

**DTF-L1800-FUSION**

**MODEL J**

**USER MANUAL**

**BY DTFPRO**



Date	Version	Language
03/01/2021	1.00	ENG



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## WARNING:

**THIS PRODUCT HAS BEEN DESIGNED FOR PROFESSIONAL USE ONLY.**

THE INFORMATION CONTAINED HEREIN IS VERY IMPORTANT  
FOR PROPER INSTALLATION, OPERATION, MAINTENANCE AND  
SAFETY CONCERNING THE USE OF YOUR SYSTEM.

**IT IS RECOMMENDED THAT ALL THE STAFF THAT WORK WITH AND / OR WHO ARE  
RESPONSIBLE FOR THE USE AND MAINTENANCE OF THE SYSTEM CAREFULLY READ  
THIS MANUAL AND BE FAMILIAR WITH THE NECESSARY PRECAUTIONS,  
OPERATIONAL AND MAINTENANCE PROCEDURES.**

# GENERAL SAFETY PRECAUTIONS

Make sure to read this information before setting up the machine and keep it handy for future reference. Do not attempt to use the machine in any way that is not described here or in the accompanying manuals. Misuse may result in unexpected accidents, fires, or electric shock.

**The following are instructions that, if ignored, could result in serious personal injury. These instructions must be followed for safe operation of the machine.**

## CHOOSING A LOCATION

- Do not place the machine close to flammable solvents such as alcohol or thinners.
- Do not install the machine in a location that is unstable or subject to excessive vibration.
- Do not install the machine in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.
- Do not place the machine on a thick rug or carpet.
- Do not place the machine with its back attached to the wall.

## POWER SUPPLY

- Use the power cables included with the machine.
- Connect the machine to the specified power source(s).
- Never attempt to plug in or unplug the machine from the power supply when your hands are wet.
- Always push the plug all the way into the power outlet.
- Never damage, modify, stretch or excessively bend or twist the power cord. Do not place heavy objects on the power cord.
- Never plug the machine into a power socket that is shared with other equipment (extension lead/cord, 2- or 3-way adapter, etc.).
- Never use the machine if the power cord is bundled or knotted.
- If you detect smoke, unusual smells or strange noises around the machine, immediately unplug the machine at the power supply and call for service.
- Periodically, unplug the machine and use a dry cloth to wipe off any dust or dirt collected on the plug and the power outlet.
- If the machine is placed at a location exposed to a lot of dust, smoke, or high humidity, the dust collected on the plug absorbs moisture and may cause insulation failure and fire.
- If you hear thunder, disconnect the power supply of the machine and refrain from using it. Leaving the machine plugged in may cause fire, electric shock, or damage to the machine, depending on the thunder storm.

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord. Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.

## CLEANING THE MACHINE

- Always unplug the machine from the power outlet before cleaning the machine.
- Use a damp cloth to clean the machine. Never use flammable solvents such as alcohol or thinners.
- If flammable solvents come in contact with electrical components inside the machine, it could cause a fire or electric shock.
- If you accidentally switch the machine on while cleaning it, you could injure yourself or damage the machine.

## MAINTAINING THE MACHINE

- Do not attempt to disassemble or modify the machine. There are no user serviceable parts inside the machine.
- The machine contains high-voltage components. Never attempt any maintenance procedure not described in this information.
- Do not connect other than recommended devices to a connector on the machine (the cable connector or the USB port etc.). It could cause a fire or electric shock.

## WORKING AROUND THE MACHINE

- Do not use highly flammable sprays near the machine. This could cause a fire or electric shock if the spray comes into contact with electrical components inside the machine.
- This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please move away from this product and consult your doctor.

- Never put your hands or fingers in the machine while it is printing. When moving the machine, carry the machine at both ends with two people. Accidental dropping of the machine can cause personal injury and damage to the machine.
- Do not place any object on the machine. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the machine.
- Be careful to prevent foreign objects from entering the inside of the machine.
- If any foreign objects (metal or liquid) fall into the machine, press the power button to turn the machine off, unplug the power cord, and call for service.
- Do not transport or use the machine on a slant, vertically or upside-down, as the ink may leak and damage the machine.

#### **PRINT HEADS, INK TANKS AND CARTRIDGES**

- Keep ink tanks out of the reach of children.
- Do not swallow.
- In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a Print Head or cartridges after printing. The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and cartridges into fire.
- Do not attempt to disassemble or modify the Print Head, ink tanks and cartridges.

#### **EUROPEAN UNION (AND EEA) ONLY.**

This product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type

of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.

(EEA: Norway, Iceland and Liechtenstein)

# GENERAL INFORMATION

## PRODUCT DESCRIPTION

The DTF-L1800-J printers are based on inkjet technology for use on specialized PET film. With high print speeds and exceptional resolution, the DTF-L1800-J can print high-quality photos and vector graphics using RIP Software.

To make sure you get all the benefits from your DTF-L1800-J please read all the pages that follow.

When performing TEST PRINTS, you can print directly to regular paper, by feeding the paper just like you would a regular printer.

## IDENTIFICATION

*Brand:* **DTF**

*Model :* DTF-PRO-L1800-DTF MODEL J

## GENERAL WARNINGS

- The minimum age of staff / operators is 18 years. Keep away from children or untrained operators.
- All persons involved in the use and maintenance must have read and understood this manual.
- Persons under the influence of alcohol or drugs must not operate, or service the product.
- Any faults that may arise should be reported immediately. In case of anomalies that may affect personal safety, the product must not be used until the fault is cleared.
- During operation and maintenance wear personal protective equipment as instructed and follow all safety instructions according to the regulations.

# WARRANTY

## WARRANTY PERIOD

The printing system is warranted to be free from manufacturing defects under the conditions described in the following paragraph, for a period of 12 months from the date of purchase.

The materials of DTFPRO are warranted to be free from defects in material workmanship. DTFPRO cannot be held responsible for the misuse of its products (such as improper handling or printing methods, utilizing non- genuine DTFPRO <sup>™</sup> inks) or any other improper use by customer. The customer is required to use the equipment as prescribed in this manual.

DTFPRO <sup>™</sup> cannot be held responsible for:

- Loss or damage to goods occurring during transport;
- Damage or defects in the goods caused by any act, neglect or default on the part of the Customer or third parties;
- Damage resulting from defects in the goods caused by defects in materials or workmanship, if not objected in writing within 8 days after delivery of the goods.

The replacement of defective material during the first twelve months from the date of purchase of the machine will be borne by DTFPRO <sup>™</sup> except for damage or otherwise not dependent on manufacturing defects.

The warranty excludes consumable or wear/tear parts such as print heads, cartridges, ink, wiper, dumpers, pipes, pumps and caps.

## RESPONSIBILITY

The total liability of DTFPRO <sup>™</sup> cannot, in any case, exceed the value of the defective, damaged or not delivered goods, calculated on the basis of the prices charged on the invoice. DTFPRO <sup>™</sup> cannot be held liable for damages of any kind arising from failure to fulfill its obligations due to force majeure (strikes, accidents, disasters, etc ...). In such cases, the Buyer shall not be entitled to any compensation.

## LOSS OF WARRANTY

Warranty voided in the event of any of the following:

- Disassembly or modifications to the printer of any kind (including electrical, mechanical, hydraulic, pneumatic, etc.);
- Use or maintenance of the printing system other than as intended or indicated in these instructions;
- Use of unsuitable materials and inks or cleaning fluids that are not genuine DTFPRO <sup>™</sup>;
- Insufficient monitoring of parts subject to wear/tear;
- Damage as a result of voluntary or involuntary maintenance of machinery and equipment located in the vicinity of the product;

DTFPRO <sup>™</sup> assumes no liability for tangible and intangible assets to persons and / or property, the warranty becomes void immediately and certifications / declarations of conformity are no longer valid.

## JURISDICTION

Any dispute will be referred to Los Angeles County, CA, USA.

The terms shall be construed expressly accepted without reservation

# INSTRUCTIONS FOR USE

## PREVENTION OF MISUSE REASONABLY EXPECTED

- Do not place any objects other than print media provided on the floor of the press;
- Do not place any object on the printer, especially while it is operating;
- Do not remove the power supply and do not turn off or unplug the printer while it is printing or while a computer is configuring the printer or sending files
- To turn on and turn off the printer using the power switch;
- Disconnect the cables always taking them from the body of the connectors, never pulling the strings
- Do not force the print media not in accordance with the provisions of the normal operation of the printer;
- Do not use media other than those specified;
- Do not expose to electromagnetic fields of high intensity;
- Do not expose to temperatures and / or humidity outside the allowable range;
- Do not subject to vibration and / or mechanical shock outside the allowed range;
- Do not spill liquid on the printer and / or handling system of the media;
- Inspection and repair should be performed by trained personnel as recommended by DTFPRO - tampering, improper use, repairs and / or action taken by anyone not authorized by DTFPRO void the warranty

## CAUTIONS ON USING THE MANUAL

This Operation and Maintenance Manual provides basic information for using the printer DTFPRO L1800. It describes how to remove the printer from the box, select and load print media, install the RIP printing (optional) on your computer and choose the software settings for the best printing results. The Operation and Maintenance Manual is an integral part of the product and must be retained. A copy should be stored in a place protected from all agents that can damage and accessible for easy reference.

DTFPRO <sup>TM</sup> implements a policy of continuous development and improvement. DTFPRO reserves the right to make changes and improvements to this manual and / or product specifications without notice. Therefore, the contents of this manual and specifications of the product described herein are subject to change without notice and without obligation.

Reproduction, transfer, distribution or storage of part or all of the contents of this document in any form is prohibited unless prior written approval from DTFPRO .

## READ THIS FIRST

The safety instructions are intended to prevent injury and damage to both the product and the environment. All operators are required to read and constantly observe these safety instructions.



## DISCLAIMER

The company DTFPRO <sup>™</sup> assumes no responsibility

- For any personal injury and property damage, environmental and / or operating arising from incomplete or non-compliance with operating and maintenance instructions
- If you are experiencing personal injury, property damage and / or faults caused by misuse of the products and / or aftermarket parts and / or different from those recommended in the specific operating and maintenance or DTFPRO .

# PREPARING THE PRINTING SYSTEM

## WHERE TO PLACE THE PRINTER

This printing system must be placed in a dedicated environment, air-conditioned throughout the year between 60 ° F and 80 ° F, with relative humidity controlled between 30% and 60%, non-condensing, away from direct sunlight sun, dust and dirt, vibration-free, protected from mechanical impact and / or shock. Daily, accurate maintenance must be performed on this printing system, using the appropriate accessories and detergents / cleaning.

## INSTALLING THE PRINTER

### UNPACKING

Open the box with the printer. This printer is shipped in parts. With the help of a person gently remove the different parts from the box, following the instructions on this manual for the setup and use of the printer.

***KEEP THE PRINTER BOX FOR FUTURE  
TRANSPORT.***

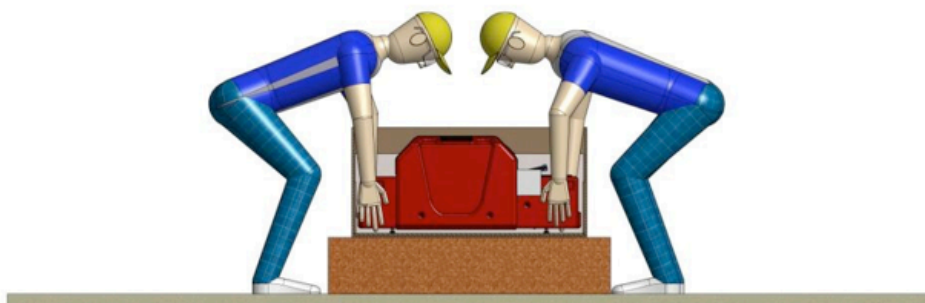


REMOVE THE PRINTER FROM THE BOX AS SHOWN IN THE PICTURE BELOW.

RIMUOVERE LA STAMPANTE DALLA SCATOLA COME MOSTRATO NELLA FIGURA.

DÉPLACER L'IMPRIMANTE DE LA BOÎTE COMME INDIQUÉ DANS L'IMAGE CI-DESSOUS.

REMOVER LA IMPRESORA DE LA CAJA COMO ESTA INDICADO EN EL DIBUJO SIGUIENTE.



## MATERIALS

Products provided with the printer.

- Printer with CISS tanks
- Vacuum
- Maintenance Bottle
- WIMS – White ink Management System integrated with Ink system
- Roll Feeder
- Vacuum

## TANK INSTALLATION

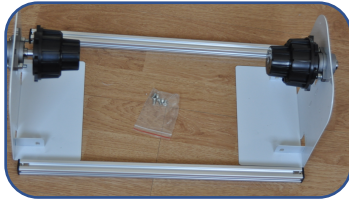
The tanks should be installed in the following order. Remove caps from bottles and using a funnel, pour the correct colored DTF liquid ink as follows:



**CHECK PERIODICALLY THE INK LEVEL INSIDE THE MAINTENANCE TANK – WHEN  $\frac{3}{4}$  FULL, EMPTY AND WASH IT WITH WATER, THEN INSERT IT BACK IN THE SAME POSITION MAKING SURE THAT THE TUBE IS INSERTED IN THE BOTTLE. FILL YOUR INK TANKS WITH INK WHEN THEY ARE  $\frac{1}{4}$  EMPTY.**

## ROLL FEEDER SETUP

The Roll Feeder is comprised of 2 rods, 2 rod brackets as 4 reel screws.

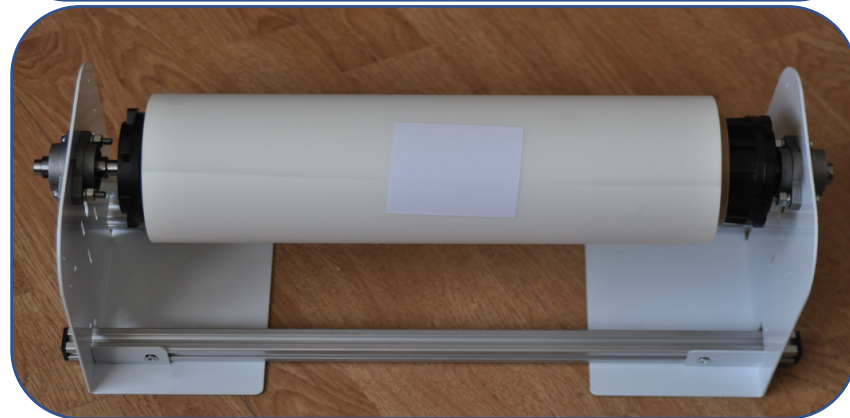


First set each of the rod holders, 1 on the left and 1 on the right, then pass the 2 rods through the holes and center them. Once centered, screws are screwed into place by hand, proceed and insert the roll film in between the reels and tighten into place.

Once all parts installed together the Roll feeder should look like the below.



Without Roll film



With Roll film

# WIMS – INSTALLATION

The white ink management system is already installed in your printer. In order to power the WIMS you need both the Black and the White switches to be set to ON.

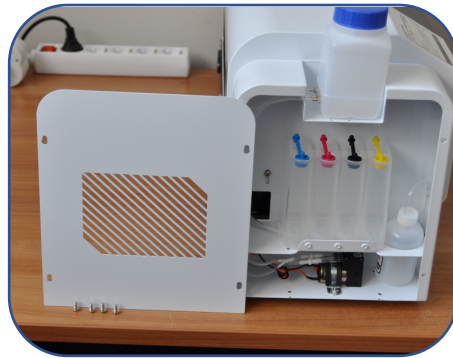
**DO NOT SET THESE TO ON UNTILL AFTER YOU HAVE FILLED AND PRIMED ALL THE DAMPERS**

(NOTE) Before Powering on the WIMS – You need to have INK already installed in the White container at the top of the printer.

## BEFORE TURNING ON THE PRINTER

Before powering on the printer:

- 1) Remove the cover on the left hand side of the printer by removing 4 screws – exposing the ink tanks



4 screws removed

- 2) Proceed and refill each color using the correct ink by DTFPRO with the use of a plastic Funnel (not included)



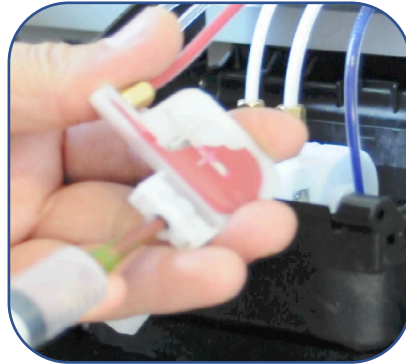
- 3) Disengage the Breather holes after filling all colors





- 4) Now you will need to remove each damper and prime each one using a Syringe and 14" Gauge

Disengage the respective Ink tank Damper and use a Syringe to insert at the bottom and draw back on the plunger in order to suck the air out and fill the damper with ink to 99% full. Be Extra careful when handling the dampers so that you do not squeeze them on their sides but remove them by wiggling them front and back.



For a detailed explanation on how to Prime the dampers, please look at [https://www.dropbox.com/s/gyoq4y5i81ace06/DSC\\_0031.AVI?dl=0](https://www.dropbox.com/s/gyoq4y5i81ace06/DSC_0031.AVI?dl=0)

Once all the Dampers have been primed with ink proceed, reinsert all dampers into place. Now insert the 4 screws on the left hand side of the printer and put the cover back on the machine.

## TURNING ON THE PRINTER

Controls of the printer are as follows:

1. Blue square switch = Primary power
2. Red circular switch powers the printer module on and off
3. Blue circular switch = Paper button
4. White circular switch = Ink button
5. Green circular switch = Roll button



Connect the Power cable to the electrical outlet and then to the printer.

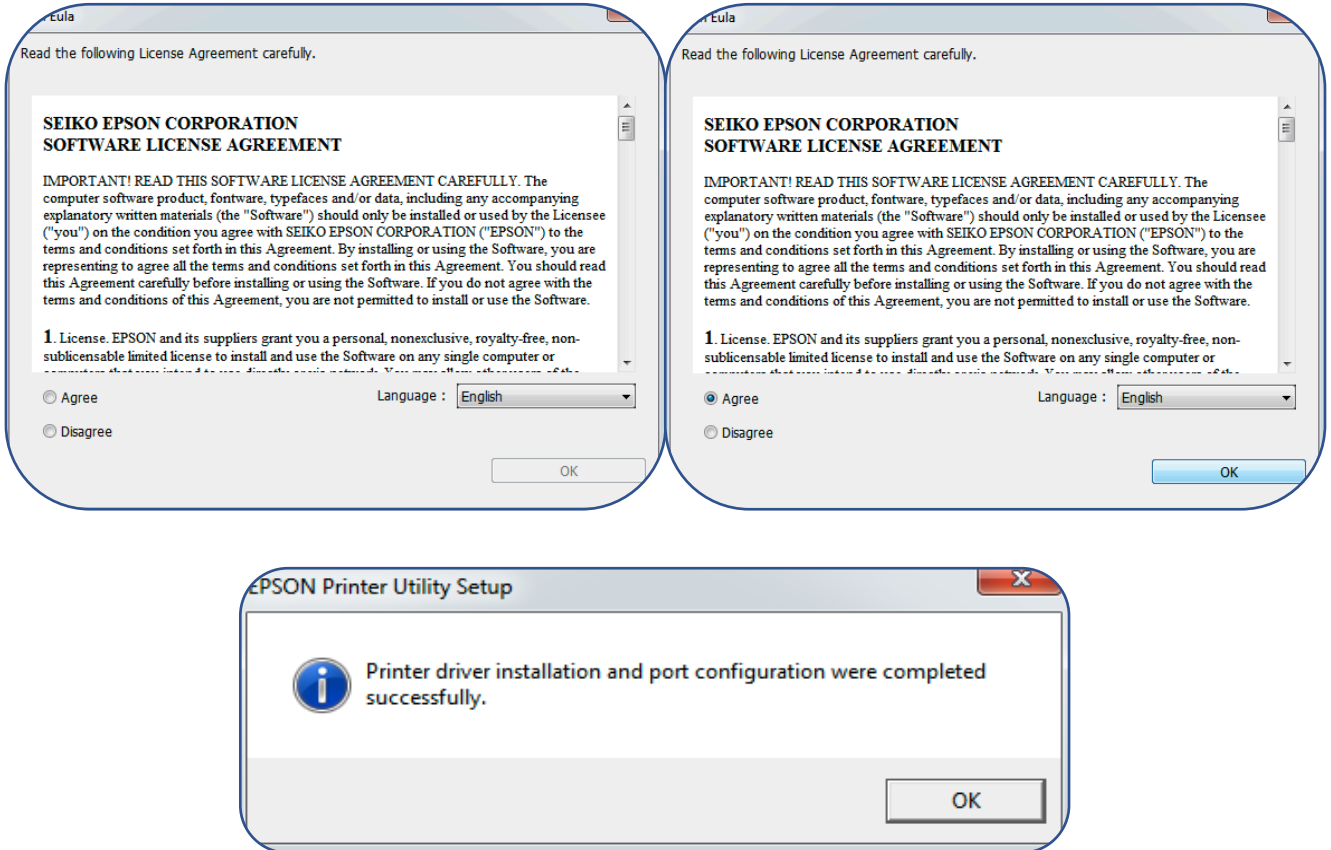
Before powering on the printer using the Blue square switch, **connect both the USB cables to your computer and to the unit at the back**. Now Power on the printer by switching the Blue square switch to ON, then press the Red circular switch to power on the Printer.

Connect the USB cables to the PC – There are 2 connections

# DRIVER INSTALLATION

The drivers to be installed are for the “Epson 1390” and can be downloaded at the following portal.  
[https://www.epson.com.sg/Stylus-Series/Epson-Stylus-Photo-1390/s/SPT\\_C11C655081?review-filter=Windows+10+64-bit#panel-drivers-1-1](https://www.epson.com.sg/Stylus-Series/Epson-Stylus-Photo-1390/s/SPT_C11C655081?review-filter=Windows+10+64-bit#panel-drivers-1-1) and select your Windows system and download the driver.

Download the Drivers and Install. – select Agree and OK



You will also need to install the drivers for the R1800. These drivers are needed for the Roll software. These drivers can be found below by selecting the correct Windows Operating System.

Epson Stylus Photo R1800 printer driver Windows 32 bit [Download](#) (15.54 MB)  
Stylus Photo R1800 printer driver Windows 64 bit [Download](#) (16.02 MB)

Install the printer using Manual settings and using COM1 as the Port

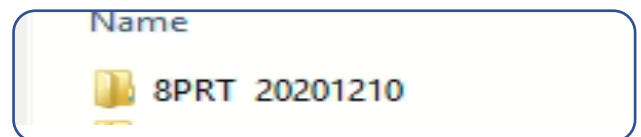
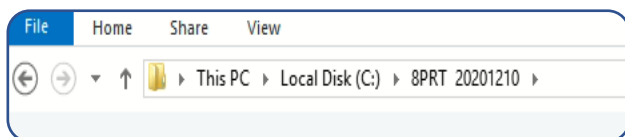
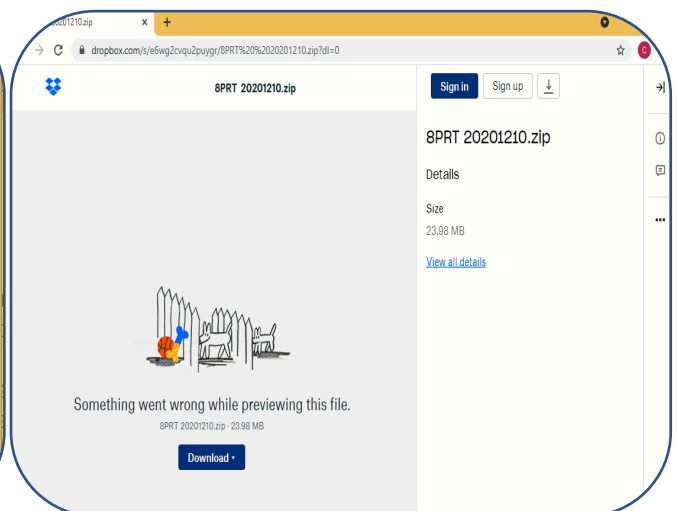
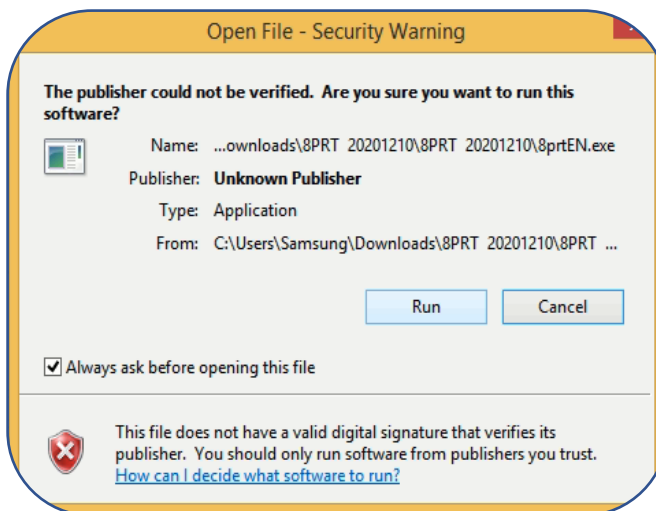
# PRINTING USING ROLL

## NOTE:

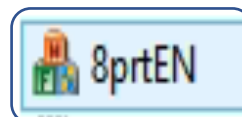
**DOWNLOAD THE ROLL SOFTWARE TO USE THE ROLL SYSTEM WHICH IS ALREADY EMBEDDED IN YOUR PRINTER (2<sup>ND</sup> USB PORT)**

<https://www.dropbox.com/s/e6wg2cvqu2puygr/8PRT%20%2020201210.zip?dl=0>

Once you have downloaded the software, it needs to be added to your C drive. Do not leave as a folder in your downloads or desktop. Run All programs as an Administrator.

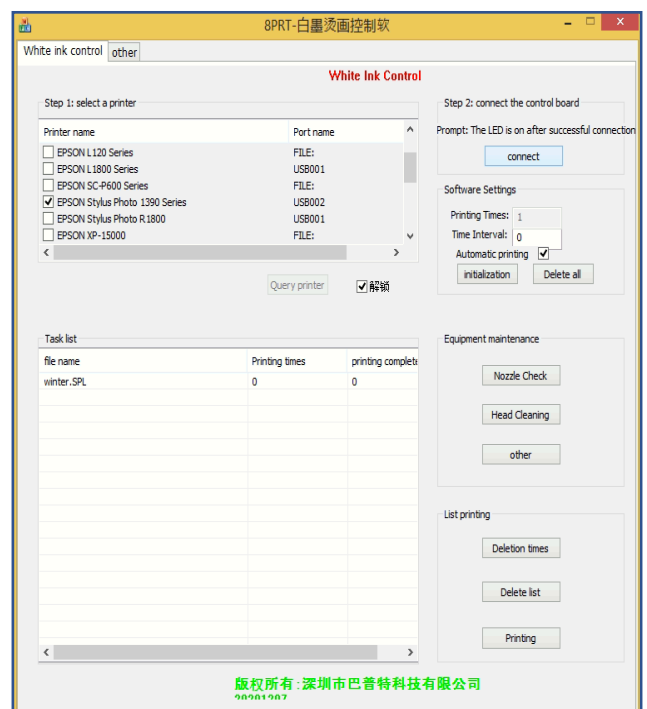
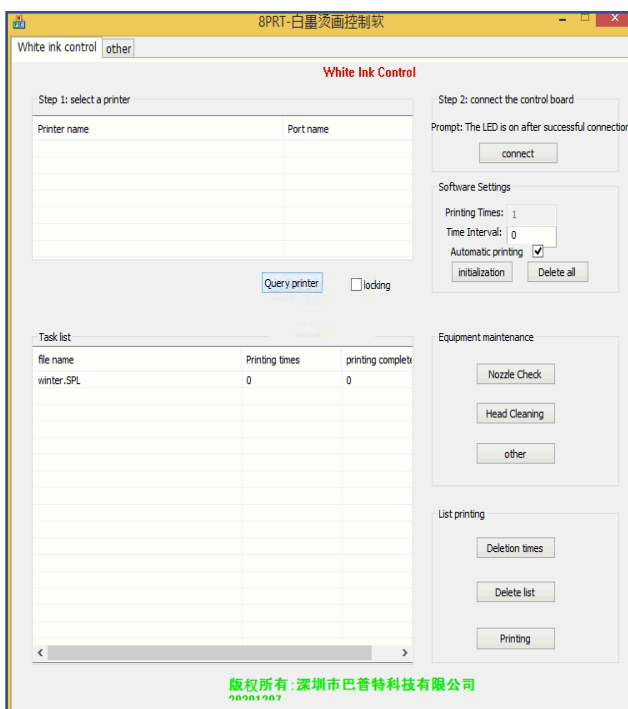


Open the File 8PRT 20201210 and then open the file 8prtEN



Now select Query Printer

Choose Epson 1390 and then select Locking



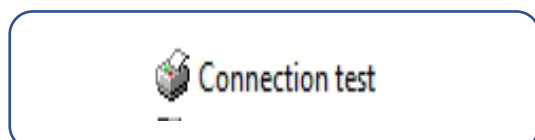


In Step 2 Press the Connect button in order to Sync with the printer. Once done the Green light will light up:

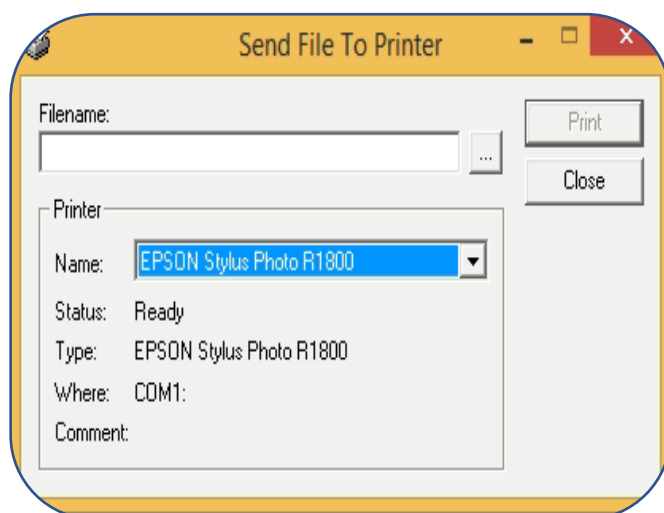


IMPORTANT: Each time you open this program you need to Press the Connect button in Step 2, regardless if the Green button is on. If you leave the program open then you do not need to press it.

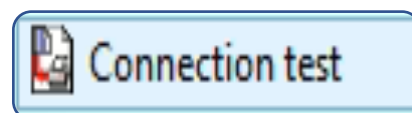
Now open the Connection Test (the one which without the red Background)



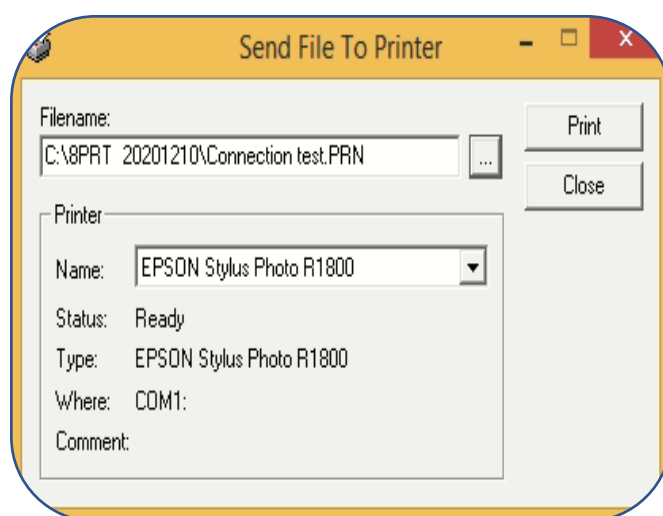
Now select R1800 in the Name



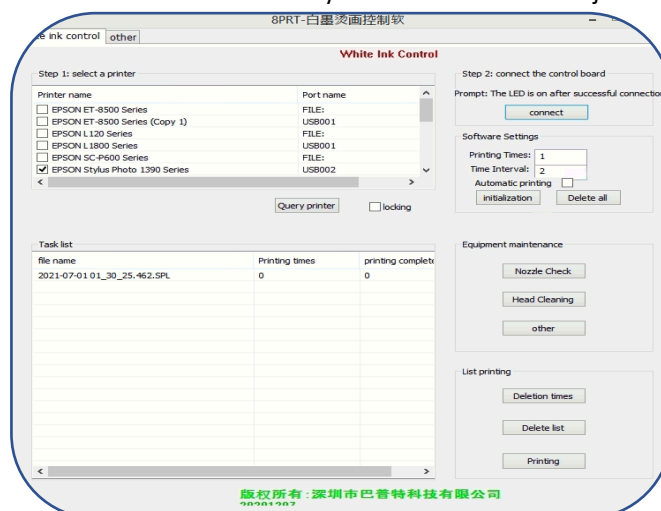
And Select ... in Filename – Then select



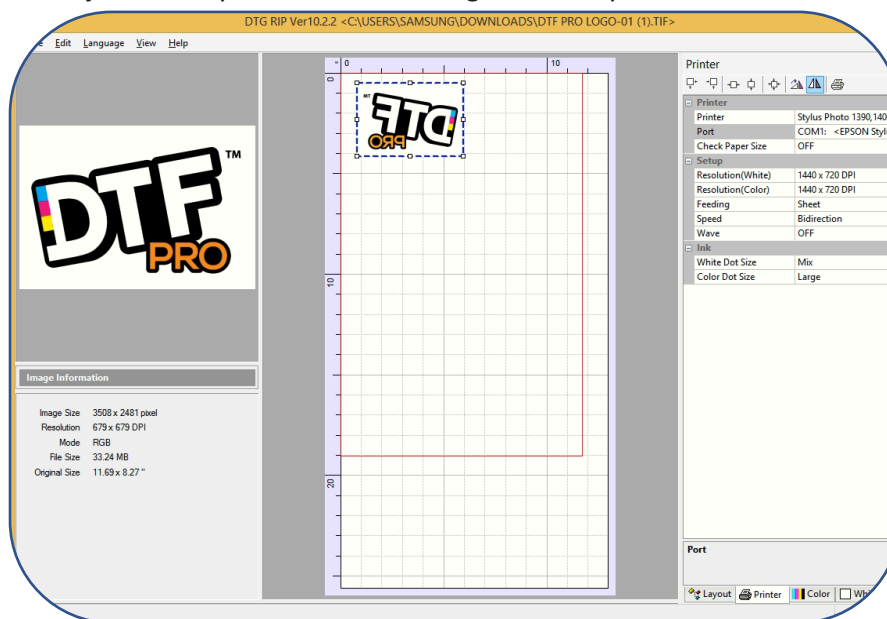
And click Open



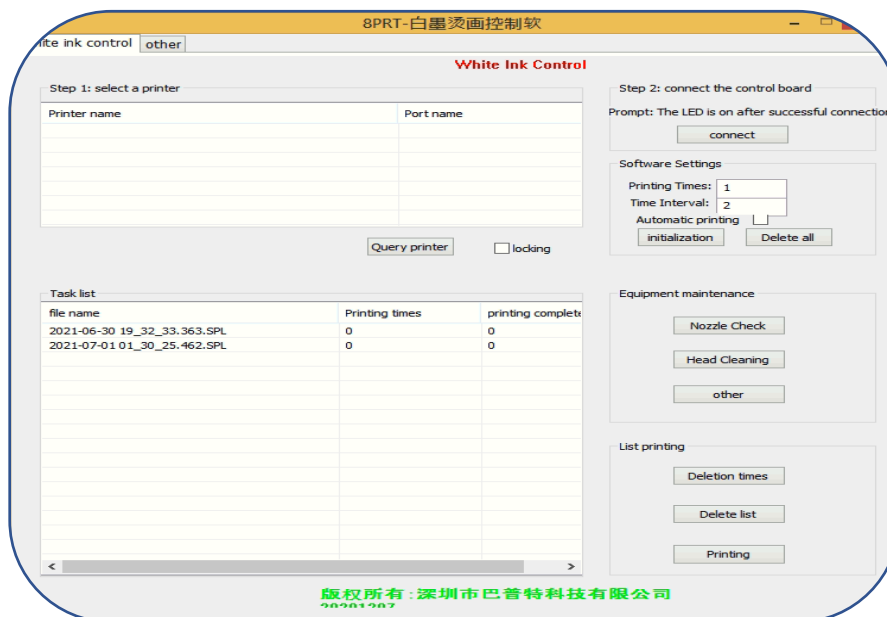
Press Print and the 1<sup>st</sup> print will result in an Error  
Press Print again and the 2<sup>nd</sup> time will also result in Error BUT you will also have now a job in Roll



You can now send jobs directly to the Queue through Acro10 by



The result will be another Job in the Queue – Remember to use Sheet if you are printing with the Roll system and the R1800 port.

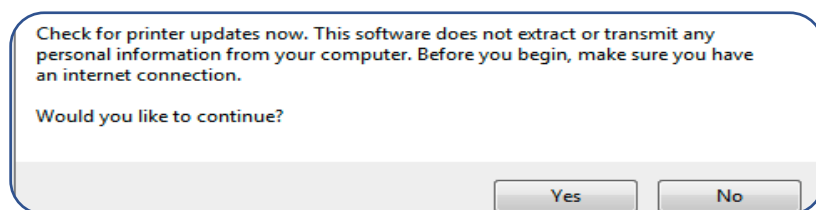


You can now select Printing times by double clicking and inserting the number of times you would like the same image printed. When you are finished then select Printing in the bottom right hand corner. The printer will start printing.

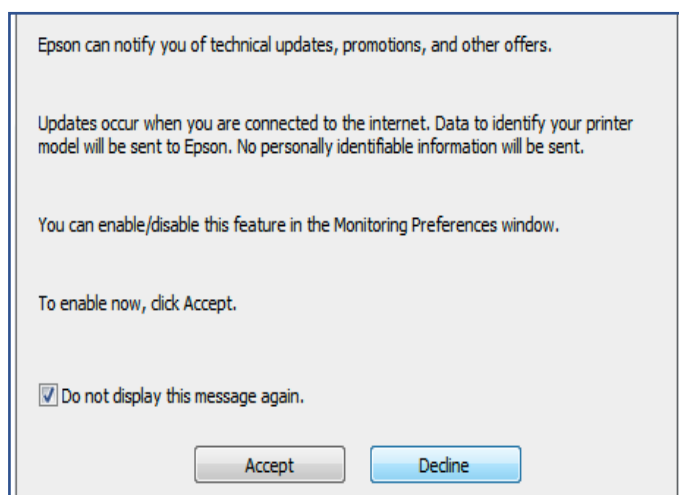
If you are using Acro10 to print to the Printer directly without the Use of Roll system then you will need to select Paper Type = Roll Feed and select the 1390 Port

**Ink levels as shown below will not show accurate information – You need to monitor the actual Amount ink in the Bottles in order to make sure that they don't go empty.**

**Do not update your firmware. Select No to Software Update.**



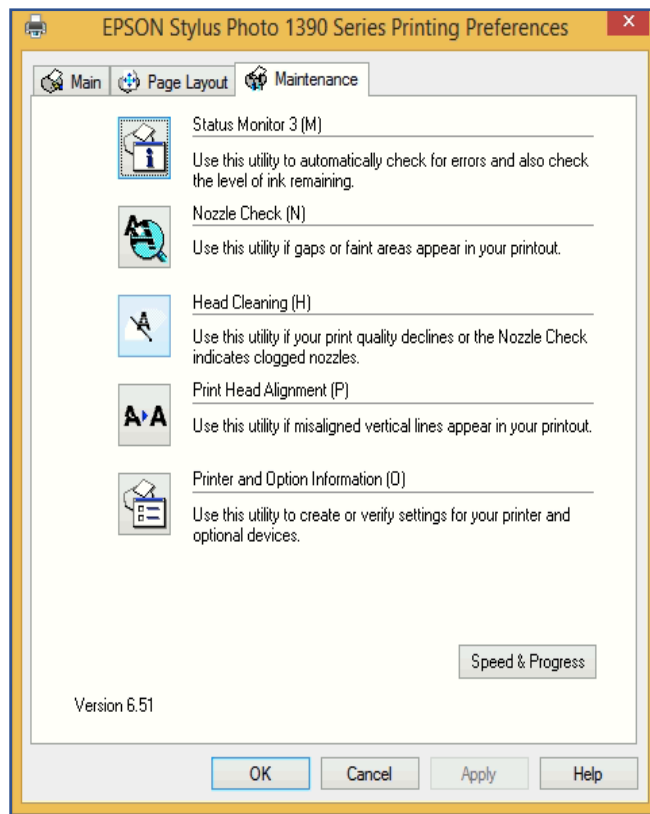
**When the printer is in use, you may get alerts such as the one below, click on “Do not display this message again” and then “Decline”.**



# MANUAL INK CLEANING PROCEDURE

## Perform each morning

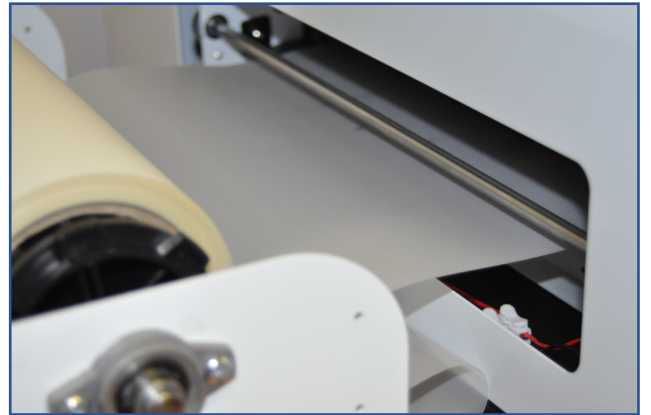
Press and Hold the Ink button continuously for 7 seconds then release. This will run a cleaning cycle. You can also run a cleaning cycle by going to Maintenance in the printer properties and Selecting Head Cleaning.



## GET READY FOR PRINTING

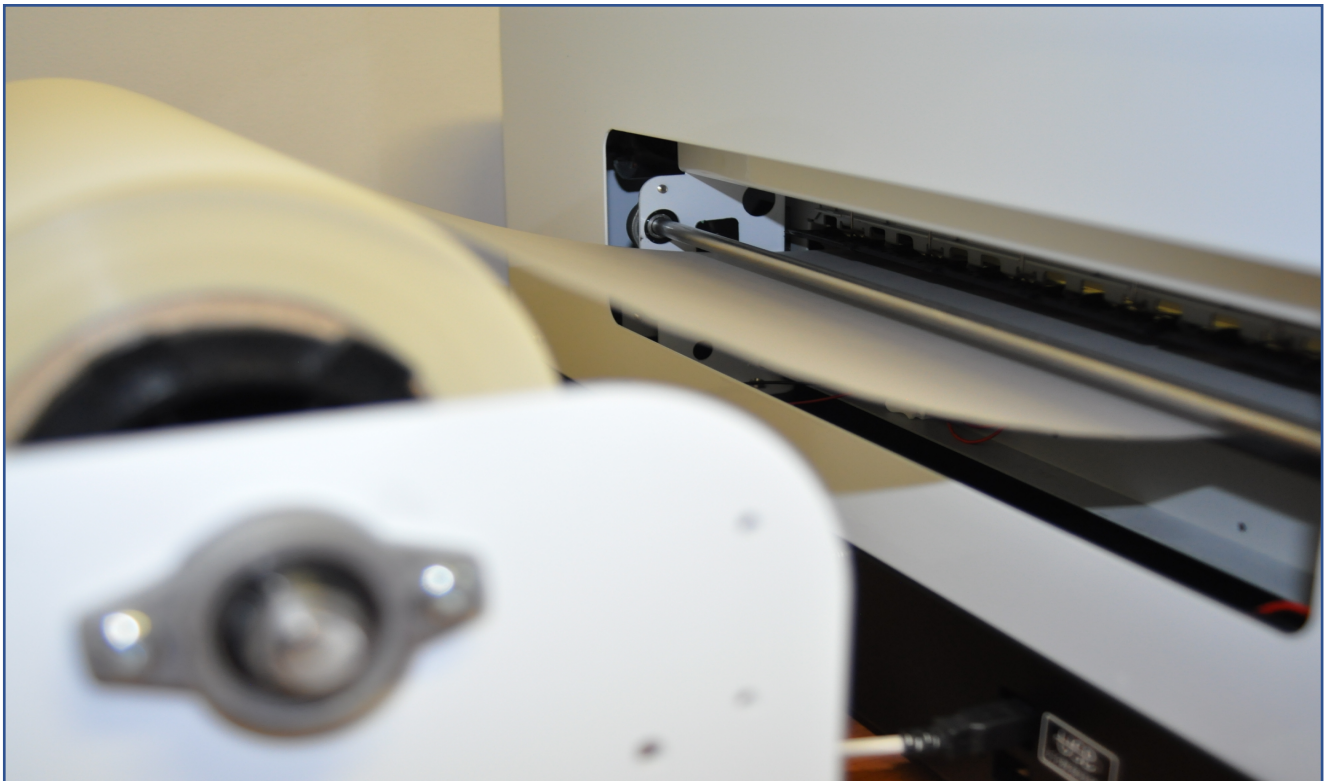
Feed the film into the back of the printer (underneath the Roller) and in line with the left Axis of the printer paper feeder

Now you can use the 2 Green buttons in the front of the paper to Feed the paper IN and OUT



If your film is Matte and Glossy then you will need to print to the Matte side.

If your film is Double Matte then the Top side of the Film is the Printable side. You cannot print to both sides.



# DO NOT STOP THE PRINTING SYSTEM UNLESS NEEDED

If you have selected an image to be printed – if it is a small file it is recommended that you leave the printer finish the print. Cancelling the print job will result in an error which will need the printer to be powered off then back on and then reloading the media from the beginning. When you power off the printer the Roll will need to be removed prior to powering on because the printers rollers will move about 2m of film and give a paper error.

*If you choose to press cancel print and stop the printer – you will need then to:*

- 1) Power the printer off
- 2) Delete any jobs and reset the printer by removing the film and delete any jobs in the printer Queue
- 3) Power the printer on
- 4) Follow procedures for Loading a media to print

## EMERGENCY STOP

If you have to proceed with the emergency stop of the printer, Use the Big Blue power switch in the front of the printer.

We recommend that unless it is an absolute necessity to cancel the print job to let the print job finish. It is much easier to discard 1 file rather than to reset up the paper/roll.

# MAINTENANCE

Following these simple steps daily will ensure that your printer lasts longer and help you achieve optimal performance with little to any down time from your DTFPRO L1800 Model J printer.

## DAILY ROUTINE

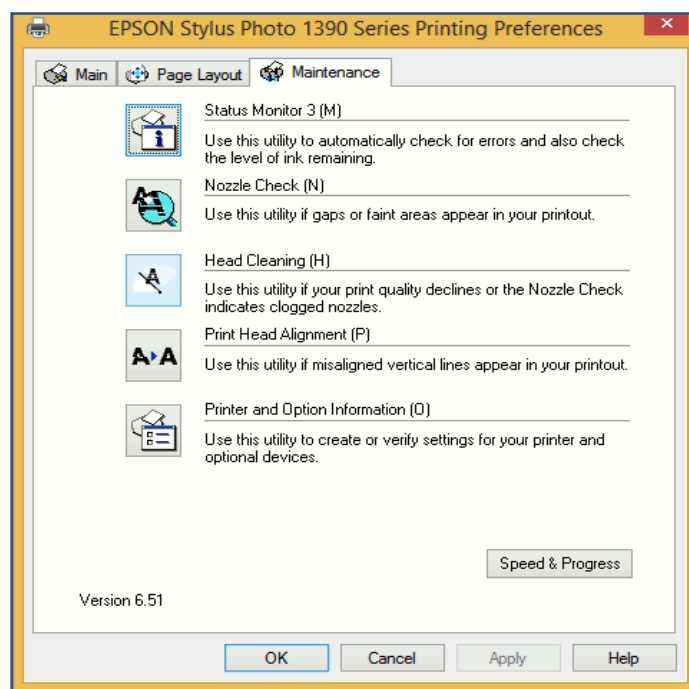
- When you come in the morning you will need to give your White ink bottle a little shake. White ink if not used will settle and the Sediment (titanium) will sink to the bottom. Shaking the bottles is always a good idea in order to stir up the sediment.
- Perform nozzle checks and head cleaning at the beginning of the day if your nozzle check is not more than 90% or has more than 2 missing spots, and proceed with a head cleaning
- Controls for Maintaining the White Ink Management System (WIMS) Black button and white Button set to ON

## PERIODIC MAINTENANCE

- Empty the maintenance tank placed when tank is  $\frac{3}{4}$  full
- Manual Flush of print heads may be needed in event of clog that cannot be resolved with regular cleaning cycle
- Never Flush with your head in the printer – you would need to remove the head and then flush

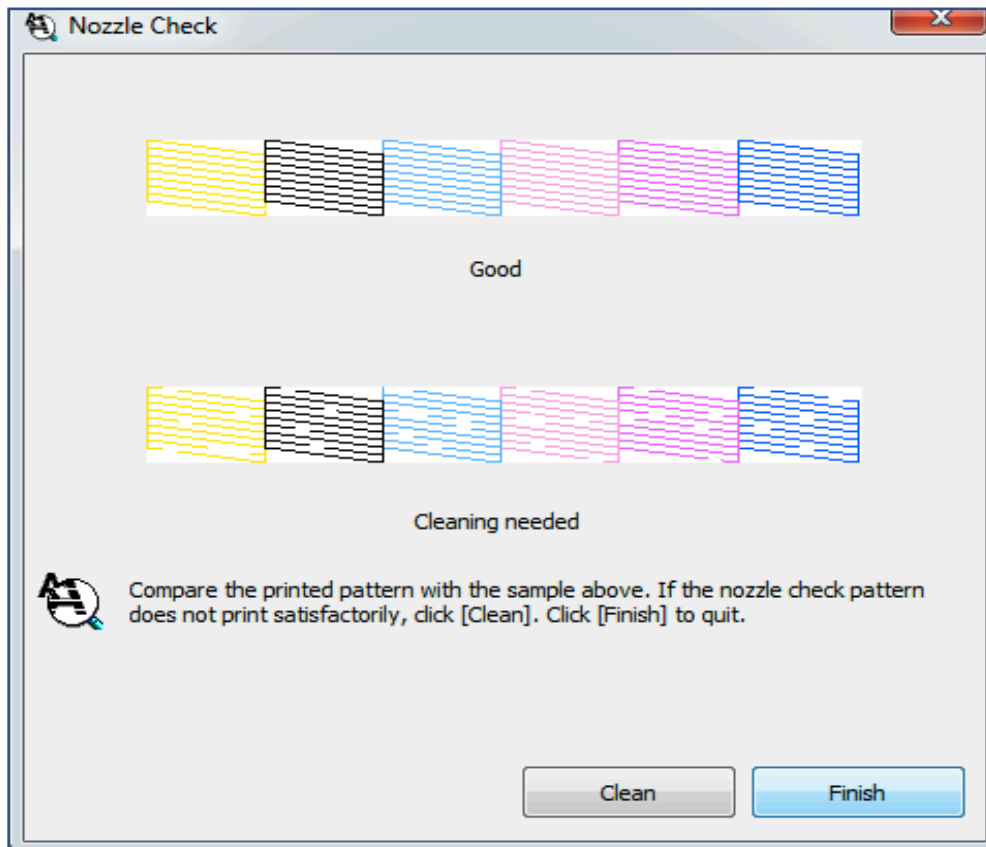
## HOW TO PERFORM A NOZZLE CHECK

Select Nozzle Check utility on Windows printer driver and then select Start



Below are two sample nozzle check patterns.

Compare the quality of the printed check page with the sample shown below. If there are no print quality problems, such as gaps or missing segments in the test lines, the print head is fine.



If any segment of the printed lines is missing, as shown below, this could mean a clogged ink nozzle or a misaligned print head.

## HEATING ELEMENT OR HEATER / OVEN

After you have powdered the image proceed to use the Heat element/Heater/Oven.

If you are using the Heater Element then set the temperature between 100-120C for approximately 30 seconds to 1 minute. Max temperature to be 140C if you are using a heating element

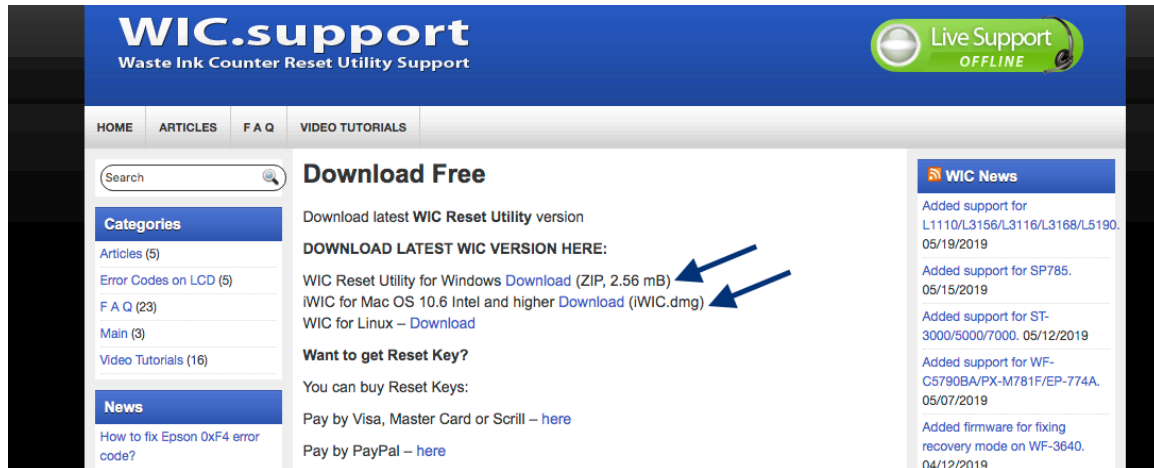
If you are using an Oven then insert the sheet face up. Close the oven door and bake at 180C for 10 seconds



# HOW TO RESET WASTE PADS

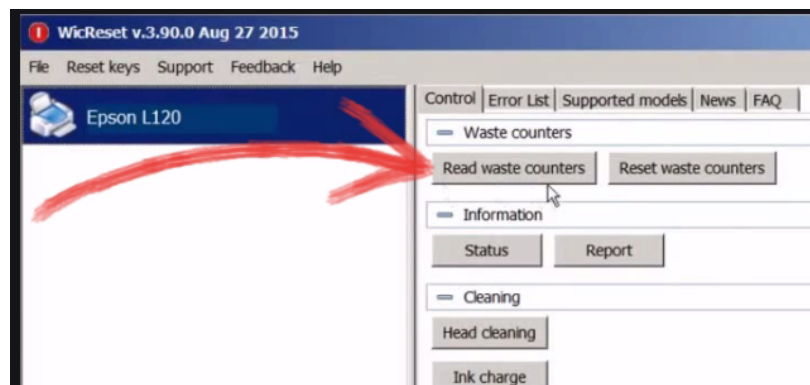
Download the Wic-reset program found here: <https://www.wic.support/download/>

Step 2. Click Windows or Mac depending on which type of computer you have



Step 3. Install the program and save it to your desktop.

Step 4. Once the program opens – Select the printer on the left Tab and click “Read waste counters” button



Step 5. Purchase a reset key available at:

[https://www.2manuals.com/product\\_info.php?cPath=56\\_92&products\\_id=1138&ref=32](https://www.2manuals.com/product_info.php?cPath=56_92&products_id=1138&ref=32)

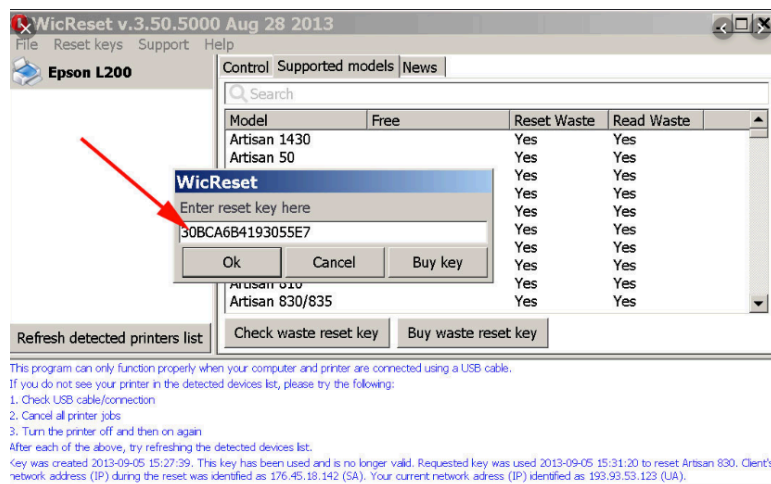
EPSON Adjustment Programs » WIC Reset Utility » RESET\_KEY

RESET KEY for the WIC Reset Utility - One Key for One Reset

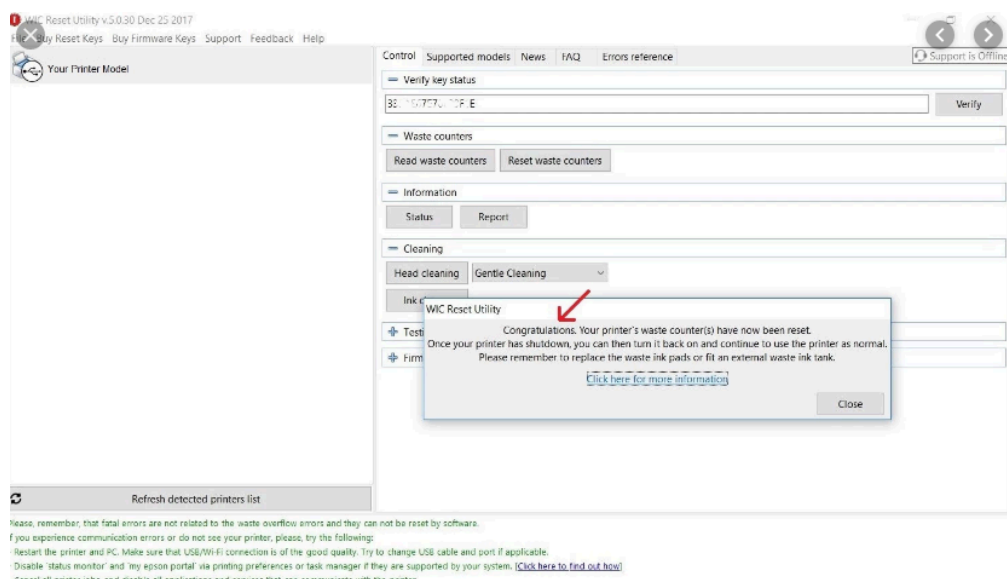
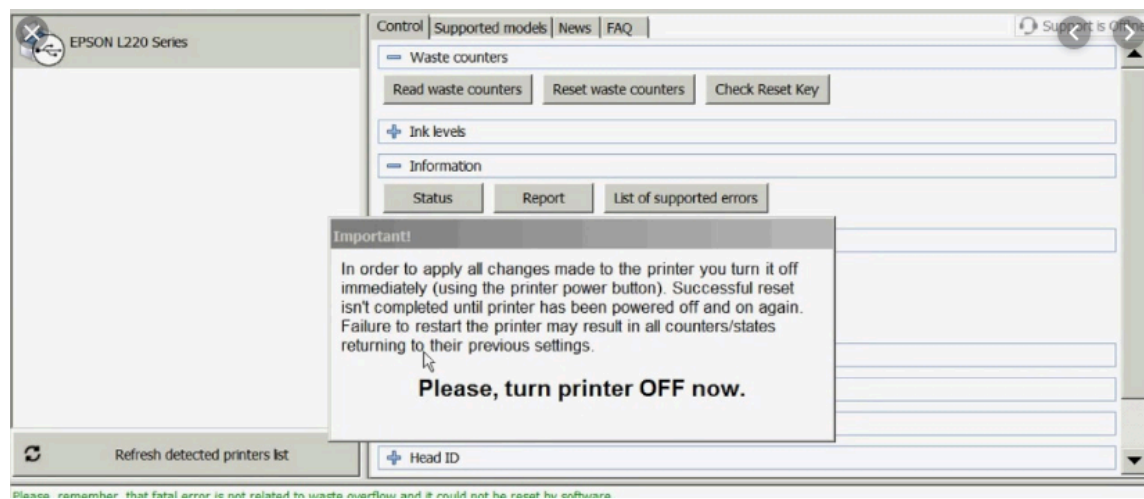
1 KEY	2 KEYs	5 KEYs	10 KEYs	25 KEYs
\$9.99 Per key	\$8.99 Per key	\$6.99 Per key	\$5.99 Per key	\$3.99 Per key
---	Save: \$2	Save: \$15	Save: \$40	Save: \$150
Total: \$9.99	Total: \$17.98	Total: \$34.95	Total: \$59.90	Total: \$99.75
Buy	Buy	Buy	Buy	Buy

Step 6. Purchase a Reset key 1 or 2 keys etc.

Step 7. Click “Reset Waste counters” to insert the reset key which you should have received from your email. And then OK.



Step 8. The program will prompt you to power off the printer (in the front)



Step 9. Make sure that the tray is all the way back before powering on

Step 10. Power on in the front and the printer pads have been serviced and reset.

## CLEANING THE PRINT HEAD

If you find that the printout is unexpectedly faint or that dots are missing, you may be able to solve these problems by cleaning the print head, which ensures that the nozzles are delivering ink properly.

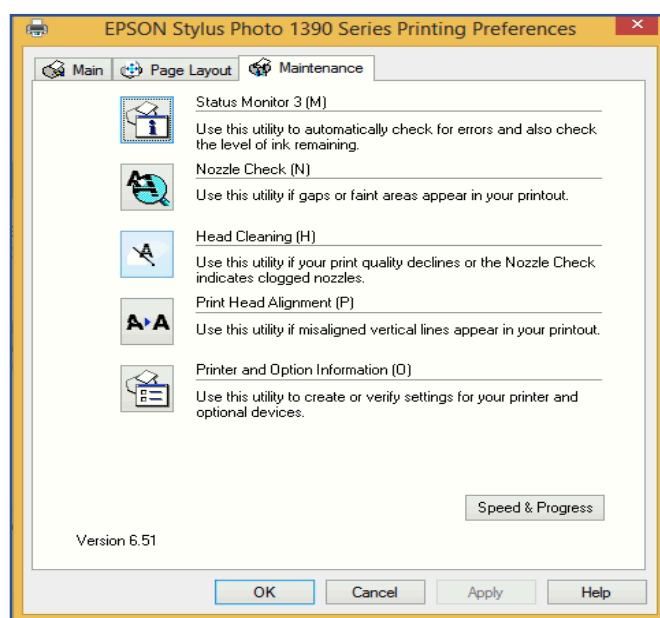
### Note:

**AS THE PRINT HEAD CLEANING USES INK FROM ALL THE DAMPERS, CLEAN THE PRINT HEAD ONLY IF PRINT QUALITY DECLINES; FOR EXAMPLE, IF THE PRINTOUT IS BLURRY OR THE COLOR IS INCORRECT OR MISSING.**


**USE THE NOZZLE CHECK UTILITY FIRST TO CONFIRM THAT THE PRINT HEAD NEEDS TO BE CLEANED. THIS SAVES INK.**

**WHEN INK IS LOW YOU MAY NOT BE ABLE TO CLEAN THE PRINT HEAD. WHEN INK IS FINISHED YOU CANNOT CLEAN THE PRINT HEAD.**


Select Head Cleaning utility from Windows printer driver



Follow the on-screen instructions.

The  power light flashes while the printer performs the cleaning cycle.

### Caution:

**NEVER UNPLUG THE PRINTER OR TURN OFF THE POWER WHILE THE  POWER LIGHT IS FLASHING. DOING SO MAY DAMAGE THE PRINTER.**

### Note:

**IF PRINT QUALITY HAS NOT IMPROVED AFTER REPEATING THIS PROCEDURE TWO TIMES, It would be a good idea to check the Dampers to make sure that you have enough ink in them**

# IMPORTANT GENERAL WARNINGS

## STORAGE AND OPERATING CONDITIONS

- Always use the included printer cover to cover the machine from dust and debris.
- Do not operate or store your DTF-L1800-J printer or the DTFPRO inks in an environment with a temperature over 77° F or under 64° F.
- Only use your DTF-L1800-J printer on a level surface free of vibrations.
- Do not store or use your DTF-L1800-J printer or DTFPRO inks in direct sunlight.

## EXPIRATION OF INKS

**THE EXPIRATION DATE ON THE INK REFILL BOTTLES (THE PRODUCT), REFERS TO THE PRODUCT IN ITS ORIGINAL, SEALED AND PROPERLY MAINTAINED STATE.**

## REMOVAL OF INKS

WHEN REMOVING THE INK, REPLACE WITH CLEANING LIQUID

To preserve the functionality of the printing system and maintain the quality of the results, in case of downtime it is necessary to remove the inks from the printer.

The timing depends on many factors including the temperature, the humidity, the amount of air inside the container, exposure to heat sources, or to direct sunlight etc.

# CONSERVATION OF INKS

## **WARNING!**

**WHEN THE INKS ARE LOADED IN THE PRINTING SYSTEM, THE ENVIRONMENT MUST ALWAYS BE MAINTAINED AT A TEMPERATURE BETWEEN 64.4° F AND 77° F, BOTH WHEN THE PRINTING SYSTEM IS IN OPERATION, AND WHEN THE PRINTING SYSTEM IS TURNED OFF.**

## PC SYSTEM REQUIREMENTS

### **MINIMUM SYSTEM REQUIREMENTS**

- CPU: P4 1.25 GHz
- Hard Drive: 20 GB
- RAM: 256 MB (2GB for Vista)
- USB: 1.1
- Operating System: 32 bit Windows 7, 8.1

### **SUGGESTED SYSTEM REQUIREMENTS**

- CPU: P5 2 GHz (or higher)
- Hard Drive: 120 GB
- RAM: 1 GB (2GB)
- USB: 3.0
- Operating System: Windows 10™ 64bit

# TROUBLESHOOTING

## MISCELLANEOUS PRINTER PROBLEMS

**Problem:** Prints are clear on one side but blurry on the other side, also applies to same problem front to back.

**Solution:** The DTFPRO printer has to be on a level surface to print correctly across the whole surface of the film.


**Problem:** Printed images have bands or lines in it.

**Solution:** Perform a nozzle check to verify all the nozzles are printing. If some are not printing perform head cleaning or increase the resolution of the image that needs printing. Recommended settings are 1440\*1440 dpi.

**Problem:** Prints appear split and blurry.

**Solution:** It could happen during printing on media with an irregular surface. Disable "High Speed" in Advanced tab on printer driver.

**Problem:** All lights are off.

**Solution:** Press the  button to make sure the printer is on. Turn on the printer and make sure that the power cord is securely plugged in. Make sure that your outlet works and is not controlled by a wall switch or timer.

**Problem:** Ink light and Paper light flash simultaneously

**Solution:** Check on the status monitor. If the screen says that some parts inside your printer need to be serviced, then you need to reset the waste pads.

## TECHNICAL SUPPORT

You should always contact an authorized dealer of DTFPRO for assistance or for any technical request during normal business hours. If you need further assistance you can contact DTFPRO at the references provided later in this manual.

## TECHNICAL DATA

BRAND: DTFPRO

MODEL: DTFPRO-L1800-J

COLORS (Ink cartridges) : CYAN – MAGENTA – YELLOW – BLACK – WHITE

MAX PRINTING AREA: 13" x 19" (A3+)

MAX. RESOLUTION: 1440 dpi (Horizontal) x 5760 dpi (Vertical)

TRAY LOADING: MANUAL FEEDER / AUTO ROLL FEEDER

POWER SUPPLY: 110/240 V – 50/60 Hz

MAX. CONSUMPTION: < 55W

OPERATING TEMPERATURE: 64.4° F AND 77° F

STORAGE TEMPERATURE: 64.4° F AND 77° F

HUMIDITY: 30% - 60% , NO CONDENSATION

NOISE EMISSION: <70dB as per UNI EN ISO 9612, measured as per  
UNI EN ISO 11904-110

DIMENSIONS: 634 x 373 x 868 mm, without drawer

WEIGHT: 70 LBS DRESSED