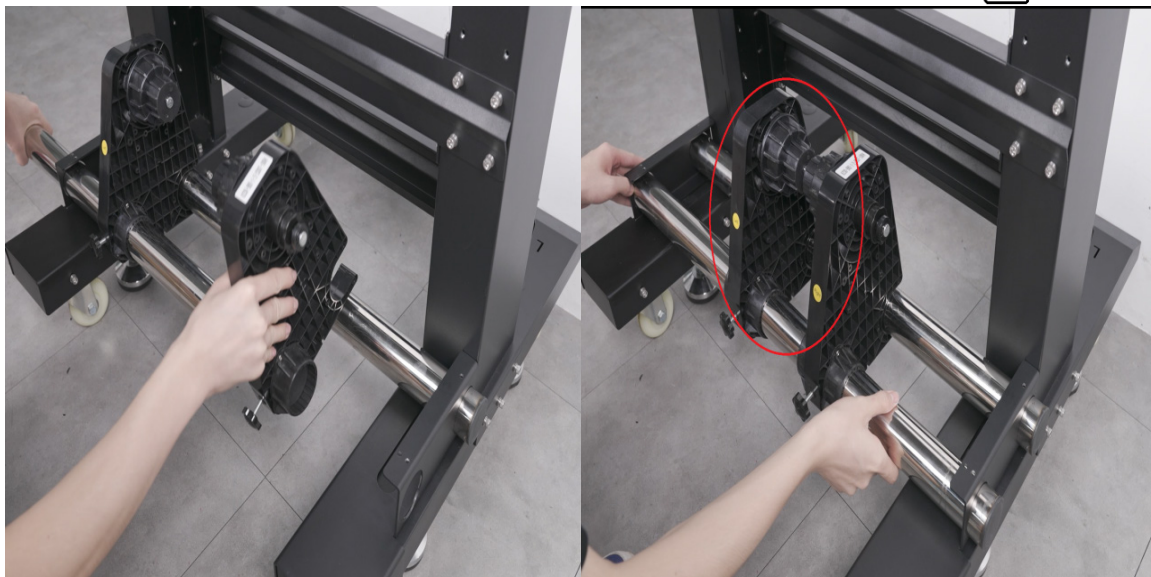
Install the bar and the take-up system.

TICK BOX  WHEN DONE WITH STEP



Note the direction of the take-up system

TICK BOX  WHEN DONE WITH STEP



Install the fixing plate on the left, then tighten the screws to fix the bar

TICK BOX  WHEN DONE WITH STEP



### Step 5:

Install the take-up system, Install the bracket for the crossing bar

TICK BOX  WHEN DONE WITH STEP



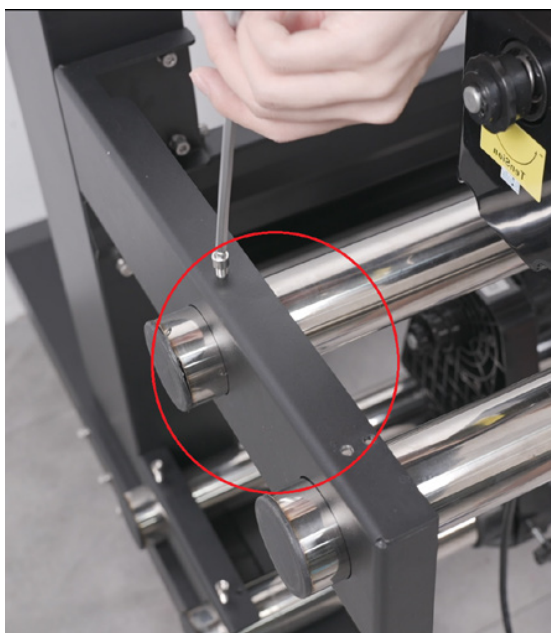
Install the bar and the take-up system

TICK BOX  WHEN DONE WITH STEP



Tighten the screws to fix the take-up system on both sides

TICK BOX  WHEN DONE WITH STEP



## Step 6:

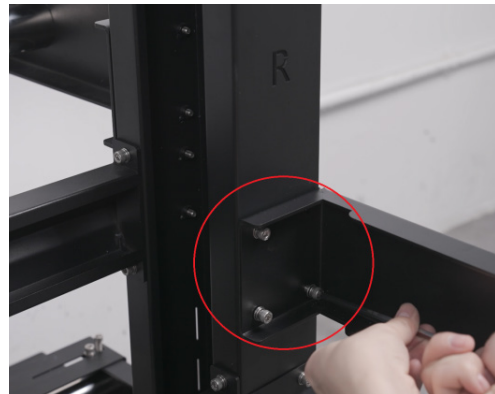
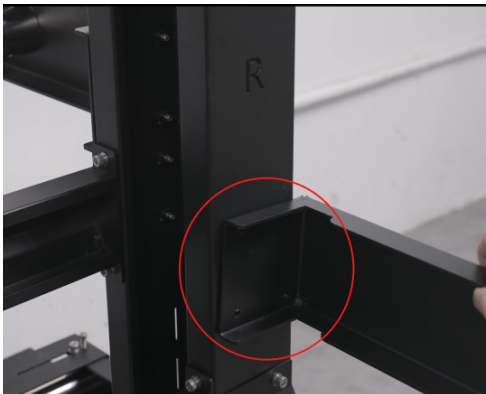
Install the bracket for bar in the front

TICK BOX  WHEN DONE WITH STEP



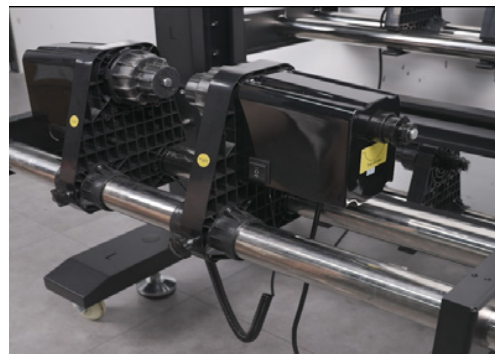
Tighten the screws

TICK BOX  WHEN DONE WITH STEP



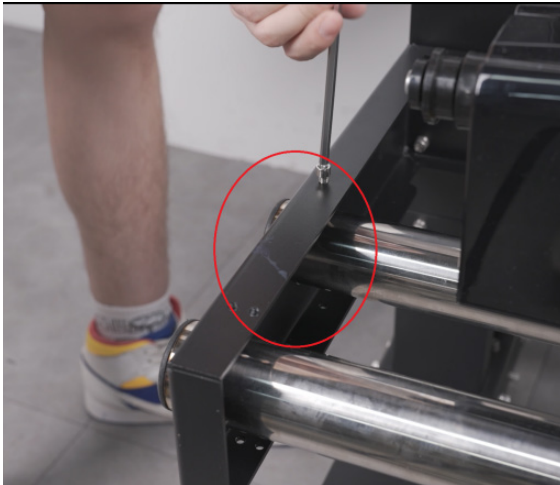
Install the bar and take-up system in the front

TICK BOX  WHEN DONE WITH STEP

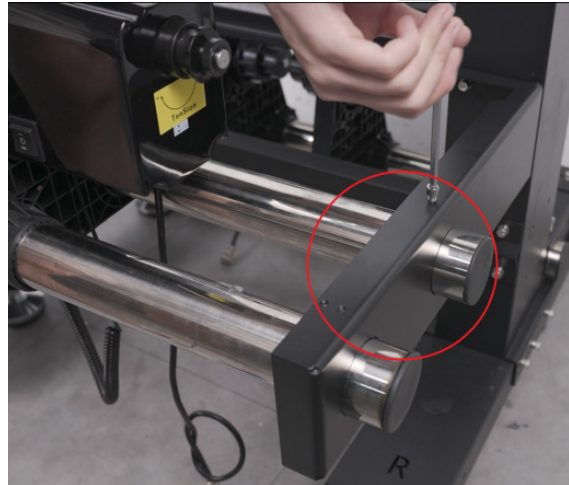




Tighten the screws to fix the bar



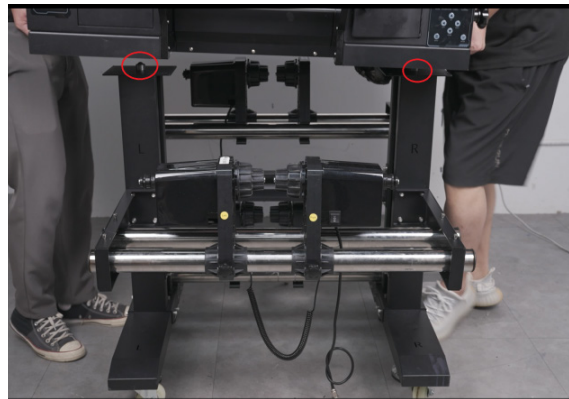
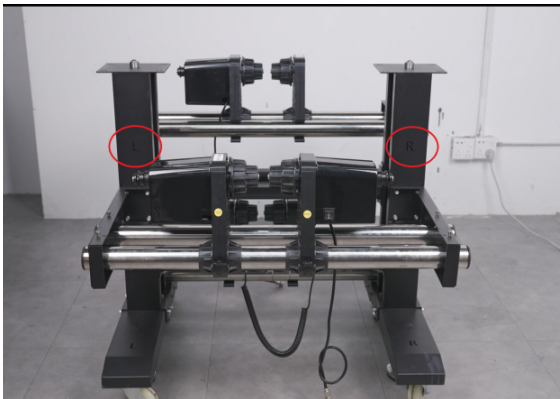
TICK BOX  WHEN DONE WITH STEP



### Step 7:

Install the printer with base. Turn the bracket to the front (note that the side with L&R sign is the front). Lift up the printer.

TICK BOX  WHEN DONE WITH STEP



Make sure the align the holes



TICK BOX  WHEN DONE WITH STEP



Tighten the fixing screws on both sides

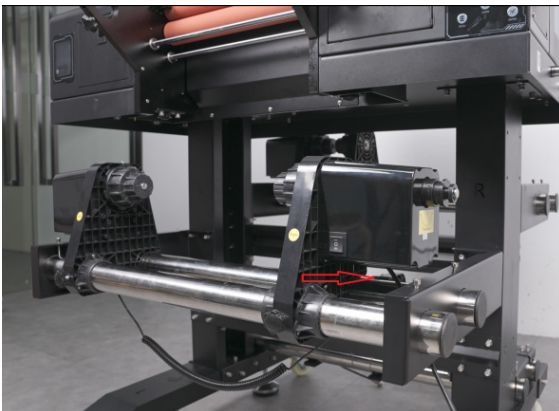
TICK BOX  WHEN DONE WITH STEP



**Step 8:**

TICK BOX  WHEN DONE WITH STEP

Connect the power cord of the front take-up system



Install the waste ink bottle bracket  
Connect the waste ink tube

TICK BOX  WHEN DONE WITH STEP



Take out the accessories



TICK BOX  WHEN DONE WITH STEP



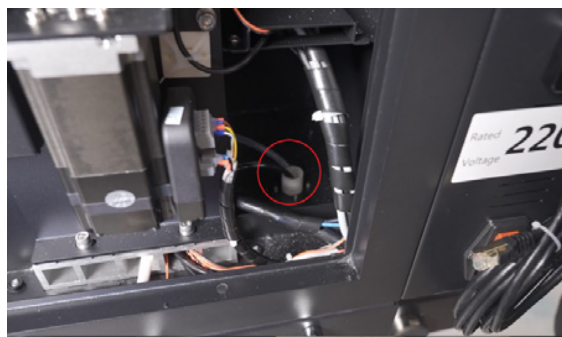
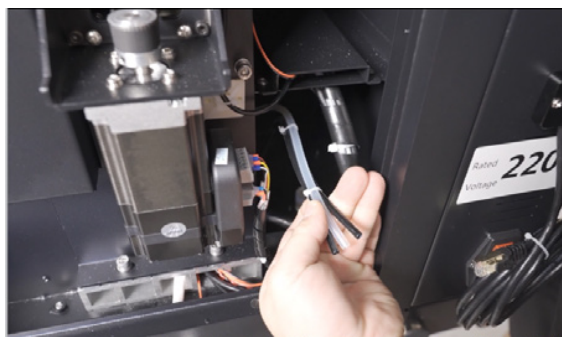
Trim the waste ink hose to match the height of the waste ink bottle. Turn on the waste ink level alarm.

TICK BOX  WHEN DONE WITH STEP



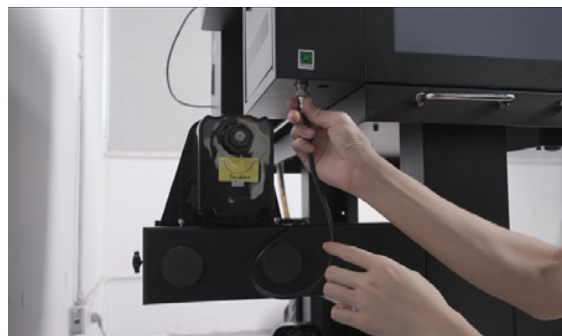
Put the waste ink tubes (the small one) into the waste ink hose

TICK BOX  WHEN DONE WITH STEP



Put the side cover back, connect the power cord of the back take-up system. Then installation is done.

TICK BOX  WHEN DONE WITH STEP



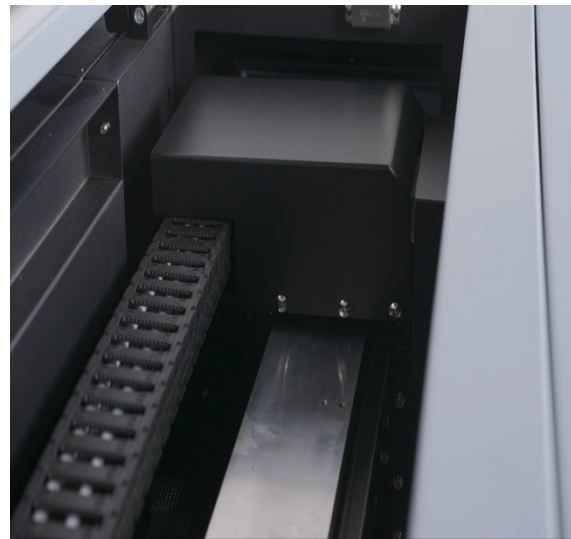
# UNLOCK THE CARTRIDGE AND LOAD INK

## Step 1:

TICK BOX  WHEN DONE WITH STEP

Connect the printer, Before turning on the power, take away the iron plate that fixes the cartridge, cut off the label, then turn it on, and connect the network cable

(Note: it must be connected to the Gigabit Ethernet port of the computer, otherwise the software is unable to connect with the printer)



## Step 2:

TICK BOX  WHEN DONE WITH STEP

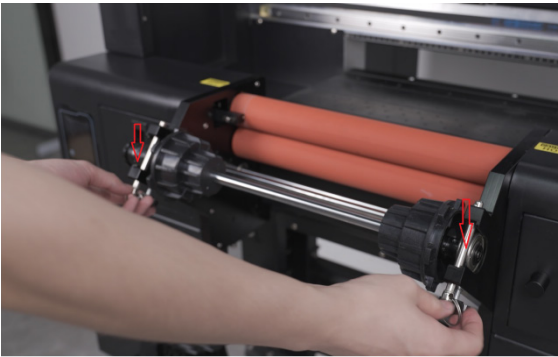
Shake the ink bottle for at least 1 minute to make sure the ink won't dilute because of precipitation, then pour the ink according to the colors



### Install the B film

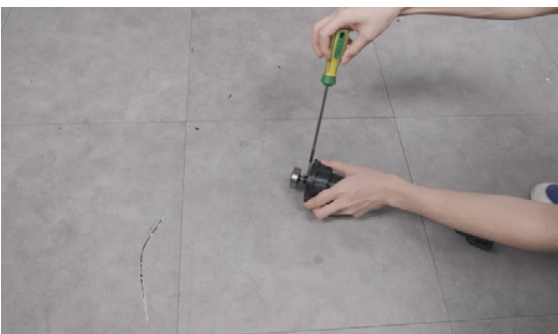
remove the bolts on both sides

TICK BOX  WHEN DONE WITH STEP



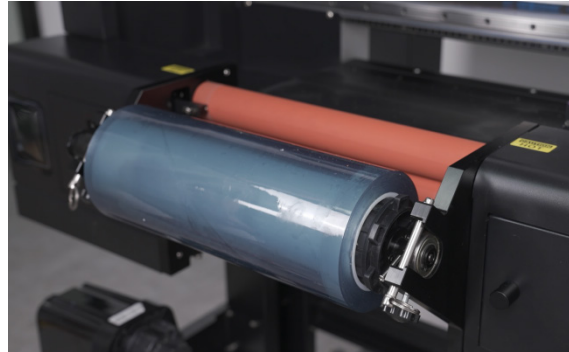
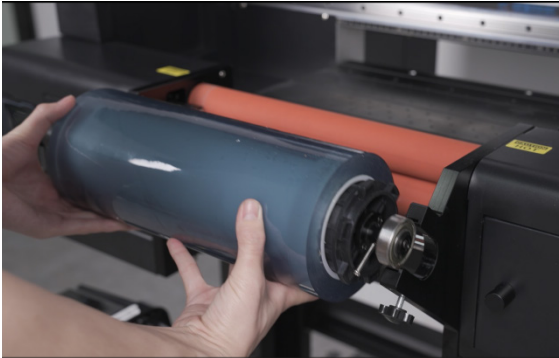
Take out the bracket of B film, Remove the holder from one side, Put in the B film and fix it with screws

TICK BOX  WHEN DONE WITH STEP



Put the bracket with B film to the printer  
Put back the bolts

**TICK BOX**  WHEN DONE WITH STEP



Install the front core

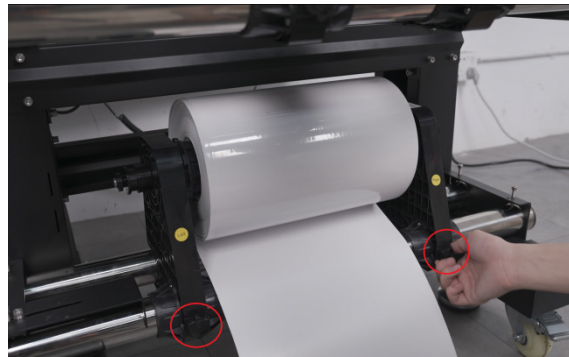
**TICK BOX**  WHEN DONE WITH STEP



### Install the A film

Install the A film, tighten the knobs when center the A film with B film.

**TICK BOX**  WHEN DONE WITH STEP

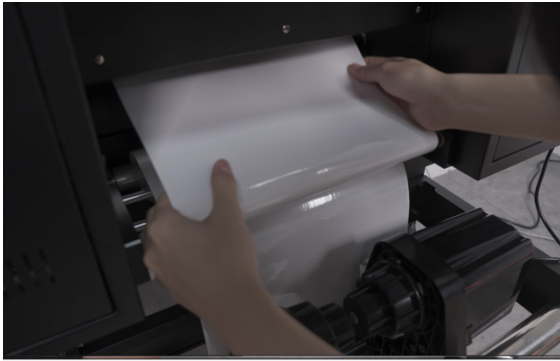


Cross the bar as shown below

**TICK BOX**  WHEN DONE WITH STEP



Lift up the pinch roller

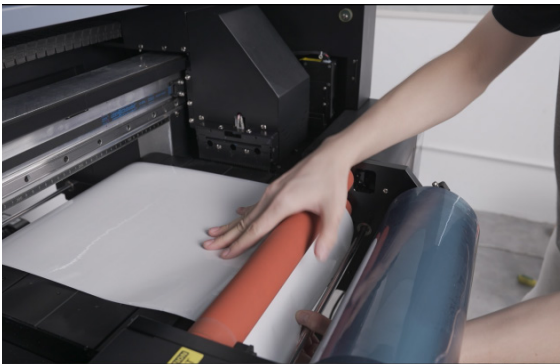


**TICK BOX**  WHEN DONE WITH STEP



Put the A film through the pinch roller and fix it by turning the knob

**TICK BOX**  WHEN DONE WITH STEP



Install the back core and tighten the screws

**TICK BOX**  WHEN DONE WITH STEP



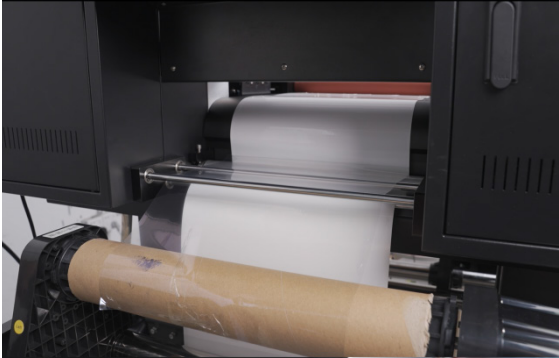
Use a cutter to cut on the surface on the A film, then detach the protective film and the glued film

**TICK BOX**  WHEN DONE WITH STEP



Use a tape to connect the film to the back take-up system, then turn it on

**TICK BOX**  WHEN DONE WITH STEP



Laminate the A film with B film

**TICK BOX**  WHEN DONE WITH STEP



After the initialization, press DOWN on the control panel, use a tape to connect the film and the core

**TICK BOX**  WHEN DONE WITH STEP



Turn on the front take-up system

**TICK BOX**  WHEN DONE WITH STEP

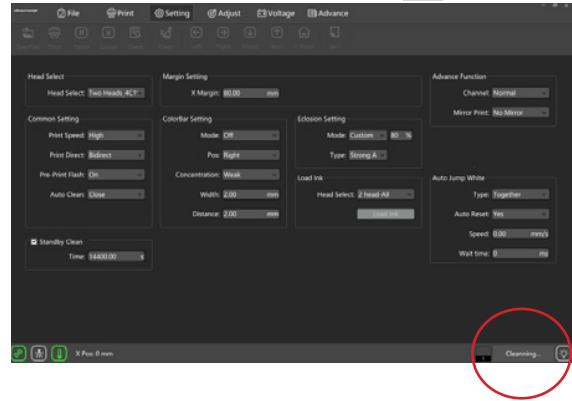
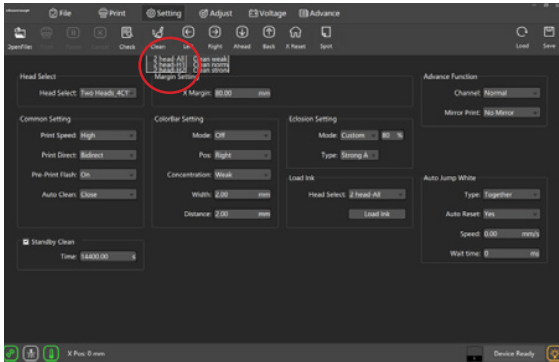




### Step 3:

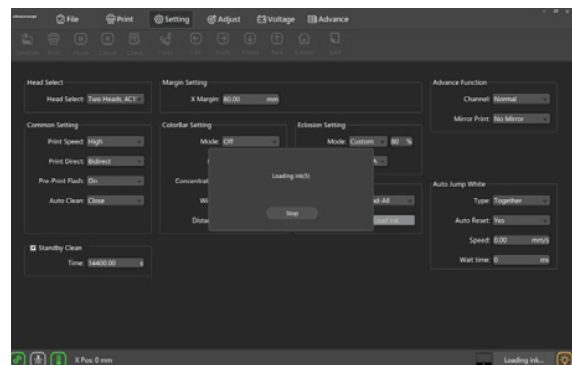
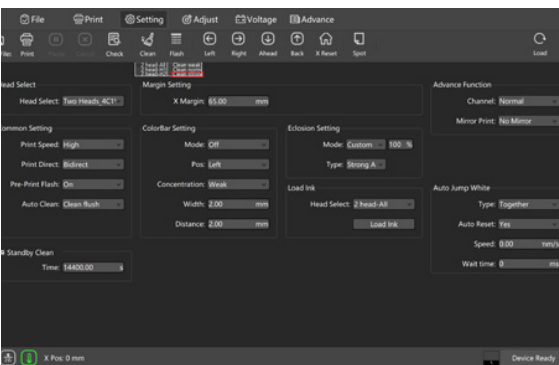
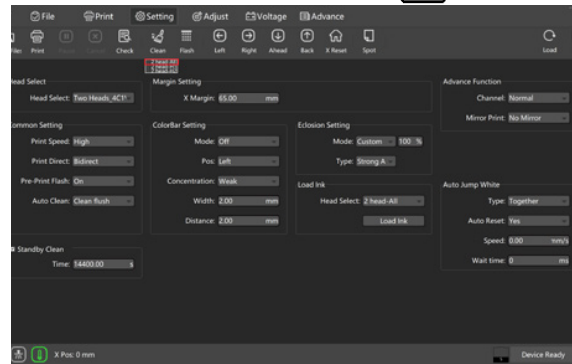
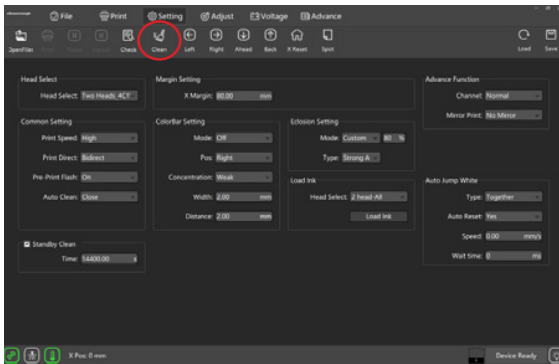
In setting interface, click on Load Ink, choose "2 Head All". Noted that the time for loading ink should stay within 30 seconds each time to prevent excessive pressure to damage the heads. After 2-3 times loading, the ink is ready.

**TICK BOX**  WHEN DONE WITH STEP



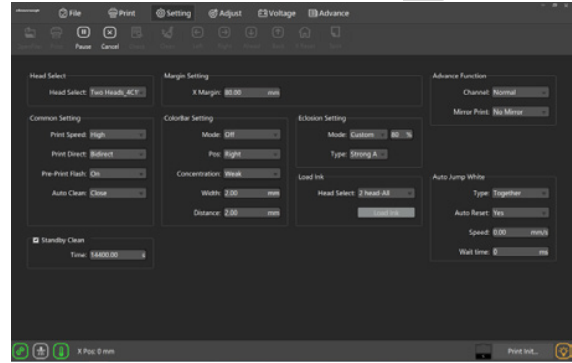
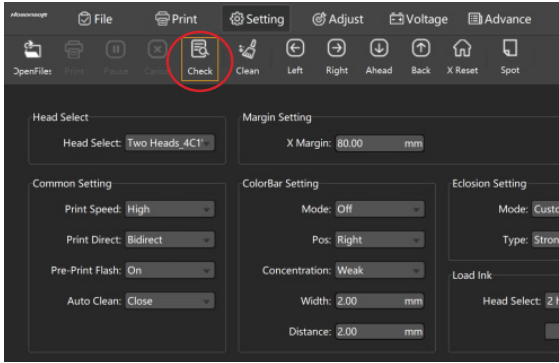
After loading ink, select "Clean"--"2 Head-All"--"Clean Strong" to clean the heads. When the cleaning is done, perform a nozzle check to see if the patterns are good.

**TICK BOX**  WHEN DONE WITH STEP

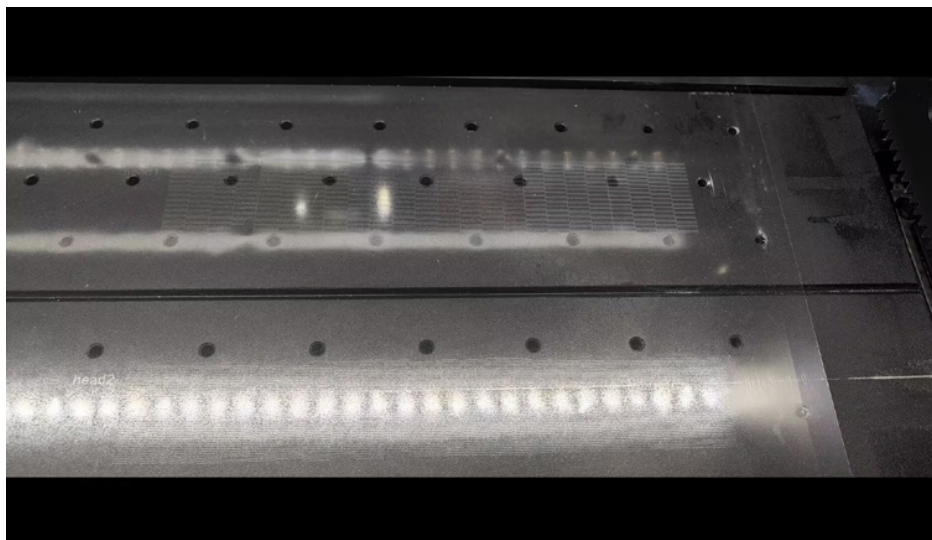
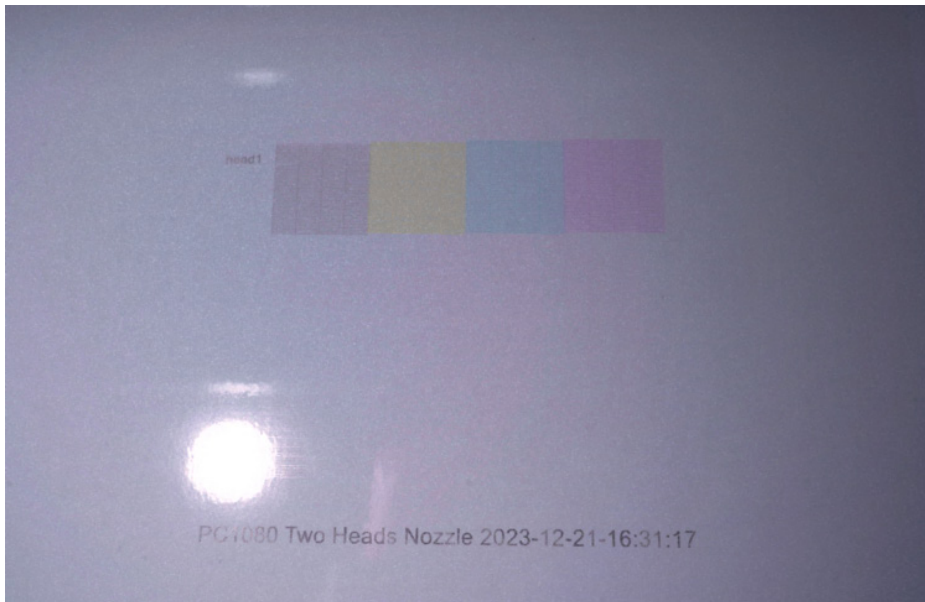


# Perform nozzle pattern check

**TICK BOX**  **WHEN DONE WITH STEP**



When the nozzle patterns are good, we could start to print. Good nozzle patterns example as below:



# STORAGE AND MAINTENANCE

If you're not going to use the printer for 5 days or more, you must follow the steps below to prevent damage to the print head, ink pump and ink pipes.

## STEP 1:

*Clean and maintenance*

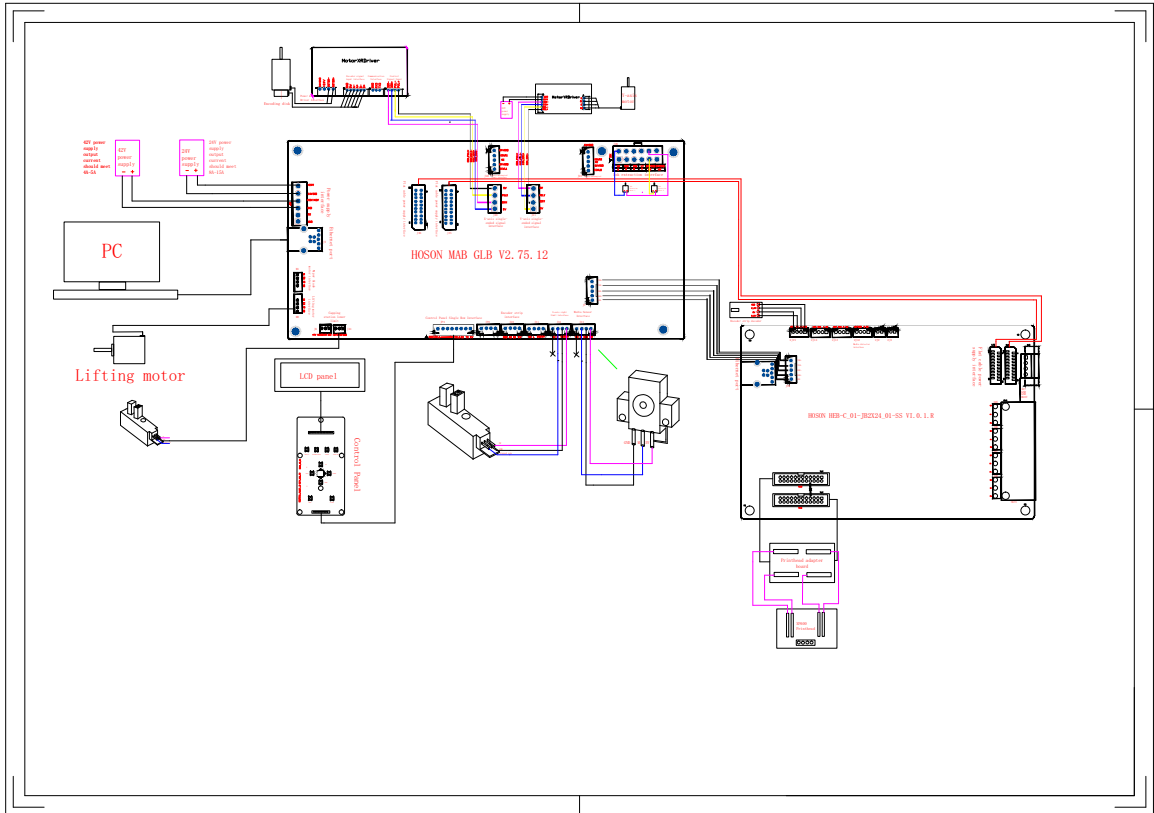
## STEP 2:

*Keep the main power on*

## STEP 3:

*The printer will automatically clean once every 4 hours*

# Electrical Diagram





## Limited Warranty on Aries 113 UV DTF Printer

DTF Station is pleased to offer a limited warranty on the Aries 113 UV DTF Printer, subject to the terms and conditions outlined herein. Please read this warranty policy carefully to understand your rights and obligations.

### A. Warranty Coverage

The warranty for the Aries 113 UV DTF Printer includes a limited 1-year coverage for non-consumable parts.

#### **What are Consumable parts?**

In the context of printing and related equipment, consumable parts refer to components or elements that come into direct contact or interaction with ink, cleaning solution, or other similar materials during the normal operation and maintenance of the equipment. These parts are typically designed to be replaced periodically due to wear and tear, degradation, or contamination caused by the substances they come into contact with. The replacement of consumable parts is often necessary to maintain the performance, quality, and longevity of the equipment. Examples of consumable parts may include but are not limited to, printheads, dampers, capping station caps, wiper blades, ink cartridges, rollers, filters, and cleaning brushes, among others.

#### **Conditional warranty coverage for the Aries 113 UV DTF Printer (Country: US Only):**

The Aries 113 UV DTF Printer comes with a warranty covering up to two (2) printheads for six (6) months from the date of purchase.

Warranty Conditions:

- **Training Checklist & Warranty Disclosure Form:** To activate and maintain warranty coverage, customers must submit a completed Training Checklist & Warranty Disclosure Form within 30 days of product purchase. This form acknowledges receipt of training materials and



confirms the understanding of proper equipment usage and maintenance.

- **Mandatory On-Site Training:** Eligibility for the warranty requires the completion of mandatory On-Site Training by DTF Station-approved technicians. This training ensures proper installation, operation, and maintenance of the Aries 113 UV DTF Printer.

There are three types of On-Site training options, which will be applied based on the distance and location accordingly. Further details are outlined below:

- **On-Site Setup/Training + Driving Distance includes:**
  - One Time Driving Distance within 2 hours
  - 4~6 Training Hours Onsite
- **On-Site Setup/Training + Air Travel Domestic includes:**
  - One Time Accommodations such as hotel, rental car, and flight ticket
  - 4~8 Training Hours Onsite
- **On-Site Setup/Training + Overseas Travel includes (Outside of US):**
  - One Time Accommodations such as hotel, rental car, and flight ticket
  - 4~8 Training Hours Onsite

**Please note:** Warranty will be effective from the time of submission of the *Training Checklist & Warranty Disclosure Form*, or, if not submitted within 60 days of receiving the equipment, from the shipment date of the Aries 113 UV DTF Printer.

**Limited warranty coverage:** Customers who elect not to complete On-Site Training will receive limited warranty coverage, which excludes any conditional warranty coverage, for 90 days from the warranty's effective date.

## **B. Warranty Effective Date**

The warranty becomes effective upon the successful completion and return of the *Training Checklist & Warranty Disclosure Form* provided by DTF Station during On-Site Training. If the *Training Checklist & Warranty Disclosure Form* is not



completed and returned within 60 days of receiving the equipment, the warranty will be effective from the shipment date of the Aries 113 UV DTF Printer.

In addition to signing the *Training Checklist & Warranty Disclosure Form*, please visit the following URL to register your equipment warranty:

<https://dtfstation.com/pages/please-register-your-printer-before-using>. By registering your equipment warranty through this link, you can ensure that your warranty coverage is activated and that you have easy access to warranty support and services

### **C. Return Policy**

- **30-Day Return Window**

For any valid reason, if the customer is not satisfied with their purchase, the customer may return the printer within 30 days of the purchase date to receive full credit (including initial shipping).

- a. **Valid Reasons for Return:** Valid reasons for return include but are not limited to:
  - i. **Defective Product:** If the printer arrives with manufacturing defects or malfunctions, we will accept the return and issue full credit.
  - ii. **Incorrect Product:** If you receive a printer that is different from what you ordered, we will accept the return and issue a full credit.
  - iii. **Damaged During Shipping:** If the printer is damaged during shipping, please contact us immediately, and we will arrange for a return and issue a full credit.
- b. **Invalid Reasons for Return:** Invalid reasons for return include but are not limited to:
  - i. **Preference-Based Reasons:** Returns based on personal preferences such as "I don't like the way it looks" or similar non-defective reasons will not be accepted.

### **D. Terms That Void the Warranty**



- **Use of Non-DTF Station Ink, Film, Powder**

Please note that the use of non-DTF Station ink and film with your Aries 113 UV DTF Printer will void any warranty offered for the printer. To maintain warranty coverage, it is essential to use only DTF Station-approved ink and film.

- **Ownership Transfer**

Warranty Non-Transferable: The warranty does not transfer with changes in ownership.

- **Removal of Serial Numbers or Labels**

Altering, removing, or tampering with serial numbers, labels, or identifying marks on the product can void the warranty.

- **Non-Compliance with Maintenance Requirements**

Failure to adhere to recommended maintenance and care procedures as outlined in the product documentation may void the warranty.

## **E. Repair and Replacement**

- **Releasing Replacement Parts:** DTF Station technicians will offer you the necessary instructions for replacing parts, and it is your responsibility to make reasonable efforts to carry out the part replacement and resolve the issue. All replacement parts will be shipped free of charge via **ground shipment** from California. However, if you request expedited shipping, additional shipping charges will apply.
- In the event that you encounter technical issues with your Aries 113 UV printer, If we are unable to resolve the issue, DTF Station reserves the right, at its sole discretion, to take the following actions:





- **Onsite Technician Visit:** DTF Station may arrange for one of its qualified technicians to conduct an onsite visit to diagnose and repair the Aries 113 UV printer. Subject to an additional service fee.
- **Replacement Aries 113 UV Printer:** If your Aries 113 UV printer fails to turn on or function correctly from the time of opening, DTF Station may elect to provide a replacement Aries 113 UV printer. Subject to an additional service fee. Customers are required to return their current printer, and DTF Station will facilitate this by providing a return shipping label.

## **F. Standard Exclusions**

This limited warranty does not cover damages caused by the following:

- Misuse, improper installation, improper maintenance, lack of use, neglect, and/or abuse of the Aries 113 UV DTF Printer.
- Improper shipping or packaging of the Aries 113 UV DTF Printer.
- Use of unsuitable or incompatible parts, media, supplies, software, peripherals, and/or accessories. The use of unauthorized third-party consumables and components, including but not limited to ink, film, and powder, will void any warranty offered for the Aries 113 UV.
- Service provided by a non-DTF Station authorized technician.

Please retain your proof of purchase for warranty claims.

For any warranty-related inquiries or to initiate a warranty claim, please contact your DTF Station dealer. This warranty policy is subject to change at the discretion of DTF Station.

By purchasing and using the Aries 113 UV DTF Printer, you acknowledge and accept the terms and conditions outlined in this warranty policy. Your satisfaction is our priority, and we are committed to providing you with a reliable and high-quality printing solution.



## **G. Dispute Resolution, Mandatory Arbitration, and Waiver of Class Actions and Class Arbitrations**

- 1. Dispute Resolution:** The provisions in this Section F apply to all disputes between you and DTF Station. The term "Dispute" encompasses any disagreement, claim, controversy, or legal action between you and DTF Station arising from or related to this Agreement (including its creation, performance, or violation), the Software, DTF Station Hardware, the parties' relationship, or any other transaction involving you and DTF Station. This includes contract disputes, warranty claims, misrepresentation, fraud, tort, intentional tort, statutory violations, regulatory violations, or any other legal or equitable basis. However, "Dispute" excludes claims for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and DTF Station also agree that a court, not an arbitrator, will determine if a claim is an IP Claim.
- 2. Initial Dispute Resolution:** Before initiating arbitration proceedings as outlined in Section F, you and DTF Station commit to attempting to resolve any Dispute informally for 60 days. If no resolution is reached during this time, either party may proceed with arbitration as per Section F(6). To notify DTF Station of a Dispute, please send correspondence to: DTF Station, email title ATTN: Legal Department, [info.dtfstation@gmail.com](mailto:info.dtfstation@gmail.com). The notification must include your name, address, contact information, details of the Dispute, and the remedy sought. Both parties agree to act in good faith to resolve disputes before resorting to arbitration per Section F(2).
- 3. Binding Arbitration:** If no mutually acceptable solution is reached within the 60-day informal resolution period described in Section F(2), either party may initiate binding arbitration. You and DTF Station agree to resolve all Disputes through binding arbitration under this Agreement. ARBITRATION MEANS YOU GIVE UP YOUR RIGHT TO A JUDGE OR JURY TRIAL IN COURT, AND YOUR RIGHTS TO DISCOVERY AND APPEAL ARE LIMITED COMPARED TO COURT PROCEEDINGS. This arbitration will be administered by JAMS, a nationally recognized arbitration provider, following the JAMS Streamlined Arbitration Rules and Procedures or its relevant code of procedures for consumer disputes, excluding any rules



permitting class arbitration (more details in Section F(6) below). You and DTF Station acknowledge that (a) the Federal Arbitration Act (9 U.S.C. §§ 1 et seq.) governs this Section F, (b) this Agreement pertains to interstate commerce, and (c) Section F will remain valid even after this Agreement terminates.

4. **Exception—Small Claims Court:** Despite the arbitration agreement, either party may pursue an individual action in the small claims court of their state or municipality if the claim falls within the court's jurisdiction and is exclusive to that court.
5. **Waiver of Class Action and Class Arbitration:** Both parties agree that they will bring Disputes against each other only in an individual capacity and not as class actions or class arbitrations. If any court or arbitrator deems the class action waiver in this paragraph unenforceable, or if arbitration can proceed on a class basis, the entire arbitration provision in Section F is nullified.
6. **Arbitration Procedure:** If either party initiates arbitration, it will be governed by the JAMS Streamlined Arbitration Rules and Procedures or applicable JAMS rules at the time of filing, excluding rules allowing for class arbitration. All Disputes will be resolved by a single impartial arbitrator, selected according to JAMS Streamlined Arbitration Rules and Procedures, who will adhere to the terms of this Agreement. The arbitrator, not any court or agency, will have the exclusive authority to settle Disputes regarding the interpretation, enforceability, or formation of this Agreement. The arbitrator may award remedies available in court, and arbitration costs may exceed litigation costs. Each party may retain legal counsel at their expense. The arbitrator's decision is binding and can be entered as a judgment in any competent court. You may opt for arbitration by phone or online with mutual agreement; otherwise, hearings will occur near your residence or in Orange County, California, at your discretion.
7. **30-Day Opt-out Right:** You have the option to exclude yourself from the mandatory, binding individual arbitration and class action waiver specified in Section F by sending a written letter to the DTF Station address in Section F(2) within 30 days of agreeing to this Agreement. This letter must contain your name, mailing address, and the request to be excluded from the arbitration and class action waiver in Section F. If you opt-out as described, all other



terms in this Agreement will apply, including the requirement to provide notice before litigation. DTF Station will also not be bound by these arbitration provisions if you opt-out.

8. **Amendments to Section F:** Despite any contrary provisions in this Agreement, you and DTF Station agree that if DTF Station modifies the dispute resolution and class action waiver provisions in this Agreement (except for changes to DTF Station's address), DTF Station will seek your affirmative agreement to the applicable amendment. If you do not agree, you consent to resolve Disputes between the parties according to the language of this Section F (or as provided in Section F(7) if you opted out when you initially agreed to this Agreement).
9. **Severability:** If any provision in this Section F is determined unenforceable, that provision will be severed, leaving the remainder of this Agreement in full effect. This exception does not apply to the class action prohibition in Section F(5). Therefore, if Section F(5) is unenforceable, Section F (but only Section F) will be void.

## **H. Remedies and Disclaimer of Warranties**

The warranty and remedy detailed above are exclusive and replace all other express or implied warranties, including but not limited to, merchantability, fitness for a particular purpose, and non-infringement. Some jurisdictions do not allow the exclusion of implied warranties, so these limitations may not apply to you.

Statements or representations made by any other person or entity are void unless stated in this Agreement. Some states do not limit the duration of implied warranties, so these restrictions may not apply to you.

## **I. Exclusion of Damages; DTF Station's Maximum Liability**

In no event shall DTF Station or its affiliates be responsible for any special, incidental, or consequential damages, including lost profits, substitute equipment costs, downtime, third-party claims, or property damage resulting from the use or inability to use the DTF Station product, regardless of whether based on breach of warranty or any other legal theory. In no event shall DTF Station or its affiliates' liability exceed the



original retail purchase price of the product. Some states do not permit the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

#### **J. Other Provisions**

1. **Other Rights You May Have:** This limited warranty grants specific legal rights, and you may possess additional rights that vary by jurisdiction. Some jurisdictions do not permit the exclusion or limitation of incidental or consequential damages, so the limitations or exclusions in this Agreement may not apply to you.
2. **Governing Law:** Except for disputes subject to arbitration under Section F, the law of your state or country of residence will govern any