

EPSON SUBLIMATION PRINTERS

USER MANUAL

Thank you for choosing our Epson sublimation printer.

Please read and follow the user manual carefully!

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1. UNBOXING AND SETUP

1.1. Printer un

Unpack the Epson device and remove the blue adhesive tape from the printer, which is only needed for shipping. Connect the power cord included in the box to the printer, but do not turn it on yet.

1.2.

Our package includes a set of INKTEC SubliNova ink, which is available in 4-, 5-, or 6-color versions.

Before turning on an Epson printer for the first time, you must fill it with sublimation ink once and start the ink filling process, which may take 10–15 minutes.

IMPORTANT!

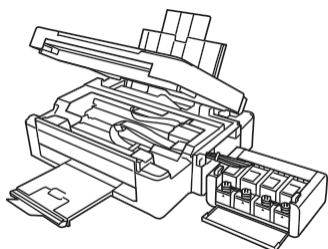
You can find the ink loading/refilling tutorial video at the bottom of the product page in our online store.

(If you find Epson original ink in the printer, do not refill it!)

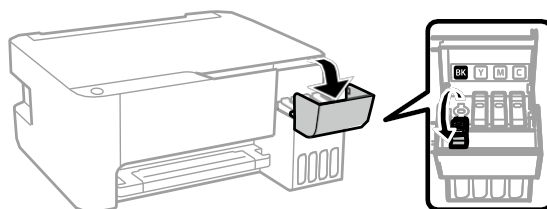
Ink refilling overview:

- Open the tank cover on the side of the printer and expose the refill ports. If you have an older printer, detach the external tank.

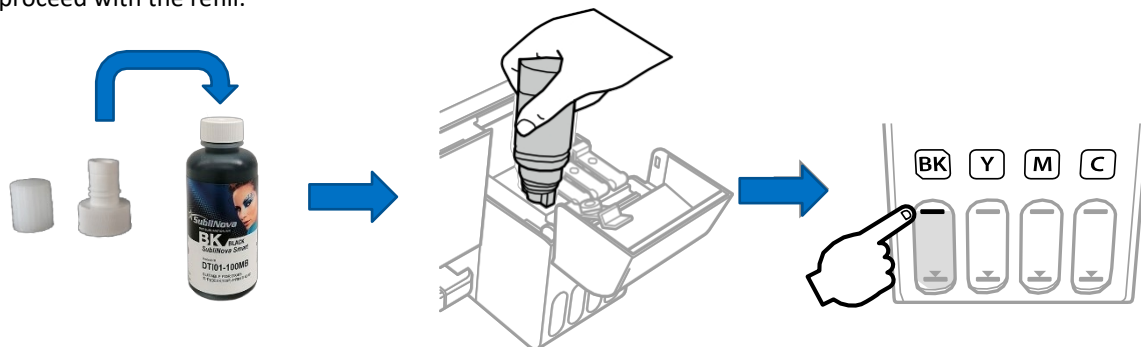
Standard refill



with a special refill port



- Refill the sublimation inks. Make sure to fill the correct color into the correct slot.
The Epson L1300 printer has two black tanks. Fill both tanks with black ink if you purchased this model.
- Newer printer models require special filling caps due to their unique openings; these are included in the package. Unscrew the InkTec ink cap, pierce the protective film, screw on the special filling cap, and proceed with the refill.



Steps to take after refilling:

- Replace the cap on the refill opening
- For devices with a removable external tank, reattach it after refilling!
- Turn on the device, then press and hold the illuminated “drop” button until it turns off.

While refilling, the printer fills the system (tubes, dampers), which takes 10–15 minutes.

*You can verify the success of the refill using the nozzle test (Print Settings / Maintenance menu). **Please perform the nozzle test!***

The nozzle test can only be performed after installing the printer driver. You can find instructions for installing the driver in the next section.

*How do you perform a nozzle test? Read the instructions in “**3. Maintenance**” on page 5.*

Important information:

-4-color printers use the following colors: cyan, magenta, yellow, and black

-6-color printers use light magenta and light cyan ink in addition to cyan, magenta, yellow, and black. Do not pour light cyan or light magenta ink into a 4-color printer!

-InkTec sublimation ink is not compatible with other sublimation inks. Do not mix it with other inks! If you poured the ink into the wrong compartment, used the wrong type of ink in the printer, or encountered any other technical issues, please send an email

1.3. Installing the printer driver and connecting to

Installing the original printer driver is an essential step for using a sublimation printer.

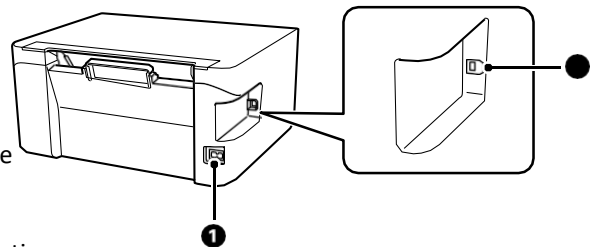
To install it, insert the original Epson installation CD that came with the printer, or download the driver from the internet at <https://www.epson.hu/support> and complete the installation.

After installation, you will find the printer in Windows under Devices / Printers and Scanners. *Important! If you do not install the printer driver, Windows will recognize the printer but not all important settings will be available, so installing the driver is mandatory.*

Connection

You will find the power cable connector (1.) and the USB connector on the back of the printer. Connect the printer to the computer using the **USB** printer cable. The USB printer cable is not included with Epson printers, but you can find it in our online store.

A Wi-Fi connection is not recommended for dye-sublimation printing.

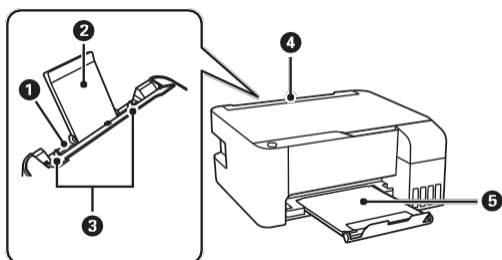


2. PRINTER AND COLOR PROFILE SETTINGS

2.1. Printer settings and paper feeding

After installing the printer driver and loading the ink, you must configure the appropriate printer settings. The factory settings are not ideal for sublimation printing, so some adjustments must be made. **For accurate color printing, use our color profile specifically designed for InkTec ink!** You will find instructions on using the color profile and adjusting the color profile settings in the following section. (2.2)

Paper feeding is the same as with standard paper. Pull up the paper input tray (4.) and pull out the paper output tray (5.). Adjust the sliders according to the paper loaded.



2.2. Color profile settings

Setting the color profile is the most important step for sublimation printers.

The color profile and its settings were created specifically for InkTec ink, so beautiful and color-accurate printing is guaranteed with the correct settings.

You can find the color profile file, description, and video here:

<https://www.transfer.signdepot.eu/en/inktec-sublimation-icc-color-profiles>

The color profiles are available for both 4-color and 6-color printers. It is important to use the correct color profile and settings/description for the printer you purchased! (e.g., 4-color: L1230, L11050, L382, L3110, L3150, L1110, L1300 / 6-color: L800, L805, L850, L1800, L8050, L18050)

2.3. Using software and configuring

For sublimation printing, it is recommended to use external graphics software such as SubliDraw, Photoshop, Corel Draw, or Illustrator.

For these software programs, use the InkTec sublimation color profile and description settings appropriate for your printer.

3. MAINTENANCE

3.1. General Information

Epson inkjet printers, including Epson printers filled with sublimation ink, require general maintenance. Print with the Epson device at least once a week, and perform a nozzle test before starting any job.

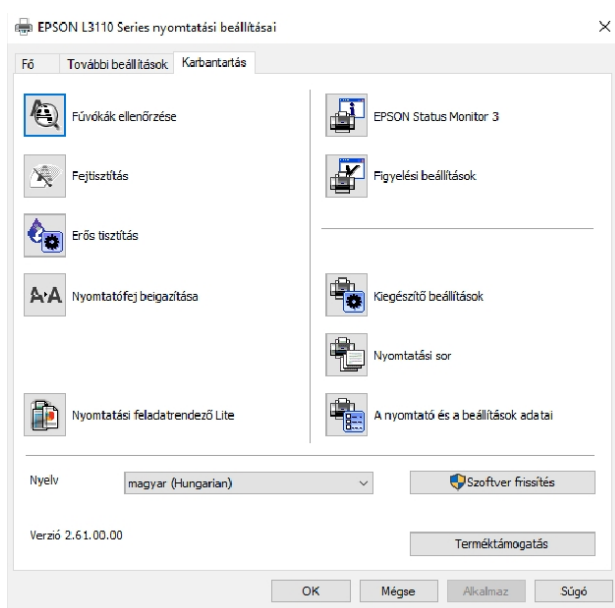
The warranty does not cover neglected or dried-out printers, so always pay attention to maintenance.

What is a nozzle test?

The nozzle test is used to assess the condition of the print head, so if the nozzle test fails, a print head cleaning is required. During head cleaning, the printer sprays ink through the nozzles in the print head, thereby cleaning them. Print the nozzle test on plain paper, and you can see the condition of the head and nozzles based on the nozzle pattern.

Where can you find the maintenance menu, which includes the nozzle test and printhead cleaning?

Find the installed printer in the Start menu > Control Panel > Accessories > Printers and Scanners menu. You'll find the Maintenance menu item in the printer settings



3.2. Possible errors and their solutions

-The nozzle test is faulty after the first print

Solution 1: Run a nozzle test, take a photo/scan it, and email it to our colleagues

-Do you see horizontal lines on the printed paper, i.e., is the print streaked?

Solution 1: Set the paper type to "Matte" instead of "Normal." See: Color profile description
Solution 2: Nozzle error. Perform a nozzle test. See: 3.1

- Do you see vertical dots on the printed paper?

Solution 1: Too much ink is being applied to the paper, and the printer roller is leaving marks.

Set the paper quality to standard instead of high quality. See: color profile description

Solution 2: Use premium sublimation paper (100 gsm or higher, e.g., A-SUB or other premium paper).

Thinner papers do not dry quickly enough, causing the printer rollers to leave marks.

-Are the printed graphics not true to life on the paper?

Solution: Don't judge the colors by looking at the paper! Iron them onto the sublimation base material using a heat press.

The colors always "come out" on the finished, heat-pressed, sublimated product.

Of course, if you see very different colors, perform a nozzle test and check the settings!

-Are the graphics on the ironed product faded and pale?

Solution 1: Incorrect heat or time settings. Check that you are using the correct values.

If the heat or time is set incorrectly, the correct amount of ink will not transfer to the product.

Solution 2: Check the heat press! If the heat press is not properly calibrated or is set incorrectly, the temperature displayed on the machine may not match the actual heat output. In such cases, it is advisable to measure the actual heat output using a laser-guided infrared thermometer.

4. FREQUENTLY ASKED QUESTIONS

-What types of materials can you produce using sublimation technology?

Fabrics containing at least 80% polyester, pre-treated with sublimation ink. At Signdepot, you can purchase hundreds of sublimation-compatible fabrics directly from stock. www.transfer.signdepot.eu

-What is needed for sublimation?

*An Epson or Sawgrass printer

*Sublimation paper

*InkTec sublimation ink or Sawgrass sublimation ink

*Heat press

-Can you sublimate onto cotton?

No! Unfortunately, sublimation technology is not suitable for decorating cotton.

-At what temperature should sublimation be used, and how long should the pressing/heat treatment last?

Sublimation requires a temperature of 180–200 degrees.

The duration of heat treatment depends on the material, so always check the product description (www.transfer.signdepot.eu)



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