PYD Life

Prepare for the

WoW!

DTF
PRINTER

USER MANUAL

DTF PRINTER FEATURES

Film Control Panel
Temp. Control Panel
Ink Tank Cover
DTF Film
Power Switch

Film Output Tray
Film Heating Board
Waste Ink Tank
Ink Tanks
Film Roll Holder
USB Cable Port
Power Cable Port
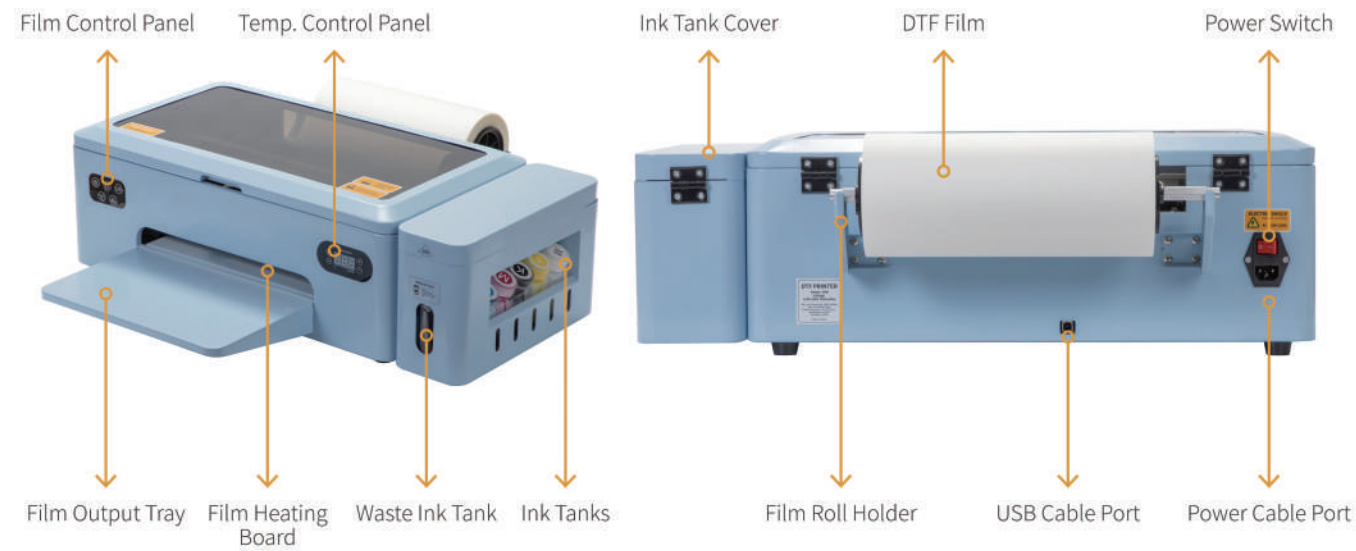
Printing Speed	1440dpi/10min	Printing Color	CMYK+WW	White Ink Output	Supports white and color printing
Printing Head	1390	Ink Consumption	10.75 ft²/5ml	Ink Type	Pigment Ink
Max. Print Width	11.8in/30cm	Power	35W	Printing Resolution	2880 x 2880dpi
Operation System	Windows 7/8/10/11	Ink Supply Mode	CISS	Net/Gross Weight	45.2lbs/61.75lbs / 20.5kg/28kg

ACCESSORIES

Film Output Tray
Film Roll Holder
Film Core Adapters
Film Roll Bar
Ink Syringes

5 x Funnels
2 x Ink Cartridges
DTF Ink Tube
Disposable Gloves
10 x Cleaning Swabs

Cleaning Cloths
Motherboard Cable
USB Flash Drive
Power Cord
USB Cable

INSTALL FILM TRAY

① Line the tray up with the front of the printer.

② Attach the tray hooks to the openings in the front of the printer.

INSTALL FILM ROLL HOLDERS

① Remove 8 screws on the back of the printer.

② Screw the film roll holders into place.

③ Put the rotation axis in place and test whether it can rotate smoothly, if not, adjust the distance between the two support feet.

INSTALL FILM ROLL

① Run the film roll holder through the core adapters and the film roll.

② Secure the roll bar on the film roll holders.

③ Open the front cover and feed about 3"/8cm of film into the printer.

④ Move the last 2 slides to the left.

⑤ Line the film up with the right side of the printer.

⑥ Using the side screws, tighten the roll core adapters into place to secure the film roll.

NOTE: Load film print side up
Print side is coated with white powder

INSTALL INK COLLECTION PAD
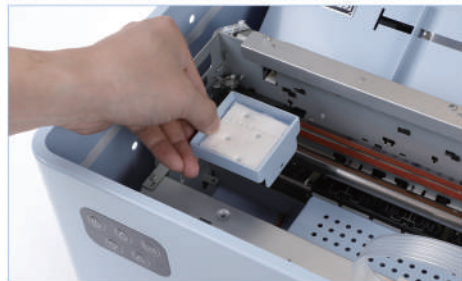
① Unwrap ink collection pad and open printer cover.
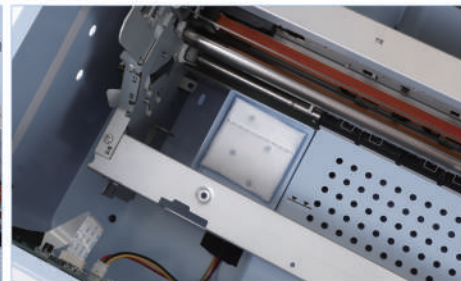
② Places ink collection pad into square opening and close printer cover.

FILL INK BOTTLES

NOTE : Gently shake ink bottles before filling

① Unscrew and fill ink bottles one at a time.

② Use a funnel to add ink to the matching color bottles.

③ Fill ink bottles ¾ full only, then screw cap on.

NOTE: Do not over tighten ink bottle to ensure ink flow is not interrupted

FILL INK LINES AND CARTRIDGES

① Open the printer cover.

② Secure printer cover using side supports.

③ Remove each cartridge one at a time.

④ Insert the needle of an empty ink syringe into the fill hole of the cartridge.

⑤ Slowly pull the plunger of the syringe back until the tube and cartridge are filled with ink.

⑥ Remove excess ink from the syringe, clean the needle and repeat Steps 4-5 for the remaining cartridges.

NOTE: Replace or clean the needle when pulling different color ink

SET UP WASTE INK TANK
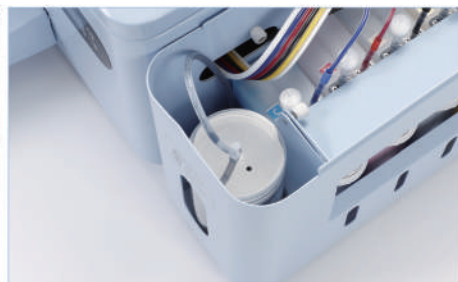
① Open ink tank cover.

② Remove the waste ink tank.

③ Remove waste ink tank cover, attach end of waste ink line to syringe and slowly pull back on the plunger until ink comes through into syringe.
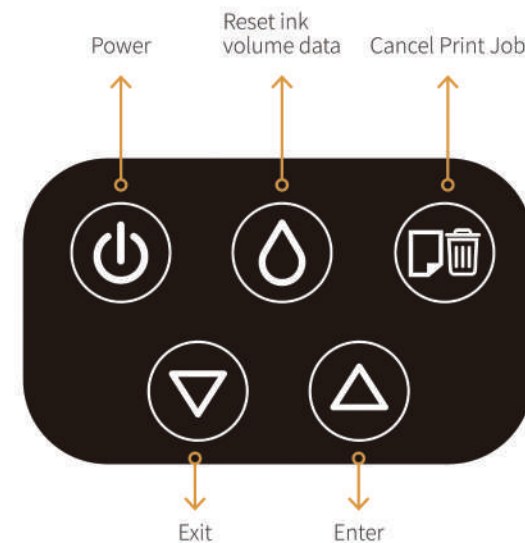
Congratulations the printer assembly is complete. Lets move to the next step.

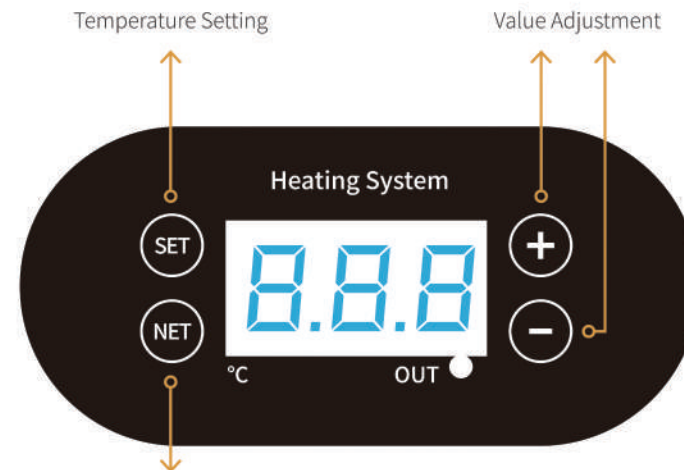④ Place waste ink line back into the tank and screw on the cover.

PRINTER CONTROL PANEL

Power

Reset ink volume data

Cancel Print Job

Temperature Setting

Value Adjustment

Heating System

SET

NET

°C   OUT

Exit

Enter

Heating System Power
NOTE : Press button for 3 seconds to turn On / Off

Reset Ink Levels:
When printing outpaces the printer's ink limit, a red light flashes and halts printing. Simply keep pressing this button until the red light turns off to resume printing.

Instructions:
1 . Turn the printer on.
2 . Press "SET" to enter the temperature setting mode.
3 . Press "+" and "-" to adjust the temperature.
4 . Press "SET" again to save the settings.

NOTE : The printer default temperature is 40°C /104F

CONNECT TO A PC

1. Plug in the power cord and turn on the power switch.

2. Connect the printer USB cable to the computer.

3. Press power button on front panel of printer.
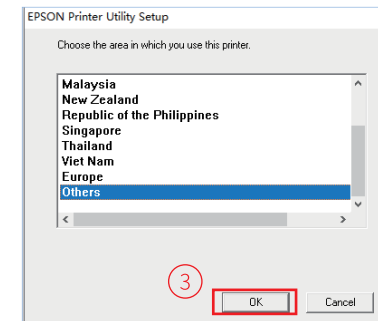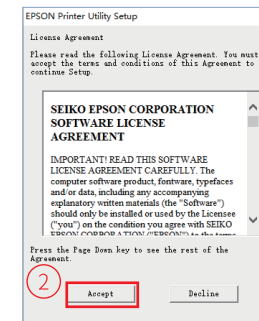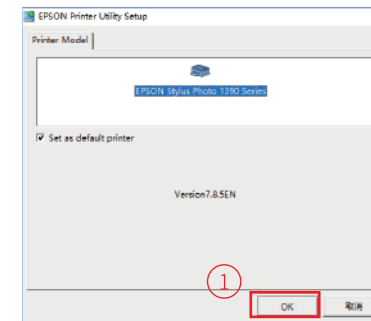
INSTALL DTF PRINTER SOFTWARE

Acrorip.zip

Setup.exe

Setup.exe

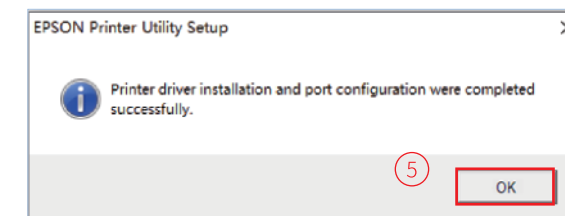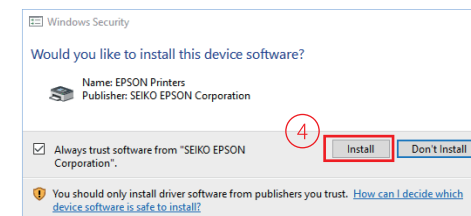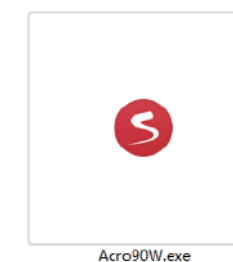**1.** Plug the USB drive into your computer and make sure the two files above appear in that folder.

2. Double-click "Setup"to install.

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3. The program will begin to install automatically. Follow the onscreen prompts.
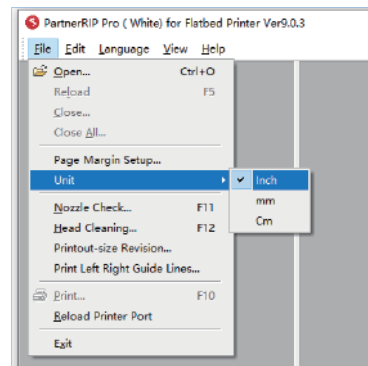

4. After the installation is complete , a software icon will appear on the screen, double-click to open and run the software.
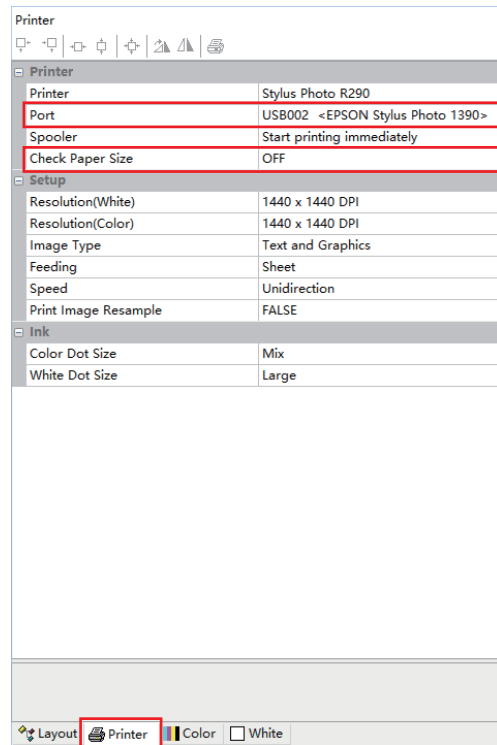

Acro90W.exe
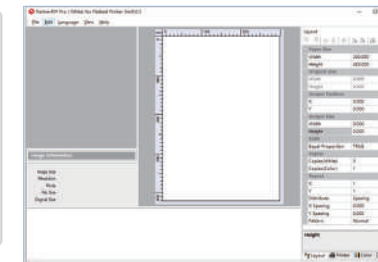
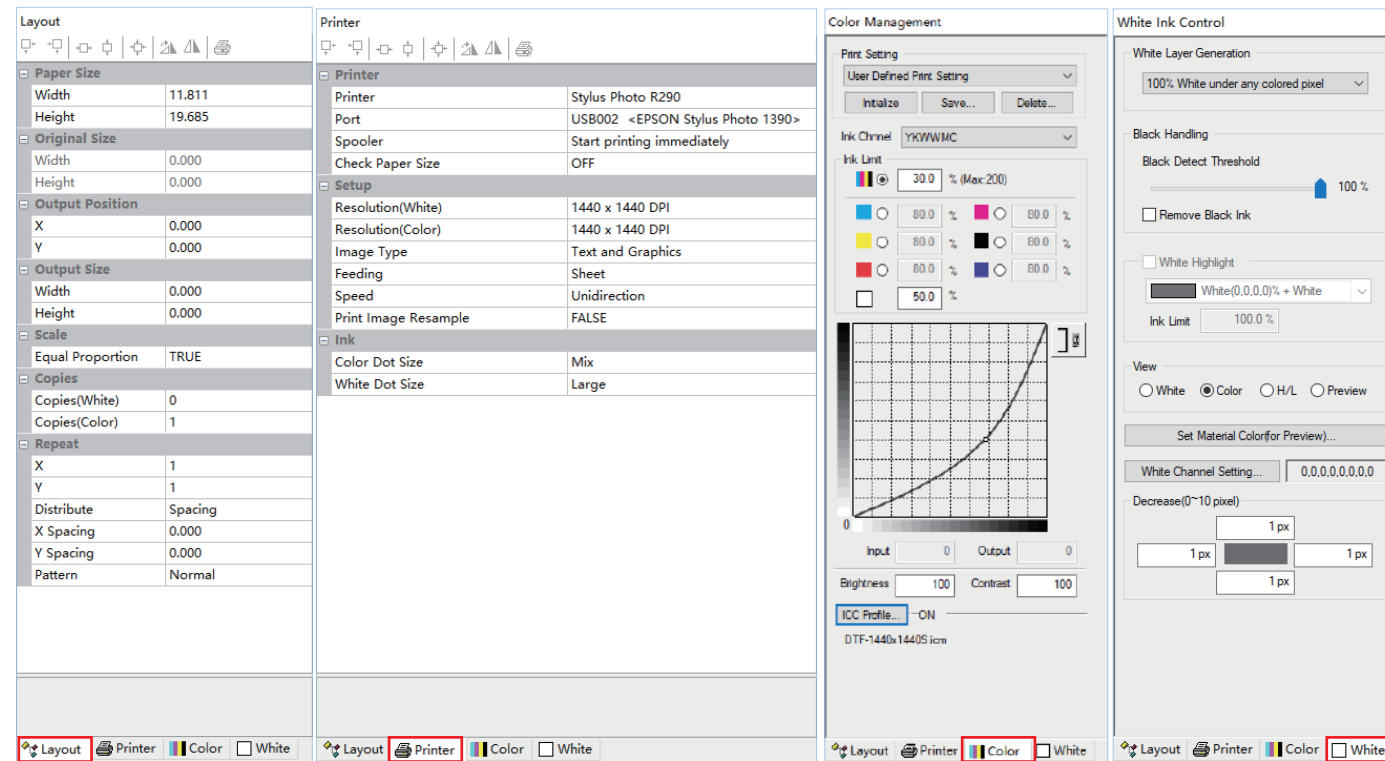# ADJUST YOUR PRINTER SETTINGS
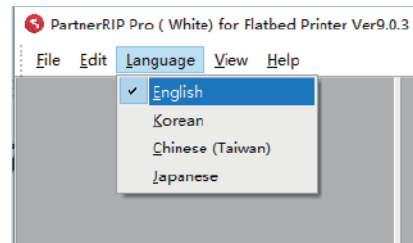
1. Select the desired language.

2. Select the desired unit of measurement.
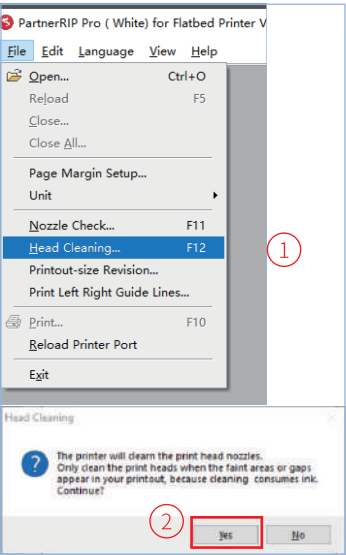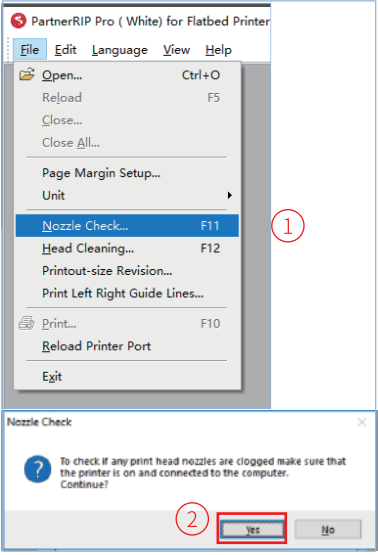

3. Set up the printer parameters as shown above.

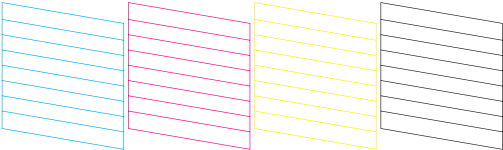4. Other parameters can be set as default parameters, as shown above.

PREPARE PRINTER FOR PRINTING

1. After installing the printer for the first time, you need to clean the print heads. Click "File" and select "Head Cleaning".
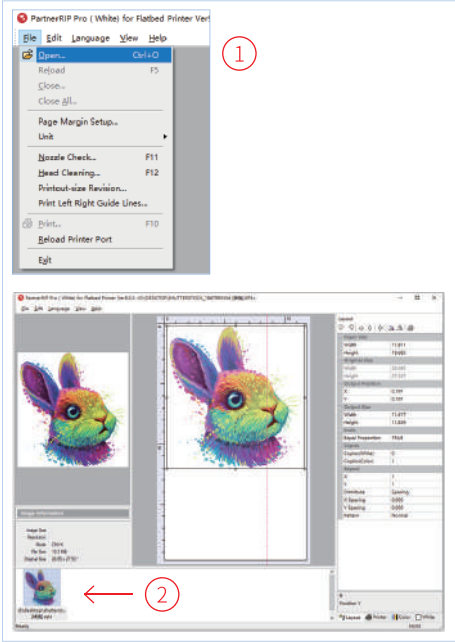
2. Load a white sheet of paper into the printer and click "File" then select "Nozzle Check".

3. The printer will automatically print the above pattern to check the condition of the nozzle; if the lines are incomplete then you will need to continue cleaning the print head, if the lines are complete then the printer is ready.
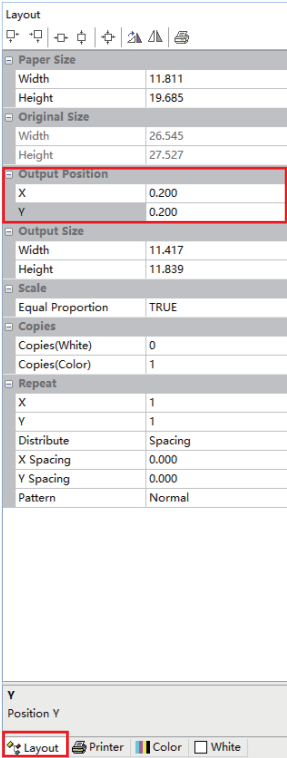
LOAD AND PRINT DESIGNS ON ONE PAGE

1. Click "File" and select"Open".
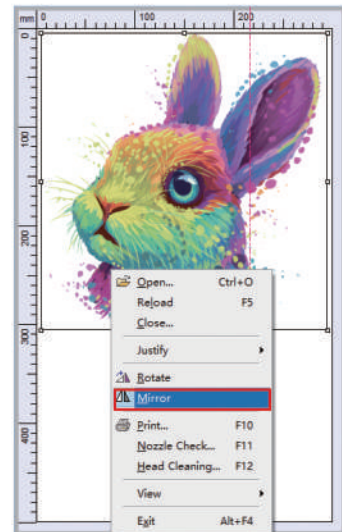The following formats are supported: JPG, PNG, TIF, EPS, PDF, and PSD.
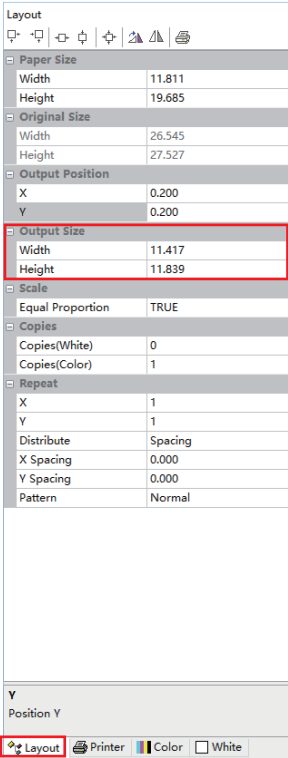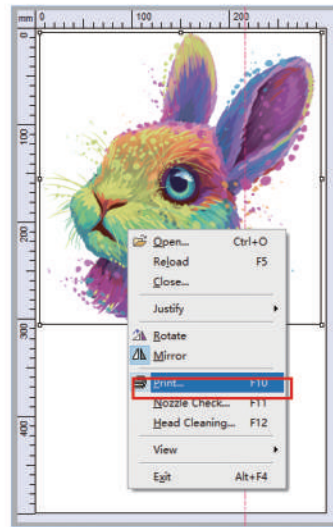
2. Adjust the output size in the layout panel.

3. Adjust the output position of the X and Y to 0.2"/ 5mm.

NOTE: If the image is too close to the edge of the film it will impact the output
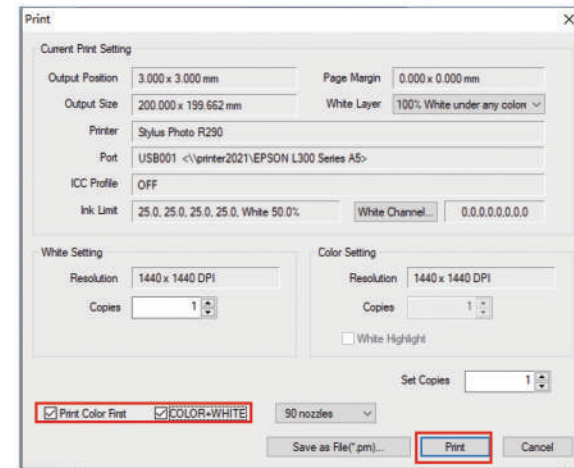
LETS PRINT !

4. Right-click on the image and select "Mirror" to mirror the image.

5. Right-click on the image and select "Print".

6. When the pop-up window appears, adjust to the settings listed above and then click "Print".

PRINTING A T-SHIRT

1 Feed the film into the printer.

2 Turn printer on.

3 Press the ▽ button and pull the film to the marked location.

4 Print the design from your PC.
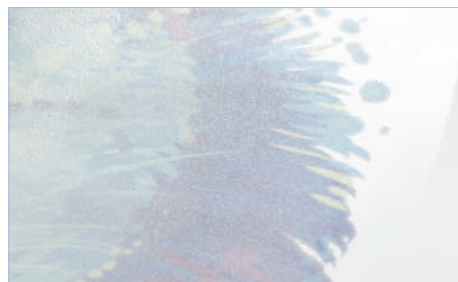

5 Cut out the printed image from the print tray.

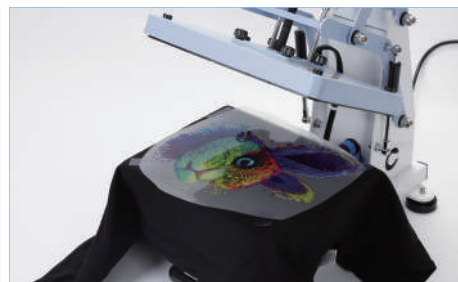6 Over a pan, sprinkle the heat melt powder over tho back of the film design and spread evenly.

PRINTING A T-SHIRT

7 Place film inside a sublimation oven or under a heat press until applied powder melts.
RECOMMENDED: 240 °F / 120°C for 5 minutes

8 The powder should have a frosty appearance on the back of the design once it melts.

9 Tape the printed film on the t-shirt face up and press at 320 °F for 20 seconds.

**10** Cold Peel: Allow film to cool, peel film away slowly.

11 Enjoy your creation.

PRINTING RECOMMENDATIONS AND NOTES:

1. **TRANSFER COATING:** Sprinkle powder evenly on the printed DTF film immediately after printing, and heat it to melt (230-248 °F /110-120°C , 5 minutes).
2. After drying the pattern, it is recommended to transfer within 7 days, or 2 days if your climate is humid.
3. **COLD PEEL:** Allow film to cool, peel film away slowly.
4. **TRANSFER:** Time and Temp: recommended range from 300-320 °F (150-160°C) for 15-20 Seconds (substrate dependent).
5. **IMPORTANT:** Keep printheads in good condition by using your printer every two days or at least once a week .
6. **ALWAYS:** Keep the printer power on. This allows the white ink to circulate automatically, maintaining the white printhead's condition.

RESETTER SOFTWARE

When the printer reaches a certain number of prints and cannot continue printing. You can use the software to reset the printer chip counter and continue printing.
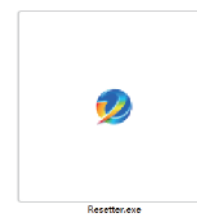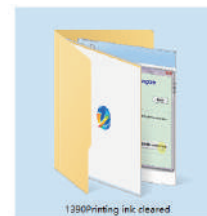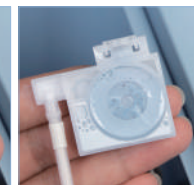

1. Find the software on the USB flash drive.
   <1390 Printing ink cleared>

2. Open the software and follow the video instructions.
   <Resetter.exe>

MAINTENANCE

When the printer is powered off for a long time, if the white printhead is clogged and the white ink cartridge shows separation, follow the steps below to maintain the printhead in optimal condition.

Normal   Ink Separation

1. Draw ink from all ink cartridges and waste ink tank with a syringe according to the instructions on page 6-7;
2. Clean the white ink cartridge connectors (as shown at right);
3. Perform the "Head Cleaning" program on the software.