UNINET® DTF™

DTF™ 1000

USER MANUAL

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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 PROCEDURE

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 process of heat transfer of textile ink to the film can be done on a variety of fabrics such as cotton and polyester. When printing using a DTF or DTG printer, you will first need to print to the DTF sheets / film. Then, add DTF powder to cover the print before curing. Wear protective masks when operating your DTF equipment and processes and operate in a well ventilated room with a filtration system.

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

To make sure you get all the benefits from your DTF-Model-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 1000

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 6 months from the date of purchase.

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

UNINET™ 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 UNINET™ 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 UNINET™ 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. UNINET™ 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 UNINET™;
- 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;

UNINET™ 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;
- To disconnect cables from printer, remove the connector from the port directly, never pulling on the cable itself;
- 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 UNINET™ - tampering, improper use, repairs and / or action taken by anyone not authorized by UNINET™ void the warranty.

CAUTIONS ON USING THE MANUAL

This Operation and Maintenance Manual provides basic information for using the printer UNINET™ 1000. 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.

UNINET™ implements a policy of continuous development and improvement. UNINET™ 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 UNINET™.

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 UNINET™ 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 UNINET™.

PLACEMENT OF PRINTER

This printing system must be placed in a dedicated environment, air-conditioned throughout the year with a temperature range of 60°F to 80°F, with relative humidity controlled between 42% 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 cleaning agents. If you are utilizing a roll feeder with your printer, be sure that there is ample space for placement of both devices.

INSTALLING THE PRINTER

UNPACKING

Open the box that contains and the printer parts and accessories. With the assistance of a second person, gently remove the different parts from the box, following the instructions of this manual for the setup and use of the printer. When lifting heavy objects, be sure to bend and lift with the knees to avoid any injuries.

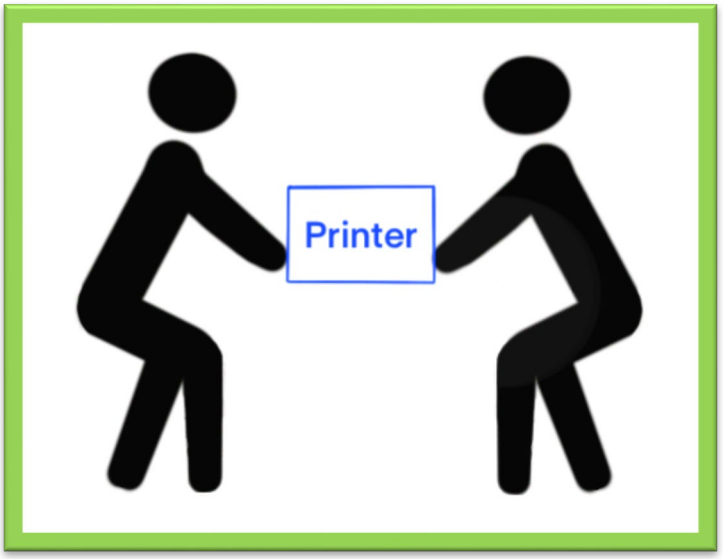
KEEP THE ORIGINAL BOX AND PACKAGING FOR FUTURE TRANSPORT!

REMOVE THE PRINTER FROM THE BOX AS SHOWN IN THE IMAGE 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.



ROLL FEEDER SETUP

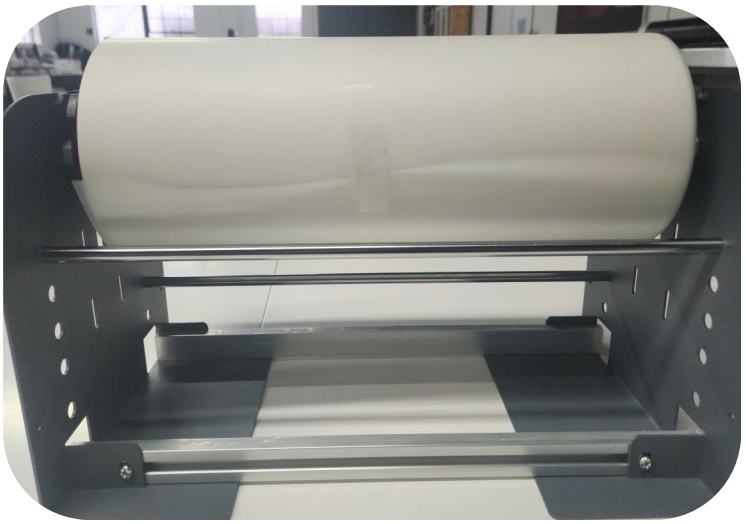
The Roll Feeder is comprised of 2 large side brackets, 2 square rods, 2 round rods, 2 small attachment brackets, 4 large bolts, black bolt secure screws and Philip's head screws with bolts.

1. First, place the 2 large side brackets on a flat surface with one on the left and one on the right.

2. Next, there are two rows of holes on each side bracket. Insert one of the round rods through the top most hole in one row on each side bracket. Insert the other round rod through the second hole from the bottom in the other row of holes on each bracket. Attach the large bolts to both rounds rods using the small black bolt screws.

3. Then, take the screws that come with their own bolts and insert a bolt into each end of the square rods. Take the two square rods and insert them through the 2 square holes on each side bracket, the slits on the rods should face outward. Once in place, secure the square rods by tightening the screws into the bolts that are in the rod slits.

4. Lastly, take the 2 small attachment brackets and screw them to the printer so that the longer end protrudes outward. Place the roll feeder between the 2 small brackets, the side with the lower round rod should be facing the printer. Secure the roll feeder to the printer using two screws with their accompanying bolts.



Front View

Side View

Small brackets on the backside of the printer

MATERIALS

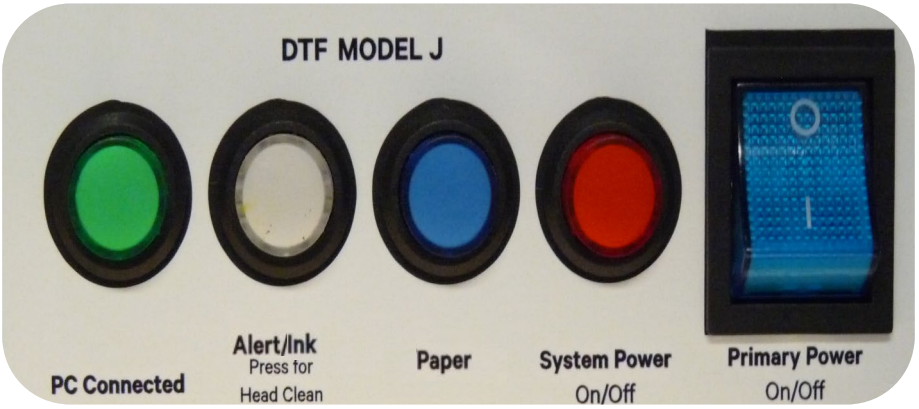
Products provided with the printer.

- Waste Bottle
- Roll Feeder with screws
- Syringes with 14” Gauge Tips
- Humidity Sensor
- Epson Driver, RIP and Roller software

BUTTONS & SWITCHES

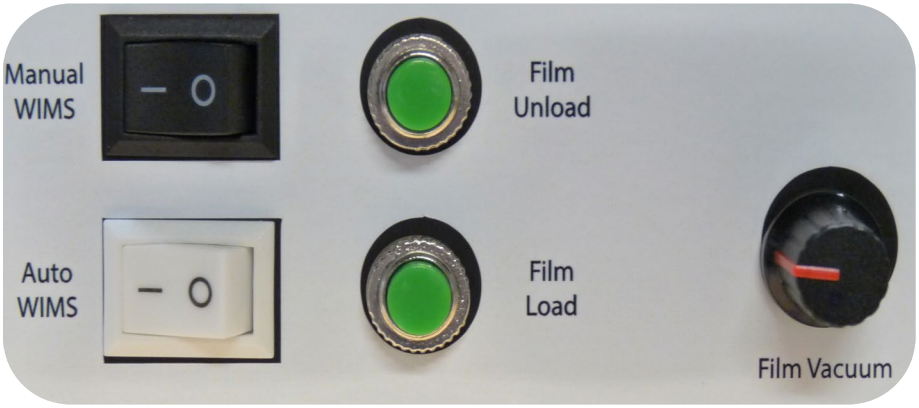
Controls of the printer on the righthand side are as follows:

- Blue Square Switch: Primary Power; this gives power to the printing module, rollers, WIMS and vacuum.
- Red Button: Powers the printing module of the unit on and off.
- Blue Button: Paper button; this button can can be used to clear a paper error by holding it down until the unit reacts.
- White Button: Ink button; can initiate a head cleaning by holding down until print head moves. This button may also signify a general error.
- Green Button: Connection indication; this button will be lit up when the unit is successfully connected to the software and ready to print.



Controls of the printer on the lefthand side are as follows:

- Knob: Turning this clockwise powers on the vacuum system under the printing platform.
- Top Green Button: Activates rollers to move paper/media backward.
- Botton Green Button: Activates rollers to move paper/media forward.
- Black & White Switch: Activates the White Ink Management System (WIMS), these should be on at all times.



WIMS-SETUP

DO NOT CONTINUE UNTIL AFTER YOU HAVE FILLED INK TANKS AND PRIMED ALL DAMPERS!

Before powering on the WIMS, you need to have the white container at the top of the printer filled with white ink.

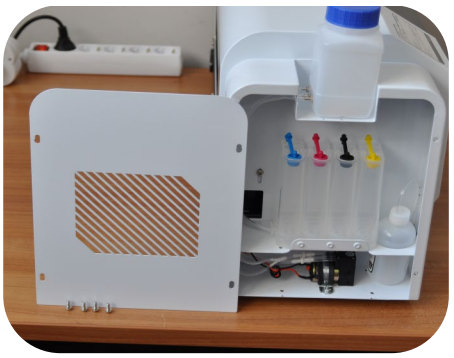
The White Ink Management System is built into your printer. In order to power on the WIMS, you need both the black and the white switches to be set to ON.

BEFORE TURNING ON THE PRINTER

The tanks should be installed in the following order:

1. Remove the cover on the left-hand side of the machine by removing the four Phillips head screws, this will expose the CMYK ink tanks.

Before the screws are removed.



After the 4 screws are removed.

2. Before filling the ink tanks, plug all small breather holes to avoid contamination in the event a spill occurs. Once all breather holes are sealed, proceed with filling each ink tank with its respective color. When filling, the only plug that should be open is the large one of the color that is being filled, be sure to seal it before continuing on to the next color.

Example of what sealed breather holes

3. When all colored ink tanks are filled, you may disengage the breather holes.

CHECK PERIODICALLY THE INK LEVEL INSIDE THE WASTE TANK – WHEN ¾ 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 ¼ EMPTY.

IMPORTANT!

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.

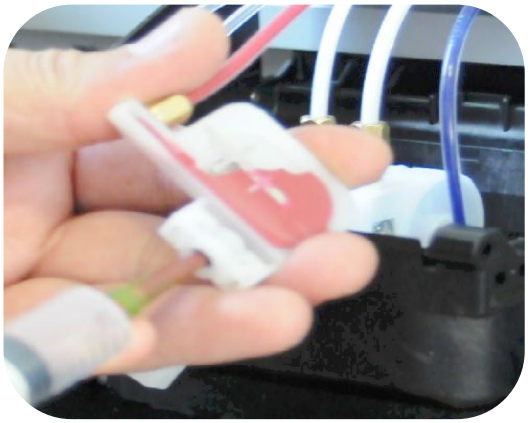
PRIMING DAMPERS

Now that the ink tanks are sufficiently full, the next step is to prime the dampers. For this you will need five syringes with five green 14” gauge tips.

This video is an example of the following steps:
https://www.dropbox.com/s/gyoq4y5i81ace06/DSC_0031.AVI?dl=0

1. To access the dampers, you will need to first unlock the print head. This is done by pressing the white button, once the print head moves from its home position, you want to turn the printer completely off by flipping the blue power switch off. Now the print head carriage should be able to freely move by pushing it gently left and right.
2. Gently move the carriage to the center above the printing platform. It is recommended to place a paper towel on the platform in the event any ink drips.
3. With the carriage in place, gently disengage one of the small dampers by wiggling it back and forth, be careful not to grab or grip any of the dampers by the sides as that can damage them. With a damper removed, insert a syringe with a green 14” gauge tip into the bottom. Slowly pull the plunger back in order to draw ink through the line into the damper until it is about 95% full. It is normal for you get ink in the syringe, that ink can be put back into the original bottle.
4. Once the damper is full, carefully place it back into the head. Proceed with filling each of the smaller dampers using a new syringe and new tip each time. When all the small dampers are completed, you may move onto the two large ones, these are for the white ink, the same syringe and tip can be used for the both of them.
5. After you have primed all the dampers and they have been placed back into the head you

may turn the printer back on using the blue switch, the print head will move back to its home location on its own.



LOADING FILM

With the film roll securly seated in the roll feeder, place the roll feeder behind the printer approximately six inches away. The print side of the media is the matte side not the glossy side.

To load the film into the printer follow these steps:

1. Cut approximately eight inches of the film off the roll that is on the feeder.
2. Using the cut media, gently place under the rollers that line the printing platform on the printer.
3. Using the top green button located on the lefthand side of the printer, feed the cut media backwards until you can see it sticking out of the rear of the printer.
4. Once you can see the cut media sticking out the back of the printer, take the film on the roll (matte side up) and place it under the silver bar that can be seen from the back of the printer and over the cut media.
5. Using the bottom green button on the lefthand side of the printer, feed the film and cut media forward until you can remove the cut piece.
6. Using the two green buttons that control the rollers, adjust your film so that it is aligned with the last row of holes on the righthand side of the printing platform.

Film feeding into the back of printer

POWERING PRINTER ON

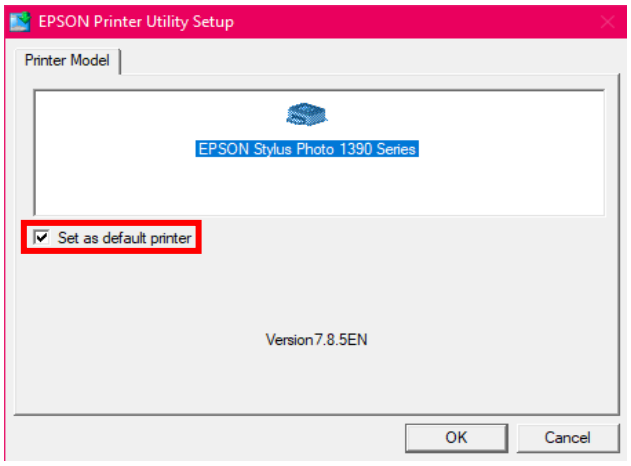
1. Connect the Power cable to the electrical outlet and then to the printer.
2. Before powering on the printer, **connect both USB cables to your computer and to the back of the printer**.
3. Now, power on the printer by flipping the Blue Switch to ON, then press the Red Button to power on the printing module.

DRIVER INSTALLATION

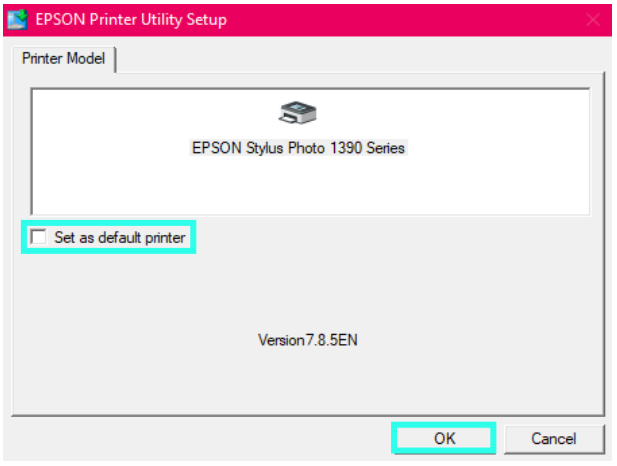
The drivers to be installed are for the "Epson Photo Stylus 1390" and can be downloaded at the following portal:https://www.epson.com.sg/Stylus-Series/Epson-Stylus-Photo-1390/s/SPT_C11C655081?review-filter=Windows+10+64-bit#panel-drivers-1-1
Select your Windows Operating System and download the driver.

Once downloaded, launch it. Your computer will ask if you accept changes to be made by the driver, select "Yes".

A Printer Utility Setup window will appear with a checkbox to set your new printer as the default, you want to make sure that box is **unchecked** before pressing "OK".



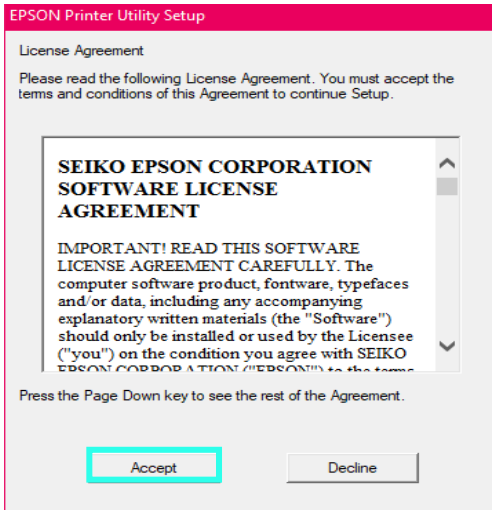
Before box is unchecked



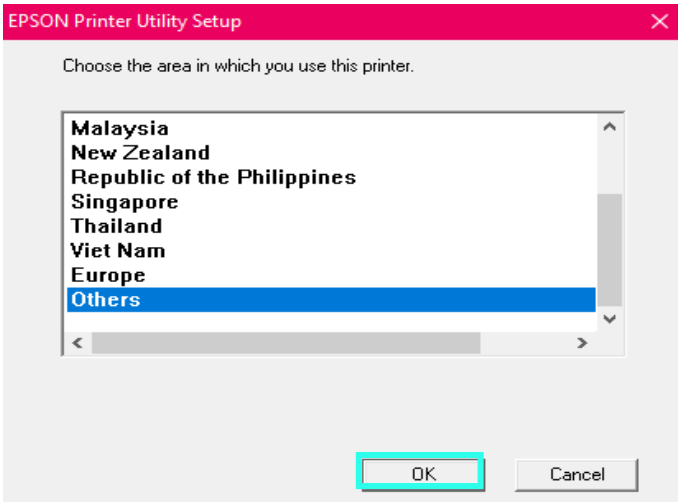
When the box is unchecked

A window with the license agreement will appear. Select "Accept".

After agreeing to the terms and conditions, another window will appear asking for the area you are located. The United States is not specified on the list, you want to select "Others" then press "OK".

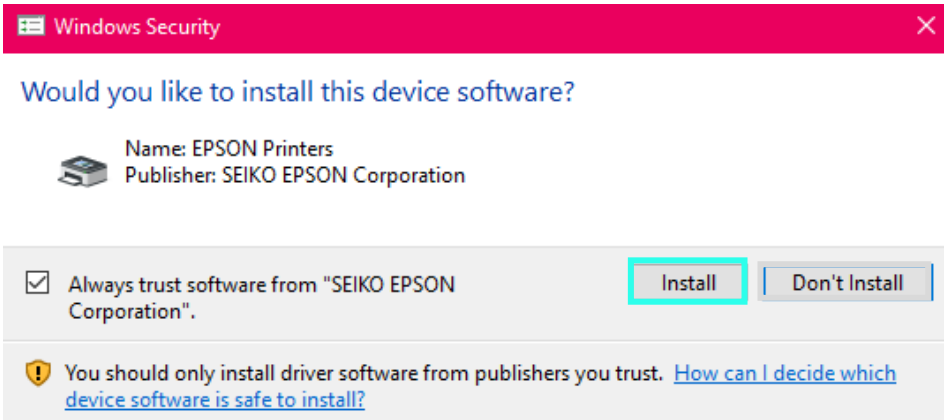


User License Agreement window



User's Area window

Lastly, a Windows Security window will appear. Select “Install”.



*In the event Epson asks to perform an update, decline or cancel it as it could result in compatibility issues with the printer and/or software.

Once all the steps seen above have been completed, you may start using your printer.

DO NOT STOP PRINTER

If you have an image that is already printing but need to stop it in the middle of the job, it is not recommended to disrupt the printing process. It is recommended to let the print job complete if the image or job is small. Stopping or canceling a print job before it is complete will cause the printer to present an error which can be cleared by powering the printing module off then back on using the red button on the right-hand side. If the printing module is power cycled, the media roll will feed about 2 meters then present a paper error which can be cleared by holding the blue button for 3-5 seconds. After clearing both errors, so long as the media is clean, be sure to rewind your media roll neatly so that the alignment is maintained.

If you choose to cancel a print and stop the printer, follow these steps:

1) Power the printing module off using the red button.
2) Delete any jobs in the software and printer’s queue.
3) Power the printing module back up with the red button.
4) Clear paper error by holding the blue button.
5) Rewind and realign the unused media.

EMERGENCY STOP

If it is absolutely necessary that the printer needs to halt right where it is, the main power to the entire unit can be turn off by flipping the large blue switch on the right-hand side of the front on the unit.

CLEANING & MAINTENANCE

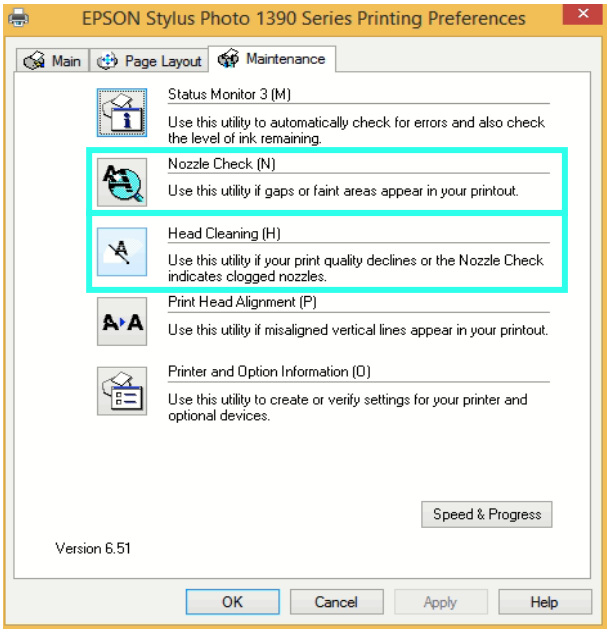
Following these simple steps daily will ensure that your printer lasts longer and help you achieve optimal performance with little to any down time from your UNINET™ 1000 printer.

Daily to Do

Before running anything on your printer, shake the white ink bottle well. White ink contains titanium sediment that needs to be agitated daily to ensure there is no separation and collection at the bottom that could result in clogs.

Every day you should to run a head cleaning regardless if you are printing that day or not. This ensures that there are no clogged lines, the dampers are full and that the print head is working correctly. There are two ways to initiate a head cleaning:

1. Press and hold the ink button for 7 seconds until the print head carriage begins to move.
2. Go to your PC settings and search “Printers and Scanners”, select your printer and press “Manage”. From there select “Printing Preferences”, navigate to the Maintenance tab and select “Head Cleaning.”



Nozzle Check Example

Once the head cleaning is complete, run a nozzle check to ensure that there are no blockages in any of the ink channels. You can initiate a Nozzle Check from the same window you used to start the head cleaning. If there are two or more breaks in any of the CMYK channels of the Nozzle Check, run another head cleaning followed by another check, repeat steps if there are still more than two breaks in any CMYK channel.

Check to verify that both the black and white WIMS switches are set to ON, they should always be on so that the white ink lines agitate on the built in timer.

Throughout the Week

In addition to the daily maintenance, there are a few other parts of the printer that you want to make sure you are cleaning and keeping up to date such as the capping station, wiper blade, print head frame and waste bottle.

Capping Station: While the printing module is on, press (not hold) the white button, when the print head moves from its place of origin, cut the unit's full power by flipping the blue switch off. This will allow you to move the print head carriage freely left and right. Move the carriage as far left as it can go, this will expose the capping station on the right-hand side. Take a clean foam swab and dip it in a small amount of cleaning solution, wipe around the edges of the capping station. If there is ink build up, use a clean foam swab with a small amount of de-plasticizing solution to wipe around the station. Once the outer portion is clean, using the small syringe that has a piece of tubing on it add 10-15 drops of capping solution to the sponge in the station. The more you print the more often it is recommended to clean this part.

Wiper Blade: Located about a half inch to the left of the capping station, there is a wiper blade that vertically retracts downward. Using a flat-head screw driver or similar tool you are going to pop the blade up so that it is readily available to clean. Take a clean foam swab with a small amount of cleaning solution and wipe the rubber blade on both sides. If you see that there is ink build up, use a new foam swab with a small amount of de-plasticizing solution to wipe both sides of the blade.

Print Head Frame: With the print head carriage moved completely to the left, you want to clean the metal frame that surrounds the face of the print head. Take a clean foam swab with a small amount of cleaning solution, using the small window cut out of the metal hood of the printer, gently clean the outer frame that is located on the underside of the print head carriage. Do not clean the center or print head face with this, you only want the clean the square outer silver frame. Like the capping station and wiper blade, if there is any form of ink build up on the frame, take a clean foam swab with a small amount of de-plasticizing solution and clean the square silver frame of the print head.

Waste Bottle: Periodically check to see if the bottle is 75% full. If so, empty the bottle and rinse thoroughly with water. Once clean, simply screw the cap back on and insert the waste tube into one of the two holes found on the cap.

Refill Ink: Ink levels should always be above 50%, depending on your volume of printing some or all inks may need to be filled more often.

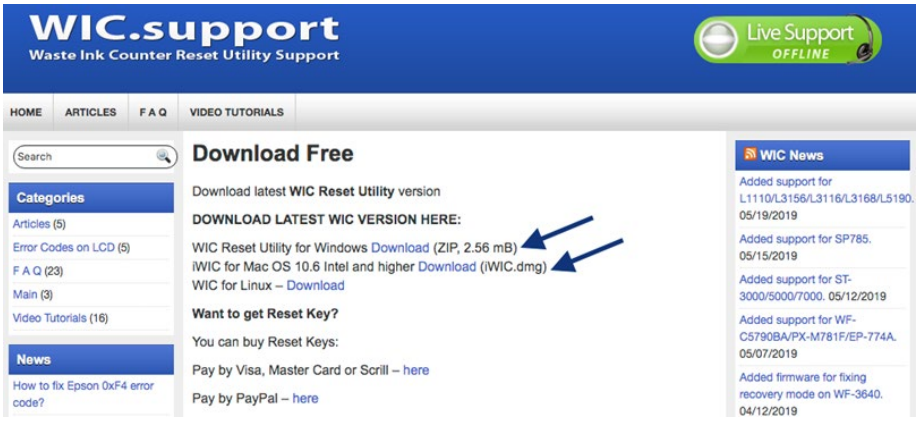
If, when printing you are finding that your images are faint, blurry, have areas that are missing ink or are not the correct color then it is recommended to do the following:

1. Check that there is enough ink in each tank.
2. Check the dampers to ensure they are full and there are no air bubbles taking up large space in them.
3. Run a Nozzle Check, if there are more than two breaks in any of the ink channels run a head cleaning.

HOW TO RESET WASTE PADS

After some time of using your machine, you may encounter an error where both the white and blue buttons are blinking back and forth. This is a waste pad error and just means that it is full and needs to be reset. Follow the steps below to reset the waste pad and get back to printing.

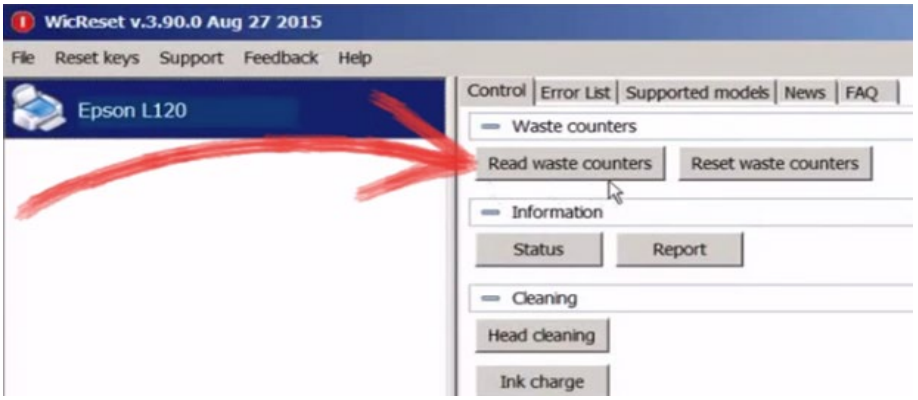
1. Download the WIC Reset Program: https://www.wic.support/download/



2. Select the Windows or Mac download depending on which computer you are using.

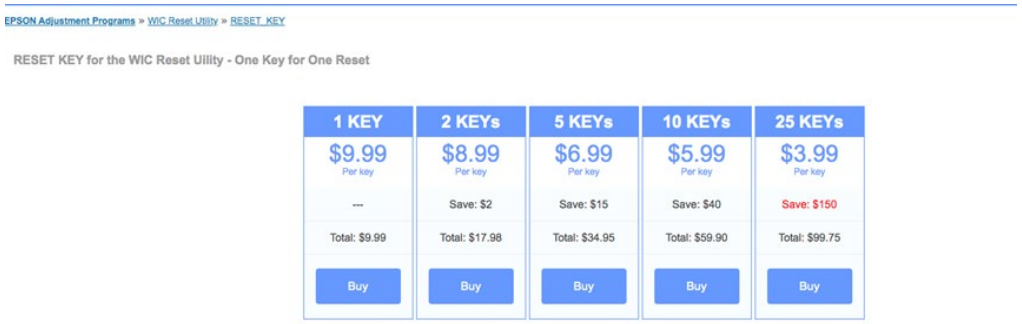
3. Install the program and create a desktop shortcut for easy access.

4. Launch the program, select your printer from the left-hand side then click on “Read Waste Counters”.

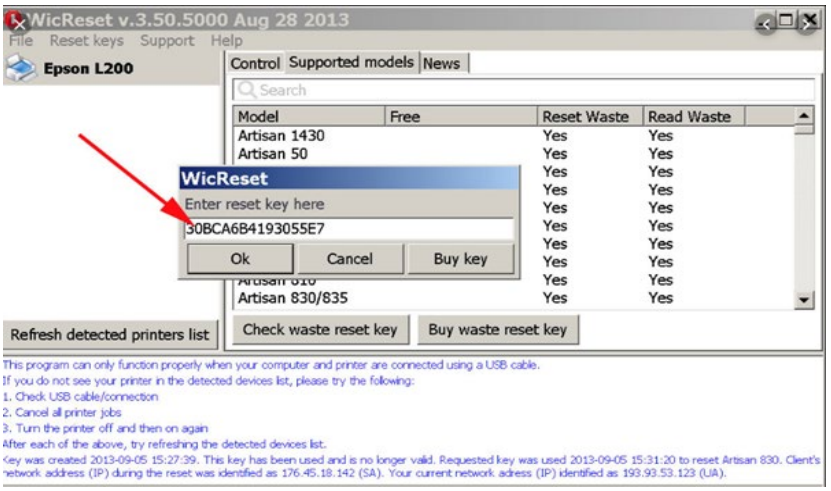


5. If it reports that one or both of the waste pads are full, you will need to purchase a reset key. Reset keys are available via: https://www.2manuals.com/product_info.php?cPath=56_92&products_id=1138&ref=32

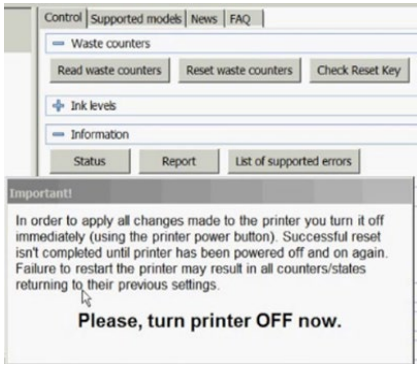
6. Purchase the necessary amount of keys you need to reset your waste pads.

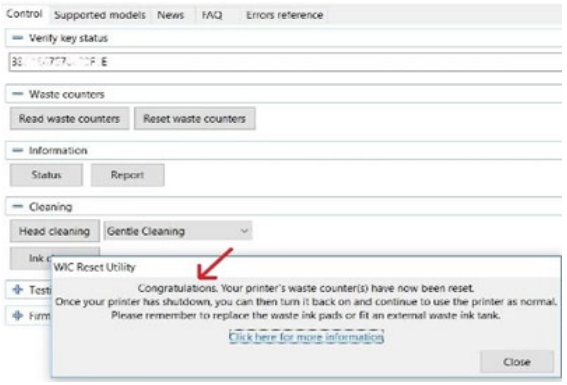


7. After you have purchased keys, click “Reset Waste Counters” and enter the key code you should have received in your email, click “OK”.



8. The program will prompt you to power off the printer, after a few moments you may power it back on and get back to printing.





HEAT ELEMENT & OVEN

Once you have printed an image or images that you would like to use, you want to evenly coat the wet ink with adhesive power, shaking off an excess.

Now that the desired print is well powdered, you will need to bake it using the heating device you bought.

If you are using a Heating Oven, set the temperate to 125° Celsius. Place the printed image, wet side up, on the heated surface and bake it for 2 minutes.

If you are using a Heating Mat, set the temperate to 108° Celsius. Place the printer image, wet side up, on the heated surface and bake it for 2 ½ minutes.

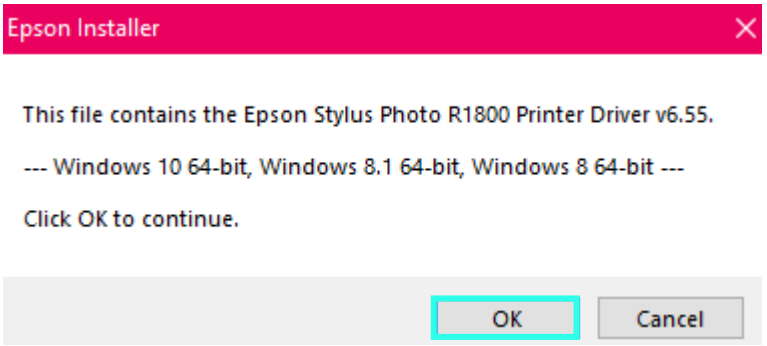
If your images cover more surface area of the heating unit and you have found that there are small spots where the powder is not fully baked, simply rotate the image 180 degrees and bake at the same temperature for another 2 minutes.

OPTIONAL SOFTWARE

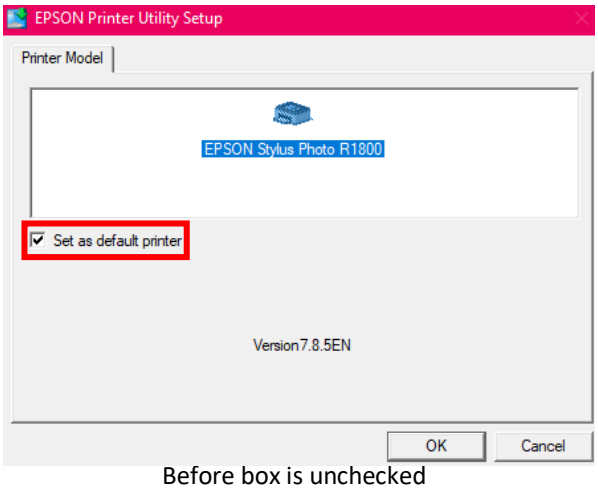
There is a software called 8PRT that can be used with your 1000 printer, its primary purpose is for batch printing. It is an optional software and is not vital in order to use your device. Follow the instructions below on how to install and set it up.

1. You need to install the R1800 driver, select the driver that is for your PC's operating system.
   Epson Stylus Photo R1800 printer driver for Windows **32 bit**: https://dl.drivers-epson.com/epson/7/Epson-Stylus-Photo-R1800/Epson-Stylus-Photo-R1800-printer-driver-Windows-32-bit.exe
   Stylus Photo R1800 printer driver for Windows **64 bit**: https://dl.drivers-epson.com/epson/7/Epson-Stylus-Photo-R1800/Epson-Stylus-Photo-R1800-printer-driver-Windows-64-bit.exe

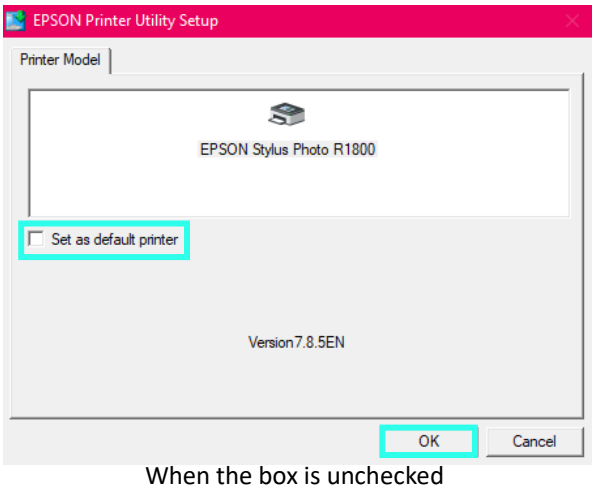
2. After you have downloaded the correct driver, you want to launch it. A window will appear confirming what version of the driver you will be installing, click "OK".



3. The next window to appear will be showing you the name of the printer driver and an option to set it as your default unit, like the 1390 driver you do not want to set it as the default, uncheck the box and click "OK".

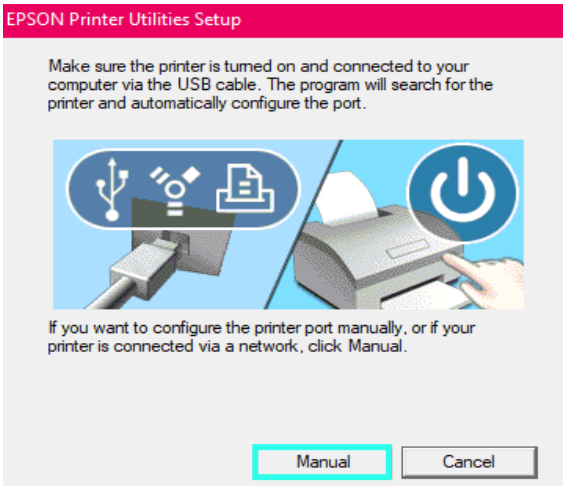


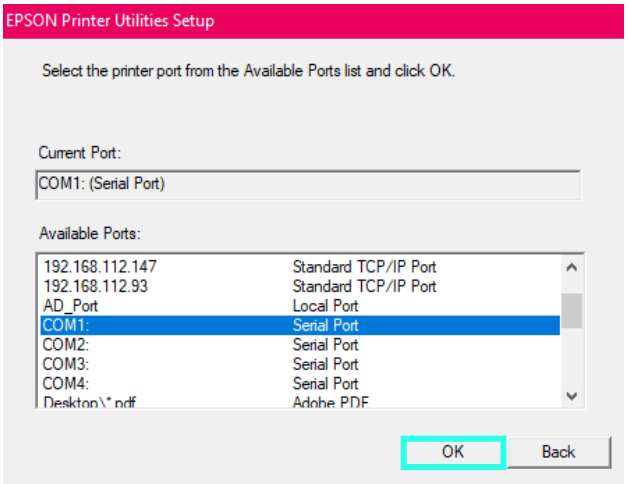
Before box is unchecked



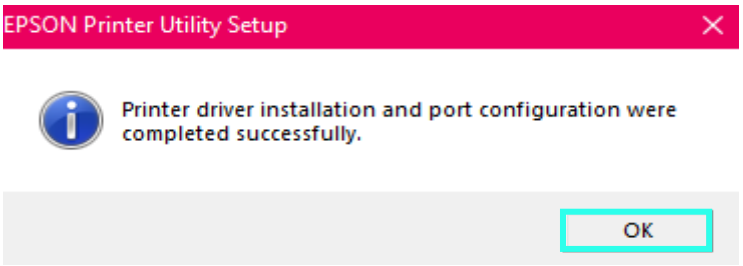
When the box is unchecked

4. After making sure the R1800 is not the default printer, a new window will appear to configure the port. This needs to be done by the user, click "Manual". You will be brought to a new window with a list of available ports, select "COM 1: Serial Port" the click "OK".

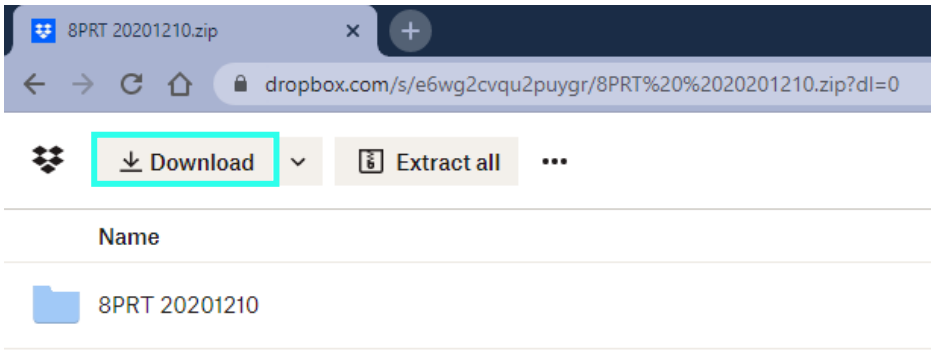




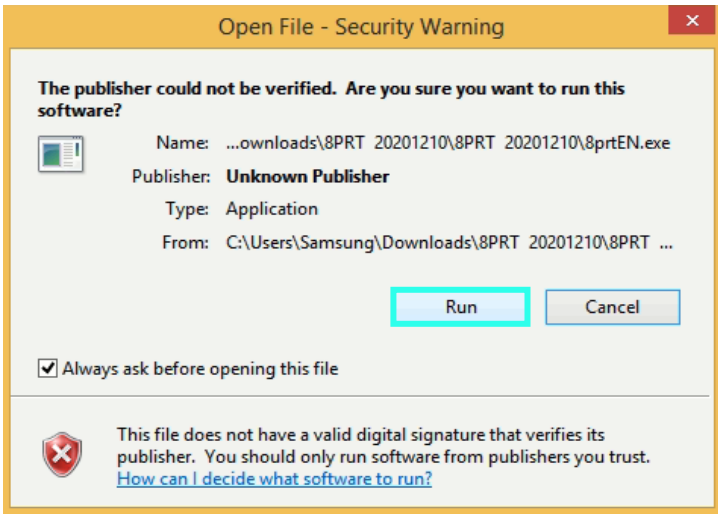
5. With all the previous steps properly followed, you will be presented with a window informing you that you successfully installed and set the port for the R1800 driver. You can click "OK" to close the window.



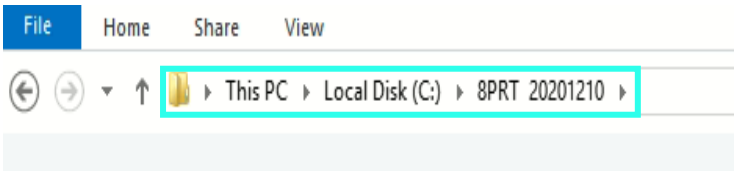
6. Install the 8PRT program using the link below:
https://www.dropbox.com/s/e6wg2cvqu2puygr/8PRT%20%2020201210.zip?dl=0



7. A window will appear asking if you will allow the software to run. Click "Run".

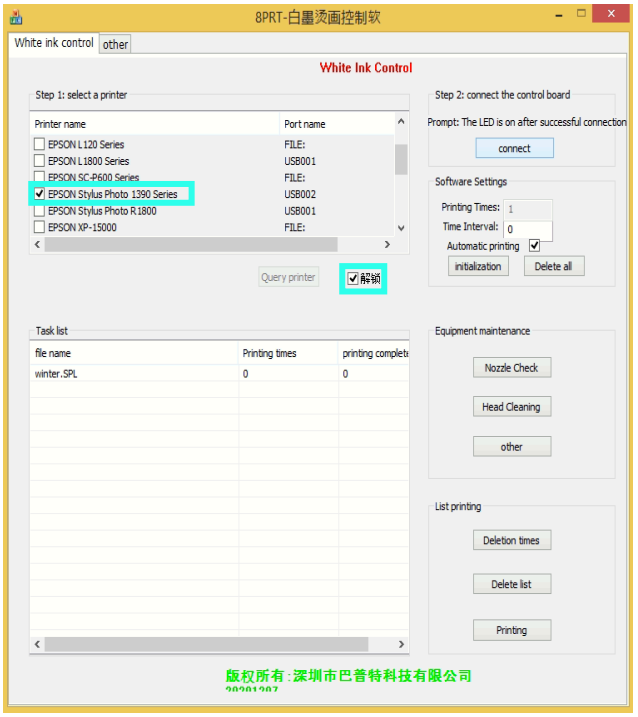


8. Move the 8PRT folder from the download section directly to the root of the C Drive. You do not want a copy to remain in your download folder. The path should look like the example below once the 8PRT folder is moved.



9. Go into the 8PRT 20201210 folder and right click on “8prtEn” and select “Run as administrator”.

10. Once the program opens, select “Query Printer”. A list of printer names will appear, select “Epson 1390” then click the “Locking” box.



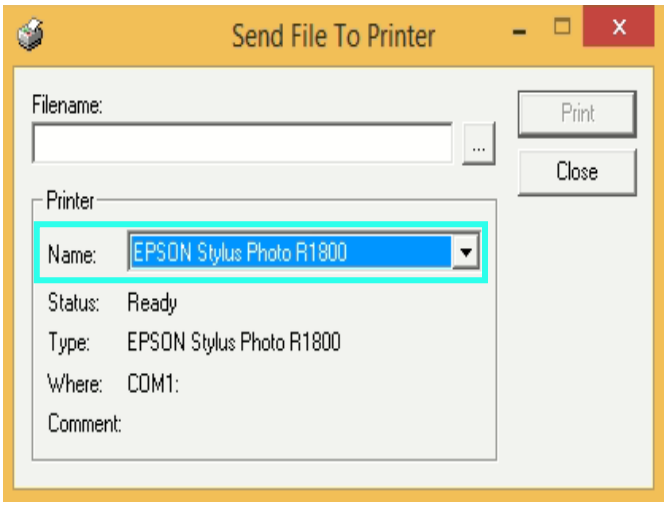
11. With the correct printer selected and the locking box checked off, click “Connect” to sync the software with your printer. The green light on the right-hand side of your printer should light up after a few moments indicating the syncing was successful.

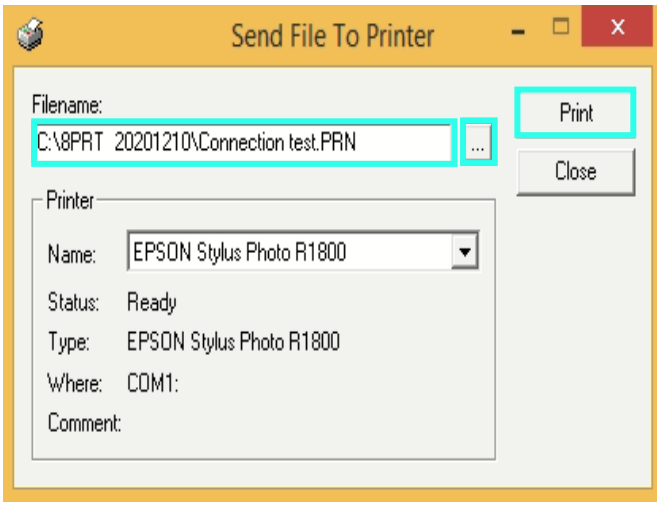
IMPORTANT

Every time the program is freshly started up, you must click “Connect” regardless of whether the printer’s green button is lit up or not. If the program is simply minimized instead of closed when you are done using it then you do not have to click it.

12. Going back to the 8PRT 20201210 folder that was placed in the C Drive, there is a file within named “Connection Test” with a small printer for an icon, click on it to run it.
13. A window will open up, click on the name dropdown box and select “Epson Stylus Photo R1800”.

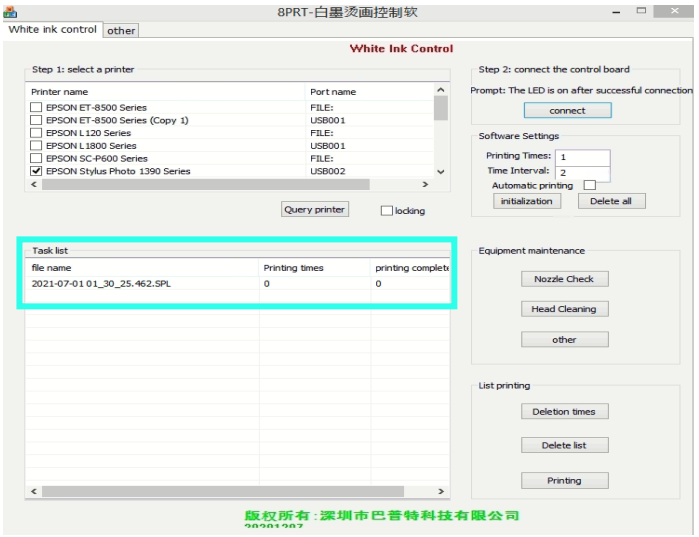
14. With the printer name selected, click on the ellipsis button next to the “Filename” box. Select the file named “Connection Test. PRN” with the piece of paper for an icon. Once selected click “Open”. Confirm that the filename looks like the example below, if so then click on “Print”.





15. After clicking print, an error will appear. This is completely normal, the first print will always result in an error.

16. Click “Print” again, the second print will also result in an error but this time you will see that a job has been added to the “Task List” in the 8PRT program.



Jobs can now be sent to the Task List in 8PRT from AcroRIP.

IMPORTANT

When printing from 8PRT you must change the Feeding setting on the Printer tab in AcroRIP from Roll Feed to Sheet. The port also needs to be changed from Epson Photo Stylus 1390 to the Epson R1800.

Once a job is sent to 8PRT simply double click the “Printing Times” box and enter how many times you would like that job to print. After entering the quantity, click the “Printing” button on the bottom right-hand corner. You will see that the “Printing” button changes to “Stop It”. This does not stop the current print but will stop any prints afterwards.

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 1000 printer or the UNINET™ inks in an environment with a temperature over *77º F* or under *64º F*.
- Only use your DTF 1000 printer on a level surface free of vibrations.
- Do not store or use your DTF 1000 printer or UNINET™ 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 FROM THE PRINTER SYSTEM, REPLACE IT WITH THE CLEANING LIQUID!

In the event that your printer will not be used for an extended period of time, it is crucial that all inks are removed from the printer as soon as possible to preserve the functionality of the printing system as well as to maintain the quality of the prints when the unit is used again. There are many factors that can affect your printer and its ink, such as: environment temperature, environment humidity, amount of air in the container, exposure to heat/cold sources and direct sunlight.

PC REQUIREMENTS

MINIMUM SYSTEM REQUIREMENTS

- CPU: P4 1.25 GHz
- Hard Drive: 20 GB
- RAM: 256 MB (2GB)
- 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

Problem: Prints are clear on one side but blurry on the other side, also applies to same problem front to back.
Solution: The UNINET™ 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 1440x1440 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 in the WIC program. 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 UNINET™ for assistance or for any technical

request during normal business hours. If you need further assistance you can contact UNINET™ via email at Support@DTGPRO.com .

TECHNICAL DATA

BRAND: UNINET™

MODEL: UNINET™ DTF 1000

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:	65° F - 77° F
STORAGE TEMPERATURE:	65° F - 77° F
HUMIDITY:	42% - 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