# EPSON®

EXCEED YOUR VISION

# SC-T5400 Series
# SC-T3400 Series
# SC-T3400N Series

# User's Guide

# *Copyrights and Trademarks*

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### Printing Using the HP-GL/2 or HP RTL Mode from a Computer

### Changing the Network Connection Methods

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## *Where To Get Help*

# Introduction

## Notes on Manuals

### Meaning of Symbols

| ⚠ *Warning:* | Warnings must be followed to avoid serious bodily injury. |
|---|---|

| ⚠ *Caution:* | Cautions must be followed to avoid bodily injury. |
|---|---|

| ❗ *Important:* | Important must be followed to avoid damage to this product. |
|---|---|

| *Note:* | Notes contain useful or additional information on the operation of this product. |
|---|---|

| ☞ | Indicates related reference content. |
|---|---|

### Illustrations

The illustrations may differ slightly from the model you are using. Please be aware of this when using the manuals.

### Product Model Descriptions

Some models described in this manual may not be sold in your country or region.

### Manual Organization

The manuals for the product are organized as shown below.

You can view the PDF manuals using Adobe Acrobat Reader or Preview (Mac).

| Setup Guide (booklet) | Provides information on how to setup the printer after unpacking it from the box. Make sure you read this manual to perform operations safely. |
|---|---|
| Operator's Guide(booklet or PDF) | Provides selected information on how to use the printer and frequently used features of the printer. |
| General Information (PDF) | Provides important safety instructions, printer specifications and contact details. |
| Online Manual | |
| User's Guide (this manual) | Provides overall information and instructions on using the printer and on solving problems. |
| Administrator's Guide (PDF) | Provides network administrators with information on management and printer settings. |

## Viewing PDF Manuals

This section uses the Adobe Acrobat Reader DC as an example to explain the basic operations for viewing the PDF in Adobe Acrobat Reader.
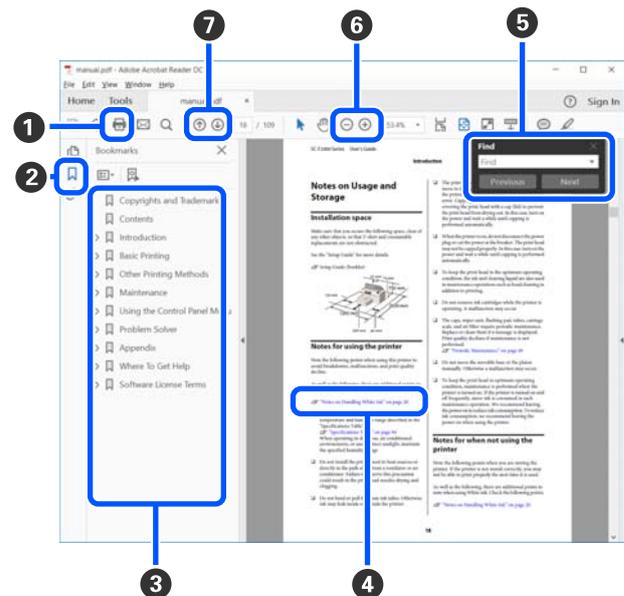


❶ Click to print the PDF manual.

❷ Each time it is clicked the bookmarks are hidden or shown.

❸ Click the title to open the relevant page.

Click [+] to open the titles lower in the hierarchy.

❹ If the reference is in blue text, click the blue text to open the relevant page.

To return to the original page, do the following.

**For Windows**

While pressing the Alt key, press the ← .

**For Mac**

While pressing the command key, press the ← .

❺ You can input and search for keywords, such as the names of items you want to confirm.

**For Windows**

Right click on a page in the PDF manual and select **Find** in the menu that is displayed to open the search toolbar.

**For Mac**

Select **Find** in the **Edit** menu to open the search toolbar.

❻ To enlarge the text in the display that is too small to see well, click ⊕ . Click ⊖ to reduce the size. To specify a part of an illustration or screenshot to enlarge, do the following.

**For Windows**

Right click on the page in the PDF manual and select **Marquee Zoom** in the menu that is displayed. The pointer changes to a magnifying glass, use it to specify the range of the place you want to enlarge.

**For Mac**

Click **View** menu - **Zoom** - **Marquee Zoom** in this order to change the pointer to a magnifying glass. Use the pointer as a magnifying glass to specify the range of the place you want to enlarge.

❼ Opens the previous page or next page.

# Printer Parts

## Front

The illustration shows the SC-T3400 Series (24 inch model with stand).
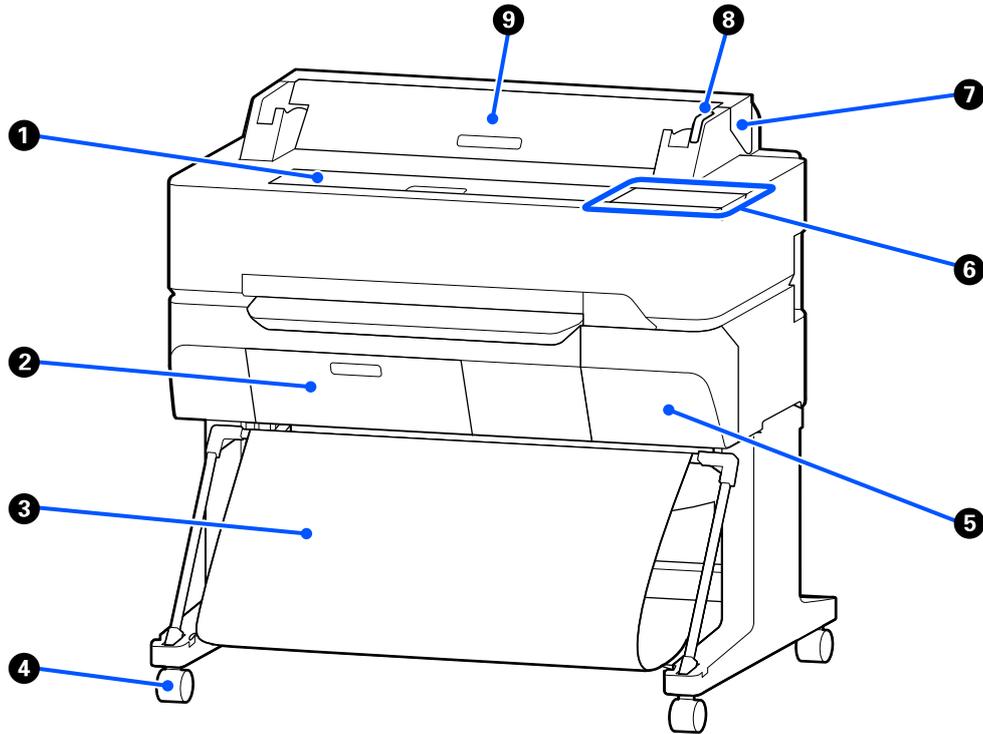


❶ **Front cover**

Open the cover when cleaning inside of the printer or clearing jams.

❷ **Maintenance box cover**

Open the cover when replacing the Maintenance Box.

U "Replacing Maintenance Box" on page 147

❸ **Paper basket**

Output from the printer collects in this basket, keeping the media clean and free of creases.

❹ **Casters**

There are two casters on each leg. The casters are normally kept locked once the printer is in place.

❺ **Cartridge cover**

Open when replacing ink cartridges.

U "Replacing Ink Cartridges" on page 145

**Introduction**

❻ **Control panel**

⌖ "Control panel" on page 14

❼ **Roll paper cover**

This cover protects the loaded roll paper and prevents dust from entering inside the printer. Except when loading or removing roll paper, it should be closed when using the printer.

⌖ "Loading Roll Paper" on page 29

❽ **Alert lamp**

This lamp lights or flashes when an error occurs.

Lights or flashes:    An error occurred. How the lamp lights or flashes varies with the type of error. The control panel displays a description of the error.

Off:                No error.

❾ **Cut sheet cover**

Open the cover when loading a cut sheet of paper.

⌖ "Loading Cut Sheet(1 sheet)" on page 36

# Inside
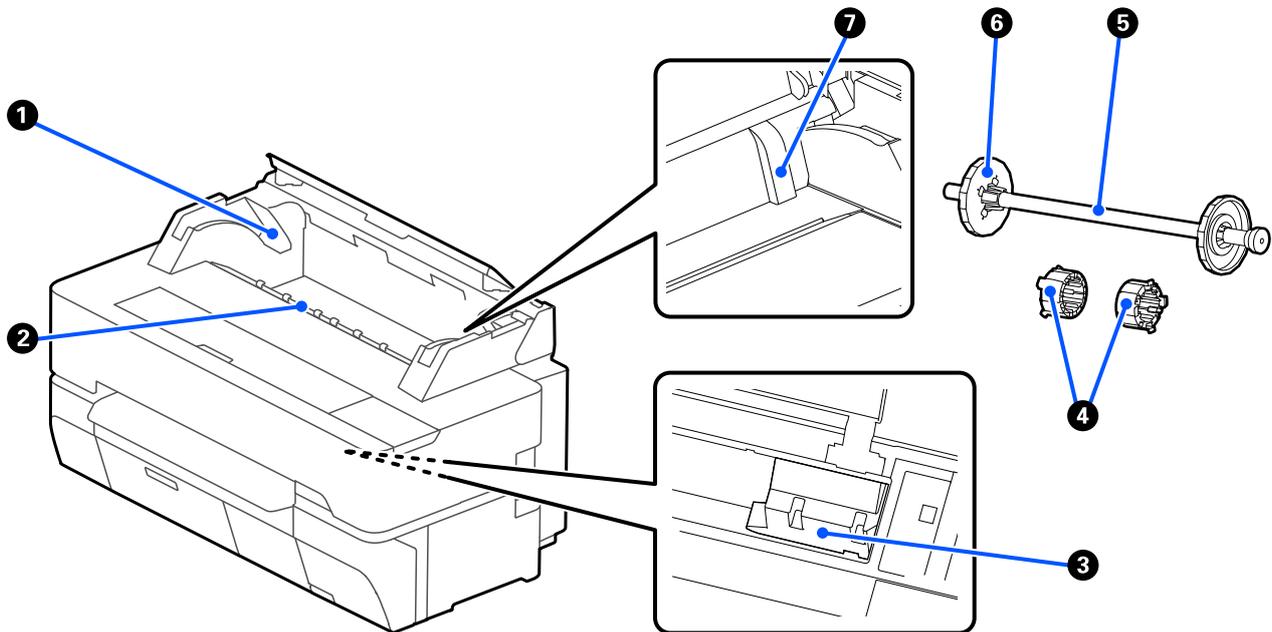
❶ **Spindle holder**

There is a holder on both the left and right sides. Place the both ends of the spindle.

U "Loading Roll Paper" on page 29

❷ **Paper slot**

The slot through which roll paper and cut sheets are fed during printing.

❸ **Print head**

Fires ink via high density nozzles while moving left and right to print.

❹ **Attachments**

Attach them to the spindle for loading a 3 inch core roll of plain paper.

U "Loading Roll Paper" on page 29

❺ **Spindle**

When loading roll paper into the printer, insert this through the roll paper.

❻ **Movable flange (transparent)**

This fixes the roll paper placed on the spindle. Attach or detach it when placing or removing roll paper on/from the spindle.

**Introduction**

❼ **Guide**

When loading a cut sheet of paper, load the sheet while sliding its edge against the guide.

U "Loading and Removing Cut Sheet(1 sheet)" on page 36

# Side (right side)
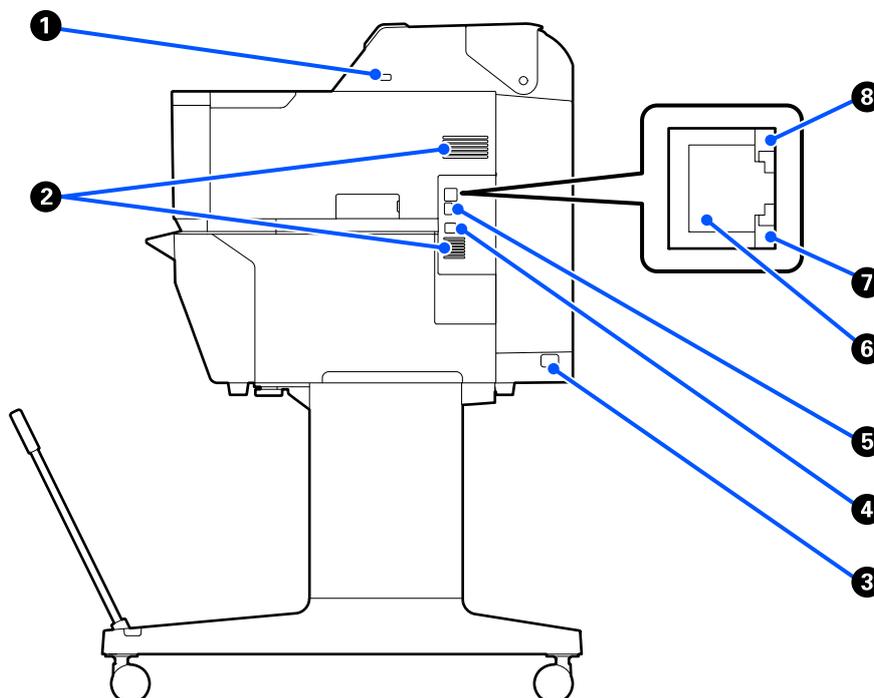


A **USB port (for USB flash drive)**

You can insert USB flash drive for direct printing.

U "Direct Printing of Files on USB Flash Memory" on page 96

B **Vents**

Do not block the vents.
U "Installation space" on page 18

C **AC inlet**

Connect the supplied power cable here.

D **USB port**

Use when connecting to a computer using a USB cable.

E **OPTION port**

Connect a scanner to perform enlarged copying.

U "Making Enlarged Copies with an A3 or A4 Scanner" on page 98

F **LAN port**

Connects the LAN cable.

**Introduction**

❼ **Data light (yellow)**

The network connection status and data reception are indicated by a lit or flashing light.

On: Connected.

Flashing: Receiving data.

❽ **Status light (green, orange)**

The color indicates the network transmission speed.

Off:                    10BASE-T

Orange:                100BASE-TX

Green:                  1000BASE-T

**Introduction**

## Control panel
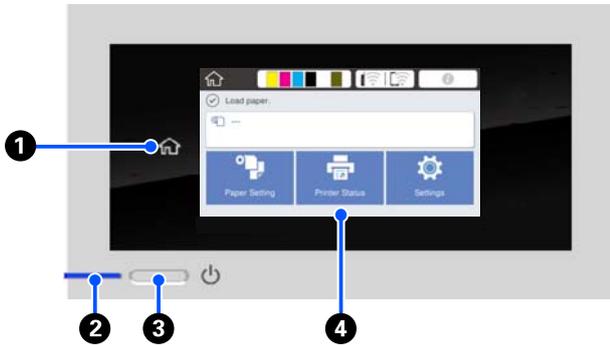


❶ **Home button**

Touch this button while a menu is displayed to return to the Home screen. The home button is off when it cannot be used during operations such as paper feeding.

❷ ⏻**light (power light)**

On : The power is on.

Flashing : The printer is performing a process such as starting up, powering off, data receiving, or print head cleaning. Please wait without performing any operation until this light stops flashing. Do not disconnect the power cord.

Off : The power is off.

❸ ⏻**button (power button)**

Turns the power on and off.

❹ **Screen**

This is a touch panel to display the printer's status, menus, error messages, and so on. You can select the menu items and options displayed on this screen by gently touching (tapping) them, and scroll the screen by moving your finger while it remains touching the screen.

## Home screen operations
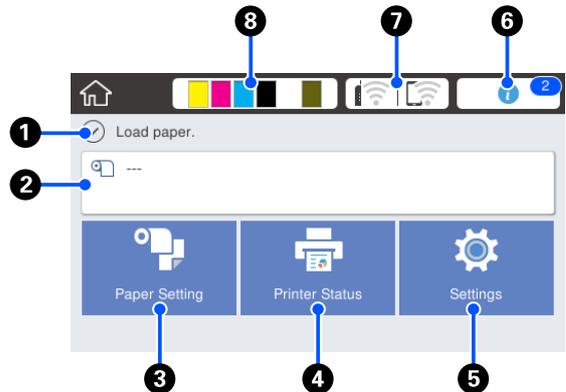


Overview of Home screen operations ⏎ *Operator's Guide*(booklet or PDF)

❶ **Information display area**

Displays the printer's status, error messages, and so on.

❷ **Roll paper information area**

❏ When roll paper is loaded
Displays information on the loaded roll paper. When Manage Remaining Amount is set to On, the approximate remaining amount (remaining length) is displayed.
Touching this area displays a menu to perform operations such as setting and adjusting the roll paper.
⏎ "Roll Paper menu" on page 113

❏ When roll paper is not loaded
Displays "---". Touching this area displays the procedure for loading roll paper.

❸ **Paper Setting menu button**

Touch this button when loading, removing, setting, or adjusting paper.

❏ See the following for more details on Roll Paper.
⏎ "Loading and Removing the Roll Paper" on page 29
Menu descriptions ⏎ "Roll Paper menu" on page 113

❏ See the following for more details on Cut Sheet(1 sheet).
⏎ "Loading and Removing Cut Sheet(1 sheet)" on page 36
Menu descriptions ⏎ "Cut Sheet(1 sheet) menu" on page 118

**Introduction**

❹ **Printer Status menu button**

Touch this button when you want to check the status of consumables or details of displayed notifications.

U "Printer Status menu" on page 120

❺ **Settings menu button**

Touch this button when you want to perform maintenance or configure the printer operation settings, network settings, or other settings. See the following for more details.

U "Settings menu" on page 121

❻ **Information icon**

When there are notifications, such as consumable remaining amount low warnings, the number of notifications is indicated by a badge at the top right of this icon. If you touch this icon when the badge is displayed, a list of the notifications that require your action is displayed. Touching each item displays instructions on what to do. If you do not perform the actions, the badge will not disappear.

❼ **Network icon**

The network connection status is indicated by an icon as shown below.

Touching the icon allows you to switch the network connection status.

U "Changing the Network Connection Methods" on page 93

| | |
|---|---|
| | Not connected to a wired LAN or the wired LAN or wireless LAN not set. |
| | Connected to a wired LAN. |
| | Wireless LAN (Wi-Fi) is disabled. |
| | Searching for SSID, IP address not set, or signal strength is 0 or poor. |
| | Connected to a wireless LAN (Wi-Fi). The number of lines indicates the signal strength. The more lines there are, the better the signal strength. |
| | Wi-Fi Direct (simple AP) connection is disabled. |

| | |
|---|---|
| | Wi-Fi Direct (simple AP) connection is enabled. |
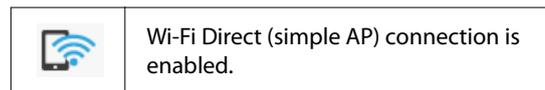
❽ **Consumables status icon**

Estimates of the remaining amounts of ink cartridges and the empty space in the Maintenance Box are indicated by the length of the bars. The shorter a bar is, the lower the remaining amount of ink or space.

When ⚠ is displayed, the remaining amount of the corresponding ink cartridge or the amount of empty space in the Maintenance Box is low. Touching the icon displays the consumables status screen so that you can check the ink cartridge and Maintenance Box product numbers. This is a shortcut button for **Supply Status** in the **Printer Status** menu.

U "Printer Status menu" on page 120

> *Note:*
> *Connecting a supported scanner to the printer displays a **Enlarged Copy** button on the screen.*
>
> *Inserting USB flash drive into the printer displays a **Memory Device** button on the screen.*
>
> 
>
> U "Making Enlarged Copies with an A3 or A4 Scanner" on page 98  U "Direct Printing of Files on USB Flash Memory" on page 96
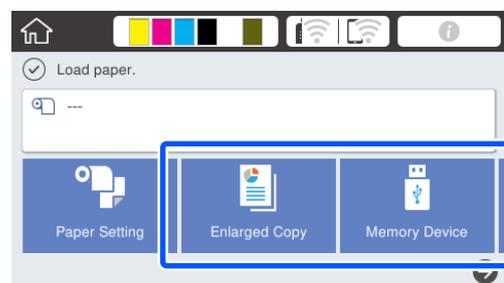
# Features of Printer

## Realizing High Productivity

### High-speed printing

The speeds of the print head and paper feed have been increased for faster printing.

The printer is equipped with a high-speed rotary cutter for quick cutting, significantly increasing productivity.

### Support for large-capacity roll paper

Roll paper up to 170 mm outer diameter can be loaded. This reduces roll paper replacement time and person-hours, enabling efficient high-volume printing.

### Reducing print waste with the print head nozzle self-cleaning function

The printer has a Self Check and Cleaning function that automatically detects and removes clogging of print head nozzles. This reduces decreases in print quality from clogging.

## Realizing High Resolution

### CAD drawings that are clear, legible, and can even be used safely outdoors

Newly-developed Epson UltraChrome XD2 ink enables the printer to produce extremely detailed drawings both in black and white and in color.

The supplied printer driver offers a line drawing mode, making it easier to optimize printing for line drawing and, through unsurpassed reproduction of line drawing and fine lines in the form of connected lines, diagonals, and curves, ensuring the best possible results when the printer is used for drawings.

In addition, you can even safely take your drawings outdoors with you because they are printed using ink with excellent water resistance.

### Posters and displays that are vivid and also allow for short-term outdoor display

Posters with vivid hues can be printed simply by selecting, for example, **Poster (Photo)/Perspective** in Select Target of the supplied printer driver.

Short-term outdoor display is even supported since ink that also has excellent light fastness is used.

Your posters will last even longer if you use lamination processing.

The effect differs depending on the paper.

## Insistence on Ease-of-Use

### Back and side can be placed next to a wall

Roll paper loading and all replacements, including ink cartridges, Maintenance Boxes, and cutter, are performed from the front, allowing the back and side of the printer to be placed against a wall. You do no need to turn the printer around, thus it can easily be situated in confined spaces.

See the following for dimensions.

### Checking current operating status even from afar thanks to an alert lamp

Errors such as ink or paper running out are immediately obvious even at a distance, thanks to the large, highly visible alert lamp.

### Smooth operation while checking the operating instructions on the screen

In addition to having a screen design that enables intuitive operation, this printer allows you to check illustrated instructions of operations such as how to load paper.

U *Operator's Guide*(booklet or PDF)

## Printer driver that is simple and easy to operate

Print settings can be optimized simply by choosing the desired use or target. This spares you the trouble of adjusting print settings individually. When you select a Source setting, printing failures due to paper loading mistakes are reduced because the size and type of paper loaded in the printer are applied automatically. In addition to checking the set conditions in an illustration in the printer driver, you can also check a detailed image in the preview screen before printing.

## Support for wireless LAN connection

This printer can be freely placed where desired without considering cable routing because it can connect with a computer via a wireless LAN to print. Of course, it also supports a wired LAN connection.

Furthermore, even if your device is not connected to a LAN, this printer also allows printing by directly connecting with it using Wi-Fi Direct.

# Notes on Usage and Storage

## Installation space

Make sure that you secure the following space, clear of any other objects, so that paper ejection and consumable replacement are not obstructed.

See the "Specifications Table" for the external dimensions of the printer.

U "Specifications Table" on page 186

### SC-T5400 Series/SC-T3400 Series
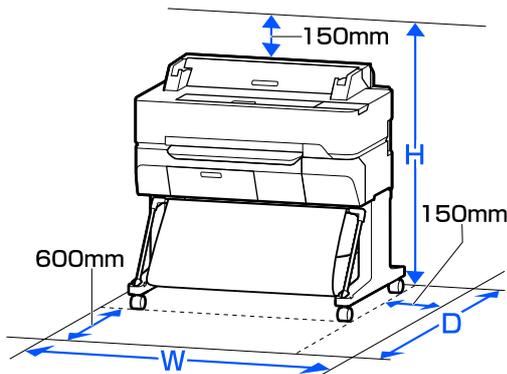


| | W | D | H |
|---|---|---|---|
| SC-T5400 Series | 1535 mm | 1350 mm | 1210 mm |
| SC-T3400 Series | 1230 mm | 1350 mm | 1210 mm |

### SC-T3400N Series
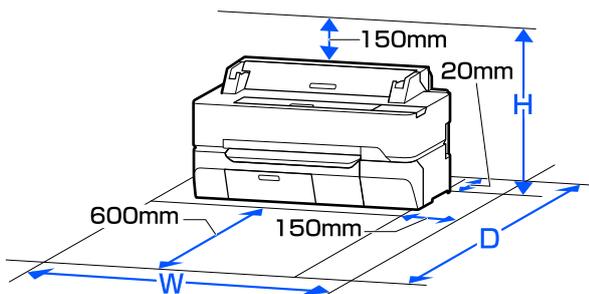


| | W | D | H |
|---|---|---|---|
| SC-T3400N Series | 1230 mm | 1288 mm | 735 mm |

## Notes when using the printer

Note the following points when using this printer to avoid breakdowns, malfunctions, and print quality decline.

❏ When using the printer, observe the operating temperature and humidity range described in the "Specifications Table".
U "Specifications Table" on page 186
Even when the conditions above are met, you may not be able to print properly if the environmental conditions are not suitable for the paper. Be sure to use the printer in an environment where the paper's requirements are met. For more details, see the documentation supplied with the paper. Also, when operating in dry areas, air conditioned environment, or under direct sunlight, maintain the appropriate humidity.

❏ Do not install the printer next to heat sources or directly in the path of air from a ventilator or air conditioner. Failure to observe this precaution could result in the print head nozzles drying and clogging.

❏ The print head may not be capped (i.e., may not move to the right-hand side) if an error occurs and the printer is turned off without first resolving the error. Capping is a function for automatically covering the print head with a cap (lid) to prevent the print head from drying out. In this case, turn on the power and wait a while until capping is performed automatically.

❏ When the power is on, do not remove the power plug or cut the power at the breaker. The print head may not be capped properly. In this case, turn on the power and wait a while until capping is performed automatically.

❏ The printer may automatically perform print head cleaning to maintain good printing quality. Please wait until cleaning finishes without opening any of the covers or turning off the power.

**Introduction**

# Notes when not using the printer

If you are not using it, note the following points when storing the printer. If it is not stored correctly, you may not be able to print properly the next time it is used.

❏ When storing the printer, store it flat with the ink cartridges installed. Do not place the printer tilted, upright, or upside down.

❏ If you do not print for a long time, the print head nozzles may become clogged. We recommend that you print once a week to prevent the print head from clogging.

❏ The roller may leave an impression on paper that is left in the printer. This can also cause wavy or curled paper resulting in paper feeding problems or the print head could be scratched. Remove any paper when storing.

❏ Store the printer after confirming that the print head has been capped (the print head is positioned at the far right). If the print head is left uncapped for a long time, the print quality may decline.

> *Note:*
> *If the print head is not capped, turn the printer on, and then turn it off.*

❏ To prevent the accumulation of dust and other foreign matter in the printer, close all covers before placing it in storage.
If the printer will be not be used for an extended period, protect it with an anti-static cloth or other cover.
The print head nozzles are very small, and they can become clogged easily if fine dust gets on the print head, and you may not be able to print properly.

❏ The print head may fail if the environmental temperature becomes -10°C or lower. If the environmental temperature in the room or during transport is expected to become -10°C or lower, be sure to discharge the ink in advance.
U "Handling if Transporting/Leaving the Printer in an Environment of -10°C or Less" on page 182

# Notes on handling ink cartridges

Note the following points when handling ink cartridges to maintain good print quality.

❏ The ink cartridges packaged with your printer are partly used during initial setup. In order to produce high quality printouts, the print head in your printer will be fully charged with ink. This one-off process consumes a quantity of ink and therefore these cartridges may print fewer pages compared to subsequent ink cartridges.

❏ We recommend that ink cartridges be stored at room temperature out of direct sunlight and used before the expiry date printed on the packaging.

❏ To ensure good results, we recommend that all the ink in the cartridge be used within a year of installation.

❏ Ink cartridges that have been stored at low temperatures for an extended period should be allowed to return to room temperature over a period of at least four hours.

❏ Do not touch the IC chips on the ink cartridges. You may not be able to print properly.
U "Replacing Ink Cartridges" on page 145

❏ Install ink cartridges into all slots. You cannot print if any of the slots are empty.

❏ Do not leave the printer without ink cartridges installed. The ink in the printer may dry, preventing it from printing as expected. Leave ink cartridges in all slots even while you do not use the printer.

❏ The ink level and other data are stored in the IC chip, allowing cartridges to be used after being removed and replaced.

❏ To avoid getting dirt on the ink supply port, store the removed ink cartridge properly. The ink supply port has a valve in it so it does not need to be capped.

❏ Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.

**Introduction**

❏ To maintain the quality of the print head, this printer stops printing before ink cartridges are completely expended.

❏ Although the ink cartridges may contain recycled materials, this does not affect printer function or performance.

❏ Do not dismantle or remodel ink cartridges. You may not be able to print properly.

❏ Do not drop or otherwise subject an ink cartridge to a strong impact. Ink may leak from the cartridge.

❏ A mixture of color inks may be used to print black depending on the paper type and print quality settings even for black and white and grayscale printing.

# Notes on handling paper

Note the following points when handling and storing the paper. If the paper is not in good condition, print quality may decline.

Check the documentation supplied with each paper.

## Notes on Handling

❏ Use Epson special media under normal room conditions (temperature: 15 to 25°C, humidity: 40 to 60%).

❏ Do not fold the paper or scratch the surface of the paper.

❏ Avoid touching the printable surface of the paper with your bare hands. Moisture and oils from your hands can affect print quality.

❏ Handle paper by the edges. We recommend wearing cotton gloves.

❏ Changes in temperature and humidity may cause paper to become wavy or curled. Check the following points.

　❏ Load the paper just before printing.

　❏ Do not use wavy or curled paper.
　　For roll paper, cut off the wavy or curled parts and then load it again.
　　For cut sheets, use new paper.

❏ Do not wet the paper.

❏ Do not throw away the paper packaging as you can use it for storing the paper.

❏ Avoid locations that are subject to direct sunlight, excessive heat, or humidity.

❏ Keep cut sheets in their original package after opening, and keep them in a flat place.

❏ Remove roll paper that is not in use from the printer. Rewind it correctly and then store it in the original packaging that came with the roll paper. If you leave the roll paper in the printer for a long time, its quality may decline.

## Notes on handling printed paper

To maintain long lasting, high quality print results, note the following points.

❏ Do not rub or scratch print outs. If they are rubbed or scratched, the ink may peel off.

❏ Do not touch the surface of print outs. The ink may peel off.

❏ Make sure the print outs are completely dry before folding of stacking; otherwise, the color may change where they touch (leaves a mark). These marks will disappear if they are separated immediately and dried; however, they will remain if not separated.

❏ If you put the print outs in an album before they are completely dry, they may be blurred.

❏ Do not use a dryer to dry the print outs.

❏ Avoid direct sunlight.

❏ Prevent color distortion while displaying or storing the print outs by following the instructions in the paper's documentation.

**Introduction**

*Note:*
*Typically, print outs and photos fade over time (color distortion) due to the effects of light and various constituents in the air. This also applies to Epson special media. However, with the correct storage method, the degree of color distortion can be minimized.*

❏ *See the documentation supplied with Epson special media for detailed information on handling the paper after printing.*

❏ *The colors of photos, posters, and other printed materials appear different under different lighting conditions (light sources\*). The colors of print outs from this printer may also appear different under different light sources.*
*\* Light sources include sunlight, fluorescent light, incandescent light, and other types.*

# Saving Power

The printer enters sleep mode or turns off automatically if no operations are performed for a set period. You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

**Sleep mode**

The printer enters sleep mode when there are no errors, no print jobs being received, and no control panel or other operations performed. When the printer enters sleep mode, the control panel's screen turns off and the internal motors and other parts switch off to consume less power.

Sleep mode is exited if a print job is received or the screen of the control panel is touched.

The delay before the printer enters sleep mode can be selected from values between 1 and 210 minutes. At default settings, the printer enters sleep mode if no operations are performed for 15 minutes. The delay can be changed from the **Basic Settings** menu.

*Note:*
*When the printer enters sleep mode, the control panel's screen goes blank as if the power has been turned off, but the ⏻ light remains lit.*

**Power Off Timer**

This function automatically turns the printer off if no errors occur, no print jobs are received, and no control panel or other operations are performed for a set period of time.

The default setting differs as follows depending on the model.

❏ SC-T5400/SC-T3400/SC-T3400N/SC-T5480/ SC-T3480N
Set to **8h**.

❏ SC-T5460/SC-T3460/SC-T3460N/SC-T5430/ SC-T3430
Set to **Off**.

Power Off Timer settings can be changed from the Basic Settings menu.

# Introducing the Software

## Provided Software

The following table lists the provided software.

The supplied software disc contains the software for Windows. When using a Mac or a computer without a disc drive, download the software from http://epson.sn and then install it.

For details on the various software, see the online help of each software or the *Administrator's Guide* (online manual).

> *Note:*
> *Convenient software compatible with this printer is introduced on the Epson website. Please check the information from the following link.*
>
> *http://www.epson.com*

| Software Name | Function |
|---|---|
| Printer Driver | Install the printer driver to take full advantage of the functionality of this printer when printing.<br><br>U "Printing with the Printer Driver from Your Computer" on page 45 |
| EPSON Software Updater | Software to check whether there is any software update information and then notify you and install the software if an update is available. It allows you to update the firmware and already installed software of the printer.<br><br>U "Updating Software or Installing Additional Software" on page 26 |
| LFP Print Plug-In for Office<br><br>(Windows Only) | Plug-in software for Microsoft Office applications (Word, Excel, and PowerPoint). Installing this plug-in displays ribbon items in Office applications that give quick access to horizontal and vertical banner printing and enlarged printing.<br><br>It can be installed by selecting it in the Additional Installation screen when installing the software. You can also install it later with EPSON Software Updater.<br><br>The supported Microsoft versions are shown below.<br><br>Office 2003/Office 2007/Office 2010/Office 2013/Office 2016 |
| Epson Edge Dashboard[*] | Convenient software for administrating multiple printers. This enables confirmation in a list of the status of printers registered for monitoring. This also allows simple copying of Custom Paper Settings configured on a single printer to configure multiple other printers.<br><br>U "How to Start" on page 25<br><br>U "Closing" on page 25 |

| Software Name | Function |
| --- | --- |
| EpsonNet Config | Software to configure the initial settings of the network or change the settings of the network in bulk when installing or relocating Epson printers and scanners. |
| | EpsonNet Config is not installed automatically. Download it from the Epson website and then install it if necessary. |
| | http://www.epson.com |
| | For Windows, you can install the software from the following folder on the supplied software disc. |
| | \\Network\EpsonNetConfig |
| | ⏎ *Administrator's Guide* |

*Download software from the Internet, and install. Connect the computer to the Internet and install.

# Built-in Software in the Printer

The following software comes preinstalled in the printer. Start and use it from a Web browser via the network.

| Software Name | Function |
| --- | --- |
| Web Config | The network security settings can be configured from Web Config. This software also has an email notification function for notifying of printer errors and other problems. |
| | ⏎ "How to Use Web Config" on page 24 |

# How to Use Web Config

This section describes how to start the software and provides a summary of its functions.

## How to Start

Start the software from a web browser on a computer or smart device that is connected to the same network as the printer.

**1** Check the IP address of the printer.

Touch 🛜📶 on the Home screen, select the connected network, and check the IP address.

> *Note:*
> *The IP address can also be checked by printing a network connection check report. A report can be printed by touching the following in order from the Home screen.*
>
> ***Settings** - **General Settings** - **Network Settings** - **Connection Check***

**2** Start a Web browser on a computer or smart device connected to the printer via the network.

**3** Enter the IP address of the printer in the address bar of the Web browser and press the **Enter** or **Return** key.

Format:

IPv4: http://IP address of printer/

IPv6: http://[IP address of printer]/

Example:

IPv4: http://192.168.100.201/

IPv6: http://[2001:db8::1000:1]/

## Closing

Close the Web browser.

## Function Summary

This section introduces the main functions of Web Config. See the *Administrator's Guide* for more details.



## Main Functions

❏ Check the printer's status, such as the remaining amount of ink.

❏ Check and update the printer's firmware version.

❏ Configure the printer's network settings and advanced security settings, such as SSL/TLS communication, IPsec/IP filtering, and IEEE802.1X, which cannot be configured with the printer alone.

❏ Edit the custom paper settings and export and import the settings.
The custom paper settings registered in **Settings** - **General Settings** - **Printer Settings** - **Custom Paper Setting** of the printer can be changed as well as exported to a file and then imported (registered) to another printer. This is convenient when you install multiple printers and want to use common custom paper settings for them.

# How to Use Epson Edge Dashboard

## How to Start

Epson Edge Dashboard is a Web application that resides on your computer. Starting the computer will automatically start Epson Edge Dashboard and this remains running.

**1** Display the screen as follows.

**Windows**

From the Taskbar on the Windows desktop, click the **Epson Edge Dashboard** icon, and select **Show Epson Edge Dashboard**.

Alternatively, from **Start**, click **All apps** (or **All Programs**) - **Epson Software** - **Epson Edge Dashboard**.

**Mac**

From the desktop menu, click the **Epson Edge Dashboard** icon, and select **Show Epson Edge Dashboard**.

**2** The Epson Edge Dashboard screen appears.

See the Epson Edge Dashboard help for more details.

## Closing

Close the Web browser to close the Epson Edge Dashboard screen. Since Epson Edge Dashboard is a resident software on the computer, it does not stop running.

# Updating Software or Installing Additional Software

When you install the software during setup as described in the *Setup Guide*, Epson Software Updater is installed. Epson Software Updater allows you to update the firmware and already installed software in your computer as well as install additional software compatible with the printer.

> *Note:*
> *The software is updated as needed for greater convenience and more robust functionality. We recommend setting to receive update notifications with Epson Software Updater and updating the software as soon as possible when there is a notification.*

## Checking Whether Updates Available and Updating Software

**1** Check that the computer and printer are in the following states.

- ❏ Computer is connected to the Internet.

- ❏ Printer and computer can communicate.

**2** Start Epson Software Updater.

- ❏ Windows
  Display the list of all the programs and then click Epson Software Updater in the Epson Software folder.

> *Note:*
> ❏ *If you press the Windows key (key with Windows logo mark) on the keyboard and then type the software name in the search box of the displayed window, the software appears immediately.*
>
> ❏ *The software can also be started by clicking the printer icon on the Taskbar of the desktop and then selecting **Software Update**.*

- ❏ Mac
  Select **Go** - **Applications** - **Epson Software** - **EPSON Software Updater**.

**3** Select the software or manuals to be updated and then update them.

Follow the on-screen instructions.

> ⚠ *Important:*
> *Do not turn off the computer or printer during the update.*

> *Note:*
> *Software not displayed in the list cannot be updated with Epson Software Updater. Check the latest versions of software on the Epson website.*
>
> *Please note that you cannot update or install software using Epson Software Updater if you are using a Windows Server OS. Download the software from the Epson website.*
>
> *http://www.epson.com*

## Receiving Update Notifications

### Windows

**1** Start Epson Software Updater.

**2** Click **Auto update settings**.

**3** Select the interval to perform the update check in the **Interval to Check** field of the printer and then click **OK**.

### Mac

The software is set by default to check and notify whether there are updates every 30 days.

# Uninstalling Software

## Windows

> ❗ *Important:*
> ❏ *You must log in as an Administrator.*
> ❏ *If the password or confirmation of an administrator is requested, enter the password and then continue with the operation.*

**1** Turn off the printer, and unplug the interface cable.

**2** Close all applications running on your computer.

**3** Go to the **Control Panel** and click **Uninstall a program** from the **Programs** category.



**4** Select the software you want to remove and then click **Uninstall/Change** (or **Change/ Remove / Add/Remove**).

You can remove the printer driver and EPSON Status Monitor 3 by selecting **EPSON SC-XXXXX Printer Uninstall**.
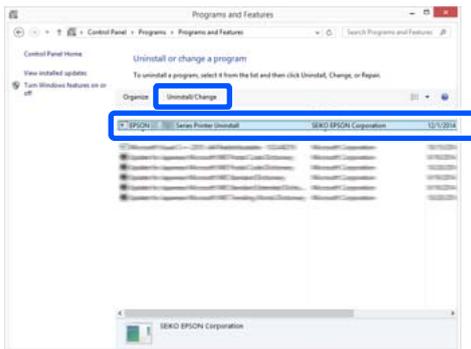


**5** Select the printer icon, and then click **OK**.



**6** Follow the on-screen instructions to continue.

When the delete confirmation message appears, click **Yes**.

Restart the computer if you are reinstalling the printer driver.

## Mac

When reinstalling or upgrading the printer driver or other software, follow the steps below to uninstall the target software first.

**Printer Driver**

Use the "Uninstaller".

**Downloading the Uninstaller**

Download the "Uninstaller" from the Epson website.

http://www.epson.com/

**Using the Uninstaller**

Follow the instructions on the Epson website.

**Other Software**

Drag and drop folder with the software name from the **Applications** folder into **Trash** to delete.

# Loading and Setting the Paper

## Notes on Loading the Paper

> ⚠️ *Caution:*
>
> *Do not rub the edges of the paper with your hands. The edges of the paper are thin and sharp and could cause an injury.*

**Do not load roll paper with the right and left edges uneven**

Loading roll paper with the right and left edges uneven may cause paper feeding problems or paper meandering may occur during printing. Rewind the paper to make the edges even before using roll paper or use roll paper with no problem.
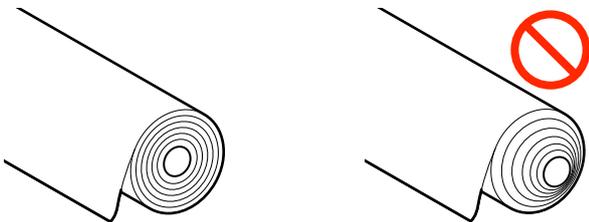
**Do not load curled paper**

Loading curled paper may cause paper jams or soiled prints. Flatten the paper before use by bending it in the opposite way or use paper with no problem.

**Unsupported paper**

Do not use paper that is wavy, torn, cut, folded, too thick, too thin, has a sticker affixed, etc. Doing so may cause paper jams or soiled prints. See the following for paper supported by the printer.

U

U

## Paper Load Position

Roll paper and cut sheets can be loaded. See the following for more details on the paper that can be used with the printer.

U

**Roll Paper**

Roll paper from 254 mm to the maximum printable width can be loaded.
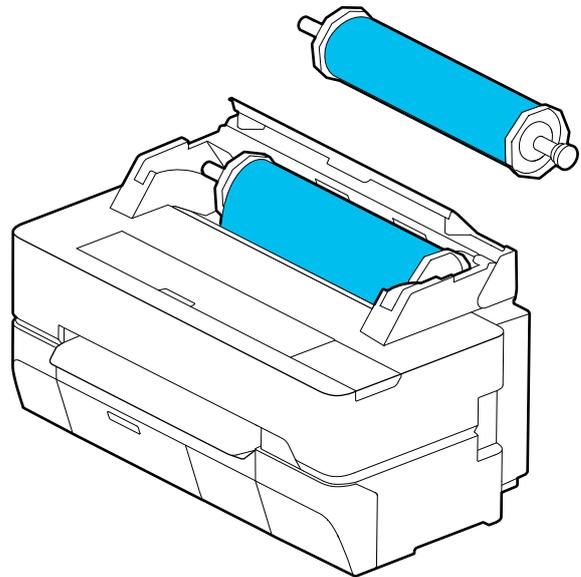
**Cut Sheet(1 sheet)**

One sheet of cut paper from A4 to the maximum printable width can be loaded.
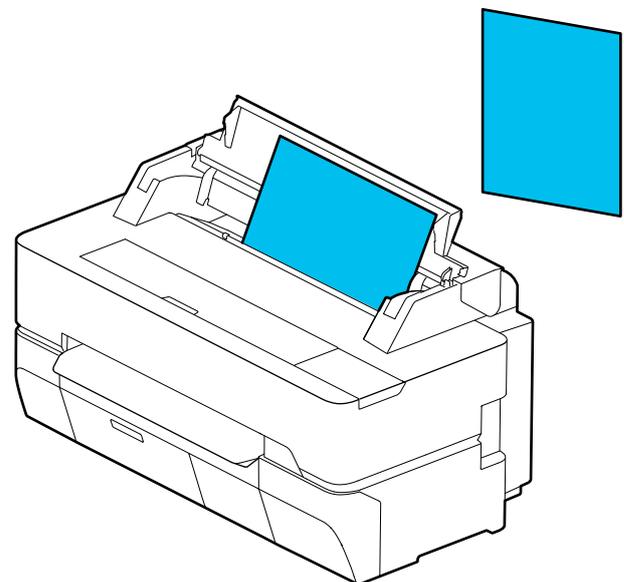
> *Note:*
> *The paper slot for Roll Paper and Cut Sheet(1 sheet) is the same. Insert either one into the paper slot.*

# Loading and Removing the Roll Paper

Place the roll paper on the supplied spindle and then load the roll paper in the printer.

When replacing paper, remove the loaded paper first.

U "Removing Roll Paper" on page 34
U "Removing Cut Sheet (1 Sheet)" on page 37

The supplied attachment is only used when loading a 3 inch core roll paper.

> ❗ *Important:*
>
> *The printer only supports plain paper for 3 inch roll cores. Epson cannot guarantee feed and print quality for 3 inch roll cores for other than plain paper.*

## Loading Roll Paper

> *Note:*
> *You can load the paper while viewing the loading procedure on the screen. To view the procedure on the screen, touch the Roll paper information area of the Home screen.*

A  Check that "**Load paper.**" is displayed on the Home screen and then open the cut sheet cover and the roll paper cover.
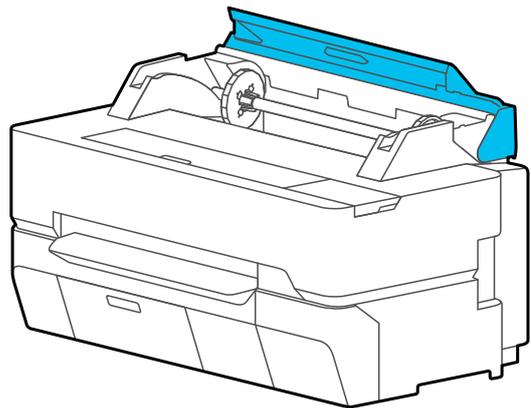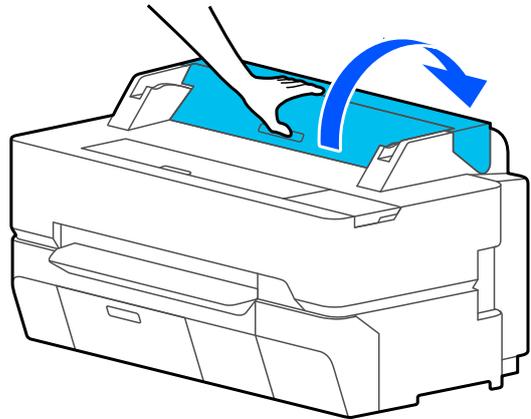


B  Remove the inserted spindle.
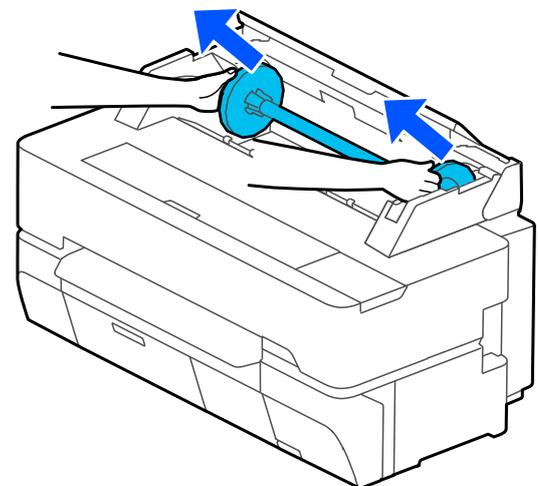
**Loading and Setting the Paper**

3 Pull off the transparent flange from the spindle.
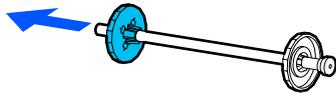


4 Attach or remove the attachments in accordance with the roll core size of the roll paper.

**2 inch roll core**

The attachments are not required. Remove the attachments from the flanges if they have been attached to the flanges.

Push the two tabs on the flange outwards to remove the attachment.

After you remove the attachment from the black flange, remove the attachment from the spindle.
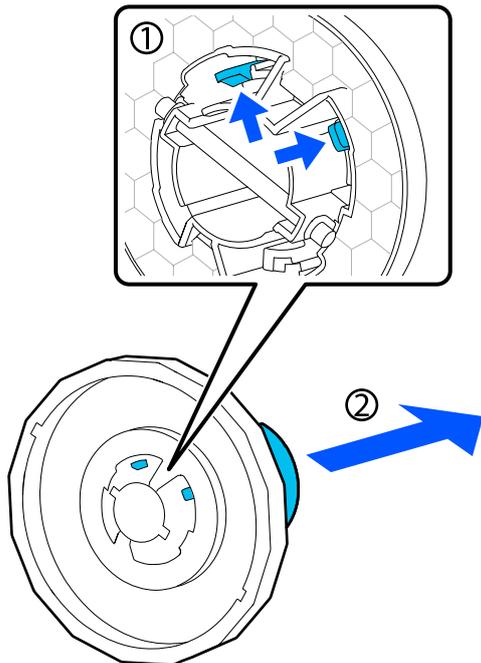


**3 inch roll core**

Attach the attachments to the both flanges. Align the triangle marks on the flange with those on the attachment, and push in until the tabs are secured.
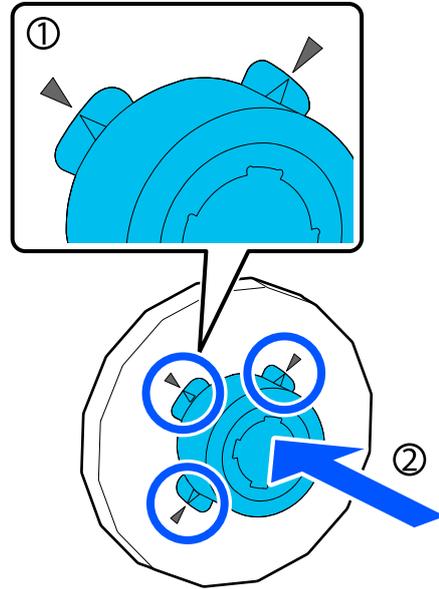


5 Place the roll paper on a flat surface and then insert the spindle.

With the black flange is on the right, orient the roll paper so that the leading edge is as shown in the figure below.
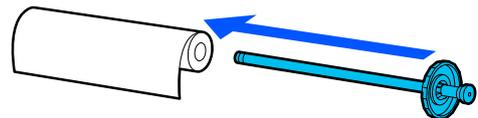


6 Push the flange to the roll paper until there is no gap between the flange and roll paper.
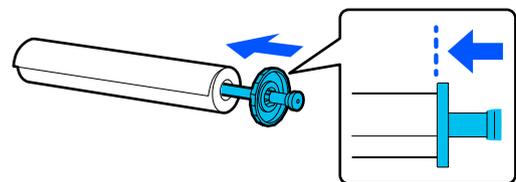
**7** Attach the transparent flange and push it until there is no gap between the flange and roll paper.

If there are gaps between the flanges at both ends and the roll paper, the paper may be fed skewed resulting in an error.
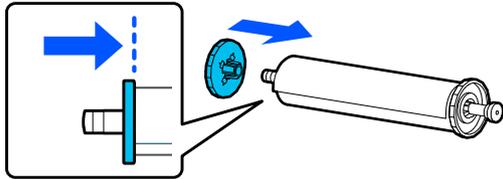


**8** Orient the black flange of the spindle to the right side, and place the spindle into the grooves on the left and right.
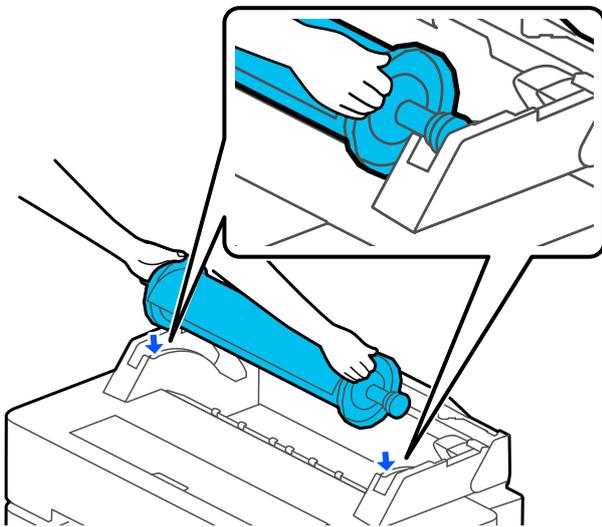


**9** Slide the spindle in along the rails, and set the spindle's both ends in the spindle holders.
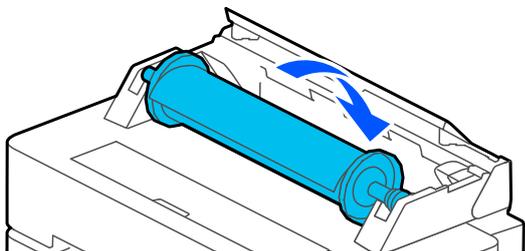


**10** Check that the leading edge of the roll paper is not bent and then insert it into the paper slot until you hear a beep.
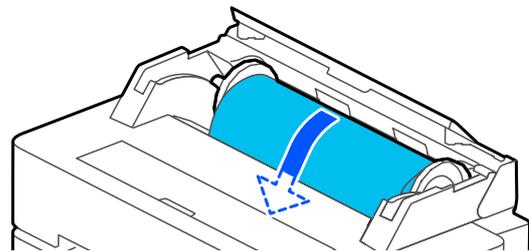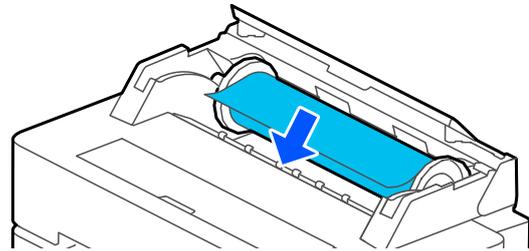


> ❗ *Important:*
>
> *Insert the paper straight into the paper slot. Inserting it skewed will cause a skew error or paper jam.*

> *Note:*
> *If the leading edge of the roll paper is not horizontal or not cut cleanly, it will be cut automatically after loading completes. However, it will not be cut if **Auto Cut** is set to **Off**.*

**11** Close the roll paper cover and cut sheet cover.

**12** On the displayed screen, set the paper type that matches the loaded paper and set remaining amount management if necessary.

**If a barcode giving information on the paper is printed on the roll paper**

When the paper is loaded, the barcode is read automatically, and the media type and roll paper remaining settings are configured automatically. You can start printing once **Ready** appears on the screen.

**If a barcode giving information on the paper is not printed on the roll paper**

See the following.

**13** For SC-T5400 Series and SC-T3400 Series, check that the paper basket attached to the stand is open.

> *Note:*
> *Close the paper basket before printing banners or other documents of sizes that will not fit in the paper basket. Before the paper ejected from the printer touches the floor, we suggest that you take it in both hands close to the paper eject slot and continue to lightly support it until printing is complete.*

# Cutting the Roll Paper

## Auto Cut

Auto Cut is set to On for the printer by default. When On is set, the roll paper is cut automatically at the following times.

❏ When the leading edge is detected as not horizontal
After the roll paper is loaded, the leading edge part is cut straight.

❏ When printing of one page is finished
The roll paper is cut before printing of the next page starts.

If you do not want to cut each page or you want to cut at a desired position, see the following procedure.

## Cutting after Last Page Printed or at Desired Position

Turn off auto cut in the printer driver, print, and then cut using the **Feed/Cut Paper** menu of the printer after printing finishes.

**1** Select **Off** in **Advanced** - **Roll Paper Option** - **Auto Cut** of the printer driver and then print.

Leave the auto cut setting of the printer on.

> *Note:*
> ❏ *The auto cut setting of the printer driver has priority over that of the printer. The auto cut setting of the printer driver is reset to the default setting of **Normal Cut** when the application closes.*
>
> ❏ *To turn off auto cut for HP-GL/2 mode printing, enlarged copying, or direct printing from a USB flash drive, turn off the auto cut setting of the printer. Touch the Roll paper information area - **Advanced Media Setting** - **Auto Cut** - **Off** from the Home screen. The change to the setting is saved as a setting of the currently selected paper type.*

**2** Touch the Roll paper information area - **Feed/Cut Paper** from the Home screen of the printer after printing finishes.

Use the buttons displayed on the screen to cut and feed the paper.

**When cutting at the printer default cut position (right after the bottom margin)**

Touch the ✄ (Cut) button. The paper is cut and the paper leading edge returns to the print wait position.

**When cutting at desired position**

① With the front cover closed, while looking into the printer, touch and hold down the ⬎ (Forward) or ⬏ (Backward) button until the position you want to cut comes to the position of the dotted line in the figure.

A cut position cannot be set further inside than the bottom margin.
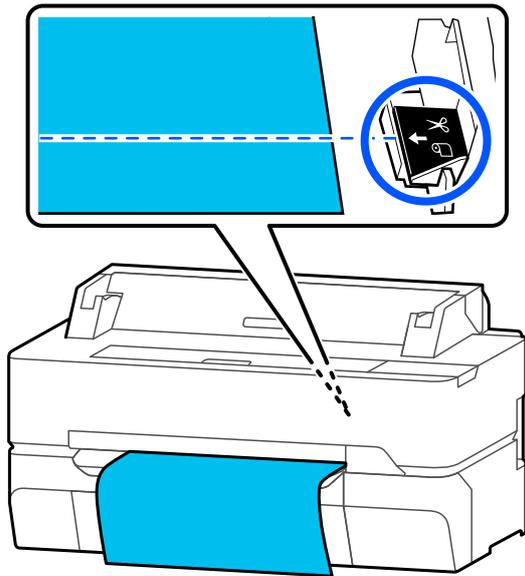
② Touch the ✂ (Cut) button.

The paper is cut.

> **Note:**
> When the length of Ⓐ in the figure is shorter than the following length, the paper is fed automatically until the required length is obtained at the time of cutting.
>
> ❏ Plain paper or tracing paper: 100 mm
>
> ❏ Photo paper or coated paper: 80 mm
>
> ❏ Synthetic paper and other thick paper: 60 mm
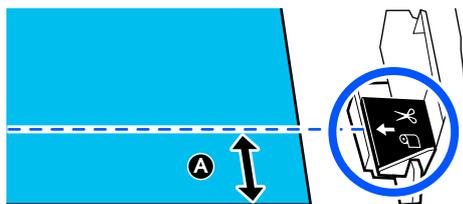


## Cutting Commercially Available Synthetic or Canvas Paper with Scissors

When using commercially available paper that cannot be cleanly cut with the cutter of the printer, print cut lines and cut the paper with scissors.

> ❗ **Important:**
> ❏ If commercially available synthetic or canvas paper is cut with the built-in cutter, the cutter may be damaged or its life may be shortened. When using such paper, cut the paper with scissors as described in the following procedure.
>
> ❏ Do not use a cutter. The printer may be damaged.

**1** Turn off the auto cut setting and then print.

To print cut lines, turn off the auto cut setting of the printer. When printing via the printer driver, also turn off the setting of the printer driver.

❏ Printer settings
Roll paper information area - **Advanced Media Setting** - **Auto Cut** - **Off** from the Home screen.

❏ Printer driver settings
**Advanced** - **Roll Paper Option** - **Auto Cut** - **Off**

**2** Touch the Roll paper information area - **Feed/Cut Paper** from the Home screen of the printer after printing finishes.

**3** Operate the buttons displayed on the screen.

**When printing cut lines at the printer default position (right after the bottom margin)**

Touch the ✂ (Cut) button. The cut or print cut lines selection screen appears.

**When printing cut lines at desired position**

With the front cover closed, while looking into the printer, touch and hold down the ⬇️ (Forward) or ⬆️ (Backward) button until the position of the cutting lines you want to print comes to the position of the dotted line in the figure.
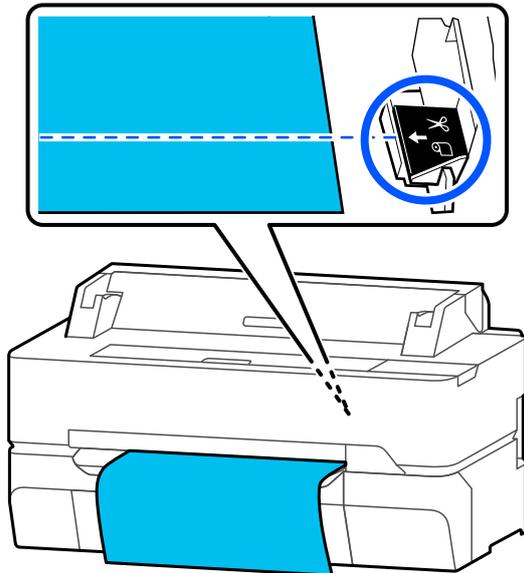


Cut lines cannot be printed further inside than the bottom margin. Once you have finished moving the paper, touch ✂️ (Cut). The cut or print cut lines selection screen appears.

**4** Touch **Print Cutting Guideline**.

Cut lines are printed and the paper is ejected automatically to a position where it can be easily cut with scissors.

**5** Cut the paper along the cut lines with scissors and then touch **Done**.

The paper rewinds to return the paper leading edge to the print wait position.

# Removing Roll Paper

This section describes how to remove and store roll paper after printing.

The rollers may leave impressions on roll paper if you leave the paper loaded in the printer. In addition, the paper may become wavy or curled due to damp, which may cause paper feeding problems, paper jams, or soiled prints.

We recommend that you return the paper to its original package and store it flat, and take it out of the package for use when printing.

**1** Touch the Roll paper information area - **Remove** from the Home screen.

The paper is rewound and ejected.

When Manage Remaining Amount is set to On, the barcode is automatically printed prior to rewinding.

> *Note:*
> *If printed paper is not cut and remains, a confirmation screen appears.*
>
> *Touch **Cut** to cut the paper at the default cut position or touch **Print Cutting Guideline** to print cut lines at the default position.*
>
> *If you want to change the cut position or cut lines print position to a desired position, touch **Close** to cancel the message, and change the position in the Feed/Cut Paper menu.*
>
> *See the following for more details.*

**2** Open the cut sheet cover and the roll paper cover.
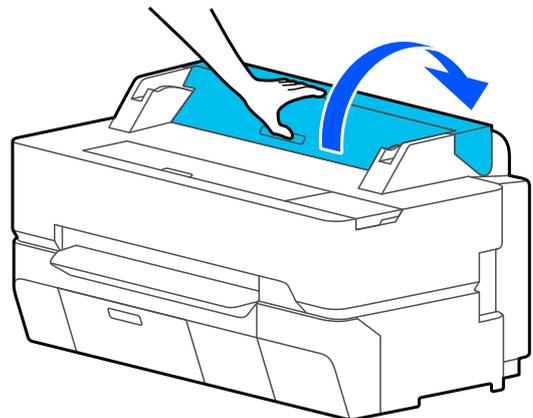


**3** Hold the flanges on both ends of the spindle and remove the spindle from the spindle holder.
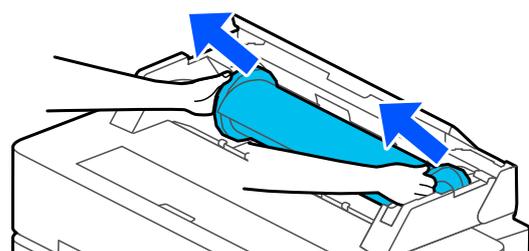
**Loading and Setting the Paper**

D Detach the transparent flange from the spindle.
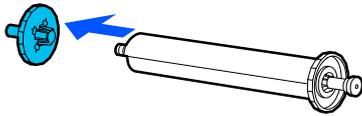


E Remove the spindle from the roll paper.
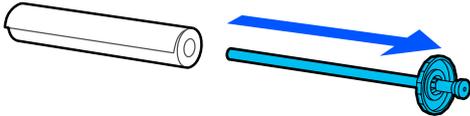


> **!Important:**
>
> *After rewinding the roll paper carefully, store it in the original package.*

F Attach the transparent flange to the spindle and return the spindle in the printer.
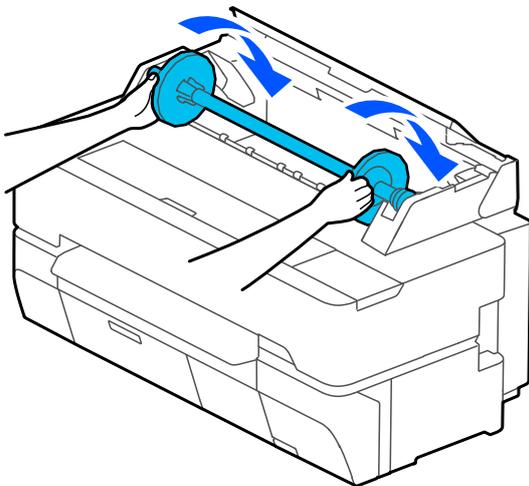


G Close the roll paper cover and cut sheet cover.

# Loading and Removing Cut Sheet(1 sheet)

## Loading Cut Sheet(1 sheet)

When roll paper is loaded, remove it.

U "Removing Roll Paper" on page 34

> *Note:*
> *You can load the paper while viewing the loading procedure on the screen. To view the procedure on the screen, touch **Paper Setting** - **Cut Sheet(1 sheet)** from the Home screen.*

A Check that "**Load paper.**" is displayed on the Home screen and then open the cut sheet cover.
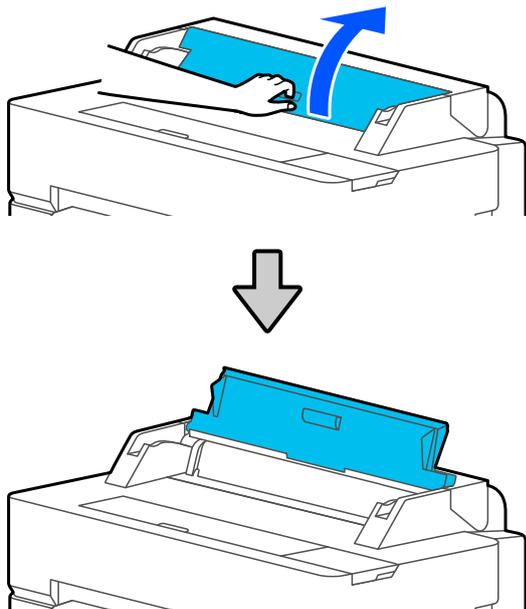


B Load a sheet of paper with the print side facing up, align its right edge with the guide on the right, and move it downwards.
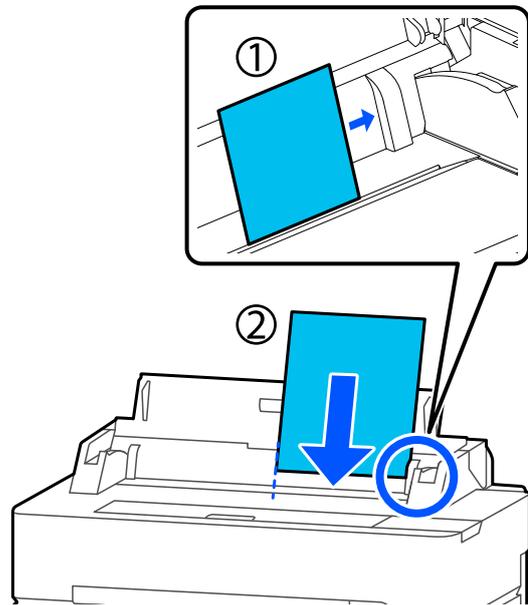


> **!** *Important:*
>
> *Insert all paper in portrait orientation. Inserting paper in landscape orientation may cause a decline in print quality.*

C Insert the leading edge of the paper straight into the paper slot until you hear a beep.

> **!** *Important:*
>
> *Insert the paper straight into the paper slot. Inserting it skewed will cause a skew error or paper jam.*
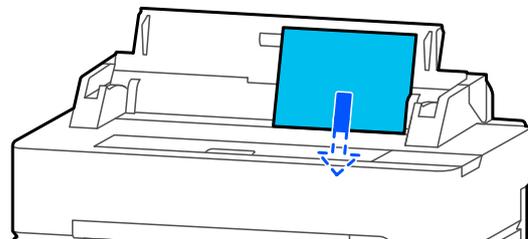


A dialog box to confirm that the paper is not skewed appears.

**4** If the paper is inserted straight, touch **OK**. To reload the paper, touch **Cancel**.

If you have touched **Cancel**, load the paper again from step 2.

**5** On the displayed screen, set the paper type and size that match the loaded paper.

Not setting the appropriate paper type will cause print quality trouble. See the following for more details on the paper types and sizes.

**6** For SC-T5400 Series and SC-T3400 Series, check that the paper basket attached to the stand is open.

# Removing Cut Sheet (1 Sheet)

To remove cut sheet that was loaded but not used, eject using the procedure below.

**1** Touch **Paper Setting** - **Cut Sheet(1 sheet)** - **Remove** from the Home screen.

This starts paper ejection operation.

**2** Hold the edges of the paper with your hands, touch **OK** on the screen, and pull the paper toward you.
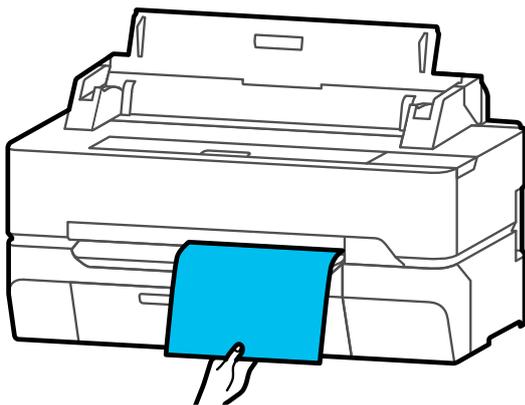
# Setting Loaded Paper

## For Roll Paper

Configure the following settings after loading roll paper.

### Paper Type settings

This is the most important setting to obtain the optimum print results. Not setting a paper type that matches the loaded paper will cause wrinkles, scuffing, uneven colors, and other trouble.

### Manage Remaining Amount settings

When On is selected for Manage Remaining Amount, the printer tracks the following roll paper data.

❏ Roll paper remaining amount display
This displays the approximate remaining amount of roll paper on the printer's Home screen and on the printer driver screen. Furthermore, a notification can also be displayed when the remaining amount has become low.

❏ Remaining amount management when replacing roll paper
The following settings are recorded in a barcode printed on the roll.
The amount of roll paper remaining, the value selected for remaining alert, and the paper type.

The barcode is automatically printed at the end of the roll paper when the roll is rewound. The barcode is automatically read and settings adjusted the next time the roll paper is used, improving efficiency when multiple rolls of paper are used.

## How to Set

1 The currently set paper type is shown on the screen displayed after loading roll paper.



**When changing Paper Type**

Proceed to step 2.

**When setting Paper Remaining without changing Paper Type**

Proceed to step 5.

**When not changing either of them**

Touch **OK**. You can start printing once **Ready** appears on the screen.

> *Note:*
> *The settings are confirmed if no operations are performed for 90 seconds on the above screen. To change the settings later, touch the Roll paper information area - **Change Paper Type** from the Home screen and then configure the settings.*

2 Touch **Paper Type**.
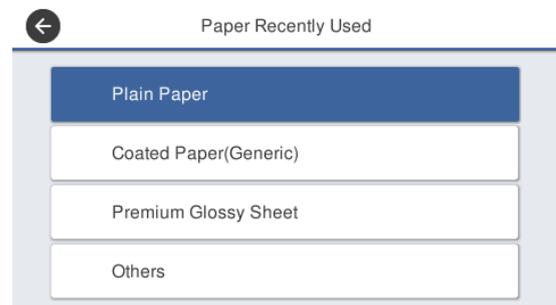
The following paper type selection screen appears.



> *Note:*
> *The most recently selected three paper types are displayed in addition to **Others**.*

3 Select the paper type that matches the loaded roll paper.

**Epson Special Media**

Select the same product name as the one shown on the package of the paper.

**Commercially available non-Epson paper**

Select from the following commercially available paper types.

❏ Plain paper

❏ Coated Paper(Generic)

❏ Photo Paper(Generic)

**Loading and Setting the Paper**

❏ Tracing Paper

❏ Tracing Paper <LowDuty>

❏ Matte Film

To select a paper type that is not displayed on the screen, touch **Others**.
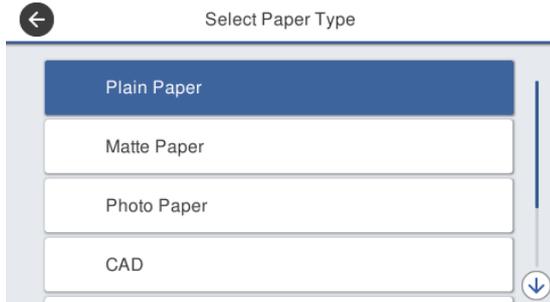


Select a category and select the target paper type.

> *Note:*
> *If you scroll downward in the category selection screen, **Custom Paper** appears. To select custom paper that has already been registered, touch **Custom Paper**.*

**4** When a paper type is selected, the screen returns to the one in step 1.

If you will not set the remaining amount management setting, touch **OK**.

**5** Touch **Paper Remaining**.
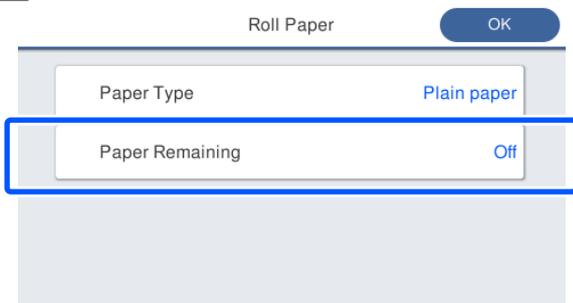


**6** Touch **Setup**.

The setting changes to **On**, and **Remaining Amount** and **Remaining Alert** are enabled. Touch each one and enter a value as follows.

❏ Remaining Amount: Total length of roll paper (see the manual supplied with the roll paper)

❏ Remaining Alert: Remaining amount value that will be the timing for displaying the remaining amount warning notification.
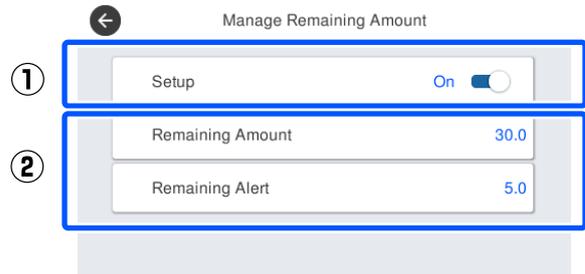


> *Note:*
> *On the keypad screen for entering a numeric value, enter numbers that include a number of the first decimal place. For example, if you want to enter 5 m, touch [5] and [0].*

**7** Touch ⬅ at the top left of the screen to return to the screen of step 5 and then touch **OK**.

You can start printing once **Ready** appears on the screen.

# For Cut Sheet(1 sheet)

Configure the following settings after loading cut sheets.

**Settings of Paper Type**

This is the most important setting to obtain the optimum print results. Not setting a paper type that matches the loaded paper will cause wrinkles, scuffing, uneven colors, and other trouble.

**Settings of Paper Size**

Paper size will not be automatically detected. Set the size of the loaded paper.

## How to Set

**1** The currently set paper type is shown on the screen displayed after loading cut sheet.

| Cut Sheet(1 sheet) | OK |
| --- | --- |
| Paper Type | Plain paper |
| Paper Size | A4 |
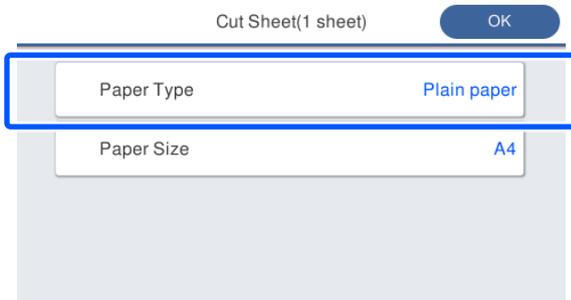
**When changing Paper Type**

Proceed to step 2.

**When changing Paper Size without changing Paper Type**

Proceed to step 4.

**When not changing either of them**

Touch **OK**. You can start printing once **Ready** appears on the screen.

> *Note:*
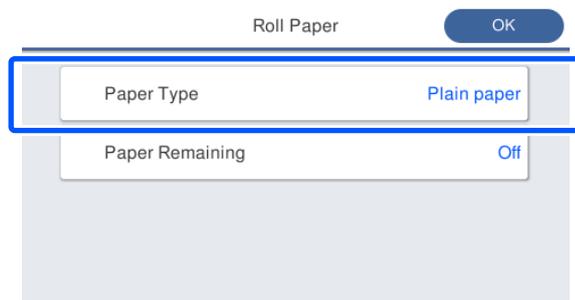> *The settings are confirmed if no operations are performed for 90 seconds on the above screen. To change the settings later, touch the following in order from the Home screen and then configure the settings.*
>
> *Paper Setting - Cut Sheet(1 sheet) - Change Paper Type/Paper Size*

**2** Touch **Paper Type**.
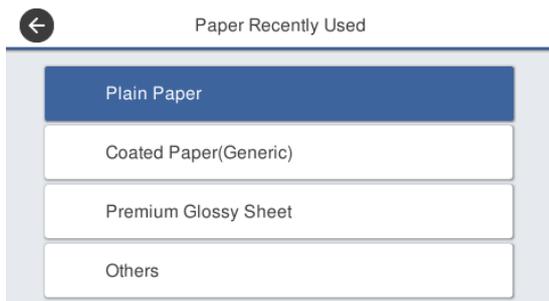
The following paper type selection screen appears.

| Paper Recently Used |
| --- |
| Plain Paper |
| Coated Paper(Generic) |
| Premium Glossy Sheet |
| Others |

> *Note:*
> *The most recently selected three paper types are displayed in addition to **Others**.*

**3** Select the paper type that matches the loaded paper.

**Epson Special Media**

Select the same product name as the one shown on the package of the paper.

**Commercially available non-Epson paper**

Select from the following commercially available paper types.

❏ Plain paper

❏ Coated Paper(Generic)

❏ Photo Paper(Generic)

❏ Tracing Paper

❏ Tracing Paper <LowDuty>

❏ Matte Film

To select a paper type that is not displayed on the screen, touch **Others**.

| Select Paper Type |
| --- |
| Plain Paper |
| Matte Paper |
| Photo Paper |
| CAD |
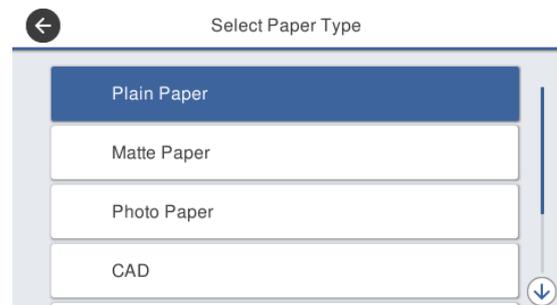
Select a category and select the target paper type. When a paper type is confirmed, the screen returns to the one in step 1.

> *Note:*
> *If you scroll downward in the category selection screen, **Custom Paper** appears. To select custom paper that has already been registered, touch **Custom Paper**.*

**Loading and Setting the Paper**

---

**4** Touch **Paper Size**.

If you will not change the paper size, touch **OK**.

| ← | Paper Size |
|---|---|
| **A Series** | |
| US-ANSI | |
| US-ARCH | |
| B Series (ISO) | |
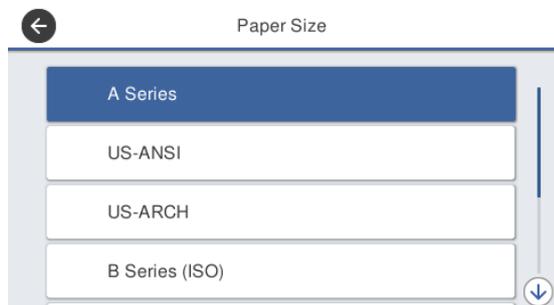
Select a category and select the target paper size.

> *Note:*
> *Setting non-standard size*
>
> *For a non-standard size, touch **User-Defined** at the end of the list and then enter the paper width and length.*
>
> *On the keypad screen for entering a numeric value, enter numbers that include a number of the first decimal place. For example, if you want to enter 5 m, touch [5] and [0].*

**5** When the screen of step 1 is redisplayed, touch **OK**.

You can start printing once **Ready** appears on the screen.

# Optimizing Paper Settings (Media Adjust)

Media Adjust has three main types.

❏ Easy Adjustment

❏ Paper Feed Adjust

❏ Print Head Alignment

Perform Easy Adjustment in the following cases.

❏ Print results have streaks (horizontal banding or uneven colors)

❏ Duplicated ruled lines, warped lettering, or grainy printing

❏ When registered with custom paper settings

> *Note:*
> ***Adjustment for paper registered with custom paper settings***
>
> *With roll paper and cut sheet, optimal paper settings will differ even when the paper types are the same. When registering roll paper and cut sheet with the same paper type, adjust for each of these. For details on custom paper setting, see the following Custom Paper Setting menu.*
>
> U *"General Settings - Printer Settings" on page 123*

However, if a problem with print results can be specified, then perform the following adjustment in accordance with the situation.

❏ If print results have streaks (horizontal banding or uneven colors):
Perform **Paper Feed Adjust** - **Auto**
U "Paper Feed Adjust (Auto)" on page 43

❏ If duplicated ruled lines, warped lettering, or grainy printing:
Perform **Print Head Alignment** - **Auto**
U "Print Head Alignment (Auto)" on page 43

The sensor reads adjustment patterns while it is printing for both of these, and automatically registers the optimum adjustment value to the printer.

# Notes on Making Adjustments

❏ Correctly load the paper that actually requires adjustment and then select the paper type that matches the loaded paper.

❏ If paper with visible curls, wrinkles, waves, folds, or bends is used, correct adjustment may not be possible. Remove curled, wavy, or folded sections by cutting them off.

❏ Ensure that light from outside (direct sunlight, etc.) does not enter the interior of the printer. If this occurs, the printer may not be able to correctly read the adjustment pattern. If light enters the interior of the printer and automatic adjustment is not possible, then carry out manual adjustment.
U "The prints are not what you expected" on page 155

❏ Automatic adjustment is not possible for transparent or colored media. Use manual adjustment.
U "The prints are not what you expected" on page 155

❏ Results of adjustment will differ depending on the paper type.
U "Epson Special Media Table" on page 172
U "Before Printing on Commercially Available Paper" on page 178

# Easy Adjustment

The sensor reads adjustment patterns while it is printing, and automatically registers the optimum adjustment value to the printer. This takes approximately 5 minutes.

The following shows the length and number of sheets of paper used for adjustment pattern printing.

❏ Roll paper: Approx. 344 mm

❏ Cut sheet: 1 sheet for A3+ or larger, 2 sheets for smaller than A3+

**1** Touch the following in order from the Home screen.

❏ Roll paper
Roll paper information area - **Media Adjust**

❏ Cut sheet
**Paper Setting** - **Cut Sheet(1 sheet)** - **Media Adjust**

2 Touch **Easy Adjustment** - **Start**.

Printing of the adjustment patterns starts.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

> *Note:*
> *A print head nozzle clogging check is performed automatically before adjustment pattern printing. If nozzles are determined to be clogged, cleaning starts and the adjustment patterns will be printed after cleaning finishes.*

Refer to the following when the error message **Auto Adjustment is unable to start because there is a problem with the paper or printing status...** appears, or when the adjustment results are not satisfactory.

U "The prints are not what you expected" on page 155

# Paper Feed Adjust (Auto)

The following shows the length and number of sheets of paper used for adjustment pattern printing.

❏ Roll paper: Approx. 230 mm

❏ Cut sheet: 1 sheet for A4 or larger

1 Touch the following in order from the Home screen.

❏ Roll paper
Roll paper information area - **Media Adjust**

❏ Cut sheet
**Paper Setting** - **Cut Sheet(1 sheet)** - **Media Adjust**

2 Touch **Paper Feed Adjust** - **Auto** - **Start**.

Printing of the adjustment patterns starts.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

> *Note:*
> *A print head nozzle clogging check is performed automatically before adjustment pattern printing. If nozzles are determined to be clogged, cleaning starts and the adjustment patterns will be printed after cleaning finishes.*

Refer to the following when the error message **Auto Adjustment is unable to start because there is a problem with the paper or printing status...** appears, or when the adjustment results are not satisfactory.

U "The prints are not what you expected" on page 155

# Print Head Alignment (Auto)

The following shows the length and number of sheets of paper used for adjustment pattern printing.

❏ Roll paper: Approx. 227 mm

❏ Cut sheet: 1 sheet for A4 or larger

1 Touch the following in order from the Home screen.

❏ Roll paper
Roll paper information area - **Media Adjust**

❏ Cut sheet
**Paper Setting** - **Cut Sheet(1 sheet)** - **Media Adjust**

2 Touch **Print Head Alignment** - **Auto** - **Start**.

Printing of the adjustment patterns starts.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

> *Note:*
> *A print head nozzle clogging check is performed automatically before adjustment pattern printing. If nozzles are determined to be clogged, cleaning starts and the adjustment patterns will be printed after cleaning finishes.*

**Loading and Setting the Paper**

Refer to the following when the error message **Auto Adjustment is unable to start because there is a problem with the paper or printing status...** appears, or when the adjustment results are not satisfactory.

U "The prints are not what you expected" on page 155

# Printing with the Printer Driver from Your Computer

## Basic Operating Procedures (Windows)

### Printing Procedure

This section describes the basic procedure to print various data, including the data of Word, Excel, and PowerPoint of Microsoft Office and PDFs of Adobe Acrobat, using the printer driver from a computer.

**A** Turn on the printer, and load the paper.

U "Loading Roll Paper" on page 29

U "Loading Cut Sheet(1 sheet)" on page 36

**B** When you have created the data in the application, click **Print** in the **File** menu.
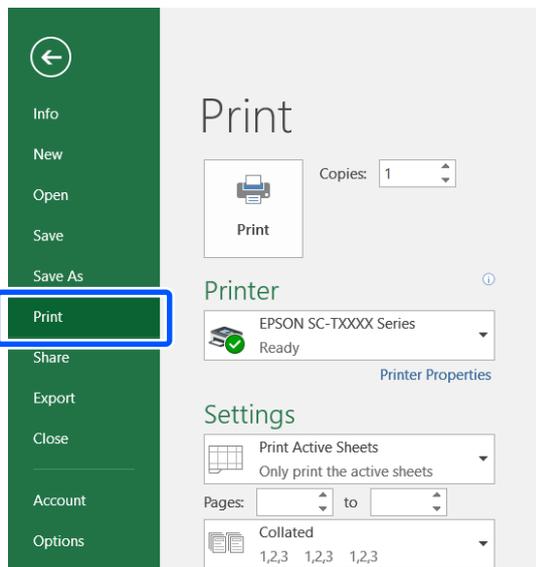


**C** Select the printer in **Printer** and then click **Printer Properties**.

The printer driver dialog will be displayed.
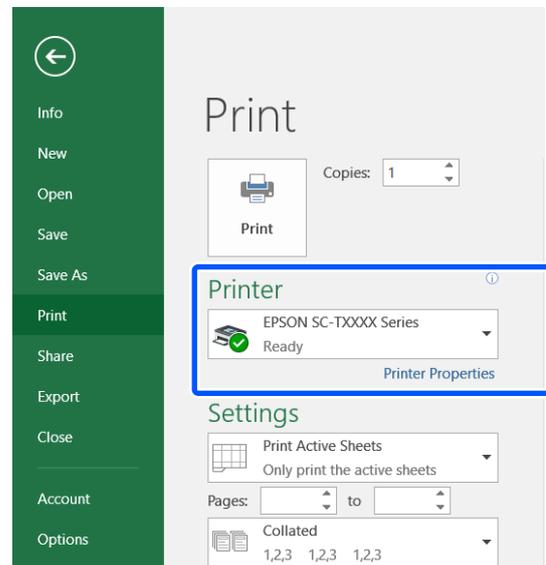


> *Note:*
> *When printing a PDF file*
> *In the Print dialog box of Adobe Acrobat, select the **Actual size** (or **Page Scaling: None**) radial button and **Choose paper source by PDF page size** check box. To enlarge or reduce the size, configure the setting in the printer driver settings dialog box.*
>
> 
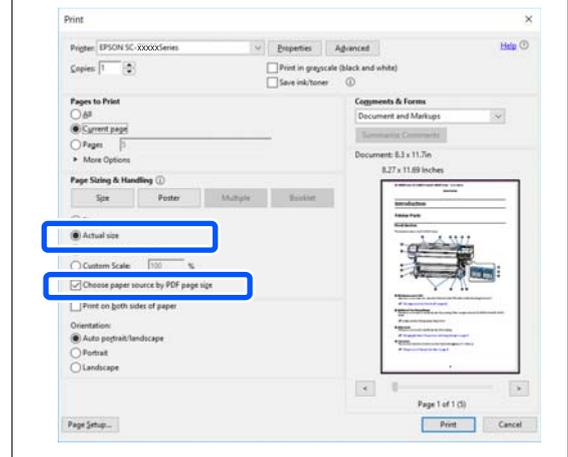
**D** Check **Document Size** on the Printer Settings tab of the printer driver.

The paper size set in the application is displayed automatically. However, the paper sizes (page sizes) of some applications such as PowerPoint may not be displayed correctly. In such a case, click **Settings...** and specify the size in the displayed Change Paper Size dialog box.

8   Check that the **Print Preview** check box is selected and then click **OK**.

If a preview is not necessary, clear the check box and then click **OK**.

*Note:*
*In the print preview, you can check and change the print settings while viewing the image to be actually printed. We recommend to check with the preview when printing on roll paper or large-sized paper.*

9   Click **Print** in the Print dialog box of the application.

The print preview screen appears.

10  Check the print settings in the print preview screen, and if there is no problem, click **Print** to start printing.

The icons and menus at the top of the preview screen allow you to change the image display settings. You can change the print settings using the menus on the right side. See the help for more details.

*Note:*
*See the printer driver help for more details on setting items. You can display the help in the following two ways:*

❏   *Click **Help** at the bottom right of the screen.*

❏   *Right-click the item you want to check and then click **Help**. (This is not possible in the print preview screen.)*

# Canceling Printing

There are a few ways to stop printing operations depending on the situation. When the computer has finished sending data to the printer, you cannot cancel the print job from the computer. Cancel on the printer.

## Canceling from a Computer

**When the Progress Bar is displayed**

Click **Cancel**.
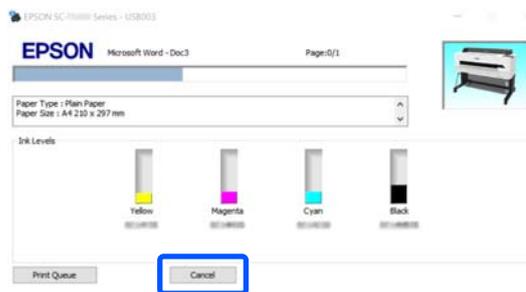
**When the Progress Bar is not displayed**

1   Click the printer icon on the taskbar.

Whether or not an icon is displayed depends on the settings selected for Windows.

**2** Select the print data you want to cancel and click **Cancel** in the **Document** menu.

To cancel all print data, click **Cancel All Documents** in the **Printer** menu.
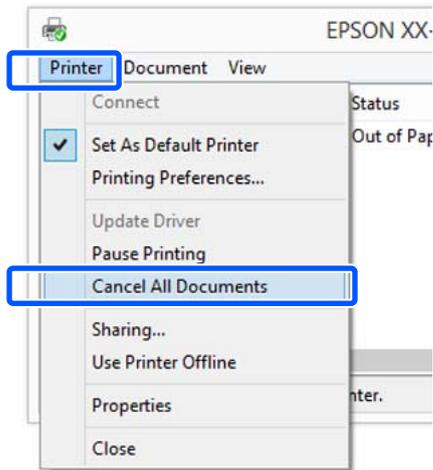
If the job has been sent to the printer, print data is not displayed on the above screen.

## Canceling on the printer

The **Cancel** button is displayed on the control panel screen during printing. Touch the **Cancel** button. The print job is canceled even in the middle of printing. It may take a while before the printer returns to the ready status.

However, print jobs in the print queue on a computer cannot be deleted in this way. Use the procedure of "Canceling from a Computer" to delete print jobs in the print queue.

# Customizing the Printer Driver

You can save the settings or change the display items as you prefer.

## Saving Frequently Used Settings

If you start the printer driver from the Control Panel, change the settings to those you use frequently, and then save the settings, the printer driver's dialog box will be displayed with the saved settings from any application that it is displayed.

**1** Open **View devices and printers** or **Devices and Printers**.

**Windows 10/8.1/8/7**

Click in the following order: **Hardware and Sound** (or **Hardware**) > **View devices and printers** (or **Devices and Printers**).

**Windows Vista**

Click in the following order: **Hardware and Sound** and then **Printer**.

**Windows XP**

Click in the following order: **Printers and Other Hardware**, and then **Printers and Faxes**.

> *Note:*
> *If your Windows XP Control Panel is in* ***Classic View****, click* ***Start****,* ***Control Panel****, and then* ***Printers and Faxes****.*

**2** Right-click your printer icon, and click **Printing preferences**.
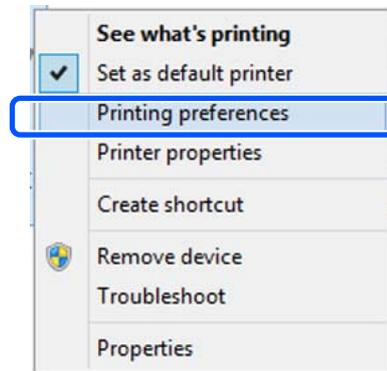
**3** The printer driver setting screen is displayed.
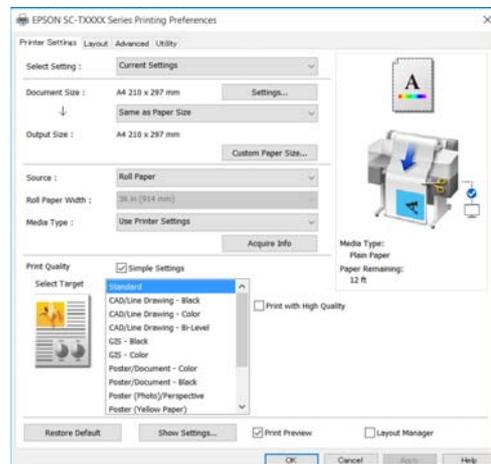
**Printing with the Printer Driver from Your Computer**

Make the necessary settings. These settings become the default settings of the printer driver.

## Saving various settings as your Select Settings

You can save all printer driver settings as a Select Setting. This allows you to easily load settings that have been stored in Select Settings, and repeatedly print using exactly the same settings.

**1** Set each item on the Printer Settings, Layout, and Advanced tabs to the settings you want to save as Select Settings.

**2** Click **Custom Settings**.
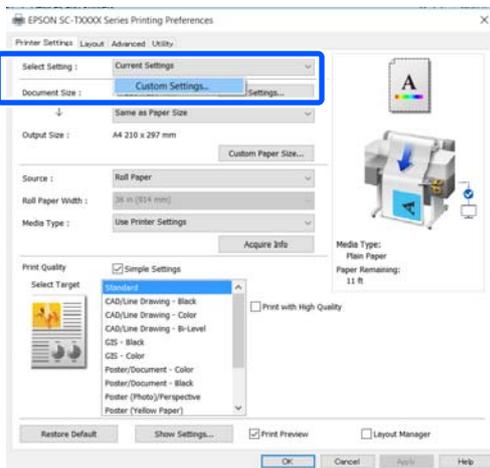


**3** Enter the desired name in **Name**, and then click **Save**.
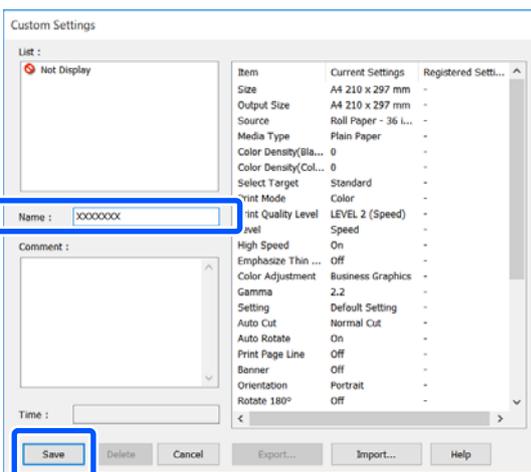


You can save up to 100. The saved select settings can be recalled from **Select Setting**.

*Note:*
*How to share Select Setting settings with multiple computers*
*Select the settings you want to share, click Export..., and then export the settings to a file. Display the same screen of the printer driver on another computer, click Import..., and then import the settings.*

## Rearranging display items

The display items of **Select Setting**, **Media Type**, and **Paper Size** can be arranged as follows to display the ones you use normally right away.

❏ Hide unnecessary items.

❏ Rearrange in an order of most frequent use.

❏ Arrange in groups (folders).

**1** Click **Utility** tab - **Menu Arrangement**.
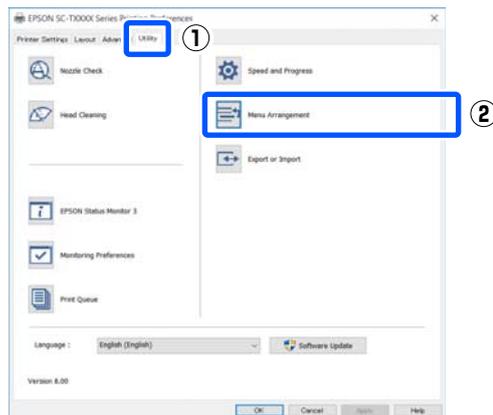


**2** Select **Edit Item**.
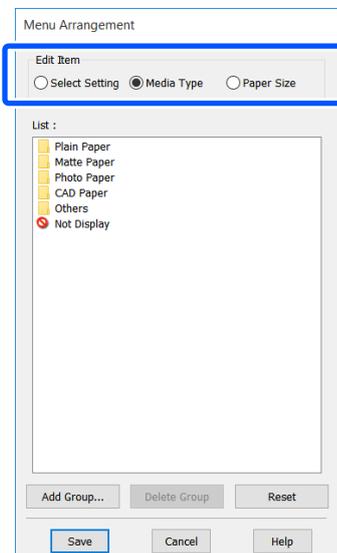
**Printing with the Printer Driver from Your Computer**

**3** Change the display order and groups in **List**.

❏ You can move and order items by dragging and dropping.

❏ To add a new group (folder), click **Add Group...**.

❏ To delete a group (folder), click **Delete Group**.

❏ Drag and drop unnecessary items to **Not Display**.
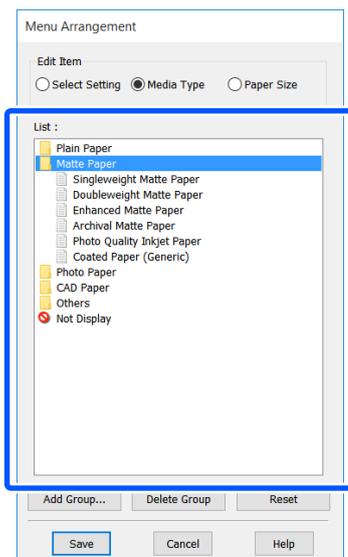


*Note:*
*When **Delete Group** is performed, the group (folder) is deleted, but the settings in the deleted group (folder) remain. Delete them individually from **List** in the save location.*

**4** Click **Save**.

# Basic Operating Procedures (Mac)

## Printing Procedure

This section describes the basic procedure to print using the printer driver from a computer.

### Basic Printing Procedure

**A** Turn on the printer, and load the paper.

U "Loading Roll Paper" on page 29

U "Loading Cut Sheet(1 sheet)" on page 36

**B** When you have created the data in the application, click **Print** in the **File** menu.
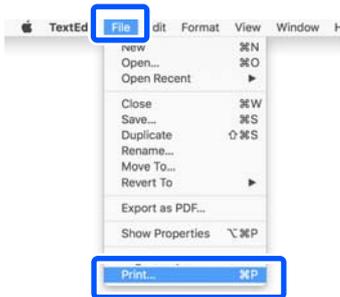
**C** Click **Show Details** (or ▼) at the bottom of the screen.

*Note:*
*If page settings are not displayed in the print dialog, click the "page settings" option (e.g., **Page Setup**) in the **File** menu.*
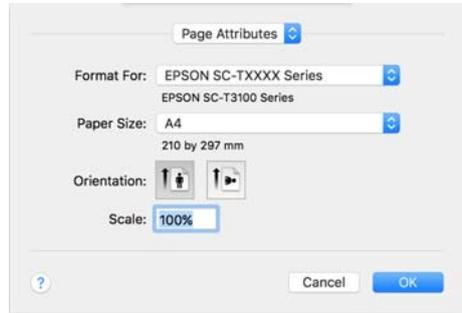
**D** Check that this printer is selected, and then set the paper size.

Paper size settings set items including paper size, borderless methods, and paper source.
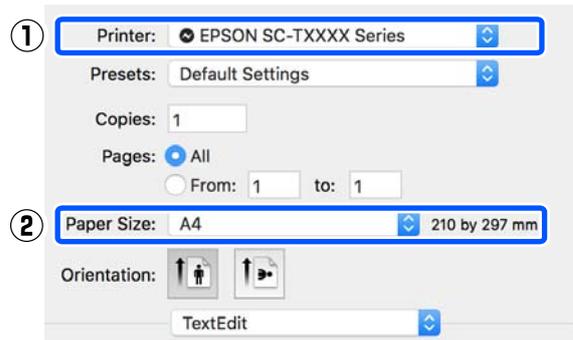
**E** Select **Printer Settings** from the list and set **Output Size**.

If **Printer Settings** is not displayed in the list, the dedicated printer driver for this printer has not been added. See the following and then add the printer driver.

U "How to Select the Dedicated Printer Driver for This Printer" on page 53

To enlarge or reduce the size, select from the pull-down menu below the Paper Size.
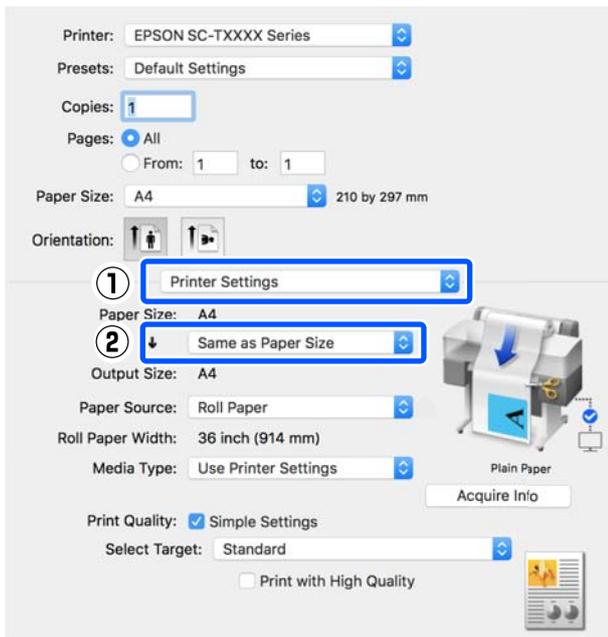
See the following for more details on enlargement settings.

U "Enlargements and Horizontal and Vertical Banners" on page 57

**F** Select Select Target in **Print Quality**.

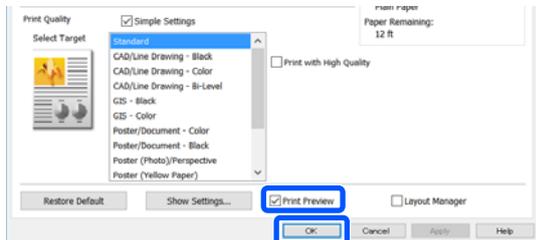Choose an option according to the type of document and how it will be used.
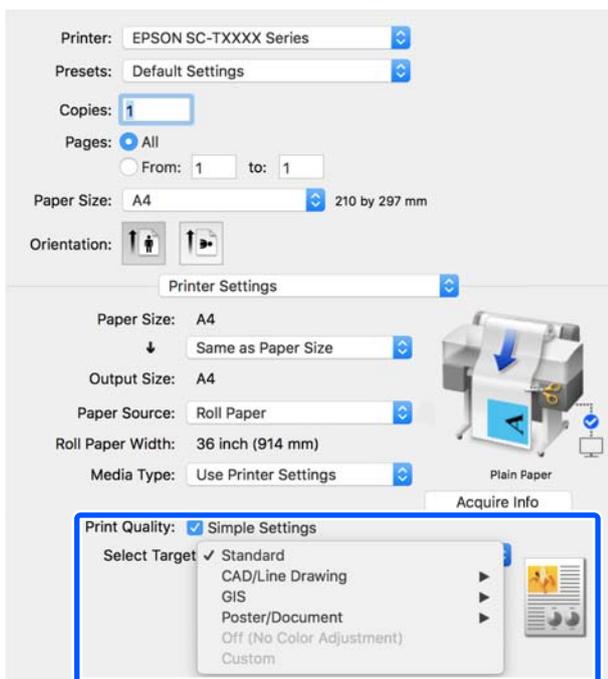
To set the color correction method or color balance in detail to match your preferences, clear the **Simple Settings** check box. See the following for more details.

U "Correct color and print" on page 70

**G** Check that the **Print Preview** check box is selected and then click **Print**.

If a preview is not necessary, clear the check box and then click **Print**.
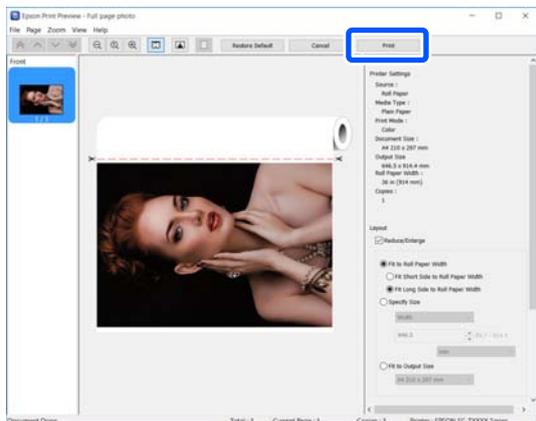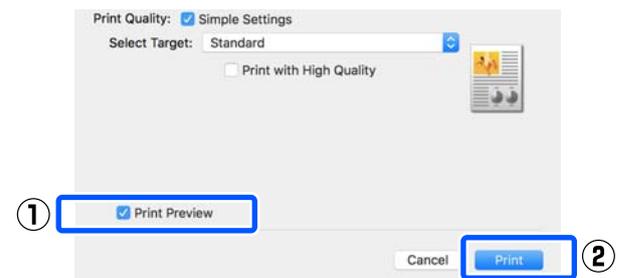
> *Note:*
> *In the print preview, you can check and change the print settings while viewing the image to be actually printed. We recommend to check with the preview when printing on roll paper or large-sized paper.*

**H** Check the print settings in the print preview screen, and if there is no problem, click **Print** to start printing.
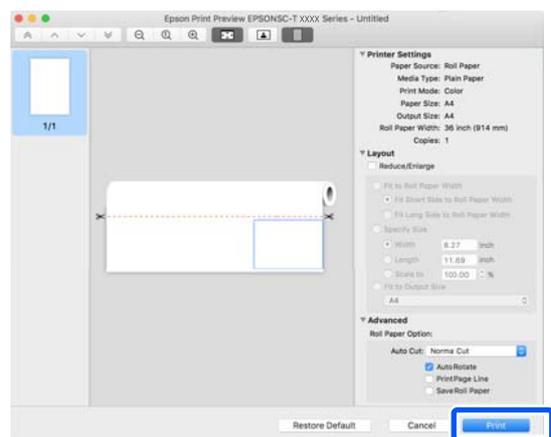
The icons and menus at the top of the preview screen allow you to change the image display settings. You can change the print settings using the menus on the right side. See the help for more details.

*Note:*
*See the printer driver help for more details on setting items. Click ⍰ in the printer driver settings dialog box to display Help.*

## How to Select the Dedicated Printer Driver for This Printer

If the menus described in the previous section "Basic Printing Procedure" are not displayed, select the dedicated printer driver for the printer in **Printer**. The dedicated printer driver for this printer is displayed as follows.

❏ When USB connection
EPSON SC-TXXXX

❏ When network connection
EPSON TXXXX or EPSON TXXXX-YYYYYY

*: "XXXX" is the product model number. "YYYYYY" is the last six digits of the MAC address.

If the dedicated printer driver for this printer is not displayed in the list, add it with the following procedure.

A Select **System Preferences** - **Printers & Scanners** (or **Print & Scan** / **Print & Fax**) from the Apple menu.

B Click [+] and select **Add Printer or Scanner**.

C When the list of devices appears, select the dedicated printer driver for this printer and click **Add**.

## Canceling Printing

There are a few ways to stop printing operations depending on the situation. When the computer has finished sending data to the printer, you cannot cancel the print job from the computer. Cancel on the printer.

## Canceling from a Computer

A Click the icon of this printer in the Dock.

B Select the job you want to cancel, and then click **Delete**.
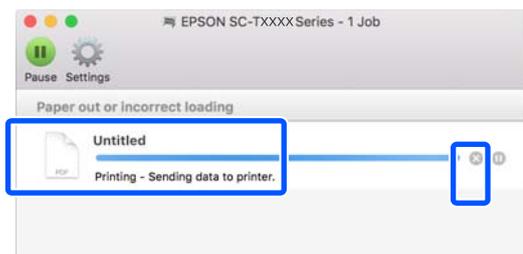
If the job has been sent to the printer, print data is not displayed on the above screen.

## Canceling on the printer

The **Cancel** button is displayed on the control panel screen during printing. Touch the **Cancel** button. The print job is canceled even in the middle of printing. It may take a while before the printer returns to the ready status.

However, print jobs in the print queue on a computer cannot be deleted in this way. Use the procedure of "Canceling from a Computer" to delete print jobs in the print queue.

## Customizing the Printer Driver

You can assign a name to frequently used setting information (paper size and each item of the basic settings) and then save the information to **Presets**. This allows you to easily load settings and repeatedly print using exactly the same settings.

## Saving Frequently Used Settings as Preset

A Set each item on the Paper Size and Printer Settings tabs to the settings you want to save as Presets.

**2** Click **Save Current Settings as Preset** in **Presets**.
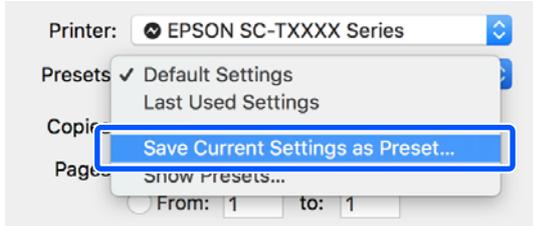


**3** Enter a name, and then click **OK**.



> **Note:**
> When **All printers** is selected from **Preset Available For**, you can select the saved **Presets** from all printer drivers installed on your computer.

The settings are saved to **Presets**. You can then select the settings you saved from **Presets**.
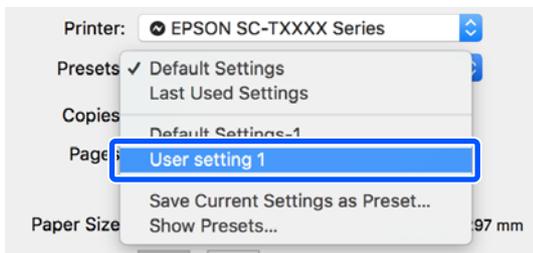


## Deleting from Presets

**1** Click **Show Presets...** in **Presets** of the Print dialog box.
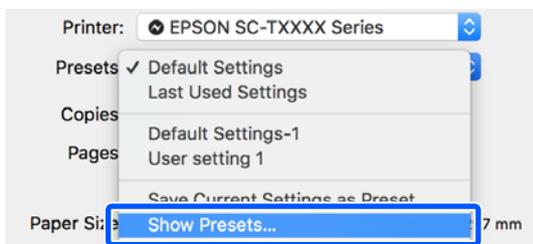


**2** Select the setting you want to delete, click **Delete**, and then click **OK**.
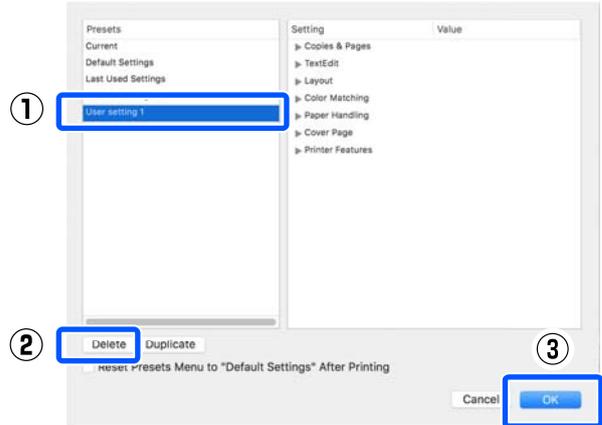
# Printing CAD Drawings

There are the following two methods to print CAD drawings.

**Printing with the printer driver**

This method is best suited for printing CAD drawings such as the appearance views of buildings at high quality. This section describes the procedure to print using the printer driver from AutoCAD 2018.



> ❗ *Important:*
>
> *If lines or parts in your drawing are not printed properly, print using the HP-GL/2 or HP RTL mode.*

**Printing using the HP-GL/2 or HP RTL mode**

This method is best suited for printing CAD and GIS drawings such as maps and blueprints.
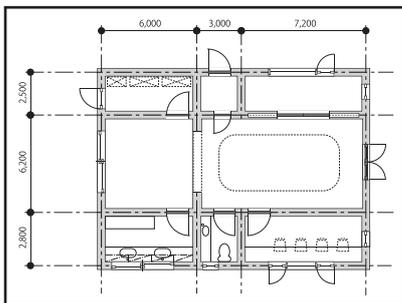


You can print from an application that supports HP-GL/2 (compatible with HP Designjet 750C) and HP RTL. See the following for more details.

U "Printing Using the HP-GL/2 or HP RTL Mode from a Computer" on page 91

**A** Open the data to be printed and then click **Plot**.
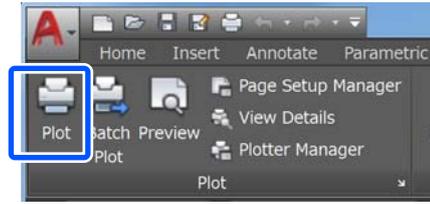


**B** Select the printer in **Printer/plotter** and then click **Properties**.
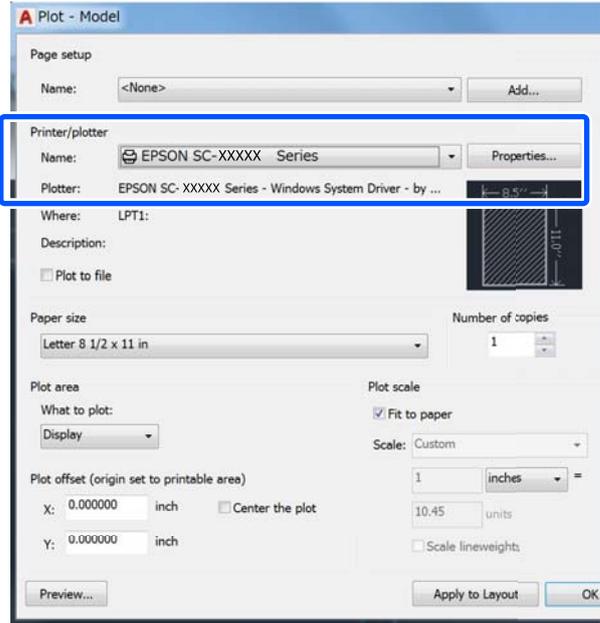


**C** Click **Custom Properties**.
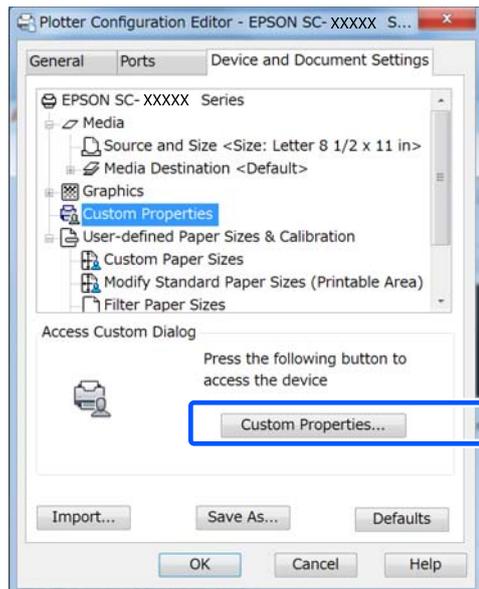


The printer driver's dialog box for this printer appears.

4 Set Output Size and Source in the printer driver.

U "Basic Operating Procedures (Windows)" on page 45

U "Basic Operating Procedures (Mac)" on page 51

5 Select **CAD/Line Drawing - Black**, **CAD/Line Drawing - Color**, or **CAD/Line Drawing - Bi-Level** from the **Select Target** list.

**Windows**
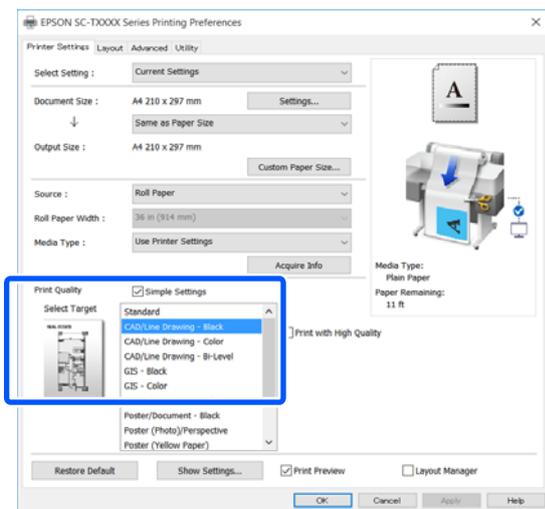


**Mac**
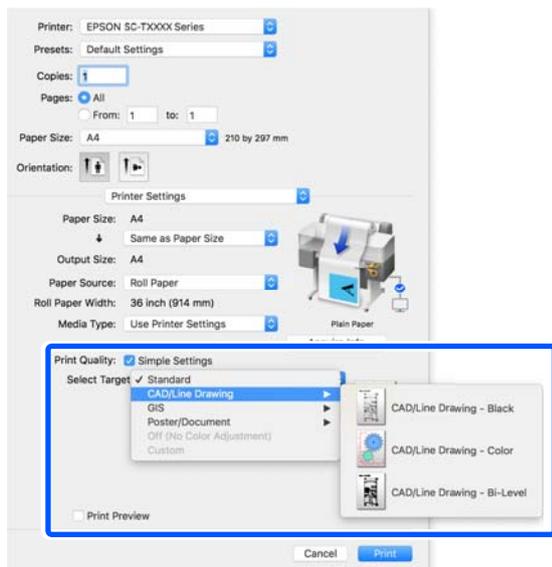


6 Check other settings, and then start printing.

> *Note:*
> *If the output size is portrait and the height is smaller than the width of the roll paper, the print image is printed rotated 90° to save paper. This function is enabled if the **Auto Rotate** check box is selected in **Roll Paper Option** on the **Advanced** tab.*

# Enlargements and Horizontal and Vertical Banners

The printer driver can enlarge or reduce documents for different paper sizes. There are three setting methods.

Before printing at non-standard sizes, including vertical or horizontal banners and documents with equal sides, enter the desired paper size in the printer driver.

❏ Fit to Roll Paper Width
Automatically enlarges or reduces the image size to fit the roll paper width.



A3
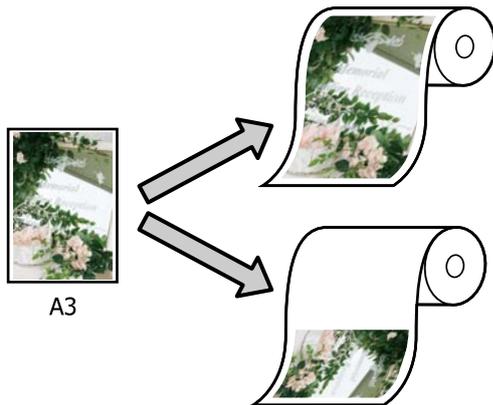
❏ Fit to Output Size
Automatically enlarges or reduces the image size to fit the paper size.



A4                    A3
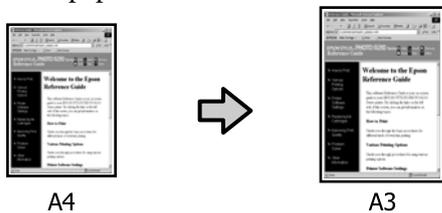
❏ Specify Size
You can specify the enlargement or reduction ratio. Use this method for a non-standard paper size.



A4

1000mm
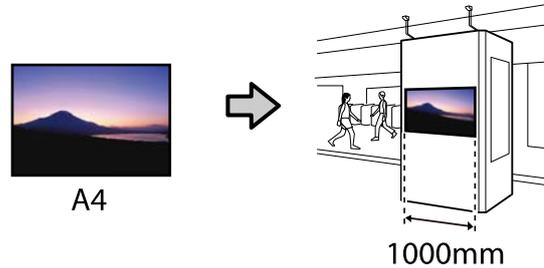
*Note:*

❏ *When printing from applications designed expressly for horizontal or vertical banners, adjust printer driver settings as described in the application documentation.*

❏ *When using a Windows application designed for banners, select **Print Banner** on the Layout tab if necessary.*
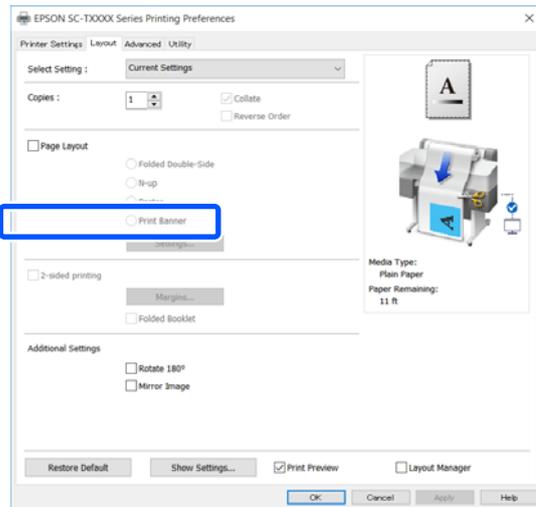
# Fitting Documents to the Width of the Roll Paper

**1** Check the document size (or paper size) setting on the Printer Settings tab of the printer driver.

**Windows**

Display the Printer Settings tab of the printer driver from the application and check that the document size is the same as the setting of the application.



If it differs, click **Settings...** and specify the correct size in the Change Paper Size dialog box.

U "Basic Operating Procedures (Windows)" on page 45

**Mac**

Open the page setup screen of the application and check that this printer is selected in **Printer** and check the paper size.

Select a paper size that does not have (Retain Scale) or (Roll Paper Banner).



If the size is different, select the correct size from the pull-down menu.

U "Basic Operating Procedures (Mac)" on page 51

> **Note:**
> In the case of an application without a page setup menu item, you can set the paper size if you open the Print dialog box from the **Print** menu item.

**2** Click **Fit to Roll Paper Width** on the Printer Settings tab of the printer driver and select either **Fit Short Side to Roll Paper Width** or **Fit Long Side to Roll Paper Width**.

**Windows**
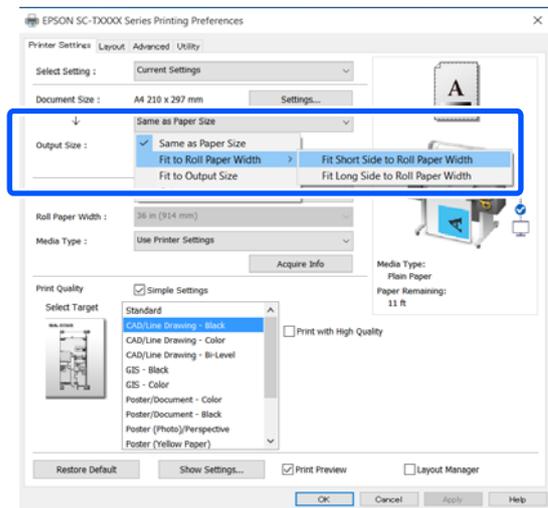


**Mac**
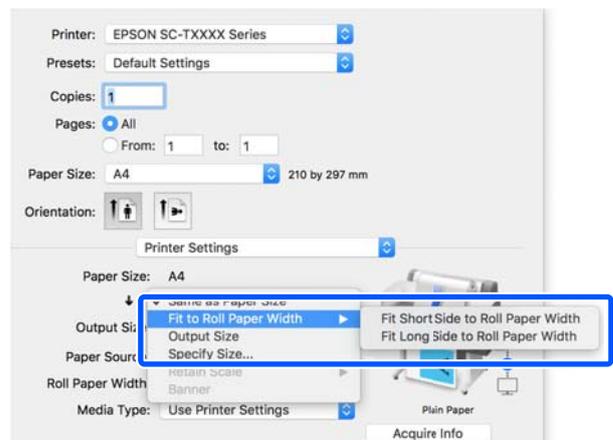
**Fit Short Side to Roll Paper Width**

Select this when you want to print with the print image enlarged to the maximum size for the loaded roll paper.
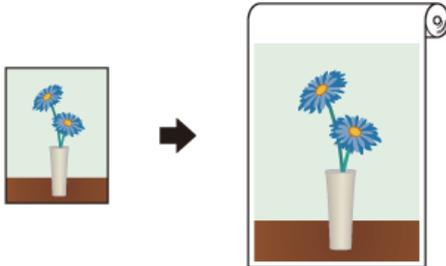
**Fit Long Side to Roll Paper Width**

Select this when you want to print with the print image enlarged as much as possible to the extent that paper will not be wasted.

**3** Check other settings, and then start printing.

# Fitting Documents to the Output Size

**1** Check the document size (or paper size) setting on the Printer Settings tab of the printer driver.

**Windows**

Display the Printer Settings tab of the printer driver from the application and check that the document size is the same as the setting of the application.

If it differs, click **Settings...** and specify the correct size in the Change Paper Size dialog box.

**Mac**

Open the page setup screen of the application and check that this printer is selected in **Printer** and check the paper size.

Select a paper size that does not have (Retain Scale) or (Roll Paper Banner).

If the size is different, select the correct size from the pull-down menu.

U "Basic Operating Procedures (Mac)" on page 51

2   Select **Fit to Output Size** on the Printer Settings tab of the printer driver.
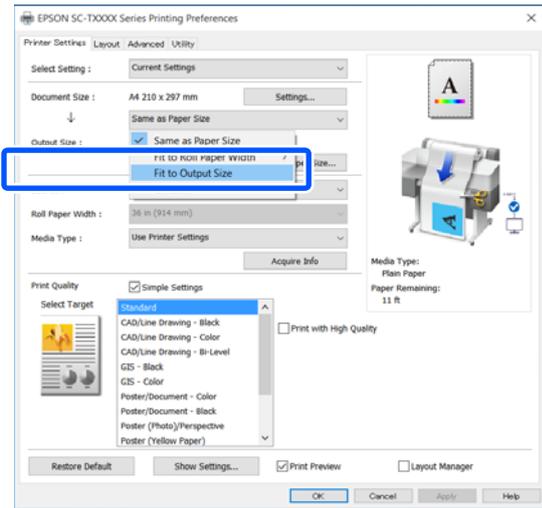
**Windows**



**Mac**
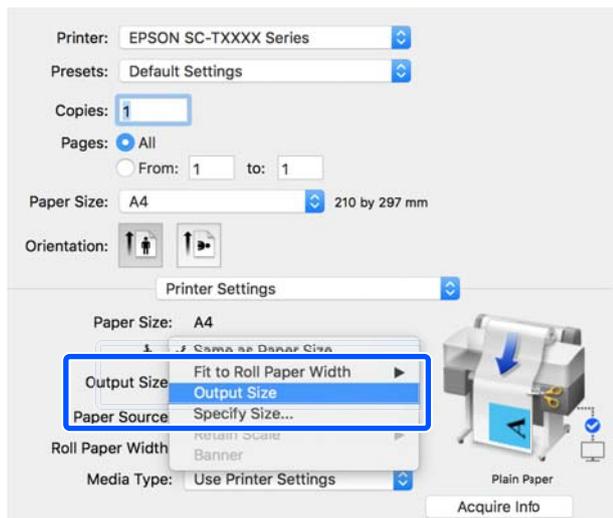


3   Select the desired size from the **Output Size** pull-down menu.

**Windows**



**Mac**
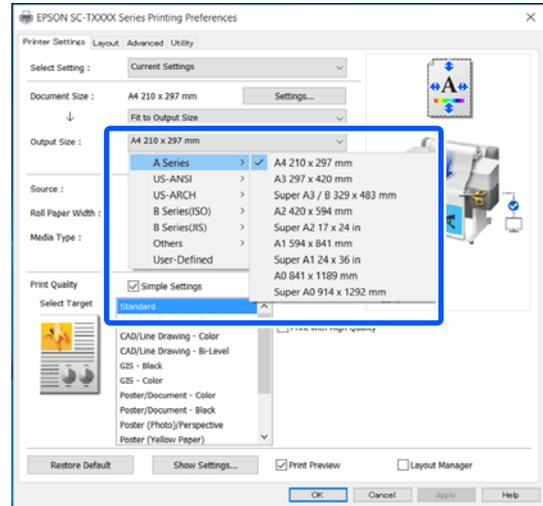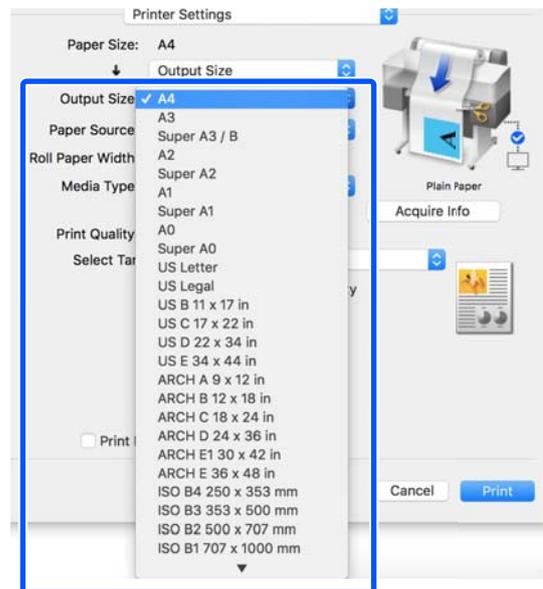


4   Check other settings, and then start printing.

**Printing with the Printer Driver from Your Computer**

# Choosing a Print Size

**1** Check the document size (or paper size) setting on the Printer Settings tab of the printer driver.

**Windows**

Display the Printer Settings tab of the printer driver from the application and check that the document size is the same as the setting of the application.



If it differs, click **Settings...** and specify the correct size in the Change Paper Size dialog box.

U "Basic Operating Procedures (Windows)" on page 45

**Mac**

Open the page setup screen of the application and check that this printer is selected in **Printer** and check the paper size.

Select a paper size that does not have (Retain Scale) or (Roll Paper Banner).



If the size is different, select the correct size from the pull-down menu.

U "Basic Operating Procedures (Mac)" on page 51

> **Note:**
> In the case of an application without a page setup menu item, you can set the paper size if you open the Print dialog box from the **Print** menu item.

**2** Display the Output Size input screen from the Printer Settings tab of the printer driver.

**Windows**

Select **Others...** and then select **Specify Size** in the displayed Output Size dialog box.
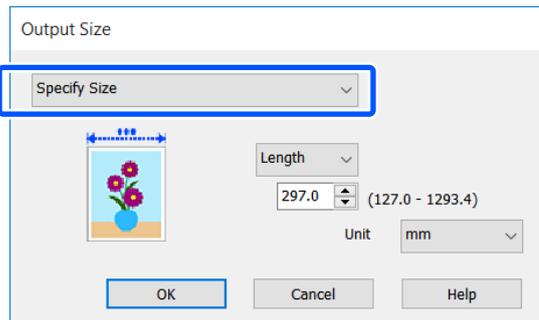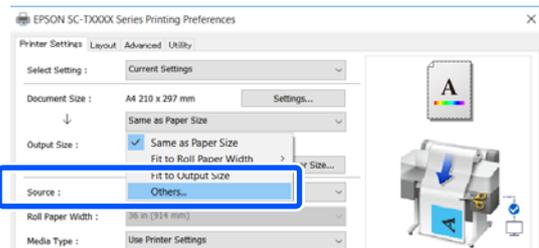


**Mac**

Select **Specify Size**.
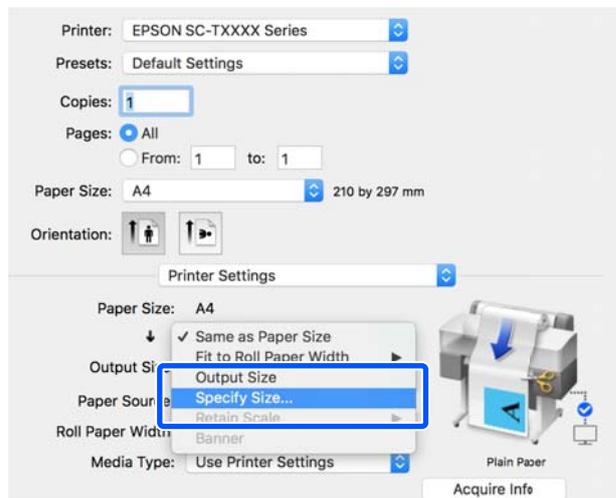
3  Select the size specification method from Width, Length, and Scale to and then enter the setting value.

The print image is enlarged or reduced so that it becomes the specified width, length, or scale while maintaining the aspect ratio of the print data.

**Windows**



**Mac**
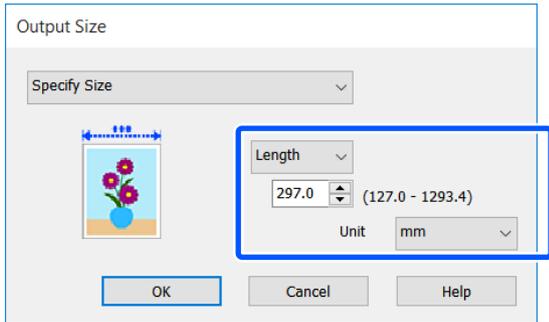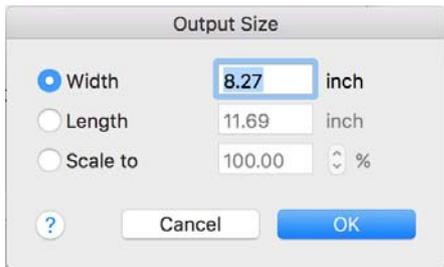


4  Check other settings, and then start printing.

# Printing at Non-Standard Sizes

Before printing at non-standard sizes, including vertical or horizontal banners and documents with equal sides, save the desired paper size in the printer driver. Once they have been saved in the printer driver, custom sizes can be selected in the application **Page Setup** and other print dialogs.



The following sizes can be used.

| Paper Width | SC-T5400 Series | 89 to 914 mm |
|---|---|---|
|  | SC-T3400 Series / SC-T3400N Series | 89 to 610 mm |
| Paper Length* | 127 to 18000 mm | |

*: The paper length can be longer when using an application that supports banner printing. However, the actual print size depends on the application, the paper size loaded in the printer, and the computer environment.

> ⚠️ *Important:*
>
> ❑ *The smallest size supported by the printer is 89 mm wide × 127 mm long. When a smaller size than this is set in* **Custom Paper Size...** *of the printer driver, trim the unnecessary margins.*
>
> ❑ *For Custom Paper Sizes of a Mac, although you can specify a large paper size which cannot be loaded in this printer, it will not be printed properly.*
>
> ❑ *The available output size is limited depending on the application.*

**Settings in Windows**

1 Display the Printer Settings tab of the printer driver from the application and then click **Custom Paper Size...**.

The User-Defined Paper Size dialog box appears.
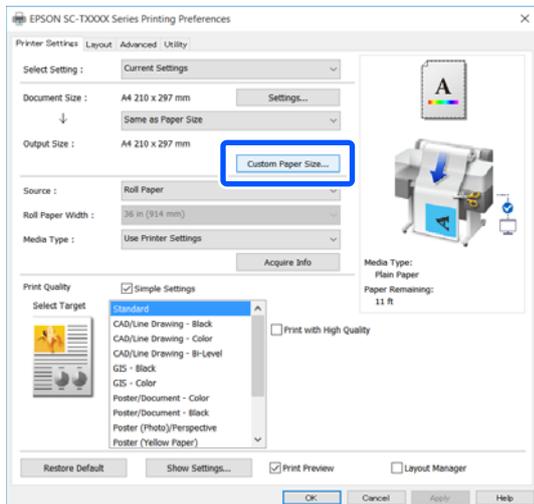


2 Set the paper size to use in the User-Defined Paper Size dialog box and then click **Save**.

❏ The **Paper Size Name** is displayed as an document size or output size option. Set a meaningful name such as "400x500mm" or "Horizontal Banner".

❏ To view the **Paper Width** and **Paper Height** values for a standard size close to the desired custom size, select the appropriate option in **Base Paper Size**.

❏ If you select an aspect ratio in **Fix Aspect Ratio** and select **Landscape** or **Portrait** for **Base**, you can set the size by just entering a value in either **Paper Width** or **Paper Height**.
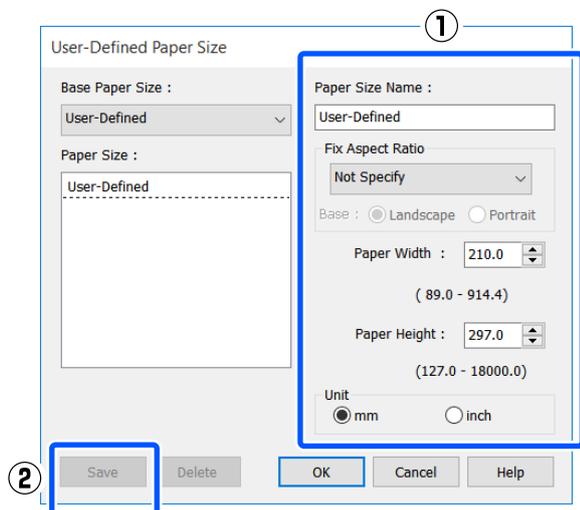


*Note:*
❏ *To change the paper size you saved, select the paper size name from the list on the left.*

❏ *To delete a saved paper size, select the paper size name from the list on the left of the screen and then click* **Delete**.

❏ *You can save up to 100 paper sizes.*

3 Click **OK** to close the User-Defined Paper Size dialog box. Also close the printer driver's dialog box.

Registration of the user-defined size is now complete.

4 Select the registered paper size in, for example, the page size settings of the application and then create the data.

*Note:*
*If the registered paper size is not displayed in the application, check whether it exceeds the sizes supported by the application.*

5 When you have finished creating the data, display the Printer Settings tab of the printer driver from the Print dialog box.

The registered paper size is displayed in Paper Size on the Printer Settings tab.

U "Basic Operating Procedures (Windows)" on page 45

6 Check other settings, and then start printing.

**Settings in Mac**

A Open the page setup screen of the application and check that this printer is selected in **Printer** and then select **Manage Custom Sizes** from **Paper Size**.

U "Basic Operating Procedures (Mac)" on page 51
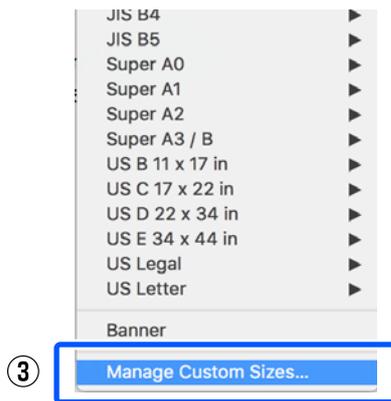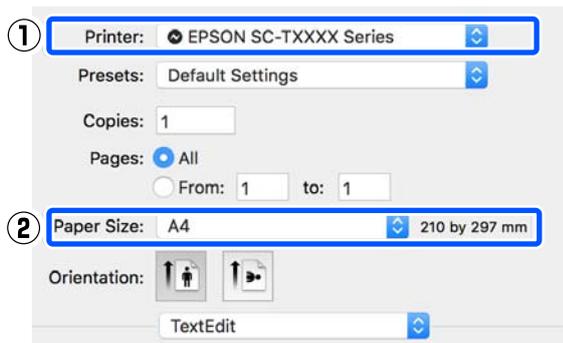




> *Note:*
> *In the case of an application without a page setup menu item, the paper size settings can be displayed by opening the Print dialog box from the **Print** menu item.*

B Click + and then enter the paper size name.
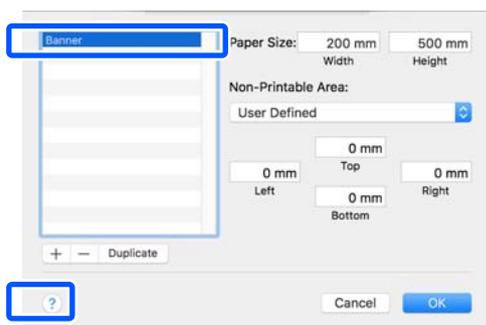


C Enter values in **Width** and **Height** of the **Paper Size**, enter the margins, and then click **OK**.

The ranges of page sizes and margin sizes that can be specified differ depending on your printer model and the settings on the printer.

U "Printable area" on page 179
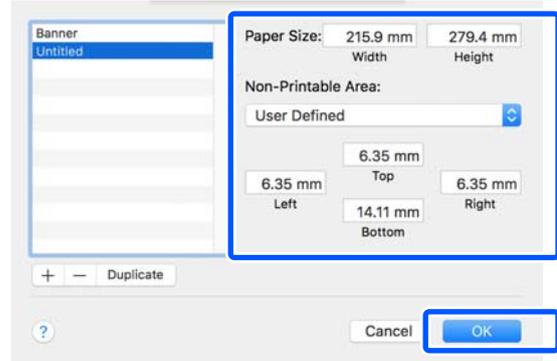


> *Note:*
> ❏ *To edit a saved custom size, choose its name from the list on the left.*
>
> ❏ *To duplicate a saved paper size, select its name from the list on the left of the screen and click **Duplicate**.*
>
> ❏ *To delete a saved paper size, select its name from the list on the left of the screen and click -.*
>
> ❏ *The custom paper size setting differs depending on the operating system version. See your operating system's documentation for details.*

D Click **OK** to close the Custom Paper Sizes dialog box. Also close the printer driver's dialog box by clicking **Cancel**.

Registration of the custom paper size is now complete.

E Select the registered paper size in, for example, the page size settings of the application and then create the data.

> *Note:*
> *If the registered paper size is not displayed in the application, check whether it exceeds the sizes supported by the application.*

6  When you have finished creating the data, display the Printer Settings tab of the printer driver from the Print dialog box.

The registered paper size is displayed in Document Size on the Printer Settings tab.

U "Basic Operating Procedures (Mac)" on page 51

7  Check other settings, and then start printing.

# Borderless Printing

You can print your data without margins on the paper.

The types of borderless printing you can choose vary as shown below depending on the media type.

Roll Paper: No margins for all edges, no margins for the left and right

Cut Sheets: No margins for the left and right only

When printing borderless for all edges, you can also configure the cutting operation.

U "About Roll Paper Cutting" on page 67

When performing left and right borderless printing, margins appear on the top and bottom of the paper.

Top and bottom margin values U "Printable area" on page 179

## Types of Borderless Printing Methods

You can perform borderless printing using the following two methods.

❏ Auto Expand
The printer driver enlarges the print data to a size slightly larger than the paper size and prints the enlarged image. The sections which are beyond the paper edges are not printed; therefore, resulting in borderless printing.
Use settings such as Page Setup in the applications to set the size of the image data as follows.

• Match the paper size and page setting for the print data.

• If the application has margin settings, set the margins to 0 mm.

• Make the image data as large as the paper size.
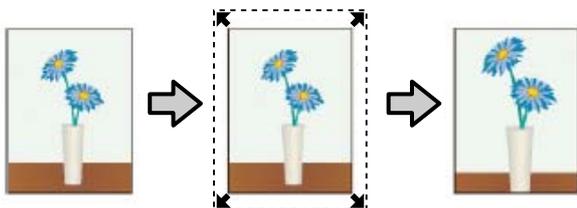


❏ Retain Size
Create the print data larger than the paper size in the applications to produce borderless output. The printer driver does not enlarge the image data. Use settings such as Page Setup in the applications to set the size of the image data as follows.

• Create print data larger than its actual print size by 3 mm on the left and right (6 mm in total).

• If the application has margin settings, set the margins to 0 mm.

• Make the image data as large as the paper size.

Select this setting if you want to avoid image enlargement by the printer driver.
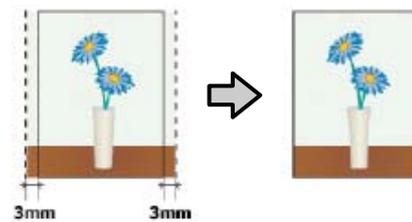


## Supported Paper

Depending on the media type and size, the print quality may decline or borderless printing cannot be selected.

U "Epson Special Media Table" on page 172

U "Supported Commercially Available Paper" on page 176

66

# About Roll Paper Cutting

When performing borderless printing on roll paper, you can specify whether it is left and right borderless printing or all edges borderless printing, and how to cut the paper in the printer driver's **Roll Paper Option**. The cutting operation for each value is shown in the following chart.

| Printer driver settings | Borderless | Single Cut | Double Cut |
|---|---|---|---|
| Cutting Operation |  |  |  |
| Explanation | The default printer driver setting is **Borderless**. | ❏ The top area may become slightly uneven depending on the image since the print operation stops while cutting the top edge of the roll paper.<br><br>❏ When you print one page only or print one page multiple times, the operation is the same as that for **Double Cut**. When continuously printing multiple sheets, the printer cuts 1 mm inside on the top edge of the first page and the bottom edge of the subsequent pages to avoid showing margins. | ❏ The top area may become slightly uneven depending on the image since the print operation stops while cutting the top edge of the roll paper.<br><br>❏ The printed paper is approximately 2 mm shorter than the specified size since the printer cuts the paper inside the image to avoid showing top and bottom margins.<br><br>❏ After cutting the bottom edge of the previous page, the printer feeds the paper, and then cuts the top edge of the following page. Although this produces 60 to 127 mm cut-off pieces, the cut is more accurate. |

# Setting Procedures for Printing

## Settings in Windows

**A** Display the printer driver's **Printer Settings** tab and adjust the following settings.

U "Basic Operating Procedures (Windows)" on page 45
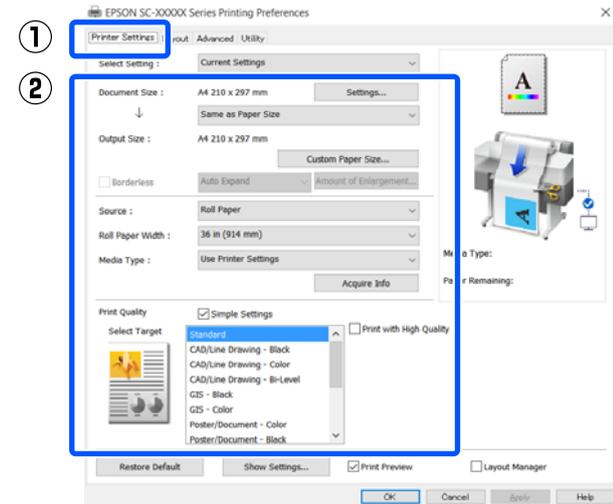


**B** Select **Borderless**.
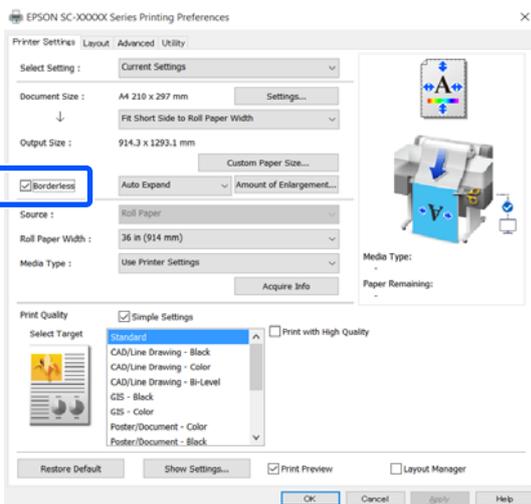


**C** For **Borderless** settings, select from **Auto Expand** or **Retain Size**.
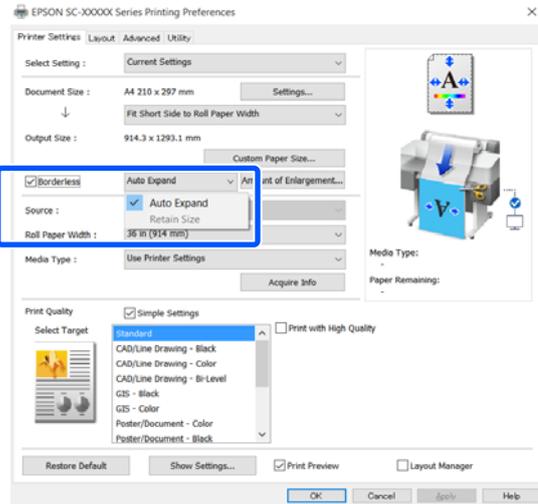


If **Auto Expand** is selected, select the amount of enlargement from the following.

| Max | : | 3 mm for left and 5 mm for right (the image shifts 1 mm to the right) |
|---|---|---|
| Standard | : | 3 mm for left and right |
| Min | : | 1.5mm for left and right |
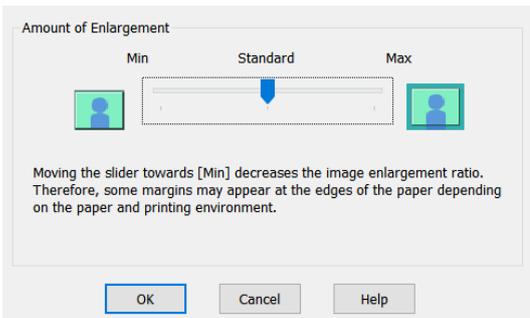


*Note:*
*Moving the slider towards **Min** decreases the image enlargement ratio. Therefore, some margins may appear at the edges of the paper depending on the paper and printing environment.*

**D** When printing on roll paper, select the Advanced tab, and configure the **Auto Cut** setting in the **Roll Paper Option** area.

U "About Roll Paper Cutting" on page 67

**5** Check other settings, and then start printing.

**Settings in Mac**

**1** Open the Print screen and select the paper size from the **Paper Size** option, and then select a borderless printing method.

U "Basic Operating Procedures (Mac)" on page 51

The selections for borderless printing methods are displayed as shown below.

xxxx (Roll Paper - Borderless, Auto Expand)

xxxx (Roll Paper - Borderless, Retain Size)

xxxx (Roll Paper - Borderless, Banner)

xxxx (Sheet - Borderless, Auto Expand)

xxxx (Sheet - Borderless, Retain Size)

Paper size such as A4 will be displayed in xxxx.
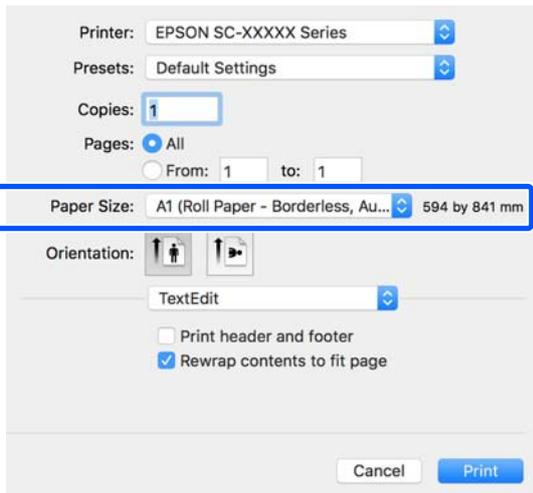
*Note:*
*If page setting options are not available in the application's print dialog, display the page settings dialog.*

**2** If **Auto Expand** is selected for paper size, select **Advanced** from the list, and click **Expansion**.

You can only select **Expansion** if **Auto Expand** is selected in **Paper Size**. The expansion values for each of the settings are as follows.

Max　　　：　3 mm for left and 5 mm for right (the image shifts 1 mm to the right)

Standard　：　3 mm for left and right

Min　　　：　1.5mm for left and right
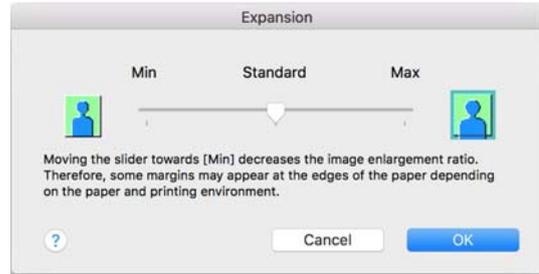
*Note:*
*Moving the slider towards **Min** decreases the image enlargement ratio. Therefore, some margins may appear at the edges of the paper depending on the paper and printing environment.*

**3** When printing on roll paper, select **Advanced** from the list, and choose an **Auto Cut** option.
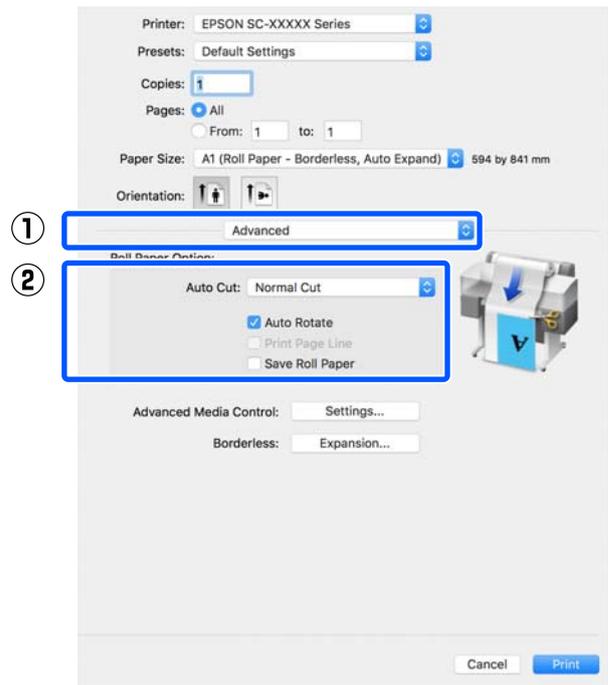
**4** Check other settings, and then start printing.

# Correct color and print

The optimal method is selected from the following color correction methods for each print target in the print quality settings of the printer driver.

❏ EPSON Standard (sRGB)
  Optimizes the sRGB space and corrects the color.

❏ Business Graphics
  Performs color correction to sharpen your images based on the sRGB space.

❏ Line Drawing
  Optimizes color correction for line drawing by processing the border between lines and the background as discontinuous.

❏ GIS
  Performs the optimal printing for topographic maps and other data of the geographic information system (GIS).

❏ ICM
  Performs color management to match the colors in the image data to those in the printed output (Windows only).
  U "Color Management Printing" on page 74

❏ Off (No Color Adjustment)
  Color correction is not performed by the printer driver. Choose if color management is performed by the application.
  U "Color Management Printing" on page 74

If you clear the **Simple Settings** check box, you can check which of the above color correction methods is used. **Standard** of **Select Target** is the most suitable setting for the currently selected paper type.
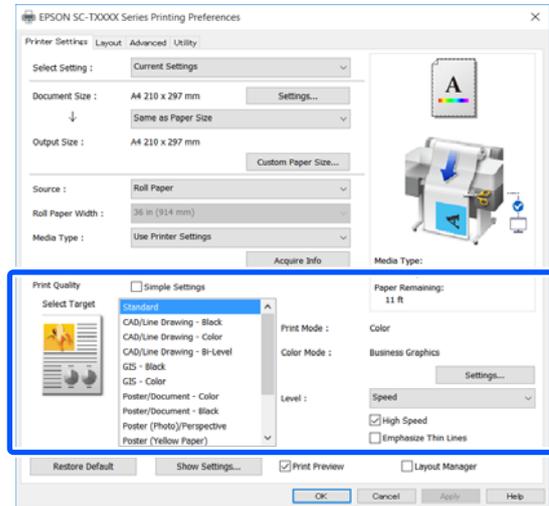


Clicking the **Settings** button allows you to, for example, finely adjust the Gamma, Brightness, Contrast, Saturation, and color balance.

Use this option when the application in use does not have a color correction function.

> *Note:*
> *The color correction options available vary with the operating system and the type of paper used.*

If you want to select the color correction method yourself, select **Custom** at the very bottom of the print target list.

**Settings in Windows**

1 When using applications featuring a color management function, specify how to adjust colors from these applications.

  When using applications without a color management function, start from Step 2.

  Depending on the type of the application, make the settings following the table below.

  Adobe Photoshop CS3 or later
  Adobe Photoshop Elements 6 or later
  Adobe Photoshop Lightroom 1 or later

| OS | Color Management Settings |
|---|---|
| Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista | Printer Manages Colors |
| Windows XP (Service Pack 2 or later and .NET 3.0 or later) | |
| Windows XP (other than the above) | No Color Management |

In other applications, set **No Color Management**.

> *Note:*
> *For information on supported platforms, see the website for the application in question.*

Setting example of Adobe Photoshop CC

Open the **Print** dialog box.

Select **Color Management**, then select **Printer Manages Colors** in **Color Handling**, and click **Print**.
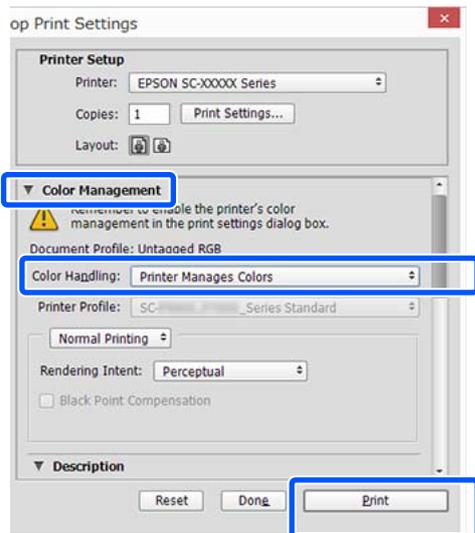


**2** Display the Printer Settings tab of the printer driver and then clear the **Simple Settings** check box in the **Print Quality** area.

U "Basic Operating Procedures (Windows)" on page 45

**3** Select the print target. If you want to select the color correction method yourself, select **Custom** at the very bottom of the list.



**4** When **Custom** is selected for the print target, select the color and color correction method settings.

**5** If necessary, click **Settings** and then adjust items such as the Gamma, Brightness, Contrast, Saturation, and color balance.

See the printer driver help for more details on each item.
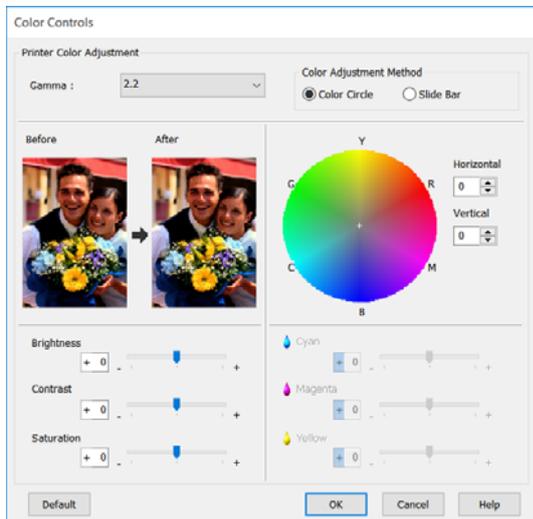


> *Note:*
> *You can adjust the correction value by checking the sample image on the left side of the screen. Furthermore, you can select **Color Circle** or **Slide Bar** of **Color Adjustment Method** and finely adjust the color balance.*

**6** Check other settings, and then start printing.

**Settings in Mac**

**1** When using applications featuring a color management function, specify how to adjust colors from these applications.

When using applications without a color management function, start from Step 2.

When using the following applications, set the color management setting to **Printer Manages Colors**.

Adobe Photoshop CS3 or later
Adobe Photoshop Elements 6 or later
Adobe Photoshop Lightroom 1 or later

In other applications, set **No Color Management**.

> *Note:*
> *For information on supported platforms, see the website for the application in question.*

Settings example of Adobe Photoshop CC

Open the **Print** dialog box.

Select **Color Management**, then select **Printer Manages Colors** in **Color Handling**, and click **Print**.
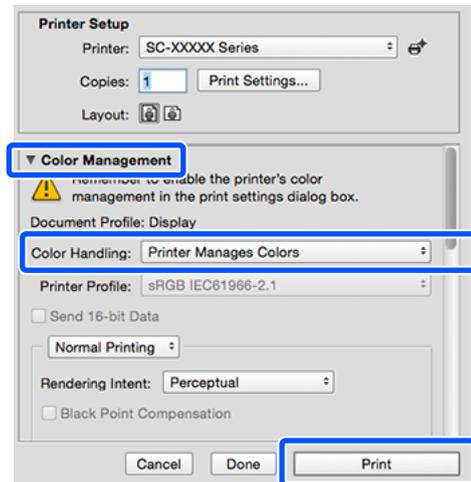


**2** Display the Print screen.

U "Basic Operating Procedures (Mac)" on page 51

**3** Select **Color Matching** from the list, and then click **EPSON Color Controls**.
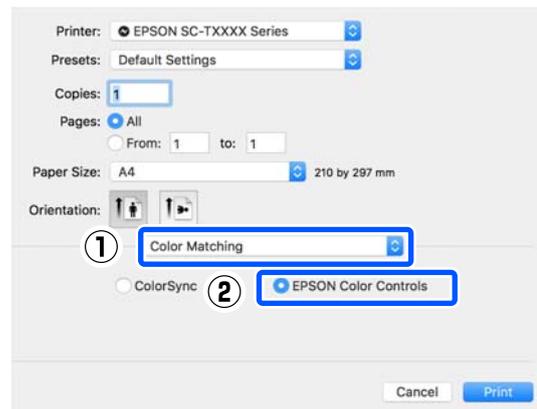


> *Note:*
> *EPSON Color Controls will not be available in the following applications if Step 1 is omitted.*
> ❏ *Adobe Photoshop CS3 or later*
> ❏ *Adobe Photoshop Lightroom 1 or later*
> ❏ *Adobe Photoshop Elements 6 or later*

4 Select **Printer Settings** from the list and then clear the **Simple Settings** check box in the **Print Quality** area.
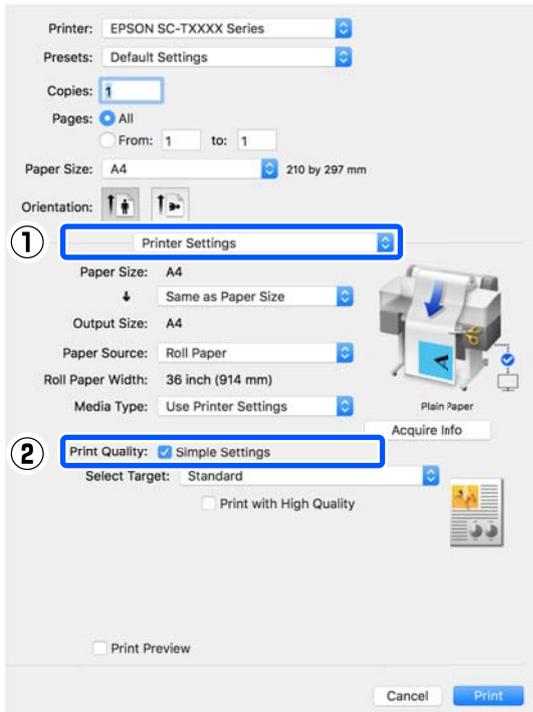
5 Select the print target. If you want to select the color correction method yourself, select **Custom** at the very bottom of the list.
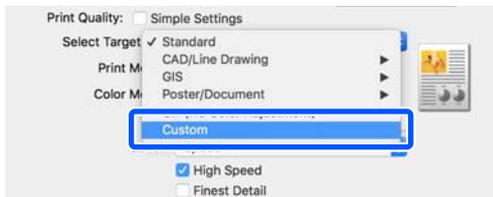
6 When **Custom** is selected for the print target, select the color and color correction method settings.
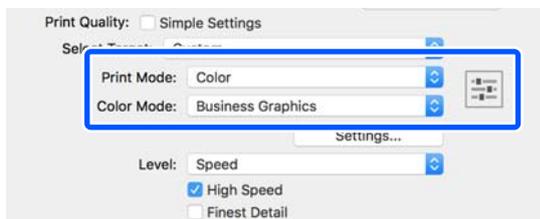
7 If necessary, click **Settings** and then adjust items such as the Gamma, Brightness, Contrast, Saturation, and color balance.

See the printer driver help for more details on each item.
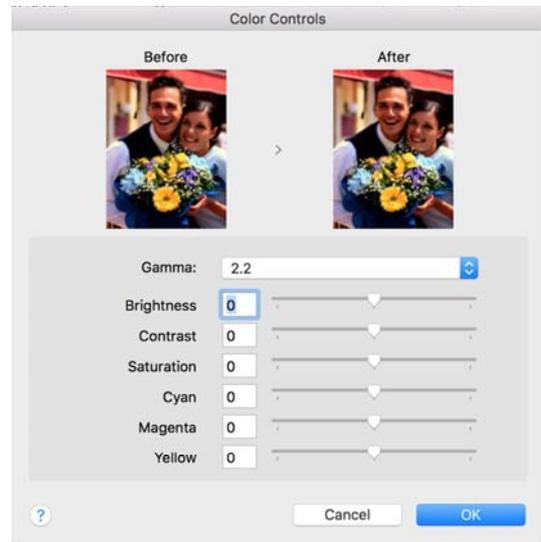
8 Check other settings, and then start printing.

# Color Management Printing

## About Color Management

Even when using the same image data, the original image and the displayed image may look different, and the printed results may look different to the image you see on the display. This occurs due to the difference in characteristics when input devices such as scanners and digital cameras capture colors as electronic data, and when output devices such as display screens and printers reproduce colors from the color data. The color management system is a means to adjust differences in color conversion characteristics among input and output devices. A color management system is included with operating systems such as Windows and Mac OS, in addition to image processing applications. Windows and Mac OS X include the ICM and ColorSync color management systems, respectively.

In a color management system, a color definition file called a "Profile" is used to perform color matching between devices. (This file is also called an ICC profile.) The profile of an input device is called an input profile (or source profile), and the profile of an output device, such as a printer, is called a printer profile (or output profile). A profile is prepared for each media type in this printer's driver.

The color conversion areas by the input device and the color reproduction area by the output device differ. As a result, there are color areas that do not match even when performing color matching using a profile. In addition to specifying profiles, the color management system also specifies conversion conditions for areas where color matching failed as "intent". The name and type of intent vary depending on the color management system you are using.

You cannot match the colors on the printed results and display by color management between the input device and the printer. To match both colors, you need to perform color management between the input device and the display as well.

# Color Management Print Settings

You can perform color management printing using this printer's printer driver in the following two ways.

Choose the best method according to the application you are using, the operating system environment, the aim of the print out, and so on.

**Setting color management with the applications**

This method is for printing from applications that support color management. All color management processes are carried out by the application's color management system. This method is useful when you want to obtain the same color management print results using a common application among different operating system environments.

**Setting color management with the printer driver**

The printer driver uses the operating system's color management system and carries out all color management processes. You can configure the color management settings in the printer driver using the following two methods.

❏ Host ICM (Windows) / ColorSync (Mac OS X)
Set when printing from applications that support color management. This is effective in producing similar print results from different applications under the same operating systems.

❏ Driver ICM (Windows only)
This allows you to perform color management printing from applications that do not support color management.

## Setting profiles

Settings for the input profile, printer profile, and intent (matching method) vary between three types of color management printing since their color management engines are used differently. This is because color management usage differs between the engines. Make settings in the printer driver or application as described in the following table.

| | Input profile settings | Printer profile settings | Intent settings |
|---|---|---|---|
| Driver ICM (Windows) | Printer Driver | Printer Driver | Printer Driver |
| Host ICM (Windows) | Application | Printer Driver | Printer Driver |
| ColorSync (Mac OS X) | Application | Printer Driver | Application |
| Application | Application | Application | Application |

Printer profiles for each paper type that is needed when performing color management are installed with the printer's printer driver. You can select the profile from the printer driver's settings screen.

You can select the profile from the printer driver's settings screen.

## Setting color management with the applications

Print using applications with a color management function. Make the color management settings in the application and disable the printer driver's color adjustment function.

1 Make color management settings in the applications.

Settings example of Adobe Photoshop CC

Open the **Print** dialog box.

Select **Color Management**, select **Photoshop Manages Colors** in **Color Handling**, select **Printer Profile** and **Rendering Intent**, and click **Print**.
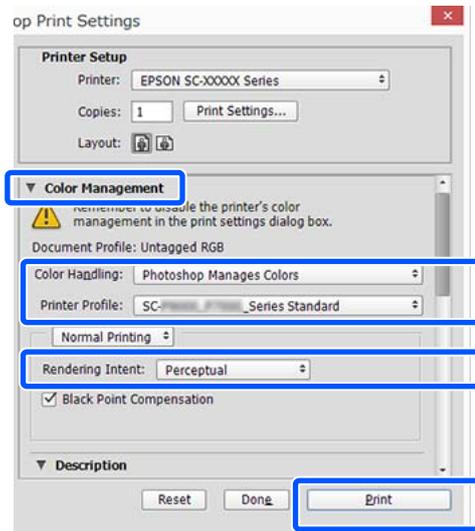


2 Display the printer driver's settings screen (Windows) or Print screen (Mac).

Make printer driver settings.

**For Windows**

**For Mac**

3 Set color management to off.

**For Windows**

Clear the **Simple Settings** check box in the Print Quality area of the **Printer Settings** tab and select **Off (No Color Adjustment)** from the print target list.
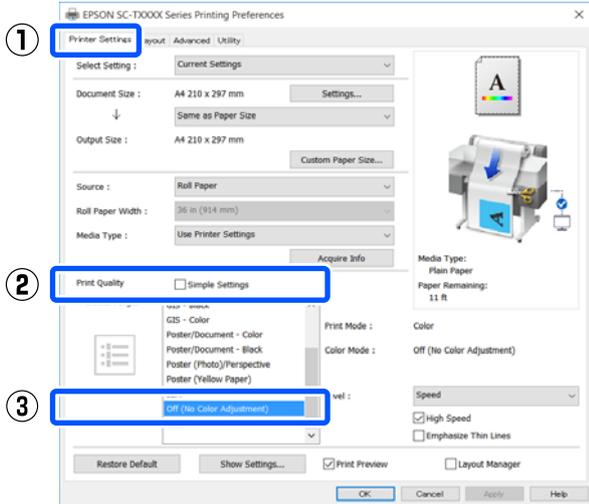


*Note:*
*In Windows 7, Windows Vista, and Windows XP (Service Pack 2 or later and .NET 3.0), Off (No Color Adjustment) is selected automatically.*

**For Mac**

Select **Printer Settings** from the list and clear the **Simple Settings** check box in the Print Quality area, and select **Off (No Color Adjustment)** from the print target list.
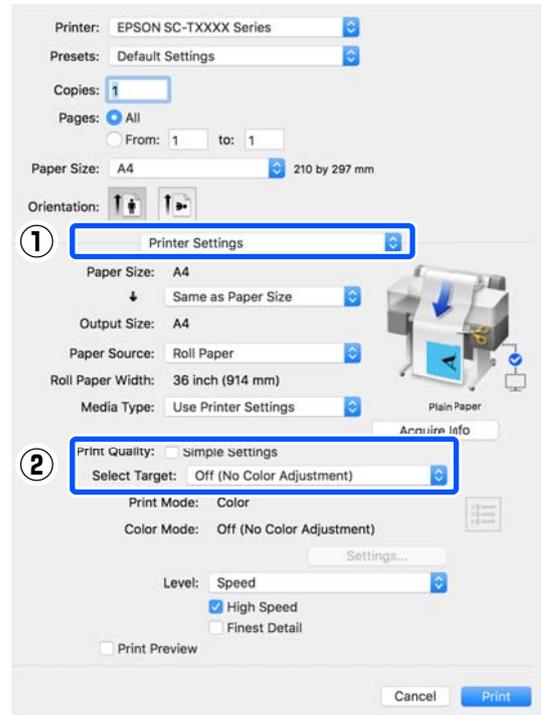


4 Check other settings, and then start printing.

# Setting color management with the printer driver

## Color Management Printing by Host ICM (Windows)

Use image data in which an input profile has been embedded. Also, the application must support ICM.

**1** Make the settings for color adjustment using the application.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later
Adobe Photoshop Elements 6.0 or later
Adobe Photoshop Lightroom 1 or later

| OS | Color Management Settings |
|---|---|
| Windows 8.1, Windows 8, Windows 7, Windows Vista | Printer Manages Colors |
| Windows XP (Service Pack 2 or later and .NET 3.0 or later) | |
| Windows XP (other than the above) | No Color Management |

In other applications, set **No Color Management**.

> *Note:*
> *For information on supported platforms, see the website for the application in question.*

Settings example of Adobe Photoshop CC

Open the **Print** dialog box.

Select **Color Management**, then select **Printer Manages Colors** in **Color Handling**, and click **Print**.



When using an application without a color management function, start from step 2.

**2** Clear the **Simple Settings** check box in the Print Quality area on the **Printer Settings** tab of the printer driver and then select **ICM** from the Select Target list.

U "Basic Operating Procedures (Windows)" on page 45
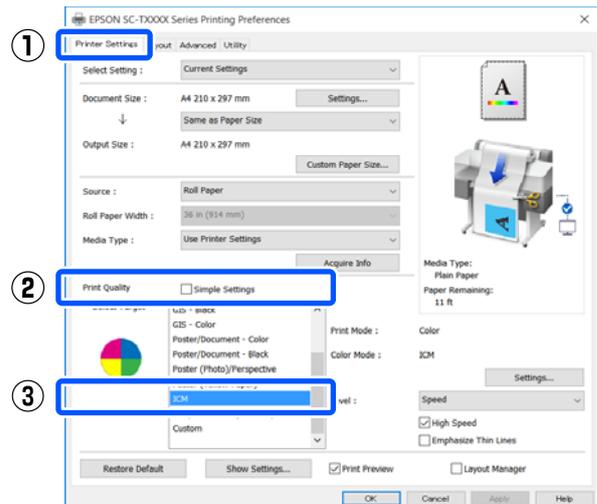
3 Click **Settings**.
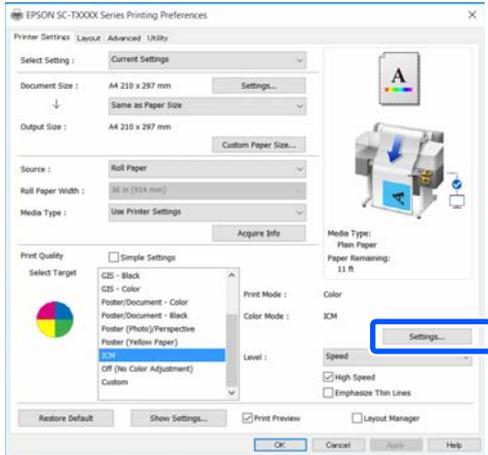


4 Select **Host ICM** in **ICM Mode**.

See the printer driver help for more details.

The printer profile corresponding to the **Media Type**[*] selected on the **Printer Settings** tab is set automatically and is displayed in the **Printer Profile Description** area.

To change the profile, select the **Show all profiles** check box.
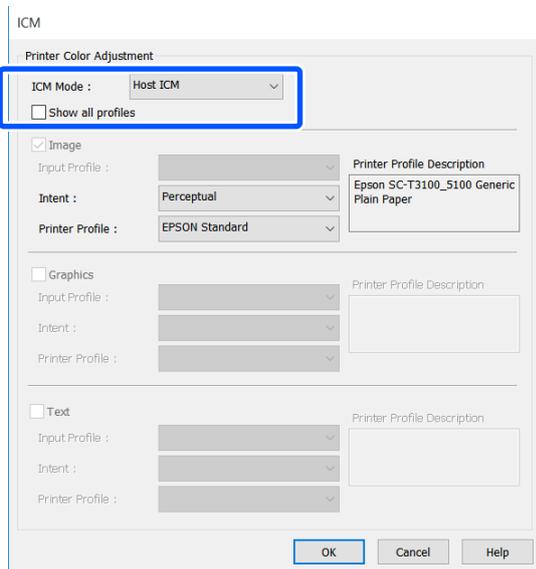


*: If Source is selected on the Printer Settings tab, the paper type set on the printer is set automatically. Media Type becomes **Use Printer Settings**, and the paper type name is displayed on the right side.

5 Check other settings, and then start printing.

## Color Management Printing by ColorSync (Mac)

Use image data in which an input profile has been embedded. Also, the application must support ColorSync.

> *Note:*
> *Depending on the application, color management printing by **ColorSync** may not be supported.*

1 Disable the color management functions in the application.

2 Display the Print screen.

U "Basic Operating Procedures (Mac)" on page 51

3 Select **Color Matching** from the list, and then click **ColorSync**.
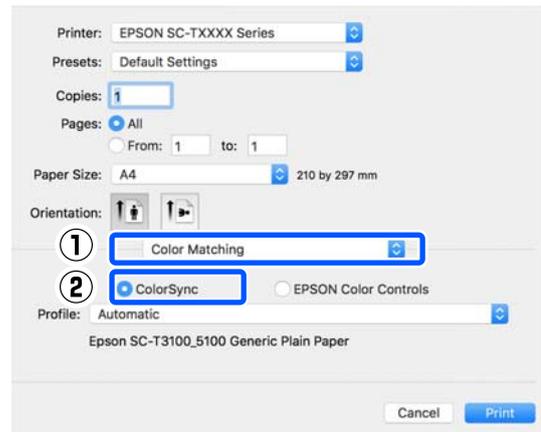


The printer profile corresponding to the currently selected paper type[*] is specified automatically and displayed at the bottom of the profile area. To change the profile, select the desired profile from the **Profile** pull-down menu.

*: It is set in the screen displayed by selecting Printer Settings from the list. If Paper Source is selected, the paper type set on the printer is set automatically, and **Use Printer Settings** is displayed. The paper type name is displayed on the right side of it.

4 Check other settings, and then start printing.

# Color Management Printing by Driver ICM (Windows Only)

The printer driver uses its own printer profiles to perform color management. You can use the following two color correction methods.

❏ Driver ICM (Basic)
Specify one type of profile and intent for processing the entire image data.

❏ Driver ICM (Advanced)
The printer driver distinguishes the image data into the **Image**, **Graphics**, and **Text** areas. Specify a different profile and intent for each of the three areas.

**When using applications featuring a color management function**

Make the settings for color processing using the application before making printer driver settings.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later
Adobe Photoshop Elements 6.0 or later
Adobe Photoshop Lightroom 1 or later

| OS | Color Management Settings |
|---|---|
| Windows 8.1, Windows 8, Windows 7, Windows Vista | Printer Manages Colors |
| Windows XP (Service Pack 2 or later and .NET 3.0 or later) | |
| Windows XP (other than the above) | No Color Management |

In other applications, set **No Color Management**.

*Note:*
*For information on supported platforms, see the website for the application in question.*

Settings example of Adobe Photoshop CC

Open the **Print** dialog box.

Select **Color Management**, then select **Printer Manages Colors** in **Color Handling**, and click **Print**.



**1** Clear the **Simple Settings** check box in the Print Quality area on the **Printer Settings** tab of the printer driver and then select **ICM** from the Select Target list.

U "Basic Operating Procedures (Windows)" on page 45
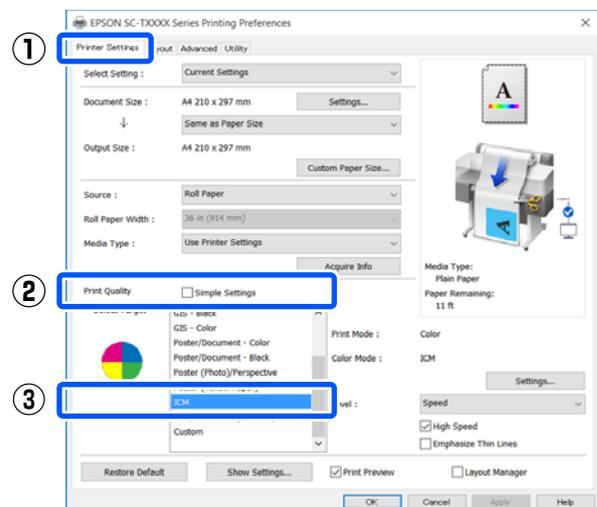
**Printing with the Printer Driver from Your Computer**
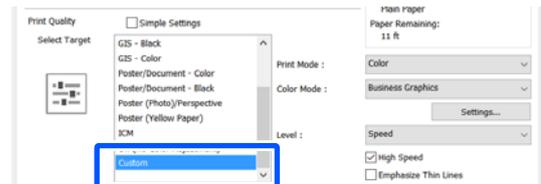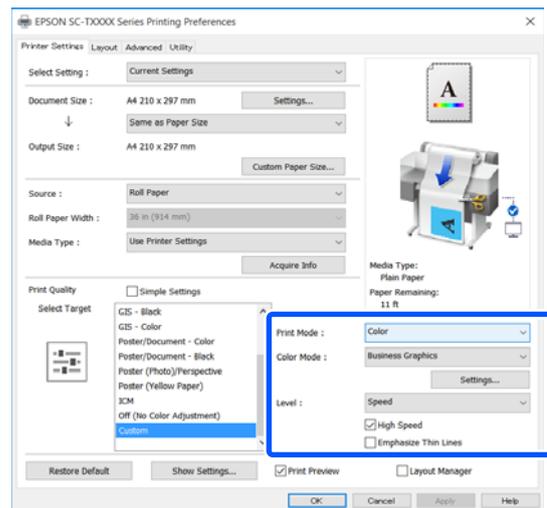
**2** Click **Settings**.
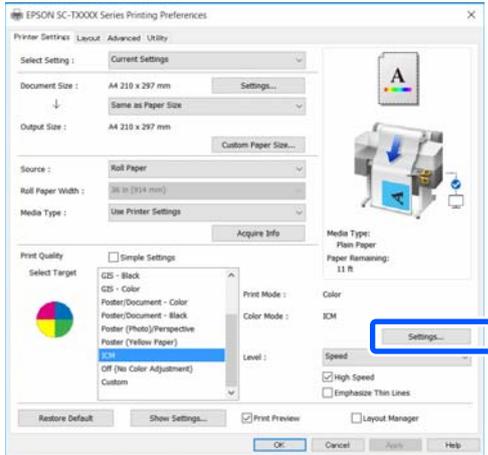


**3** Select **Driver ICM (Basic)** or **Driver ICM (Advanced)** in **ICM Mode** of the **ICM** dialog box.
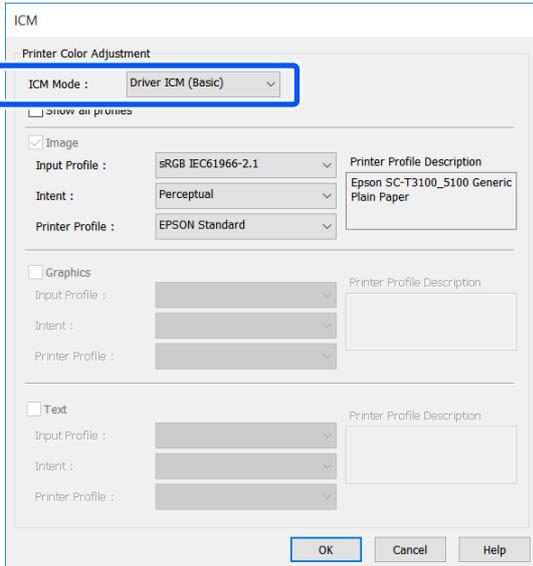


If you select **Driver ICM (Advanced)**, you can specify the profile and intent for each of image data such as photos, graphics data, and text data.

| Intent | Explanation |
| --- | --- |
| Saturation | Keeps the current saturation unchanged and converts the data. |
| Perceptual | Converts the data so that a more visually natural image is produced. This feature is used when a wider gamut of color is used for image data. |

| Intent | Explanation |
| --- | --- |
| Relative Colorimetric | Converts the data so that a set of color gamut and white point (or color temperature) coordinates in the original data match their corresponding print coordinates. This feature is used for many types of color matching. |
| Absolute Colorimetric | Assigns absolute color gamut coordinates to the original and print data and converts the data. Therefore, color tone adjustment is not performed on any white point (or color temperature) for the original or print data. This feature is used for special purposes such as logo color printing. |

**4** Check other settings, and then start printing.

# Multi-Page Printing (N-up)

Two or four consecutive pages can be printed on a single sheet.
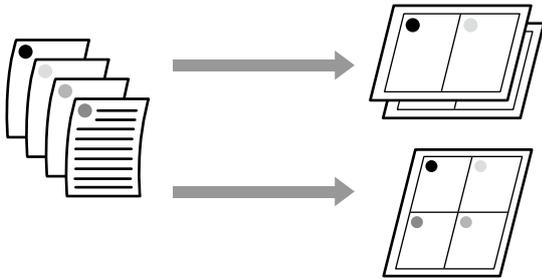


Note:

❏ In Windows, you cannot use the multi-page printing function when performing borderless printing.

❏ In Windows, you can use the Reduce/Enlarge function (Fit to Page) to print the data on different sizes of paper.
U "Printing at Non-Standard Sizes" on page 62
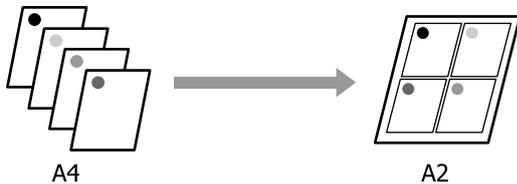


**Settings in Windows**

A Display the Layout tab of the printer driver and select the **Page Layout** check box. Then, select **N-up** and click the **Settings** button.

U "Basic Operating Procedures (Windows)" on page 45
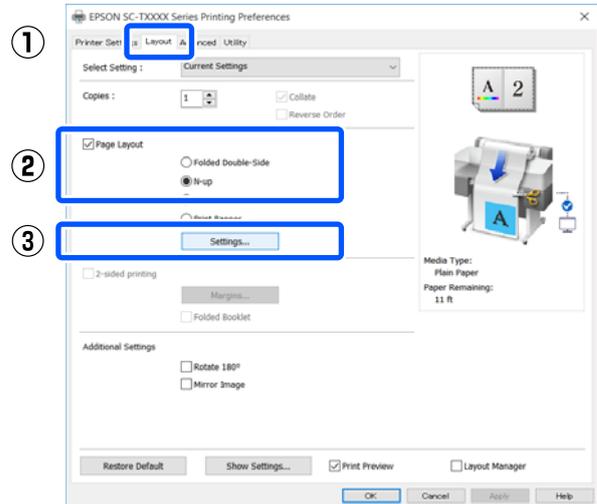


B Set **Number of pages per sheet** and **Page Order** in the Print Layout dialog box.

If the **Print page frames** check box is selected, page frames are printed on each page.
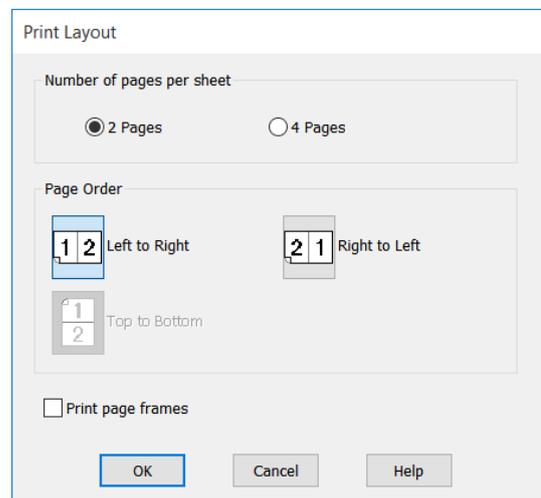


C Check other settings, and then start printing.

**Settings in Mac**

A Display the Print dialog box, select **Layout** from the list, and specify the number of pages per sheet and so on.

U "Basic Operating Procedures (Mac)" on page 51
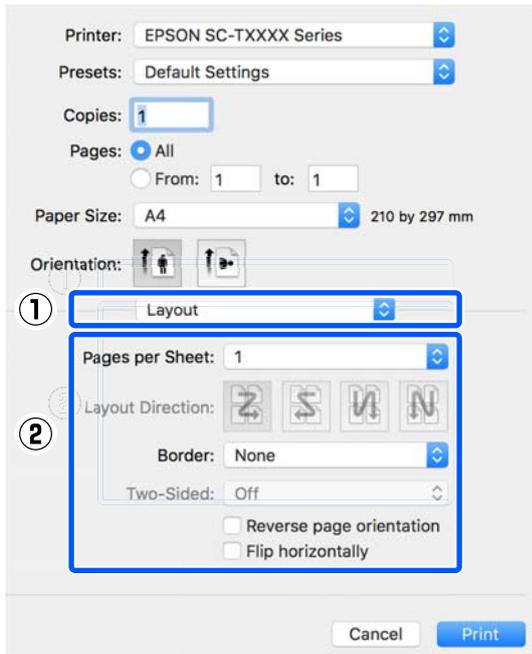


*Note:*
*You can print frames around arranged pages using the **Border** function.*

B Check other settings, and then start printing.

# Folded 2-Sided Printing (Windows only)

Two consecutive pages can be printed on a single sheet. The second page is flipped 180° and printed adjacent to the first page, allowing the paper to be folded to make a 2-sided document.
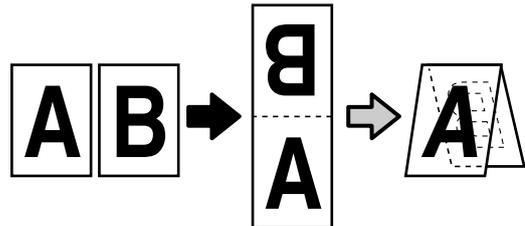


A Display the Layout tab of the printer driver and select the **Page Layout** check box. Then, select **Folded Double-Side** and click the **Settings...** button.

U "Basic Operating Procedures (Windows)" on page 45
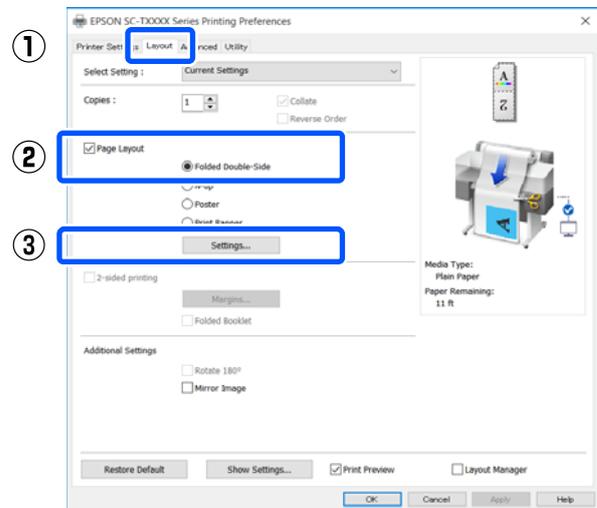
**Printing with the Printer Driver from Your Computer**

**2** Set **Binding Edge** and **Binding Margin** in the Folded Double-Side Setting dialog box.
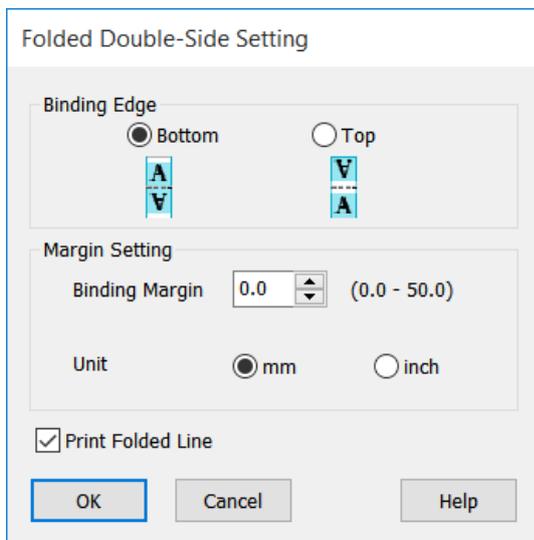


**3** Check other settings, and then start printing.

# Poster Printing (Windows Only)

A single page can be printed across multiple sheets. The sheets can then be joined together to form large posters (up to 16 times the original size). If **Borderless Poster Print** is selected, the sheets can be joined without trimming the margins, but because the portions outside the edges of the paper will be lost using borderless printing, images at the joins may be imperfect.
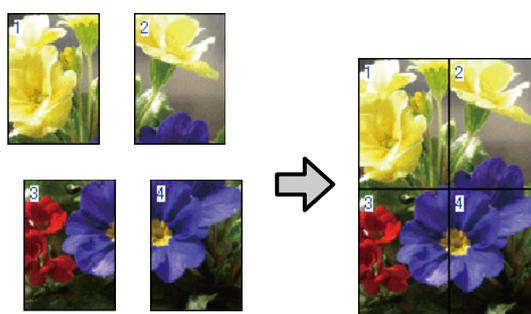


**1** Display the Layout tab of the printer driver and select the **Page Layout** check box. Then, select **Poster** and click the **Settings...** button.
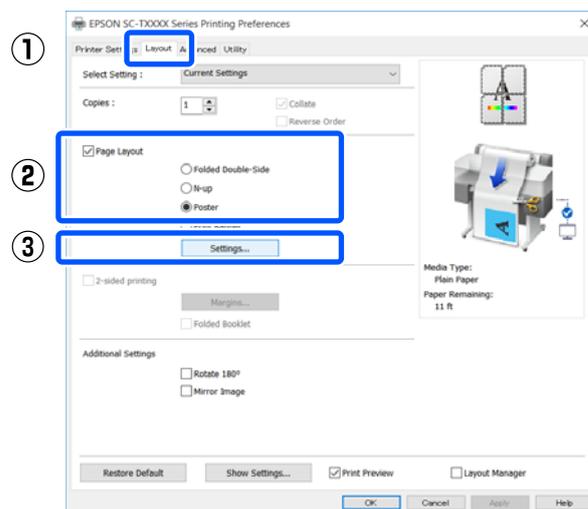
**2** Set **Number of panels** in the Poster dialog box.
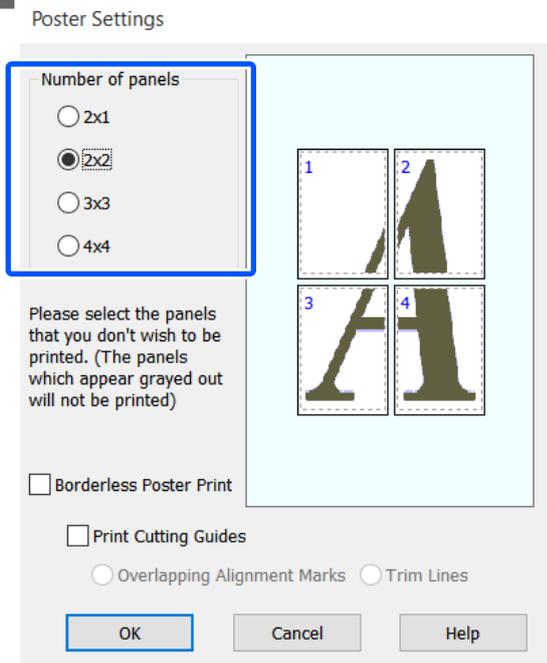


**3** If you want to print marks to serve as a guide when joining together paper printed with poster printing, select the **Print Cutting Guides** check box.

**When borderless is selected:**

Select **Borderless Poster Print**.
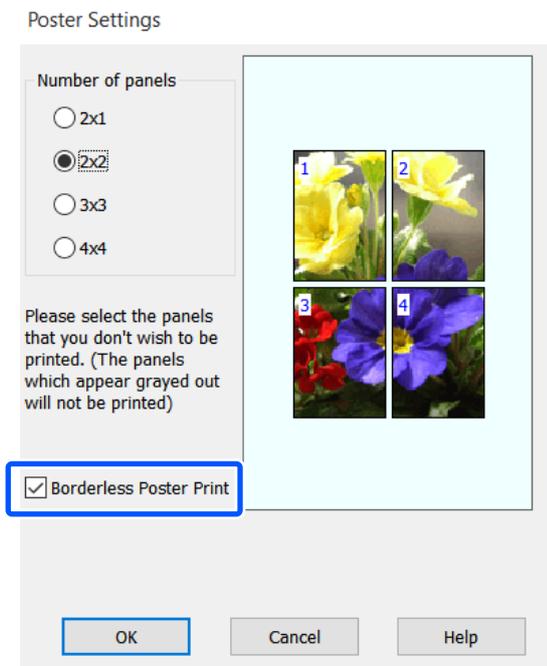
**When with margins is selected:**

Clear the **Borderless Poster Print** check box.
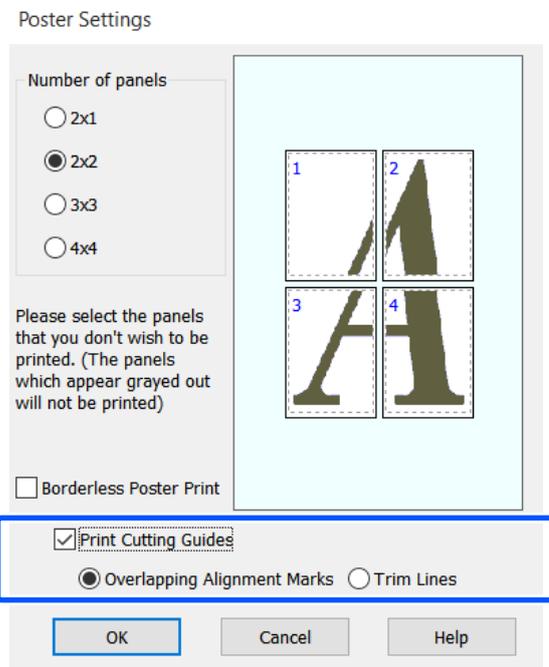
**Overlapping Alignment Marks**

Prints guides for joining the paper with overlapping. The finished size is smaller only for the overlapping portions.

**Print page frames**

Prints frames for joining the paper without overlapping.

**4** Check other settings, and then start printing.

**Joining poster sheets with printed borders**

If **Overlapping Alignment Marks** is selected, join guides (indicated by the lines drawn through and around the X marks in the illustration below) will be printed on each sheet.
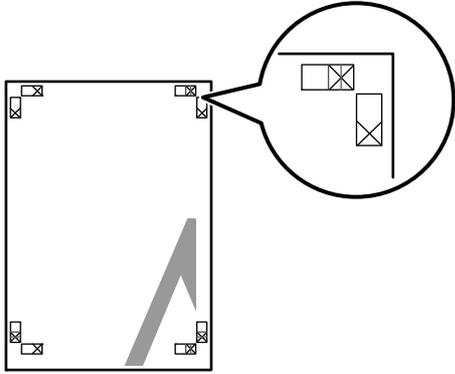


*Note:*
*If the output is in color, the join guides will be in blue and the cut guides in red; otherwise, all the guides will be printed in black.*

The following section describes how to join four printed pages together.
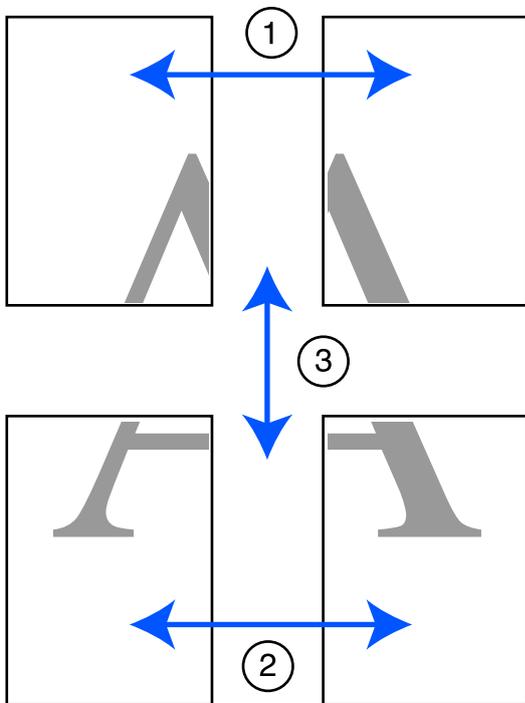


$\boxed{1}$ Ready the two top sheets and trim the excess from the left sheet by cutting along the line joining the two join guides (the centers of the X marks).
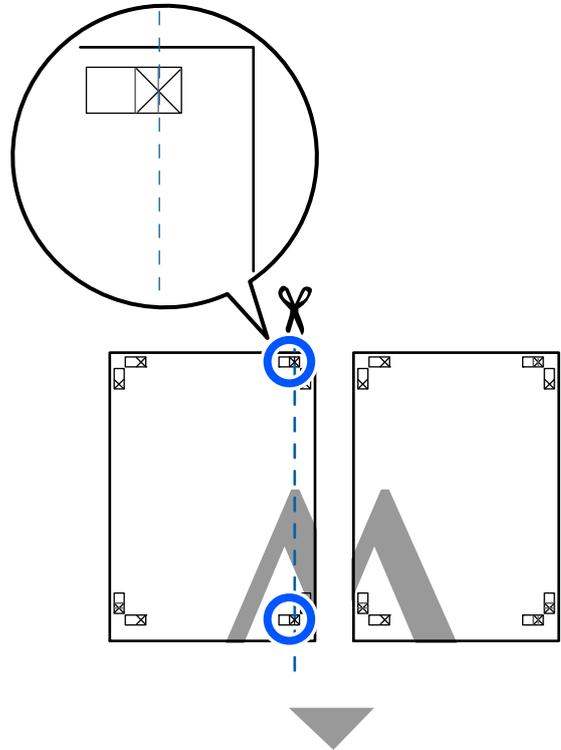


$\boxed{2}$ Lay the upper left sheet on top of upper right sheet. Lineup the X marks as shown in the illustration below, and temporarily fasten them using an adhesive tape on the back.



**85**
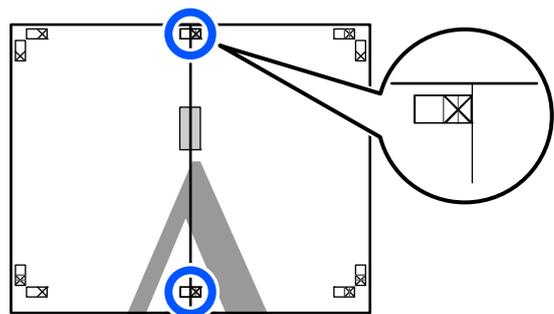
**3** With the two sheets overlapping, trim the excess by cutting along the line joining the two cut guides (the lines to the left of the X marks).
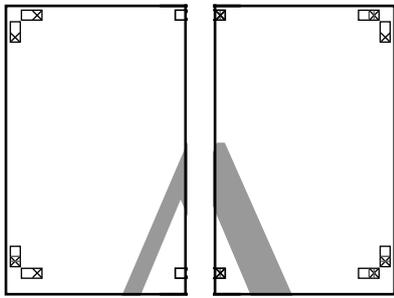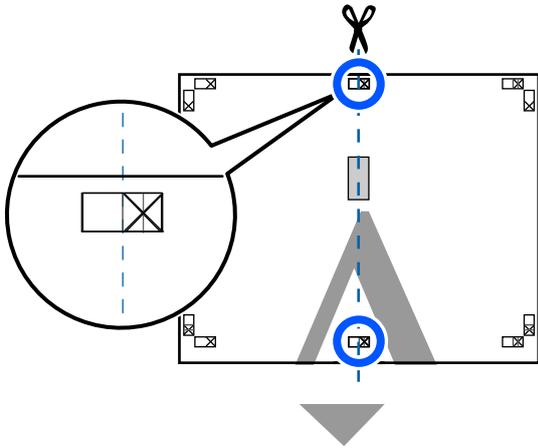
**4** Rejoin the two sheets.

Use an adhesive tape to stick the backs of the sheets together.
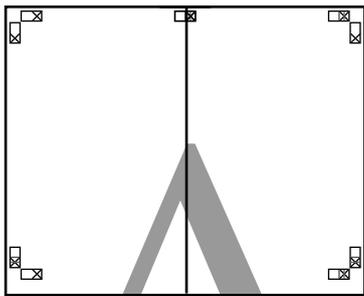
**5** Repeat steps 1 to 4 for the lower two sheets.

**6** Trim the bottom from the upper sheets by cutting along the line joining the two guides (the lines above the X marks).
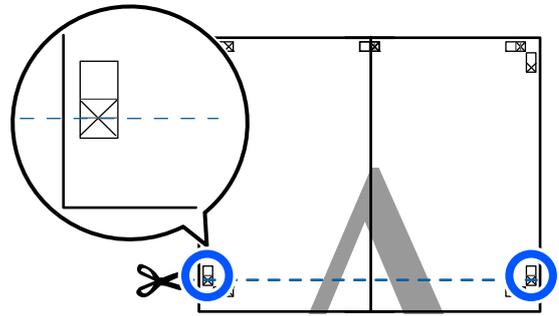
**7** Lay the upper sheet on top of the lower sheet. Lineup the X marks as shown in the illustration below, and temporarily fasten them using an adhesive tape on the back.
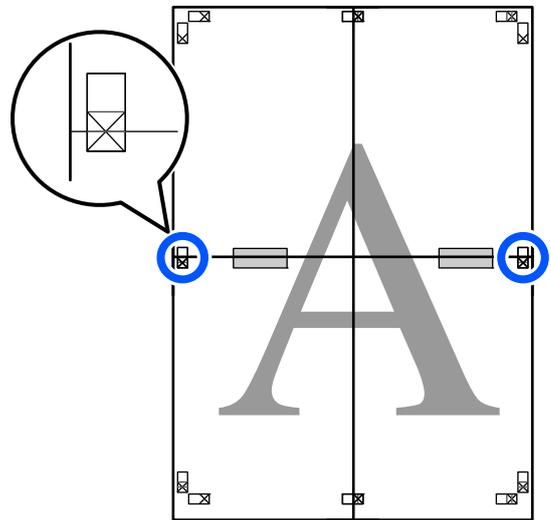
**Printing with the Printer Driver from Your Computer**

H  With the two sheets overlapping, trim the excess by cutting along the line joining the two cut guides (the lines above the X marks).
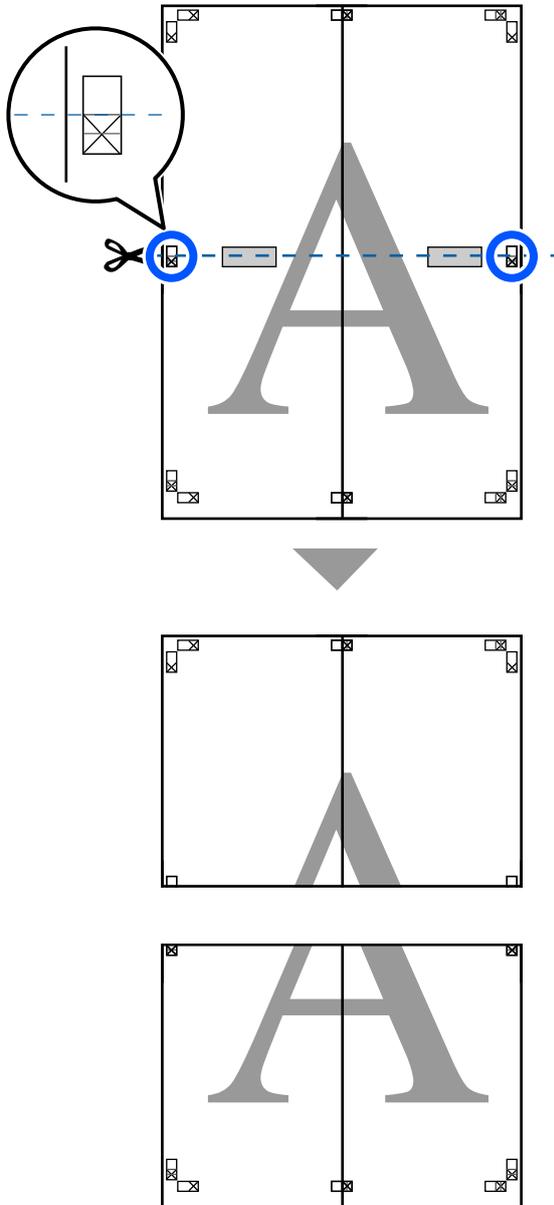
I  Join the upper and lower sheets together.
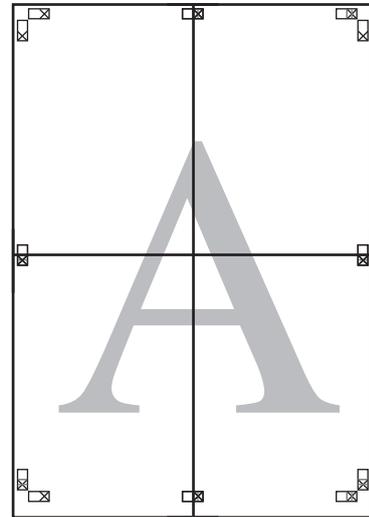
Use an adhesive tape to stick the backs of the sheets together.

10 After joining all the sheets, trim off the borders by cutting along the cut guides (outside the X marks).
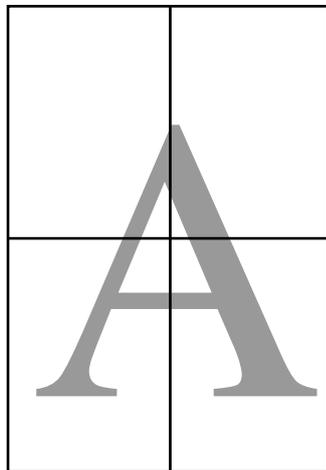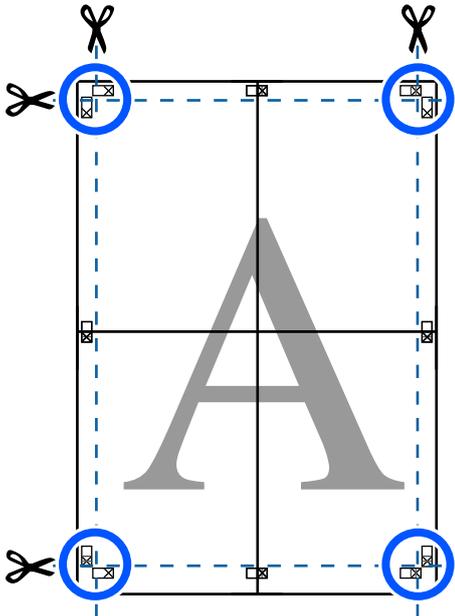
# Printing Multiple Documents (Layout Manager) (Windows Only)

Documents created in different applications can be printed together in your choice of layout. This allows you to improve print work efficiency and conserve paper.

**Sample Multi-Document Layout**

sampleA.pdf    sampleB.doc    sampleC.jpg
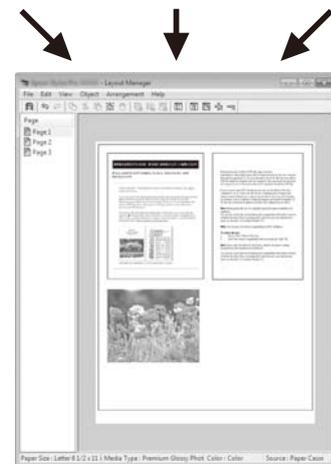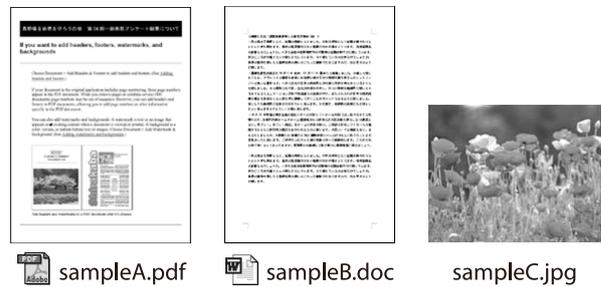
**Sample Free Vertical/Horizontal Layout**
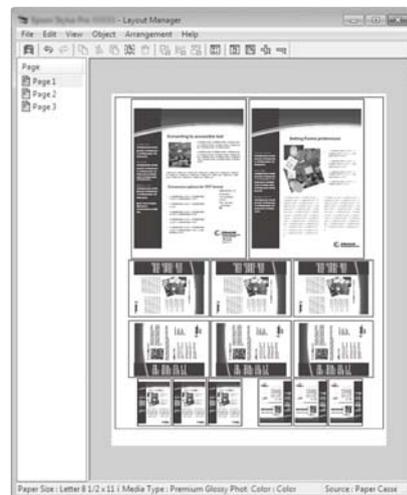
## Setting Procedures for Printing

**1** Open the file you want to print in your application.

**2** Select the **Layout Manager** check box on the Printer Settings tab of the printer driver and check that the size set in the application is displayed in Document Size.

U "Basic Operating Procedures (Windows)" on page 45
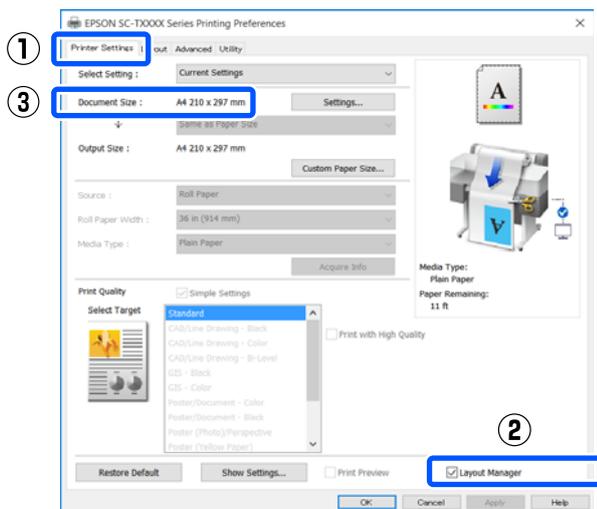


*Note:*
*Document Size is the size of the document to be placed on the Layout Manager screen. The actual printing paper size is set in the screen in Step 6.*

**3** Click **OK**. When printing from an application, the Layout Manager screen opens.

The print data is not printed, but one page is placed on the paper of the Layout Manager screen as one object.

**4** Leaving the Layout Manager screen open, repeat steps 1 to 3 until all the print data has been added to the layout.

The objects are added to the Layout Manager screen.

**5** Arrange the objects on the Layout Manager screen.

Objects can be moved or resized by dragging as well as rearranged or rotated using the tool buttons or the options in the **Object** menu.

The overall size and placement of the objects can be changed using the **Preferences** and **Arrangement** options in the **File** menu.

See the Layout Manager screen help for more details on each function.
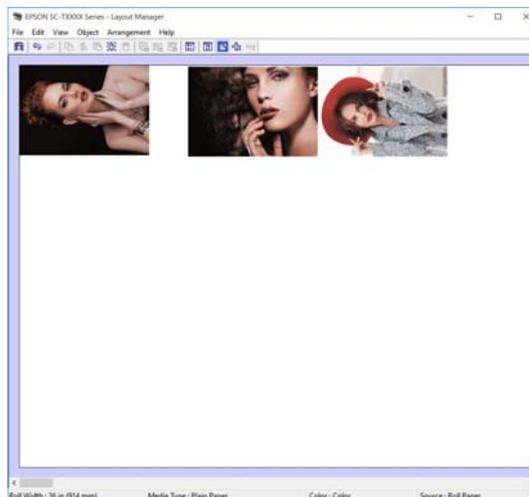


**6** Click **Properties** in the **File** menu and set the print settings in the printer driver dialog box.
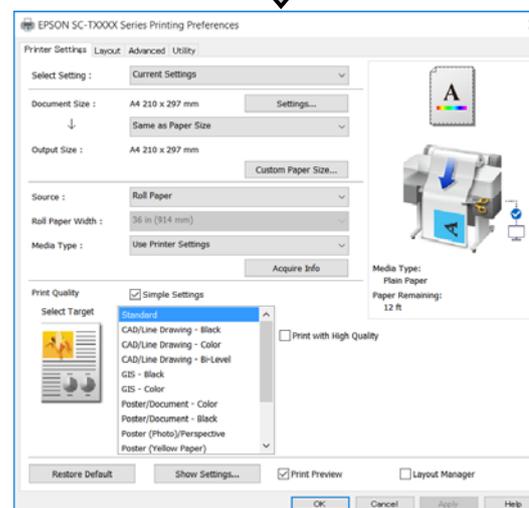


Check **Media Settings**, and set **Print Quality**.

**7** Click the **File** menu in the Layout Manager screen, and then click **Print**.

Printing starts.

# Saving and Recalling Settings

The layout and setting information on the Layout Manager screen can be saved as a file. If you need to close your application in the middle of a job, you can save it to a file and then open it later to continue your work.

## Saving

**1** Click the **File** menu on the Layout Manager screen, and then click **Save As....**

**2** Enter the file name, select the location, and then click **Save**.

**3** Close the Layout Manager screen.

## Opening saved files

**1** Right-click the printer icon ( ) on the Windows taskbar, and then click **Layout Manager** in the displayed menu.

The Layout Manager screen appears.

> *Note:*
> *When the printer icon is not displayed on the Windows taskbar*
>
> *Open the **Utility** tab of the printer driver and click the **Monitoring Preferences**. Select the **Register the shortcut icon to the taskbar** check box in the Monitoring Preferences dialog box.*
>
> 
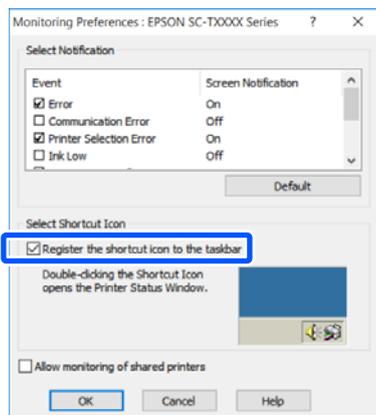
**2** Click **Open** in the **File** menu on the Layout Manager screen.

**3** Select the location and open the required file.

# Printing Using the HP-GL/2 or HP RTL Mode from a Computer

The printer can emulate[*] HP-GL/2 (compatible with HP Designjet 750C) and HP RTL. This section describes the settings of the printer and the settings in the CAD application for printing while emulating.

\*    Not all functions are supported. If you will use an untested application, test its output in advance.

For a list of applications that have been tested, visit the Epson website at http://www.epson.com.

> ❗ *Important:*
>
> *The printer may not perform as expected if the size of the data to be printed is extremely large.*

> *Note:*
> *CAD drawings can also be printed using the CAD/ line drawing mode of the supplied printer driver. We recommend printing from the printer driver when you want to print with better image quality.*
>
> U *"Printing CAD Drawings" on page 55*

## Printer Settings

Change the printer settings for printing in the HP-GL/2 or HP RTL mode as necessary in the control panel of the printer. The printer settings include basic print settings such as the paper source and margins (Universal Print Settings) and HP-GL/2 specific settings such as palette settings (HP-GL/2 Unique Settings).

## Basic Print Settings

1    Touch **Settings** - **General Settings** - **Printer Settings** - **Universal Print Settings** from the Home screen.

2    Check **Paper Source** and change the setting if necessary.

The default setting is Roll Paper. When HP-GL/2 or HP RTL print data is sent, an error occurs if paper is not loaded for the paper source set here.

3    Check the other items and make changes if necessary.

See the following for more details on Universal Print Settings items.

U "General Settings - Printer Settings" on page 123

## HP-GL/2 Specific Print Settings

If you want to change HP-GL2 specific settings such as rotating print data, merging lines, and changing the Define Palette set in the application, use the following procedure.

1    Touch **Settings** - **General Settings** - **Printer Settings** - **HP-GL/2 Unique Settings** from the Home screen.

2    Touch and change the settings of the desired items.

See the following for more details on HP-GL/2 Unique Settings items.

U "General Settings - Printer Settings" on page 123

*Note:*

***When HP-GL/2 or HP RTL printing is not performed properly***

*The printer automatically determines whether normal printing from the printer driver or emulation printing of HP-GL/2 or HP RTL from the sent print data and then switches the print mode accordingly. If mode switching is not performed correctly and printing is not performed properly, configure the setting as follows.*

❏ *When the computer and printer are connected via USB*
*Select **Settings** - **General Settings** - **Printer Settings** - **Printing Language** - **USB** from the Home screen and then change the setting from **Auto** to **HP-GL/2**.*

❏ *When the computer and printer are connected via a network*
*Select **Settings** - **General Settings** - **Printer Settings** - **Printing Language** - **Network** from the Home screen and then change the setting from **Auto** to **HP-GL/2**.*

*To print from the printer driver as usual after HP-GL/2 or HP RTL finishes, return the setting to **Auto**.*

# CAD Application Settings

Set the output device as follows according to your model. This explanation uses AutoCAD 2018 as an example.

1  Click **Plot**.
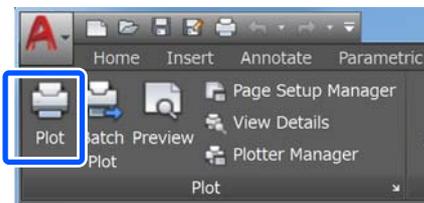


2  Set the plotter in **Printer/plotter**.

❏ SC-T5400 Series:
HP Designjet 750C C3196A

❏ SC-T3400 Series/SC-T3400N Series:
HP Designjet 750C C3195A

# Changing the Network Connection Methods

The printer can connect to a wired LAN or a wireless LAN. Furthermore, it also supports Wi-Fi Direct (Simple AP) which allows a smart device or other device to directly connect wirelessly with the printer even when there is no wired LAN or wireless LAN environment.

The printer cannot connect to a wired LAN and wireless LAN at the same time. A Wi-Fi Direct connection is possible regardless of whether or not the printer is connected to a network.

This section describes the procedures to use to switch the connection method.

> *Note:*
> *See the Administrator's Guide (online manual) for details on the network settings.*

## Switching to Wired LAN

**1**  Touch  📶📶  on the Home screen.

> *Note:*
> *The shape and color of the icon differ depending on the connection status.*
> U *"Home screen operations" on page 14*

**2**  Touch **Description**.

**3**  Touch **Wired LAN Connection Method**.

**4**  Touch **Start Setup**.

The process to disable the wireless LAN connection with the access point starts. Wait until the **The Wi-Fi connection is disabled...** message appears.

**5**  Connect your router and the printer with a LAN cable.

See the following for the location of the printer's LAN port.
U *"Side (right side)" on page 12*

## Switching to Wireless LAN

The SSID (network name) and password of the access point to which the printer is to be connected are required. Confirm them in advance. The printer can be connected to a wireless LAN while the LAN cable is still connected.

> *Note:*
> *If your access point supports WPS (Wi-Fi Protected Setup), the printer can be connected using* **Push Button Setup(WPS)** *or* **PIN Code Setup(WPS)** *without using an SSID and password.*
> U *"General Settings - Network Settings" on page 135*

**1**  Touch  📶📶  on the Home screen.

> *Note:*
> *The shape and color of the icon differ depending on the connection status.*
> U *"Home screen operations" on page 14*

**2**  Touch **Router**.

**3**  Touch **Start Setup**.

Details of the wired LAN connection status are displayed.

**4**  Touch **Change to Wi-Fi connection.**, check the displayed message, and touch **Yes**.

**5**  Touch **Wi-Fi Setup Wizard**.

**6**  Select the desired SSID.

If the desired SSID is not displayed, touch **Search Again** to update the list. If it is still not displayed, touch **Enter Manually** and directly enter the SSID.

**Changing the Network Connection Methods**

**7** Touch **Enter Password** and enter the password.

> *Note:*
> ❏ *Differentiate between uppercase and lowercase when entering the password.*
>
> ❏ *If the SSID was entered directly, set **Password** to **Available** before entering the password.*

**8** When input is finished, touch **OK**.

**9** Check the settings and then touch **Start Setup**.

**10** Touch **OK** to finish the procedure.

If the connection fails, select **Print Check Report** to print a network connection check report. You can check the measure to take in the report.

**11** Close the Network Connection Settings screen.

# Directly Connection Wirelessly (Wi-Fi Direct)

A direct connection with the printer can be established temporarily when, for example, the printer is not connected to a network or you do not have permission to log on to the network.

Wi-Fi Direct is disabled by default. The following describes the procedure from enabling Wi-Fi Direct to connecting.

> *Note:*
> *The printer can connect with up to four smart devices or computers at the same time. If you want to connect another device when there are already four devices connected, disconnect the connection with the printer from an already connected device.*

**1** Touch 📶 on the Home screen.

> *Note:*
> *The shape and color of the icon differ depending on the connection status.*

**2** Touch **Wi-Fi Direct**.

When Wi-Fi Direct is already enabled, the network (SSID), password, number of connected devices, etc. are displayed. Proceed to step 5.

> *Note:*
> *When any of the displayed network (SSID), device name, etc. is partially not visible because it is cut off at the right edge of the screen, touch the corresponding item to display the entire setting value.*

**3** Touch **Start Setup**.

**4** Touch **Start Setup**.

Wi-Fi Direct is enabled and the network (SSID), password are displayed.

**5** Open the Wi-Fi setting screen on the device you want to connect with the printer, select the SSID displayed on the screen of the printer, and enter the password just as it is displayed on the screen.

**6** When a connection is established, touch **Close** to finish the procedure.

**7** Touch **Close** on the screen of the printer to close the network connection settings screen.

When the printer driver is installed on the connected device, you can print using the printer driver.

> *Note:*
> *When you turn off the power of the printer, the connections with connected devices are all disconnected. To reconnect after turning the printer back on, perform the procedure again from step 1.*

# Using AirPrint

AirPrint enables instant wireless printing from iPhone, iPad, and iPod touch with the latest version of iOS, and Mac with the latest version of OS X.
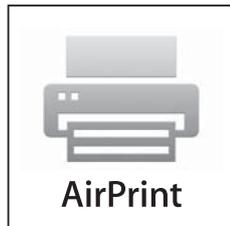
AirPrint

1 Load paper in your product.

2 Set up your product for wireless printing. See the link below.

http://epson.sn

3 Connect your Apple device to the same wireless network that your product is using.

4 Print from your device to your product.

> *Note:*
> *For details, see the AirPrint page on the Apple website.*

# Direct Printing of Files on USB Flash Memory

You can connect your USB flash memory to the printer, and print JPEG and TIFF files stored on the memory directly from the printer.

USB flash memories formatted in FAT and exFAT file systems can be used. However, you cannot use USB flash memories with security functions such as password protected ones.

**A** Connect the USB flash memory, in which the data to be printed is saved, to the printer.
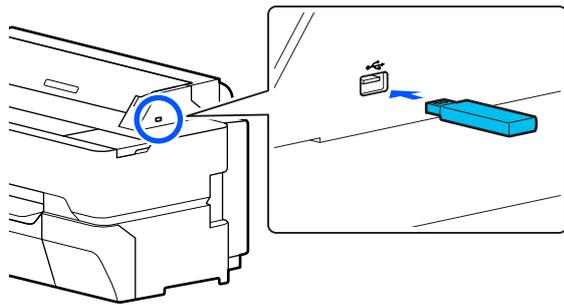


**B** Touch **Memory Device** on the Home screen.

**C** Touch **JPEG** or **TIFF**.

Touch **JPEG** to display thumbnails of JPEG files.

Touch **TIFF** to display a list of TIFF files.

**D** Select one file to print.

**Printing JPEG files**

Touch to select the file image to print, then touch **Proceed to Print**.
This will add a check mark to the selected image. Touch **Single View** to enlarge the selected image to confirm. To change the display order of files, touch ⊟ .

**Printing TIFF files**

From the list, touch a file name to select it. To change the display order of files, touch ⬆⬇ .

*Note:*
❏ *Files other than JPEG or TIFF files are not displayed on the printer screen.*

❏ *Any characters in the folder or file names that cannot be displayed by the printer will be displayed as "?".*

**E** Select **Black/White** or **Color**.

**Using advanced settings such as enlarging or reducing size**

Proceed to step 6.

**Printing at actual size without advanced settings**

Proceed to step 7.

**F** Touch the **Advanced** tab.

Enlarge/reduce settings can be configured in Reduce/Enlarge. If you set **Auto Fit Page** to **On**, printing is performed by automatically enlarging to fit the width of the roll paper or the size of the cut sheet paper loaded in the printer.

See the following for more details on other settings items.

U "Memory Device menu" on page 142

*Note:*
*If you touch ☆ (Presets), you can assign a name to frequently used print settings and then register them to Presets.*

*The screen for entering a name can be switched as shown below with the button marked.*
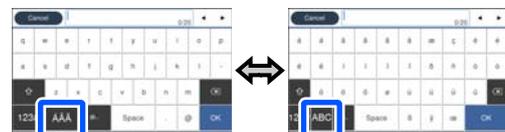


*Also, each touch of the following bottom left icon switches the input method as follows.*

*ABC: Enters alphabet letters.*

*123#: Enters numbers and symbols.*

7 Touch the numeric value for the number of prints and then enter the number of prints in the keypad screen.

> *Note:*
> *Use the **Preview** button to confirm the print image.*

8 Touch the **Print** button.

# Making Enlarged Copies with an A3 or A4 Scanner

Connecting an Epson A3 or A4 scanner to the printer makes creating enlarged copies a snap; no computer is required.

**Supported scanners**

❑  DS-530

❑  DS-6500

❑  DS-60000

Check the Epson website for the latest information on supported scanners.

http://www.epson.com

**Supported Sizes**

| Document Size[1] | Output Size |
|---|---|
| 5 x 7 inch | A2 |
| Letter | US C (17x22in) |
| A5 | JIS B2 |
| B5 | US D (22x34in) |
| A4 | A1 |
| B4 | JIS B1[2] |
| A3 | US E (34x44in)[2] |
| | A0[2] |
| | User-Defined[3] |

[1] Differs depending on the specifications of the scanner to be connected.

[2] Not supported by SC-T3400 Series/SC-T3400N Series.

[3] 89 to 914 mm wide (up to 610 mm for SC-T3400 Series/SC-T3400N Series)

**Supported paper**

Roll paper only. Enlarged copying to cut sheet is not possible.

# Connecting the Scanner

1  Ready both the printer and the scanner.

   For information on setting up the scanner, see the documentation supplied with the scanner.

2  Turn the printer and scanner off.

3  Connect the scanner to the printer using the USB cable supplied with the scanner.
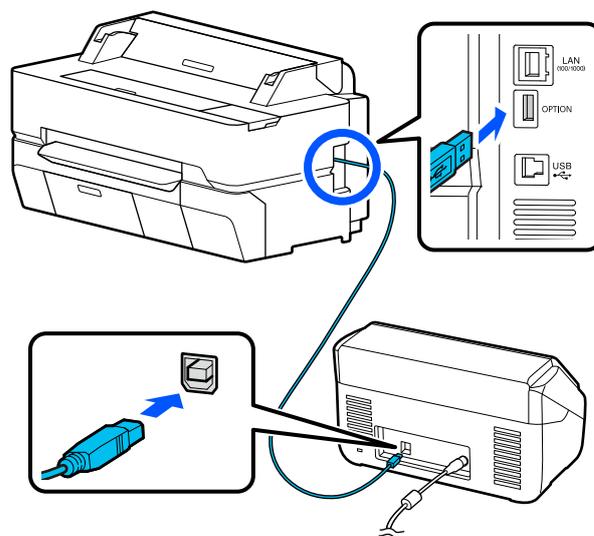


> ⚠ **Important:**
>
> *Connect the scanner directly to the printer. Enlarged copies are only available when the scanner is connected directly to the printer.*

# Making Enlarged Copies

1  Turn the printer and scanner on.

   The devices may be turned on in any order.

2  Load roll paper supported by the enlarged copying function into the printer.

   U "Loading Roll Paper" on page 29

3  Place the document on the scanner glass or in the auto document feeder (ADF).

   U "Placing Documents in the Scanner" on page 99

For information on using the scanner, see the documentation supplied with the device.

**4** Touch **Enlarged Copy** on the Home screen.

The enlarged copy dialog box is displayed.

> *Note:*
> *If **Enlarged Copy** is not displayed on the Home screen, check the following.*
>
> ❏ *Are the connectors of the USB cable connecting the printer and scanner inserted firmly?*
>
> ❏ *Is the power of the scanner on?*
>
> ❏ *Is the scanner a model that supports enlarged copying?*

**5** Select the size of the document loaded in the scanner in **Original Size** and set the enlargement setting in **Reduce/Enlarge**.

If you set **Auto Fit Page** to **On**, printing is performed by automatically enlarging to fit the width of the roll paper loaded in the printer.

> **❗ Important:**
>
> *The image quality may decline or streaks may appear depending on the document or magnification.*
>
> *If streaks appear, try performing paper adjustment.*
>
> U *"Optimizing Paper Settings (Media Adjust)" on page 42*
>
> *If the problem is not resolved, refer to the scanner manual and then clean the inside of the scanner.*

> *Note:*
> *If you touch ☆ (Presets), you can assign a name to frequently used copy settings and then register them to Presets.*
>
> *The screen for entering a name can be switched as shown below with the button marked.*
>
> 
>
> *Also, each touch of the following bottom left icon switches the input method as follows.*
>
> *ABC: Enters alphabet letters.*
>
> *123#: Enters numbers and symbols.*
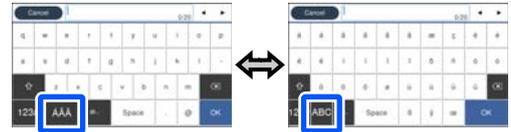
**6** Touch the numeric value for the number of copies and then enter the number of copies in the keypad screen.

**7** Touch ◈ to start copying.

Copying can also be started by touching the ⟳ button of the scanner.

# Placing Documents in the Scanner

Failure to observe the following precautions when placing the original in the scanner may result in reduced print quality or scanning failures.

❏ DS-530 is a scanner that scans both sides simultaneously but it cannot scan both sides of the document with enlarged copying. Place the side you want copying facing downward in the ADF.

❏ Be sure to insert the original in landscape (wide) orientation.
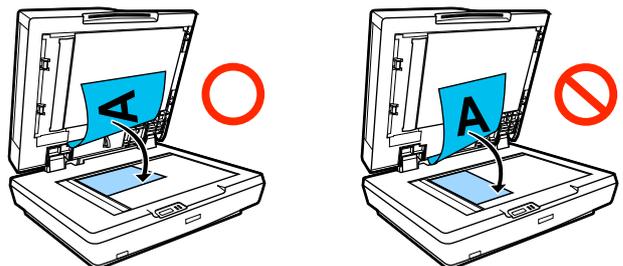
❏ If there are documents both on the glass and in the ADF, the document in the ADF will be scanned.
  Remove documents from the ADF before placing a document on the glass.

❏ The ADF can not be used when:

  ❏ When **JIS B1** or **A0** is selected for Reduce/ Enlarge and multiple copies will be made

  ❏ The original is printed on thick stock (e.g., postcards or photographs)

❏ When multiple copies are made from an original placed on the glass, the original may be scanned once for each copy.
  Wait until all the copies have been printed before opening the scanner cover.

❏ Use the ADF to scan multi-page documents.

❏ If multiple copies are set for scanning multiple sheets continuously, the copies will be printed on a page basis as shown below.
  Example: Order in which pages are output when the printer is used to make two copies of a two page document

# Using the Menu

## Menu List

The items and options available in the menu are described below. See the reference pages for more details on each item.

**Paper Setting**

The Paper Setting menu is displayed if paper is loaded.

Details of each item 〃

| Settings item | Settings value |
|---|---|
| Roll Paper | |
|   Remove | Display the removal method |
|   Feed/Cut Paper | Backward, Forward, Cut |
|   Media Adjust | |
|     Easy Adjustment | Start |
|     Paper Feed Adjust | |
|       Auto | Start |
|       Manual | Start |
|       Print length adjustment | Start |
|     Print Head Alignment | |
|       Auto | Start |
|       Manual | Start |
|   Advanced Media Setting | |
|     Platen Gap | 1.2, 1.6, 2.1<br><br>(Displayed when in Paper Type, Custom Paper is selected.) |
|     Top/Bottom Margins | Standard, Top 3 mm/Bottom 3 mm, Top 15 mm/Bottom 15 mm, Top 35 mm/Bottom 15 mm |
|     Paper Suction | -4 to +3 |
|     Back Tension | Auto, Standard, High, Extra High |

**Using the Menu**

| Settings item | Settings value |
|---|---|
| Drying Time | |
|   Drying Time per Pass | 0 to 10.0 sec |
|   Drying Time per Page | 0 to 60 min |
| Paper Size Check | On, Off |
| | (Displayed when in Paper Type, Custom Paper is selected.) |
| Auto Cut | On, Off |
| Remove Skew | On, Off |
| Manage Remaining Amount | |
|   Setup | On, Off |
|   Remaining Amount | 5.0 to 150.0 m |
|   Remaining Alert | 1.0 to 15.0 m |
| Change Paper Type | |
|   Paper Type | |
|     Plain paper | Display supported paper types |
|     Coated Paper(Generic) | |
|     Premium Glossy Sheet | |
|     Others | |
|   Paper Width | |
|     A Series | Display supported paper widths. |
|     US-ANSI | (Displayed if **Paper Size Check** is set to **Off**.) |
|     US-ARCH | |
|     B Series (ISO) | |
|     B Series (JIS) | |
|     Others | |
|     User-Defined | Display paper size input screen |

| Settings item | | | Settings value |
|---|---|---|---|
| Cut Sheet(1 sheet) | | | |
| | Remove | | Eject paper |
| | Media Adjust | | |
| | | Easy Adjustment | Start |
| | | Paper Feed Adjust | |
| | |    Auto | Start |
| | |    Manual | Start |
| | | Print Head Alignment | |
| | |    Auto | Start |
| | |    Manual | Start |
| | Advanced Media Setting | | |
| | | Platen Gap | 1.2, 1.6, 2.1 (Displayed when in Paper Type, Custom Paper is selected.) |
| | | Paper Suction | -4 to +3 |
| | | Paper Size Check | On, Off (Displayed when in Paper Type, Custom Paper is selected.) |
| | Change Paper Type/Paper Size | | |
| | | Paper Type | |
| | |    Plain paper | Display supported paper types |
| | |    Coated Paper(Generic) | |
| | |    Premium Glossy Sheet | |
| | |    Others | |
| | | Paper Size | |
| | |    A Series | Display supported paper sizes |
| | |    US-ANSI | |
| | |    US-ARCH | |
| | |    B Series (ISO) | |
| | |    B Series (JIS) | |
| | |    Others | |
| | |    User-Defined | Display paper size input screen |

**Using the Menu**

**Printer Status**

Details of each item ☞

| Settings item | Settings value |
|---|---|
| Supply Status | Display approximate remaining amounts, as well as product number of consumables |
| Message List | Display list of messages communicating printer status |
| Firmware Version | Display firmware version |
| Print Status Sheet | |
|     Configuration Status Sheet | Print |

**Using the Menu**

**Settings**

| Settings item | Settings value |
|---|---|
| General Settings | |
| Basic Settings (Details of each item ☞ "General Settings - Basic Settings" on page 121) | |
| LCD Brightness | 1 to 9 |
| Sound | |
| Mute | On, Off |
| Normal Mode | |
| Button Press | 0 to 10 |
| Error Notice | 0 to 10 |
| Sound Type | Pattern1, Pattern2 |
| Sleep Timer | 1 to 210 minutes |
| Power Off Timer | Off, 30minutes, 1h, 2h, 4h, 8h, 12h |
| Circuit Breaker Interlock Startup | On, Off |
| Date/Time Settings | |
| Date/Time | Date: yyyy.mm.dd, mm.dd.yyyy, dd.mm.yyyy<br>Time: 12h, 24h |
| Time Difference | -12:45 to +13:45 (15 minute increments) |
| Language | Display supported languages |
| Operation Time Out | On, Off |
| Keyboard | QWERTY, AZERTY, QWERTZ |
| Length Unit | m, ft / in |

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**Using the Menu**

| Settings item | Settings value |
|---|---|
| Printer Settings (Details of each item ☞ "General Settings - Printer Settings" on page 123) | |
| Paper Source Settings | |
| Error Notice | |
| Paper Size Notice | On, Off |
| Paper Type Notice | On, Off |
| Roll Paper Setup | |
| Detect Paper Meandering | On, Off |
| Print Cutting Guideline | On, Off |
| Cut for Borderless Print | Two Cuts, One Cut |
| Quick Cut | On, Off |
| Cut Mode | Normal, Quiet |
| Margin Refresh | On, Off |
| Back Tension 2 | 1 to 5 |
| Custom Paper Setting | |
| (Custom paper types 01 to 10 are displayed, and touching any of these will display settings items.) | |
| Change Name | Registered name input screen |
| Change Reference Paper | |
| Plain paper | Display supported paper types |
| Matte Paper | |
| Photo Paper | |
| CAD | |
| Others | |
| Advanced Media Setting | |
| Platen Gap | 1.2, 1.6, 2.1 |
| Top/Bottom Margins | Standard, Top 3 mm/Bottom 3 mm, Top 15 mm/Bottom 15 mm, Top 35 mm/Bottom 15 mm |
| Paper Suction | -4 to +3 |
| Back Tension | Auto, Standard, High, Extra High |

| Settings item | | | Settings value |
|---|---|---|---|
| | | Drying Time | |
| | | Drying Time per Pass | 0.0 to 10.0 sec |
| | | Drying Time per Page | 0.0 to 60 min |
| | | Paper Size Check | On, Off |
| | | Auto Cut | On, Off |
| | | Remove Skew | On, Off |
| | Restore Default | | Yes, No |
| Printing Language | | | |
| | USB | | Auto, HP-GL/2 |
| | Network | | Auto, HP-GL/2 |
| Universal Print Settings | | | |
| | Paper Source | | Roll Paper, Cut Sheet(1 sheet) |
| | Quality | | Standard, Speed, Fine, Super Fine, Draft |
| | Color Mode | | Color, Black/White |
| | Page Margins option | | Clip By Margins, Oversize |
| | Page Margin | | 3 mm, 5 mm |
| | Smoothing | | On, Off |
| | Base Output Size | | |
| | | Auto | - |
| | | A Series | Display supported paper sizes |
| | | US-ANSI | |
| | | US-ARCH | |
| | | B Series (ISO) | |
| | | B Series (JIS) | |
| | | Others | |
| | | User-Defined | Display paper size input screen |
| | Resolution | | Standard, 300dpi, 600dpi, 1200dpi |
| | Color Mode (Common) | | EPSON Standard (sRGB), Business Graphics, GIS, Line Drawing, Off (No Color Management) |

**Using the Menu**

| Settings item | Settings value |
|---|---|
| HP-GL/2 Unique Settings | |
| Rotate | 0°, 90°, 180°, 270° |
| Origin Setup | Left Edge, Center |
| Mirror Image | On, Off |
| Line Merge | On, Off |
| Color Mode (HP-GL/2) | EPSON Standard (sRGB), Business Graphics, GIS, Line Drawing, Off (No Color Management) |
| Select Palette | Software, Default, Palette A, Palette B |
| Print Color Palette | Print |
| Define Palette | |
| Palette A | Display screen to set pen width and pen color |
| Palette B | |
| Restore default HP-GL/2 Unique Settings | Yes, No |
| Memory Device Interface | |
| Memory Device | Enable, Disable |
| Thick Paper | Off, On |
| Self Check and Cleaning | Off, Once, Twice, Three times |
| Bidirectional | On, Off |
| PC Connection via USB | Enable, Disable |
| USB I/F Timeout Setting | 0 sec, or 5 to 300 sec |

**Using the Menu**

| Settings item | Settings value |
|---|---|
| Network Settings (Details of each item ☞ "General Settings - Network Settings" on page 135) | |
|   Wi-Fi Setup | |
|     Router | |
|       Connect via Wi-Fi | When wireless LAN connection disabled: Display **Connect via Wi-Fi** menu<br>When wireless LAN connection connected: Display connection status and settings information |
|         Wi-Fi Setup Wizard | |
|         Push Button Setup(WPS) | |
|         Others | |
|           PIN Code Setup(WPS) | |
|           Wi-Fi Auto Connect | |
|           Disable Wi-Fi | |
|     Wi-Fi Direct | |
|       Wi-Fi Direct | When Wi-Fi Direct disabled: Display **Wi-Fi Direct** wizard<br>When Wi-Fi Direct enabled: Display settings information and number of connected devices |
|         Change Password | |
|         Disable Wi-Fi Direct | |
|         Delete Registered Device | |
|   Wired LAN Setup | Start Setup<br><br>(Displayed when connected to a wireless LAN.) |
|   Network Status | |
|     Wired LAN/Wi-Fi Status | Display current connection settings |
|     Wi-Fi Direct Status | |
|     Print Status Sheet | Print |
|   Connection Check | Start network connection check |
|   Advanced | |
|     Device Name | Display settings change screen |
|     TCP/IP | |
|     Proxy Server | |
|     IPv6 Address | Enable, Disable |
|     Link Speed & Duplex | Auto, 10BASE-T Half Duplex, 10BASE-T Full Duplex, 100BASE-TX Half Duplex, 100BASE-TX Full Duplex |
|     Redirect HTTP to HTTPS | Enable, Disable |
|     Disable IPsec/IP Filtering | Proceed<br><br>(Displayed when enabled.) |
|     Disable IEEE802.1X | |

**Using the Menu**

| Settings item | Settings value |
|---|---|
| System Administration (Details of each item ☞ "General Settings - System Administration" on page 138) | |
|     Security Settings | |
|         Admin Settings | |
|             Admin Password | Register, Change, Clear All Settings |
|             Lock Setting | Off, On |
|         Restore Default Settings | |
|             all Wi-Fi/network settings | Yes, No |
|             Clear All Data and Settings | Yes, No |
|         Firmware Update | |
|             Update | Start Checking |
|             Notification | Off, On |
| Supply Status | Display approximate remaining amounts, as well as product number of consumables |
| Maintenance (Details of each item ☞ "Maintenance" on page 139) | |
|     Print Quality Adjustment | Start |
|     Print Head Nozzle Check | Start |
|     Head Cleaning | Start |
|     Ink Cartridge(s) Replacement | Display procedure |
|     Replace Maintenance Box | Display procedure |
|     Replace Cutter | Start |
|     Powerful Cleaning | Start |
|     Discharging/Charging Ink | Start |
| Language | Display supported languages |
| Printer Status/Print (Details of each item ☞ "Printer Status/Print" on page 140) | |
|     Print Status Sheet | |
|         Configuration Status Sheet | Print |
|     Network | Display **General Settings** - **Network Settings** - **Network Status** |

**Enlarged Copy**

Displayed when an Epson A3 or A4 scanner is connected to the printer. Set scaling in this menu to enable enlarged printing of the scanned documents.

Details of each item ⌂ <span style="color:blue">"Enlarged Copy menu" on page 141</span>

| Settings item | Settings value |
|---|---|
| Copies | 1 to 99 |
| Color Mode | Black/White, Color |
| Original Size | A4, A5, A3, B5, B4, Letter, 13 x 18 cm (5 x 7 in) |
| Reduce/Enlarge | |
|    Auto Fit Page | On, Off |
|    Custom Size | A0*, US E (34x44in)*, JIS B1*, A1, US D (22x34in), JIS B2, US C (17x22in), A2, User-Defined<br><br>*Only SC-T5400 Series is displayed. |
| Density | -4 to 4 |
| Quality | Speed, Fine |

**Memory Device**

Displayed when a USB flash memory is connected to the printer. JPEG files and TIFF files stored on the memory can be printed directly from the printer.

Details of each item ☞

| Settings item | Settings value |
|---|---|
| Basic Settings | |
| Copies | 1 to 99 |
| Paper Source | Roll Paper, Cut Sheet(1 sheet) |
| Color Mode | Black/White, Color |
| Advanced | |
| Quality | Speed, Fine, Super Fine |
| Page Margins option | Clip By Margins, Oversize, Borderless |
| Bidirectional | On, Off |
| Reduce/Enlarge | |
| Auto Fit Page | On, Off |
| Custom Size | Actual Size, A4, A3, Super A3, A2, Super A2, A1, Super A1, A0[*], Super A0[*], Letter, Legal, US B (11x17in), US C (17x22in), US D (22x34in), US E (34x44in)[*], ARCH A (9x12in), ARCH B (12x18in), ARCH C (18x24in), ARCH D (24x36in), ARCH E1 (30x42in)[*], ARCH E (36x48in)[*], ISO B4, ISO B3, ISO B2, ISO B1[*], ISO B0[*], JIS B5, JIS B4, JIS B3, JIS B2, JIS B1[*], JIS B1 (Landscape)[*], JIS B0[*], JIS Super B0[*], 24 x 30 in, 30 x 40 in[*], 36 x 44 in[*], 30 x 40 cm, 40 x 60 cm, 50 x 70 cm, 60 x 90 cm, 70 x 100 cm[*], User-Defined <br><br> *Only SC-T5400 Series is displayed. |
| Color Mode | EPSON Standard (sRGB), Business Graphics, GIS, Line Drawing, Off (No Color Management) |

# Paper Setting menu

## Roll Paper menu

❏   The Paper Setting menu is displayed if paper is loaded.

❏   **Media Adjust** adjustment results, and settings in **Advanced Media Setting** and **Manage Remaining Amount** are stored for each paper type in **Paper Type**. Changing adjustments and settings will save these as the currently selected paper type settings even if the power is turned off.

*Default setting

| Settings item | Settings value | Explanation |
| --- | --- | --- |
| Remove | | Rewind the roll paper until it is ejected from inside the printer.<br>⤷ "Removing Roll Paper" on page 34 |
| Feed/Cut Paper | Backward | Use Backward and Forward to move the paper to the desired position. Touch Cut to cut the paper using the built-in cutter.<br>⤷ "Cutting the Roll Paper" on page 32 |
| | Forward | |
| | Cut | |
| Media Adjust | | |

**Using the Menu**

| Settings item | | Settings value | Explanation |
|---|---|---|---|
| Easy Adjustment | | Start | Run this adjustment when there is a problem with print results, or after registering custom paper settings.<br><br>Touch **Start** and the printer will run Paper Feed Adjust and Print Head Alignment automatically.<br><br>☞ "Optimizing Paper Settings (Media Adjust)" on page 42 |
| Paper Feed Adjust | | | |
| | Auto | Start | Run this adjustment when streaks (horizontal banding or uneven colors) appear in print results.<br><br>For details on **Auto**, see the following. |
| | Manual | Start | |
| | Print length adjustment | Start | ☞ "Paper Feed Adjust (Auto)" on page 43<br><br>Run **Manual** if an error appears during automatic adjustment or you are not satisfied with the automatic adjustment results.<br><br>☞ "Paper Feed Adjust (Manual) Procedure" on page 156<br><br>Run **Print length adjustment** if you want to precisely adjust the paper feed amount for printing drawings and other information.<br><br>☞ "Lengths differ between the print results and print data" on page 160 |
| Print Head Alignment | | | |
| | Auto | Start | Run this adjustment when ruled lines are duplicated, lettering is warped, or print results are grainy.<br><br>For details on **Auto**, see the following. |
| | Manual | Start | ☞ "Print Head Alignment (Auto)" on page 43<br><br>Run **Manual** if an error appears during automatic adjustment or you are not satisfied with the automatic adjustment results.<br><br>☞ "Print Head Alignment (Manual) Procedure" on page 157 |
| Advanced Media Setting | | | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Platen Gap | 1.2 | Displayed when **Custom Paper** is selected in **Paper Type**. When registering Custom Paper, this is the Platen Gap (distance between print head and paper) for the paper selected in **Change Reference Paper**, so it does not normally need to be changed. Change this to a setting that will widen the gap (a higher value) if print results are smeared. |
| | 1.6 | |
| | 2.1 | |
| Top/Bottom Margins | Standard* | Setting this to Standard will set the top/bottom margins as follows depending on the printer driver print targets. |
| | Top 3 mm/Bottom 3 mm | ❏ CAD/Line Drawing: 3 mm/3 mm |
| | Top 15 mm/Bottom 15 mm | ❏ Other: 30 mm/30 mm Left and right margins will remain at 3 mm regardless of settings. If there is any soiling on the top section of the print results, increase the top margin. |
| | Top 35 mm/Bottom 15 mm | ∠ "Printable area" on page 179 |
| Paper Suction | -4 to +3 | It is important to choose the appropriate amount of suction for the paper used in order to maintain the correct distance between the paper and print head. Choosing too high a value for thin or soft paper will increase the distance between the paper and print head too much, causing print quality to decline or preventing the paper feeding correctly. In such cases, you will need to lower the paper suction. The lower the setting value, the weaker the suction power. |
| Back Tension | Auto* | If there is any wrinkling on the paper during printing, set this to **High** or **Extra High**. |
| | Standard | When this is set to **Extra High**, the following setting is enabled. |
| | High | **Settings** - **General Settings** - **Printer Settings** - **Paper Source Settings** - **Roll Paper Setup** - **Back Tension 2** |
| | Extra High | |
| Drying Time | | |
| Drying Time per Pass | 0.0 to 10.0 seconds (0.0*) | Select the time the print head pauses to allow drying after each pass. Choose from values between 0.0 and 10.0 seconds. Depending on the paper type, the ink may take a while to dry. If the ink blurs on the paper, set a longer time for drying the ink. Increasing the drying time increases the time needed to print. |
| Drying Time per Page | 0.0 to 60 minutes (0.0*) | Specify how long the printer pauses to allow the ink to dry after printing each page; choose from values between 0.0 and 60 minutes. Depending on the ink density or paper type, the ink may take a while to dry. If the ink blurs on the paper, set a longer time for drying the ink. The longer the drying time, the more time required for printing. |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Paper Size Check | On* <br><br> Off | Displayed when **Custom Paper** is selected in **Paper Type**. Select whether to detect (On) or not detect (Off) the paper width when paper is loaded. Try choosing Off if a paper setting error is displayed even though the paper is correctly loaded. Note, however, that the printer may print outside the paper when Off is selected. If it prints beyond the edges of the paper, the inside of the printer becomes dirty with ink. We generally recommend using the printer with this set to On. <br><br> The changes are applied after the paper is reloaded. Note that they are not applied if you just change the menu items. |
| Auto Cut | On* <br><br> Off | Select whether to automatically cut (On) or not cut (Off) using the built-in cutter as each page is printed on roll paper. Set On to automatically cut the edge if it is not a horizontal cut when paper is loaded. The setting selected with the printer driver takes priority when the printer driver is used. <br><br> ⏎ "Cutting the Roll Paper" on page 32 |
| Remove Skew | On* <br><br> Off | Select whether to enable (On) or disable (Off) paper skew reduction. |
| Manage Remaining Amount | | |
| Setup | On <br><br> Off* | Select whether to display/record (On) or not to display/record (Off) the amount of remaining roll paper. Set **On** to enable **Remaining Amount** and **Remaining Alert**. <br><br> ⏎ "For Roll Paper" on page 38 |
| Remaining Amount | 5.0 to 150.0 m (30*) | Entering the total length of the loaded roll paper in **Remaining Amount** displays an estimate of remaining amount of roll paper on the printer's Home screen and on the printer driver screen. |
| Remaining Alert | 1.0 to 15.0 m (5.0*) | In **Remaining Alert**, set the limit at which to display a warning when the amount of remaining roll paper drops below that limit. You can set in 0.1 m increments. <br><br> Also, when the roll paper is removed, the remaining amount, setting value of Remaining Alert, and paper type are automatically converted to a barcode which is printed at the end of the roll paper. The printer automatically reads the barcode and sets the settings when you load the roll paper next time. |
| Change Paper Type | | |

**Using the Menu**

| Settings item | Settings value | Explanation |
| --- | --- | --- |
| Paper Type | Plain paper* | Select the type of the loaded paper. The three options other than **Others** display the most recently selected paper type. When the desired paper type is not displayed, touch **Others** to display the other paper types and then select a paper type.<br><br>U "For Roll Paper" on page 38 |
|  | Coated Paper(Generic) |  |
|  | Premium Glossy Sheet |  |
|  | Others |  |
| Paper Width | A Series | This is displayed if **Advanced Media Setting** - **Paper Size Check** is set to **Off**.<br><br>Select the width of the loaded paper.<br><br>If the desired size is not in the options, select User-Defined and enter the paper width. |
|  | US-ANSI |  |
|  | US-ARCH |  |
|  | B Series (ISO) |  |
|  | B Series (JIS) |  |
|  | Others |  |
|  | User-Defined |  |

# Cut Sheet(1 sheet) menu

The Paper Setting menu is displayed if paper is loaded.

*Default setting

| Settings item | Settings value | Explanation |
|---|---|---|
| Remove | | Touch to eject the loaded cut sheet (1 sheet) without printing. Touch to eject to the front.<br><br>U "Removing Cut Sheet (1 Sheet)" on page 37 |
| Media Adjust | | |
| Easy Adjustment | Start | Run this adjustment when there is a problem with print results, or after registering custom paper settings.<br><br>Simply touch **Start** and the printer will run Paper Feed Adjust and Print Head Alignment automatically.<br><br>U "Optimizing Paper Settings (Media Adjust)" on page 42 |
| Paper Feed Adjust | | |
| Auto | Start | Run this adjustment when streaks (horizontal banding or uneven colors) appear in print results.<br><br>For details on **Auto**, see the following.<br><br>U "Paper Feed Adjust (Auto)" on page 43<br><br>Run **Manual** if an error appears during automatic adjustment or you are not satisfied with the automatic adjustment results.<br><br>U "Paper Feed Adjust (Manual) Procedure" on page 156 |
| Manual | Start | |
| Print Head Alignment | | |
| Auto | Start | Run this adjustment when ruled lines are duplicated, lettering is warped, or print results are grainy.<br><br>For details on **Auto**, see the following.<br><br>U "Print Head Alignment (Auto)" on page 43<br><br>Run **Manual** if an error appears during automatic adjustment or you are not satisfied with the automatic adjustment results.<br><br>U "Print Head Alignment (Manual) Procedure" on page 157 |
| Manual | Start | |
| Advanced Media Setting | | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Platen Gap | 1.2 | This is displayed when **Custom Paper** is selected in **Paper Type**. When registering Custom Paper, this is the Platen Gap (distance between print head and paper) for the paper selected in **Change Reference Paper**, so it does not normally need to be changed. Change this to a setting that will widen the gap (a higher value) if print results are smeared. |
| | 1.6 | |
| | 2.1 | |
| Paper Suction | -4 to +3 | It is important to choose the appropriate amount of suction for the paper used in order to maintain the correct distance between the paper and print head. Choosing too high a value for thin or soft paper will increase the distance between the paper and print head too much, causing print quality to decline or preventing the paper feeding correctly. In such cases, you will need to lower the paper suction. The lower the setting value, the weaker the suction power. |
| Paper Size Check | On* | This is displayed when **Custom Paper** is selected in **Paper Type**. Select whether to detect (On) or not detect (Off) the paper width when paper is loaded. Try choosing Off if a paper setting error is displayed even though the paper is correctly loaded. Note, however, that the printer may print outside the paper when Off is selected. If it prints beyond the edges of the paper, the inside of the printer becomes dirty with ink. We generally recommend using the printer with this set to On.

The changes are applied after the paper is reloaded. Note that they are not applied if you just change the menu items. |
| | Off | |
| Change Paper Type/Paper Size | | |
| Paper Type | Plain paper* | Select the type of the loaded paper. The three options other than **Others** display the most recently selected paper type. When the desired paper type is not displayed, touch **Others** to display the other paper types and then select a paper type.

☞ "For Cut Sheet(1 sheet)" on page 39 |
| | Coated Paper(Generic) | |
| | Premium Glossy Sheet | |
| | Others | |
| Paper Size | A Series | Select the size of the loaded paper.

If the desired size is not in the options, then select **User-Defined**, and enter the paper width and length. |
| | US-ANSI | |
| | US-ARCH | |
| | B Series (ISO) | |
| | B Series (JIS) | |
| | Others | |
| | User-Defined | |

# Printer Status menu

*Default setting

| Settings item | Settings value | Explanation |
| --- | --- | --- |
| Supply Status | | Display the approximate remaining amounts of each color in ink cartridge and its product number, and the approximate capacity in and product number of the Maintenance Box.<br><br>The shorter a bar is, the lower the remaining amount of ink or space. Even if ⚠ is displayed, printing is possible until replacement is instructed. However, ensure that a new ink cartridge of that color, or a new Maintenance Box is readied in advance.<br><br>Furthermore, the ink color codes beside the bars indicate the following.<br><br>❏   Y: Yellow<br><br>❏   M: Magenta<br><br>❏   C: Cyan<br><br>❏   K: Black |
| Message List | | Display a list of messages communicating printer status. Select a message from the list to display detailed information. |
| Firmware Version | | Display the printer firmware version. |
| Print Status Sheet | | |
|    Configuration Status Sheet | | Print a list of current printer settings. Use this to view all information at a glance. |
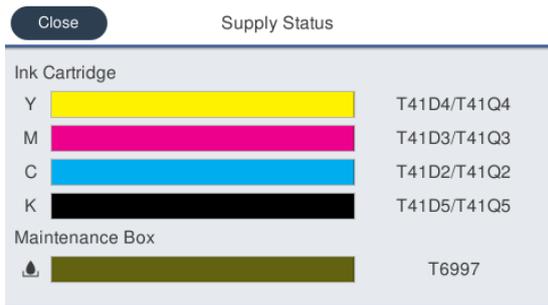
# Settings menu

## General Settings

### General Settings - Basic Settings

*Default setting

| Settings item | Settings value | Explanation |
|---|---|---|
| LCD Brightness | 1 to 9 (9*) | Adjust screen brightness. |
| Sound | | |
| Mute | On | Setting this to **On** will mute the sound output when touching the menu or other items on the control panel screen, and the confirmation sound output when inserting paper into the paper slot when loading paper. |
| | Off* | |
| Normal Mode | | |
| Button Press | 0 to 10 (5*) | Adjust the volume of the sound when touching the menu or other items on the control panel screen, and of the confirmation sound when inserting paper into the paper slot when loading paper. |
| Error Notice | 0 to 10 (5*) | Adjust the volume of the sound notifying of an error. |
| Sound Type | Pattern1* | Adjust the type of the sound when touching the menu or other items on the control panel screen, and of the confirmation sound when inserting paper into the paper slot when loading paper. |
| | Pattern2 | |
| Sleep Timer | 1 to 210 minutes (15*) | The printer will enter sleep mode if no errors have occurred, no print jobs have been received, and no actions are performed on the control panel for an extended period of time. This setting selects the amount of time until the printer enters sleep mode.<br><br>⌦ "Saving Power" on page 21 |
| Power Off Timer | Off | You can select the time after which the printer will turn off automatically if no errors have occurred, no print jobs have been received, or no actions are performed on the control panel for an extended period of time.<br><br>⌦ "Saving Power" on page 21 |
| | 30minutes | |
| | 1h | |
| | 2h | |
| | 4h | |
| | 8h* | |
| | 12h | |
| Circuit Breaker Interlock Startup | On* | Select whether to turn the printer on (On) or off (Off) when the breaker switch is turned on. |
| | Off | |
| Date/Time Settings | | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Date/Time | - | Enter the current date and time. |
| Time Difference | -12:45 to +13:45 (0.00*) | Set the difference with coordinated universal time (UTC) in 15 minute increments. <br><br> In network environments with a time difference, set this as necessary when administrating the printer. |
| Language | Japanese | Select the language used on the control panel's screen. |
| | English | |
| | French | |
| | Italian | |
| | German | |
| | Portuguese | |
| | Spanish | |
| | Dutch | |
| | Polish | |
| | Russian | |
| | Korean | |
| | Simplified Chinese | |
| | Traditional Chinese | |
| Operation Time Out | On* | Setting this to **On** will display a message and return to the Home screen if there is no operation within a certain amount of time while a screen other than the Home screen is displayed. |
| | Off | |
| Keyboard | QWERTY* | Select the key arrangement for the text input screen displayed when entering the name of Custom Paper or other name. |
| | AZERTY | |
| | QWERTZ | |
| Length Unit | m* | Select the units of length to use when displaying the length of roll paper and other items. |
| | ft / in | |

# General Settings - Printer Settings

*Default setting

| Settings item | | | Settings value | Explanation |
|---|---|---|---|---|
| **Paper Source Settings** | | | | |
| | Error Notice | | | |
| | | Paper Size Notice | On | Setting this to **On** will display an error message when the output size or paper type settings of print jobs sent to the printer differ from those settings in the printer. |
| | | | Off* | |
| | | Paper Type Notice | On | |
| | | | Off* | |
| | Roll Paper Setup | | | |
| | | Detect Paper Meandering | On* | If On is selected, an error will be displayed in the control panel and printing will stop if the paper is skewed; select Off to disable this feature. On is recommended in most circumstances as skewed paper may cause the printer to jam. |
| | | | Off | |
| | | Print Cutting Guideline | On | If Auto Cut is Off, you can choose to print (On) or not print (Off) cut lines on roll paper. Cut lines are not printed if Auto Cut is On or when cut sheets are used.<br>Note, however, that if the roll width selected with the computer is narrower than the paper loaded in the printer, cut lines will be printed regardless of the option selected for Auto Cut.<br>The setting selected with the printer driver takes priority when the printer driver is used. |
| | | | Off* | |
| | | Cut for Borderless Print | Two Cuts* | Select whether to insert a margin and cut twice between pages (Two Cuts) or cut once between pages (One Cut) when printing multiple pages with borderless printing.<br><br>The setting selected with the printer driver takes priority when the printer driver is used.<br><br>U "About Roll Paper Cutting" on page 67 |
| | | | One Cut | |
| | | Quick Cut | On* | Specify the cutting operation for printing multiple page jobs.<br><br>Setting this to On will cut the preceding printout when its trailing edge reaches the cutting position while the next job is being printed. This shortens the printing time because printing and cutting are done in tandem.<br><br>The details of the cutting operation are the same as **One Cut** of **Cut for Borderless Print** or **Single Cut** of the printer driver.<br><br>U "About Roll Paper Cutting" on page 67<br><br>Setting this to **Off** will start the next print job after the preceding print job is fed to its cutting position and cutting is completed. |
| | | | Off | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Cut Mode | Normal* | If you want to reduce operation noise during cutting, set **Quiet**. If **Quiet** is set, the cutting speed is reduced. |
| | Quiet | |
| Margin Refresh | On* | Select whether to automatically cut (On) or not cut (Off) the leading edge in order to remove ink stains that may have been left by previous borderless printing before printing with borders. |
| | Off | |
| Back Tension 2 | 1 to 5 (2*) | When one of the following settings is set, this setting is enabled. |
| | | ❏  Roll paper information area - **Advanced Media Setting** - **Back Tension** - **Extra High** |
| | | ❏  **Settings** - **General Settings** - **Printer Settings** - **Custom Paper Setting**-**Advanced Media Setting** - **Back Tension** - **Extra High** |
| | | If wrinkles are formed in the paper during printing even when **High** is set in the above **Back Tension** menu, select **Extra High** and then configure the strength of the back tension in this setting. |
| | | A higher value produces a higher tension. |

| Settings item | Settings value | Explanation |
|---|---|---|
| Custom Paper Setting <br> (Touching any of registry number 01 to 10 will display settings items.) | | |
| Change Name | | Register and change the name of the custom paper settings. The name registered here is displayed in the **Paper Type** list. <br><br> Touch this to display the keypad screen. Up to 20 characters may be input for the name. The keypad screen can be switched as shown below with the button marked. <br><br> Touch the icons at bottom left to switch between input methods. <br><br> ABC: Enters alphabet letters. <br><br> 123#: Enters numbers and symbols. <br><br> To change the key layout of the full keyboard, use **Keyboard** in the Basic Settings menu. <br><br> U "General Settings - Basic Settings" on page 121 |
| Change Reference Paper | Plain paper* | You can select the media type that is the closest to the paper you are using. |
| | Matte Paper | |
| | Photo Paper | |
| | CAD | |
| | Others | |
| Advanced Media Setting | | |
| Platen Gap | 1.2 | This is the Platen Gap (distance between print head and paper) for the paper selected in **Change Reference Paper**, so it does not normally need to be changed. Change this to a setting that will widen the gap (a higher value) if print results are smeared. |
| | 1.6 | |
| | 2.1 | |
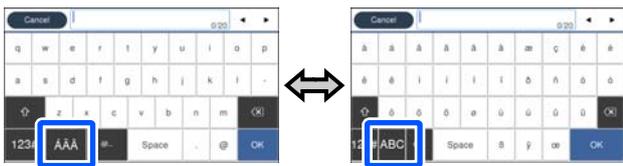
**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Top/Bottom Margins | Standard* | Setting this to Standard will set the top/bottom margins as follows depending on the printer driver print targets. |
| | Top 3 mm/Bottom 3 mm | ❏　CAD/Line Drawing: 3 mm/3 mm |
| | Top 15 mm/Bottom 15 mm | ❏　Other: 30 mm/30 mm<br><br>Left and right margins will remain at 3 mm regardless of settings. If there is any soiling on the top section of the print results, increase the top margin. |
| | Top 35 mm/Bottom 15 mm | △ "Printable area" on page 179 |
| Paper Suction | -4 to +3 | It is important to choose the appropriate amount of suction for the paper used in order to maintain the correct distance between the paper and print head. Choosing too high a value for thin or soft paper will increase the distance between the paper and print head too much, causing print quality to decline or preventing the paper feeding correctly. In such cases, you will need to lower the paper suction. The lower the setting value, the weaker the suction power. |
| Back Tension | Auto* | If there is any wrinkling on the paper during printing, select **High** or **Extra High**. |
| | Standard | When this is set to **Extra High**, the following setting is enabled. |
| | High | **Settings** - **General Settings** - **Printer Settings** - **Paper Source Settings** - **Roll Paper Setup** - **Back Tension 2** |
| | Extra High | |
| Drying Time | | |
| Drying Time per Pass | 0.0 to 10.0 seconds (0.0*) | Select the time the print head pauses to allow drying after each pass. Choose from values between 0.0 and 10.0 seconds. Depending on the paper type, the ink may take a while to dry. If the ink blurs on the paper, set a longer time for drying the ink. Increasing the drying time increases the time needed to print. |
| Drying Time per Page | 0.0 to 60 minutes (0.0*) | Specify how long the printer pauses to allow the ink to dry after printing each page; choose from values between 0 and 60 minutes. Depending on the ink density or paper type, the ink may take a while to dry. If the ink blurs on the paper, set a longer time for drying the ink. The longer the drying time, the more time required for printing. |

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**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Paper Size Check | On* <br> Off | Select whether to detect (On) or not detect (Off) the paper width when paper is loaded. Try choosing Off if a paper setting error is displayed even though the paper is correctly loaded. Note, however, that the printer may print outside the paper when Off is selected. If it prints beyond the edges of the paper, the inside of the printer becomes dirty with ink. We generally recommend using the printer with this set to On. <br><br> The changes are applied after the paper is reloaded. Note that they are not applied if you just change the menu items. |
| Auto Cut | On* <br> Off | Select whether to automatically cut (On) or not cut (Off) using the built-in cutter as each page is printed on roll paper. Set On to automatically cut the edge if it is not a horizontal cut when paper is loaded. <br><br> The setting selected with the printer driver takes priority when the printer driver is used. <br><br> U "Cutting the Roll Paper" on page 32 |
| Remove Skew | On* <br> Off | Select whether to enable (On) or disable (Off) paper skew reduction. |
| Restore Default | | Restore the selected Custom Paper settings to default settings. |
| Printing Language | | |
| USB | Auto* <br> HP-GL/2 | Normally, leave the setting as Auto. If HP-GL/2 or HP RTL print data is sent from a CAD application or plotter, this is automatically determined, and switched to HP-GL/2 mode. <br> If HP-GL/2 mode printing is not carried out normally, or if normally printing in HP-GL/2 or HP RTL, set as **HP-GL/2**. |
| Network | Auto* <br> HP-GL/2 | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Universal Print Settings | | |
| Paper Source | Roll Paper* | Select the paper source. If the paper is not loaded as in the set paper source, then an error will occur during printing. |
| | Cut Sheet(1 sheet) | |
| Quality | Standard* | Select the print quality. **Standard** will print with the quality mode appropriate for the Paper Type setting for the paper selected in **Paper Source**. |
| | Speed | |
| | Fine | |
| | Super Fine | |
| | Draft | |
| Color Mode | Color* | Specify whether to print in color or switch to black and white and then print. |
| | Black/White | |
| Page Margins option | Clip By Margins* | Depending on the base output size setting, adds the value selected for the page margin (area of **B** in the following illustration) inside the hard clip area of the PS command of the data or the size selected for base output size (area of **A** in the following illustration). When there is a print object in the margin section, it is clipped and not printed.  |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
|  | Oversize | The position at which the margin is added depends on the base output size setting, as shown below.<br><br>❑ When set to Auto<br>Adds the value selected for page margin (area of **B** in the following illustration) outside the hard clip area of the PS command of the data (area of **A** in the following illustration).<br><br><br><br>❑ When set to a standard size or user defined size<br>Adds the value selected for page margin (area of **B** in the following illustration) outside the size selected for base output size (area of **A** in the following illustration). With the actual output size, the margin section becomes larger than the selected size (the area of **A** in the following illustration).<br><br> |
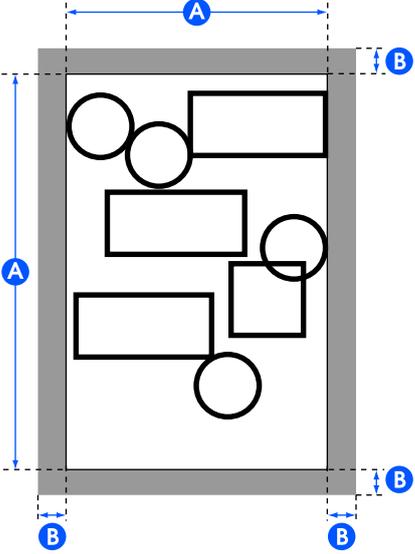
**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Page Margin | 3 mm* | Select the top, bottom, left, and right margin values. |
| | 5 mm | For a cut sheet, the top, bottom, left, and right margin values are 3 mm regardless of the settings. |
| Smoothing | On | This setting is enabled when **Resolution** is set to **Standard** and there is no resolution specification in the sent print data. Setting this to **On** will print at the maximum resolution corresponding to the Paper Type setting for the paper selected in **Paper Source**, but depending on the data, this may result in a long print time, or failures in printing because of insufficient memory. |
| | Off* | |
| Base Output Size | Auto* | The hard clip area of the PS command of the data becomes the base output size. The actual output size depends on the Page Margins option. When the data does not contain a PS command, the smallest rectangle area Ⓐ of in the following illustration including the print object becomes the base output size.  |
| | A Series | The compatible standard sizes for the selected **Paper Source** are displayed, therefore select the Base Output Size. The actual output size depends on the Page Margins option. For a cut sheet, this setting is available only when the data does not contain a PS command. If the data contains a PS command, this setting is not available, and the hard clip area of the PS command becomes the Base Output Size. |
| | US-ANSI | |
| | US-ARCH | |
| | B Series (ISO) | |
| | B Series (JIS) | |
| | Others | |
| | User-Defined | Select this option when outputting at non-standard sizes. After selecting this setting, set Paper Width and Paper Height. You can set in 0.1 mm increments. The actual output size depends on the Page Margins option. |
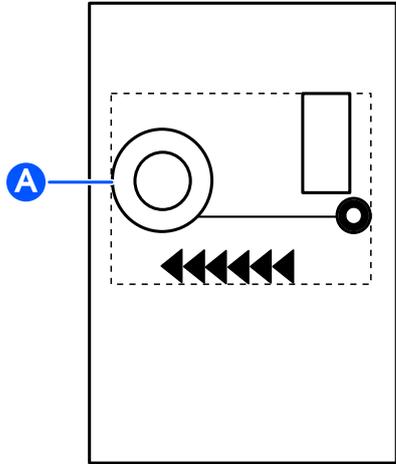
**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Resolution | Standard* | This setting is enabled when the resolution is not specified in the sent print data. **Standard** will print at the resolution corresponding to the Paper Type setting for the paper selected in **Paper Source** and the **Quality** setting. |
| | 300dpi | |
| | 600dpi | |
| | 1200dpi | |
| Color Mode (Common) | EPSON Standard (sRGB) | Optimize the sRGB space and correct the color. |
| | Business Graphics* | Perform color correction to sharpen your images based on the sRGB space. |
| | GIS | Perform color correction suitable for when printing GIS (Geographic Information System) topographical maps or similar. |
| | Line Drawing | Perform color correction suitable for CAD drawings and other line drawings. |
| | Off (No Color Management) | Do not perform color correction. |

**HP-GL/2 Unique Settings**

(Print settings inherent to HP-GL/2 or HP RTL modes.)

| Settings item | Settings value | Explanation |
|---|---|---|
| Rotate | 0°* | You can rotate the coordinates of the drawn data counterclockwise in units of 90° before printing. Note that objects drawn by RTL are not rotated. When both this setting and the RO command specify rotation, rotation is performed using the combined amount of both values. Note that rotation by the RO command is for objects only (the arrow section in the following illustration), and rotation is not performed for the drawn area (the square section in the following illustration). As a result, objects in a section that protrude from the drawn area are not printed. |
| | 90° | |
| | 180° | |
| | 270° |  |
| Origin Setup | Left Edge* | Set the data coordinate origin. |
| | Center | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Mirror Image | On<br><br>Off* | Select whether to flip horizontally (mirror) using the center of the output size width as the basis line and then print (On) or print without flipping horizontally (Off).<br><br>OFF            ON<br><br>P            q<br><br>If an angle is specified for rotate, the rotated result is flipped horizontally. |
| Line Merge | On<br><br>Off* | Select whether to merge the intersection of the overlapping lines within the image according to the MC command of the data (On), or move lines to be printed later to the front at intersections (Off).<br><br>ON            OFF |
| Color Mode (HP-GL/2) | EPSON Standard (sRGB) | Optimize the sRGB space and correct the color. |
| | Business Graphics | Perform color correction to sharpen your images based on the sRGB space. |
| | GIS | Perform color correction suitable for when printing GIS (Geographic Information System) topographical maps or similar. |
| | Line Drawing* | Perform color correction suitable for CAD drawings and other line drawings. |
| | Off (No Color Management) | Do not perform color correction. |

| Settings item | Settings value | Explanation |
|---|---|---|
| Select Palette | Software* | From the following selections, choose the palette that specifies the color and thickness of the logical pen. |
| | Default | ❏ Software: Print according to the pen configuration set in the application, and ignore the built-in palette of the printer. |
| | Palette A | ❏ Default: Print according to the settings of the built-in palette of the printer specified in advance. The settings of the palette cannot be changed. The built-in palette specifies a logical pen with a pen width of 0.35 mm and 256 colors. |
| | Palette B | ❏ Palette A / Palette B: Print according to the settings of the built-in palette that you specified for Define Palette. If Define Palette setting is not set, the results are the same as when Default is selected. |
| | | When Default / Palette A / Palette B are set, the pen configuration set in the application is ignored. Selected palette settings can be printed with **Print Color Palette** and confirmed. |
| Print Color Palette | Print | Settings of the palette selected in **Select Palette** are printed as A3 size. You can check the colors corresponding to the color number for the pen colors. |
| Define Palette | | |
| Palette A | | |
| Pen 0toPen 15 | | |
| Pen Width | 0.13 to 12.00 mm | In **Select Palette**, selecting **Palette A** will print in accordance with the settings defined here. |
| Pen Color | 0 to 255 | You can define a unique built-in palette by specifying the pen width and color for the 16 types of logical pen. Select the pen number, and then define the pen width and pen color for each pen. You can use **Print Color Palette** to print and check the colors corresponding to the color number for the pen colors. |
| Palette B | | |
| Pen 0toPen 15 | | |
| Pen Width | 0.13 to 12.00 mm | In **Select Palette**, selecting **Palette B** will print in accordance with the settings defined here. |
| Pen Color | 0 to 255 | Settings details are the same as for Palette A. |
| Restore default HP-GL/2 Unique Settings | No | Select **Yes** to restore all HP-GL/2 Unique Settings settings to the default settings. |
| | Yes | |
| Memory Device Interface | Enable* | Select whether to permit (Enable) or not permit (Disable) connecting a USB flash memory to the printer and then directly printing the data in the memory. |
| | Disable | |
| Thick Paper | Off* | If the paper is thick, the print head may scuff the print surface. Choose **On** to prevent scuffing. If **On** is set, the platen gap, which is the distance between the print head and paper, will widen. However, if the platen gap is already at its maximum, then setting this to **On** will have no effect. |
| | On | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Self Check and Cleaning | Off | Self Check and Cleaning is a function to automatically perform a print head clogging check and perform cleaning if there is clogging at times such as when the power is turned on or before starting printing. Select the number of times to perform automatic cleaning when there is clogging. If **Off** is selected, both the check and cleaning will not be performed. |
| | Once[*] | |
| | Twice | |
| | Three times | |
| Bidirectional | On[*] | Setting this to **On** will cause the print head to print while moving both left and right. Setting this to **Off** will reduce the ruled line misalignment, but printing will take more time. |
| | Off | |
| PC Connection via USB | Enable[*] | Setting this to **Enable** allows access from a USB-connected computer. Setting this to **Disable** does not allow access. |
| | Disable | |
| USB I/F Timeout Setting | 0 sec, or 5 to 300 sec (60[*]) | If printing stops mid-way when the printer and computer are connected by a USB cable, set a longer time. |

# General Settings - Network Settings

*Default setting

| Settings item | Settings value | Explanation |
|---|---|---|
| Wi-Fi Setup | | |
| Router (Connect via Wi-Fi) | | **Disconnected or disabled** |
| | | This is displayed in gray. Touch this, and on the next screen touching **Start Setup** will display a **Wi-Fi Setup Wizard** menu, performing a connection operation. |
| | | **Connected** |
| | | Touch to display the connection status and settings information. Touch **Change Settings** to display **Wi-Fi Setup Wizard** and other menus, where you can switch the access point. |
| | | U "Switching to Wireless LAN" on page 93 |
| | Wi-Fi Setup Wizard | The list of SSIDs for the detected access points is displayed. From the list, select the SSID to connect to, and connect. |
| | Push Button Setup(WPS) | If the access point to use supports WPS (Wi-Fi Protected Setup), then this menu item can be used for connection. Input of SSID and password is not required. After selecting this menu item, touch and hold the push button on the access point until it flashes, then again touch **Start Setup** on the printer screen to connect. |
| | Others | |
| | PIN Code Setup(WPS) | If the access point to use supports WPS (Wi-Fi Protected Setup), then this menu item can be used for connection. Touch this to display the PIN code and **Start Setup**. Input the displayed PIN code from a computer into the access point within 2 minutes, then touch **Start Setup** to connect. |
| | Wi-Fi Auto Connect | The menu used after installing software from the Software Disc, and connecting to the printer by following the wizard. |
| | Disable Wi-Fi | Selecting this means that the wireless LAN connection will be initialized and disconnected. In the event of problems with the wireless LAN connection, use this menu to reconnect and attempt to resolve the problem. |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Wi-Fi Direct | | **Disconnected or disabled** |
| | | This is displayed in gray. Touch this, and on the next screen touching **Start Setup** will display **Start Setup**. Touch **Start Setup** to enable Wi-Fi Direct, and display the SSID and password of the printer. |
| | | **Connected** |
| | | Touch to display the printer SSID and password, as well as the number of connected devices. Touch **Change Settings** to display **Change Password** and other menus. |
| | | U "Directly Connection Wirelessly (Wi-Fi Direct)" on page 94 |
| | Change Password | You can change the Wi-Fi Direct password. Changing the password will disconnect all connected computers and smart devices. |
| | Disable Wi-Fi Direct | Performing this operation will disconnect all connected computers and smart devices. To disconnect only a specific device, disconnect the connection from the device. |
| | Delete Registered Device | Android smart device menu item. |
| | | When using the Wi-Fi Direct function on an Android smart device to connect to the printer, a screen upon which to select whether to approve or refuse this connection will be displayed on the printer. If refuse is selected, then subsequent connection with this device will not be possible. To connect with devices for which connection has been refused, open this menu, and delete registered device information. |
| Wired LAN Setup | | Touch to change a wireless LAN connection to a wired LAN connection. Touch **Start Setup** to disable the wireless LAN connection. |
| | | U "Switching to Wired LAN" on page 93 |
| Network Status | | |
| | Wired LAN/Wi-Fi Status | Display current communications status and connection settings such as IP address, etc. |
| | Wi-Fi Direct Status | Display number of connected devices and connection settings such as SSID. |
| | Print Status Sheet | Print current network connection detailed information. |
| Connection Check | | Confirm the network status of the printer, and print a network connection check report. In the event of problems, respond in accordance with the diagnostics results. |
| Advanced | | |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Device Name | | Set the name of the printer to use on the network. |
| TCP/IP | Auto* | Automatically assign the printer IP address using DHCP functionality in the router. |
| | Manual | Select this to manually assign a fixed IP address, then input the IP address, subnet mask, and other required information. For details, see the *Administrator's Guide*. |
| Proxy Server | Use | When using a proxy server to directly connect from the intranet to the Internet so that the printer may directly access the Internet for firmware updates or similar, select **Use**, and set the server name and port number. |
| | Do Not Use* | |
| IPv6 Address | Enable* | Select whether to enable or disable the IPv6 function. |
| | Disable | |
| Link Speed & Duplex | Auto* | Normally, set this to **Auto**. |
| | 10BASE-T Half Duplex | |
| | 10BASE-T Full Duplex | |
| | 100BASE-TX Half Duplex | |
| | 100BASE-TX Full Duplex | |
| Redirect HTTP to HTTPS | Enable* | Select whether to enable or disable the function to auto-redirect HTTP to HTTPS. |
| | Disable | |
| Disable IPsec/IP Filtering | Enable | To enable IPsec/IP filtering functionality, use Web Config. For details, see the *Administrator's Guide*. |
| | Disable* | |
| Disable IEEE802.1X | Enable | To enable IEEE802.1X functionality, use Web Config. For details, see the *Administrator's Guide*. |
| | Disable* | |

## General Settings - System Administration

*Default setting

| Settings item | Settings value | Explanation |
|---|---|---|
| **Security Settings** | | |
| Admin Settings | | |
| Admin Password | Register | When using the Lock Setting function, touch **Register** and set the administrator password. If changing a password that has already been set, touch **Change** and set the new password. |
| | Change | |
| | Clear All Settings | Set the password and set **Lock Setting** to **On** to ask for input of a password when displaying specific settings menus such as network configuration. |
| | | These menus will only be displayed if the correct password is entered, preventing non-administrators from accidentally changing settings. |
| | | Keep the password in a safe place. |
| | | Should you forget the password, contact your dealer or Epson Support. |
| Lock Setting | Off$^*$ | Setting **On** will result in the administrator password being requested when any of the following menu items are selected, and unless the password is entered, changing the setting or running the function will not be possible. When selecting On, first set the Admin Password. |
| | On | ❏   Sleep Timer |
| | | ❏   Power Off Timer |
| | | ❏   Circuit Breaker Interlock Startup |
| | | ❏   Date/Time Settings |
| | | ❏   Operation Time Out |
| | | ❏   Printing Language |
| | | ❏   Universal Print Settings |
| | | ❏   Memory Device Interface |
| | | ❏   Self Check and Cleaning |
| | | ❏   PC Connection via USB |
| | | ❏   USB I/F Timeout Setting |
| | | ❏   Network Settings |
| | | ❏   Powerful Cleaning |
| | | ❏   Discharging/Charging Ink |
| **Restore Default Settings** | | |
| all Wi-Fi/network settings | Yes | Touch **Yes** to restore all network settings to the default settings. |
| | No | |
| Clear All Data and Settings | Yes | Touch **Yes** to restore all settings with the exception of Date/Time Settings, Length Unit, and Language in the Settings menu to the default settings. |
| | No | |

| Settings item | Settings value | Explanation |
|---|---|---|
| Firmware Update | | |
| Update | | Using this function requires that the printer be connected to a network that can be connected to the Internet. Touch **Start Checking** to access the Epson website, and to start a search for new firmware. If there is a display indicating that there is new firmware, then follow the on-screen instructions to update the firmware.<br>Updating firmware takes approximately 5 minutes. However, this may take longer depending on the network environment.<br>During update, do not turn off the printer or unplug the power cable from the outlet. Failure to observe this precaution could lead to damage. |
| Notification | Off[*]<br><br>On | Set **On** to automatically check periodically for new firmware. If new firmware is found, a message will be displayed when the power is turned on. |

# Maintenance

| Settings item | Settings value | Explanation |
|---|---|---|
| Print Quality Adjustment | Start | Perform the same adjustment as in **Media Adjust** in the Paper Setting menu. When carrying out this action from this menu, select the paper source from the first screen.<br>△ "Optimizing Paper Settings (Media Adjust)" on page 42 |
| Print Head Nozzle Check | Start | Check for clogged nozzles by printing a check pattern.<br>△ "When you want to unclog the print head" on page 157 |
| Head Cleaning | Start | Perform if the printed check pattern has faint or missing areas.<br>△ "When you want to unclog the print head" on page 157 |
| Ink Cartridge(s) Replacement | Display procedure | Select when replacing an ink cartridge while confirming the procedure. If you are familiar with replacement and do not need to confirm the procedure, you can replace the ink cartridge without selecting this menu item.<br>△ "Replacing Ink Cartridges" on page 145 |
| Replace Maintenance Box | Display procedure | Select when replacing the Maintenance Box while confirming the procedure. If you are familiar with replacement and do not need to confirm the procedure, you can replace the Maintenance Box without selecting this menu item.<br>△ "Replacing Maintenance Box" on page 147 |
| Replace Cutter | Start | Select to replace the cutter if the paper is not cut cleanly. Follow the on-screen instructions to replace.<br>△ "Replacing the Cutter" on page 148 |

| Settings item | Settings value | Explanation |
|---|---|---|
| Powerful Cleaning | Start | Check the remaining amounts of ink cartridges and the amount of empty space in the Maintenance Box and provide new ink cartridges and Maintenance Box in advance if they are low.<br><br>If the nozzles are still clogged after performing this, turn off the printer and leave it overnight or longer. When left for some time, the clogged ink may dissolve.<br><br>If the nozzles are still clogged, contact your dealer or Epson Support. |
| Discharging/Charging Ink | Start | The print head may fail if the environmental temperature becomes -10℃ or lower. Perform this action if you expect to be transporting/storing the printer in an environment of -10℃ or less.<br><br>Touch **Start**, and follow the on-screen instructions to discharge the ink.<br><br>When operations are complete, the power turns off automatically.<br><br>U "Handling if Transporting/Leaving the Printer in an Environment of -10℃ or Less" on page 182 |

# Printer Status/Print

| Settings item | Settings value | Explanation |
|---|---|---|
| Print Status Sheet | | |
|   Configuration Status Sheet | | Print a list of current printer settings. Use this to view all information at a glance. |
| Network | | Display current network settings details. Displayed details are the same as displayed in **General Settings** - **Network Settings** - **Network Status**. |

# Enlarged Copy menu

Displayed when an Epson A3 or A4 scanner is connected to the printer. Set scaling in this menu to enable enlarged printing of the scanned documents.

*Default setting

| Settings item | Settings value | Explanation |
|---|---|---|
| Copies | 1 to 99 | Specify the number of copies. |
| Color Mode | Black/White | Choose whether to do enlarged copying in color or in black and white. |
| | Color* | |
| Original Size | A4 | Select the document size loaded on the scanner. The sizes available vary with the scanner. Sizes other than those shown here cannot be used. |
| | A5 | |
| | A3 | |
| | B5 | |
| | B4 | |
| | Letter | |
| | 13 x 18 cm (5 x 7 in) | |
| Reduce/Enlarge | | |
| Auto Fit Page | On* | Set **On** to enlarge the copy so that the short edge of the document fits the width of the roll paper currently loaded in the printer. |
| | Off | If the short edge of the document is wider than the roll paper, this will be printed at actual size. |
| | | If the printer is unable to detect the width of the roll paper, then an error will occur when copying is started. |
| Custom Size | Actual Size | Select the output size. To the left of each size, the percentage of enlargement of the selected document size is displayed. |
| | A0 | |
| | US E (34x44in) | A0, US E, and B1 are displayed only for SC-T5400 Series. |
| | JIS B1 | If the desired size is not in the list, set the desired size in **User-Defined**. |
| | A1 | |
| | US D (22x34in) | |
| | JIS B2 | |
| | US C (17x22in) | |
| | A2 | |
| | User-Defined | |
| Density | -4 to 4 (0*) | Choose copy density. |
| Quality | Speed | Choose Copy Quality in view of image quality and print speed. |
| | Fine | |

# Memory Device menu

Displayed when a USB flash memory is connected to the printer. JPEG files and TIFF files stored on the memory can be printed directly from the printer.

| Settings item | Settings value | Explanation |
|---|---|---|
| **Basic Settings** | | |
| Copies | 1 to 99 | Specify the number of copies. |
| Paper Source | Roll Paper* | Select the paper source. If the paper is not loaded as in the set paper source, then an error will occur during printing. |
| | Cut Sheet(1 sheet) | |
| Color Mode | Black/White | Select whether to print in color or black and white. |
| | Color* | |
| **Advanced** | | |
| Quality | Speed* | Select the print quality. Standard will print with the quality mode appropriate for the paper type setting of the paper selected in Paper Source. |
| | Fine | |
| | Super Fine | |
| Page Margins option | Clip By Margins* | Add margins (areas of Ⓑ in the following illustration) inside the output size (areas of Ⓐ in the following illustration) set in the Reduce/Enlarge settings. When there is a print object in the margin section, it is clipped and not printed.  |

**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| | Oversize | Add margins (areas of ⓑ in the following illustration) outside the output size (areas of Ⓐ in the following illustration) set in the Reduce/Enlarge settings. With the actual output size, the margin sections become larger than the set output size (areas of Ⓐ in the following illustration).  |
| | Borderless | This is enabled when **Roll Paper** is selected in **Paper Source**. <br><br>The print data is enlarged slightly in respect to the output size set in Reduce/Enlarge to print so that margins do not appear inside the output size. However, if a custom size is set, a margin may appear on the right side depending on the data. <br><br>When printing multiple pages with borderless printing on roll paper, you can select whether to insert a margin and cut twice between pages or cut once between pages in the following menu item. <br><br>**Settings** - **General Settings** - **Printer Settings** - **Paper Source Settings** - **Roll Paper Setup** - **Cut for Borderless Print** |
| Bidirectional | On* | Setting this to **On** will cause the print head to print while moving both left and right. Setting this to **Off** will reduce the ruled line misalignment, but printing will take more time. |
| | Off | |
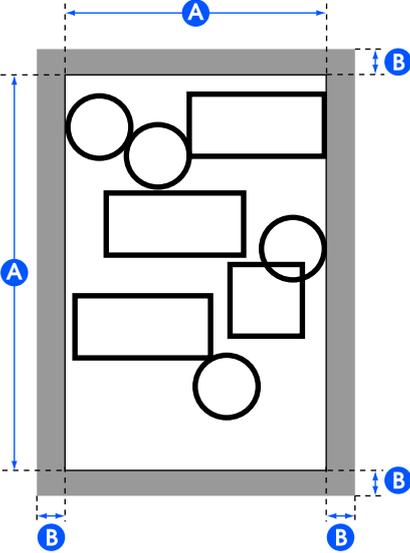
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**Using the Menu**

| Settings item | Settings value | Explanation |
|---|---|---|
| Color Mode | EPSON Standard (sRGB) | Optimize the sRGB space and correct the color. |
| | Business Graphics[*] | Perform color correction to sharpen your images based on the sRGB space. |
| | GIS | Perform color correction suitable for when printing GIS (Geographic Information System) topographical maps or similar. |
| | Line Drawing | Perform color correction suitable for the data of CAD drawings and other line drawings. |
| | Off (No Color Management) | Do not perform color correction. |
| Reduce/Enlarge | | |
| Auto Fit Page | On | Set **On** to print so that the short edge of the document fits the width of the paper loaded in the printer. |
| | Off | If the short edge of the document is wider than the paper, printing will be at actual size. |
| | | If paper is not loaded as set in Paper Source of Basic Settings, this cannot be set to **On**. Furthermore, if the Paper Source setting is changed without replacing or loading the paper after setting this to **On**, this setting is returned to Actual Size. |
| | | If the printer is unable to detect the width of the paper, an error will occur when the Print button is touched. |
| Custom Size | Actual Size[*], A4, A3, Super A3, A2, Super A2, A1, Super A1, A0, Super A0, Letter, Legal, US B (11x17in), US C (17x22in), US D (22x34in), US E (34x44in), ARCH A (9x12in), ARCH B (12x18in), ARCH C (18x24in), ARCH D (24x36in), ARCH E1 (30x42in), ARCH E (36x48in), ISO B4, ISO B3, ISO B2, ISO B1, ISO B0, JIS B5, JIS B4, JIS B3, JIS B2, JIS B1, JIS B1 (Landscape), JIS B0, JIS Super B0, 24 x 30 in, 30 x 40 in, 36 x 44 in, 30 x 40 cm, 40 x 60 cm, 50 x 70 cm, 60 x 90 cm, 70 x 100 cm, User-Defined | Select the output size. To the left of each size, the percentage of enlargement of the selected document size is displayed. If the desired size is not in the list, set the desired size in **User-Defined**. <br><br> The following setting values are displayed only for SC-T5400 Series. <br><br> A0, Super A0, US E, ARCH E1, ARCH E, ISO B1, ISO B0, JIS B1, JIS B1 (Landscape), JIS B0, JIS Super B0, 30 x 40 in, 36 x 44 in, 70 x 100 cm |

# Replacing Consumables

## Handling of Used Consumables

If using the printer in an office or other business, dispose of used consumables in accordance with laws and regulations, such as by contracting an industrial waste disposal company.

If using the printer in a domestic situation, place these in a plastic bag, then dispose of in accordance with laws and regulations as well as regional ordinances, and as directed by local government.

## Replacing Ink Cartridges

If any of the ink colors remaining amount falls below the minimum amount, printing will not be possible.

If an ink cartridge remaining amount falls below the minimum amount, you can continue printing after replacing the ink cartridge.

If the remaining ink amount drops yet printing is continued, then replacement of an ink cartridge during printing may be required. When replacing ink during a print job, you may see a difference in color depending on the drying conditions. When this is not permissible, we recommend first replacing the ink cartridge with a new one before printing. The removed ink cartridge can be installed again and used until the remaining amount falls below the minimum amount. However, if an ink cartridge with not much ink remaining is removed and reinstalled, it may not be usable because some ink is consumed to ensure the reliability of the printer.

Supported ink cartridges ∠⅂ "Options and Consumable Products" on page 170

> **⚠ Important:**
>
> *Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.*

> **Note:**
> *You can replace the ink cartridges while viewing the procedure on the screen. To view the procedure on the screen, touch **Settings** - **Maintenance** - **Ink Cartridge(s) Replacement** from the Home screen.*

1 Make sure the printer is on.

2 Open the cartridge cover.
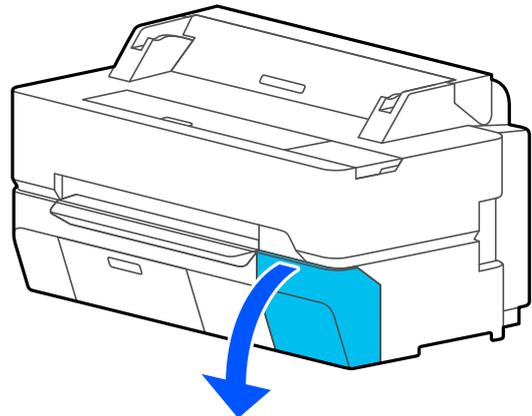


3 Remove the new ink cartridge from the bag. Shake the ink cartridge for 10 seconds 30 times horizontally in approximately 5 cm movements as shown in the illustration.
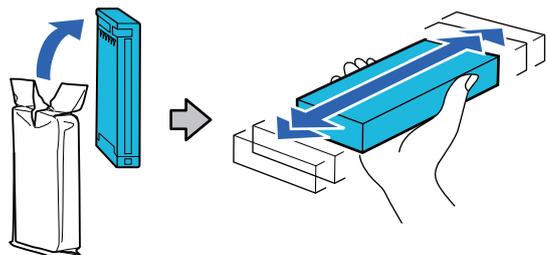
**Replacing Consumables**

> **❗ Important:**
>
> *Do not touch the IC chip on the ink cartridge. You may not be able to print properly.*

**4** Hook a finger into the indentation on the top of the ink cartridge to be replaced and pull it straight toward you.
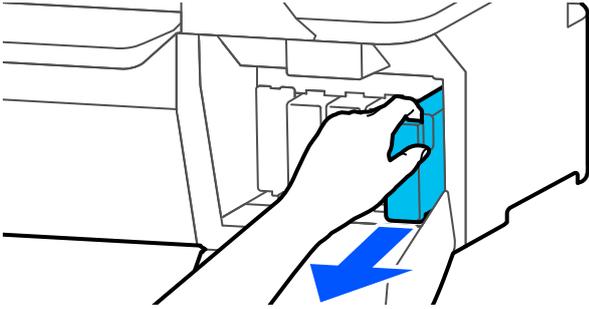


> **❗ Important:**
>
> *Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.*

**5** Holding the new ink cartridge with the label facing toward you, slide it all the way into the slot.

Match the color of the ink cartridge to the color of the label on the printer.
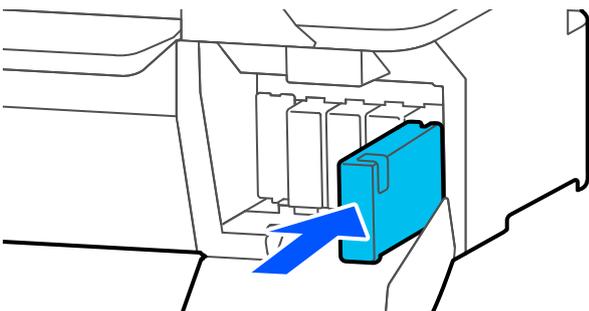


Repeat Steps 3 to 5 to replace the other ink cartridges.

> **❗ Important:**
>
> *Install ink cartridges into all slots. You cannot print if any of the slots are empty.*

**6** Close the cartridge cover.
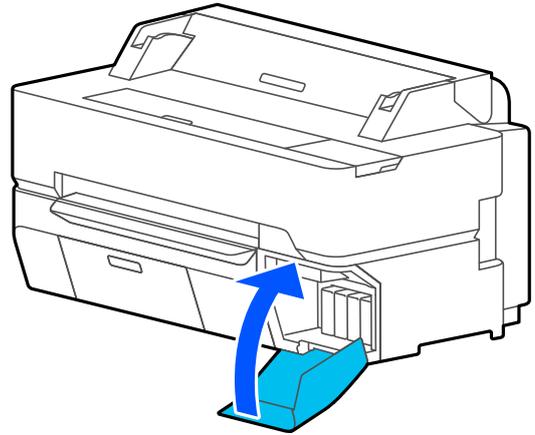


> **❗ Important:**
>
> *We recommend that you remove and shake the installed ink cartridges once every three months to ensure good print quality.*

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# Replacing Maintenance Box

If **The Maintenance Box is at the end of its service life.** is displayed, replace the Maintenance Box.

If **The Maintenance Box is nearing the end of its service life.** is displayed, ready a new Maintenance Box. Printing is possible until replacement is instructed.

Supported maintenance box ⌲ "Options and Consumable Products" on page 170

> ❗ **Important:**
>
> Do not replace the Maintenance Box while printing. Waste ink may leak.

> **Note:**
> You can replace the Maintenance Box while viewing the procedure on the screen. To see the guide, from the Home screen, touch **Settings** - **Maintenance** - **Replace Maintenance Box**.

When you open the Maintenance Box cover for SC-T5400 Series, you will find a Maintenance Box on both the left and right sides. The replacement procedure is the same for both of them.
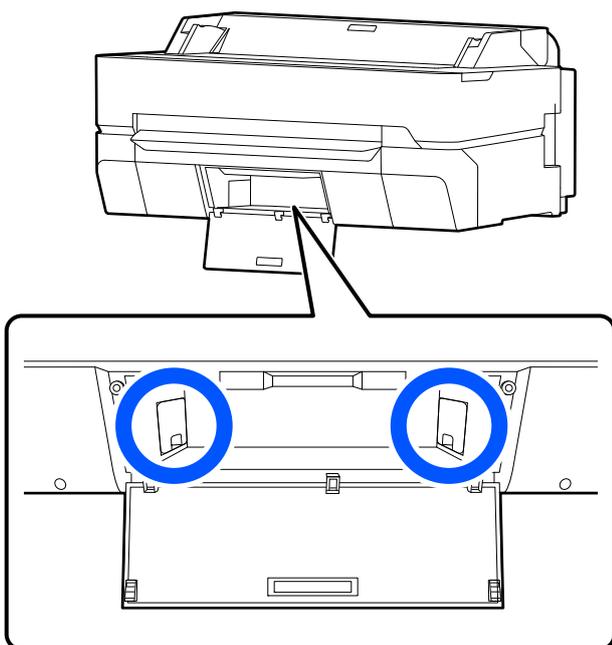
A  Open the Maintenance Box cover.
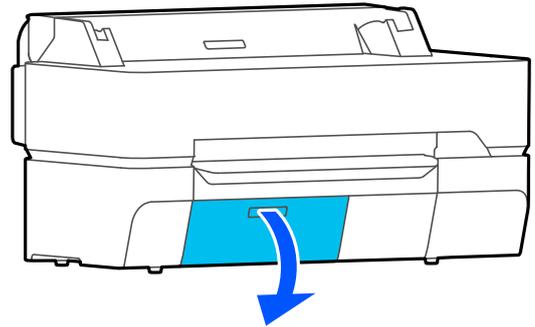
B  Pull out the Maintenance Box.
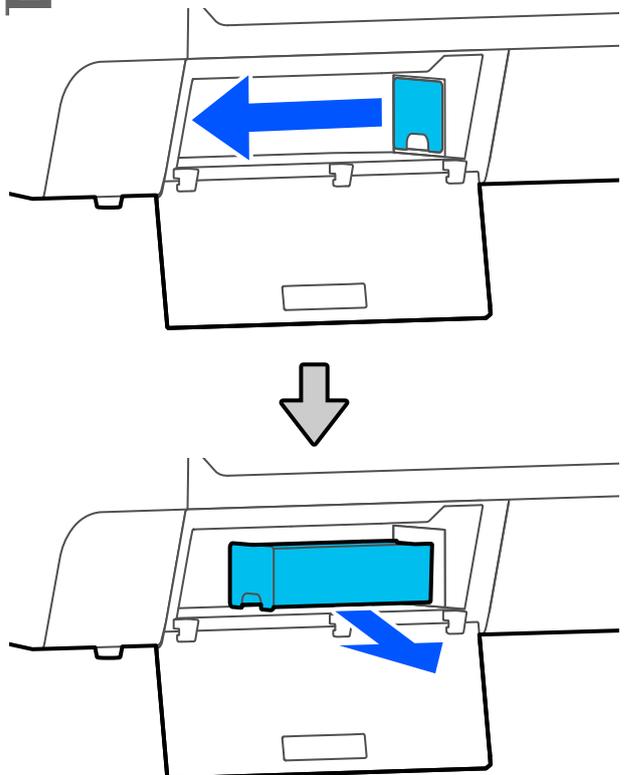
C  Place the used Maintenance Box in the clear bag included with the new Maintenance Box, and make sure that the zipper is closed tight.
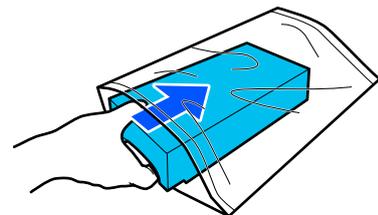
> ❗ **Important:**
>
> Until the fastener is closed securely, do not tilt the Maintenance Box. Waste ink may leak.

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**4** Insert a new Maintenance Box.
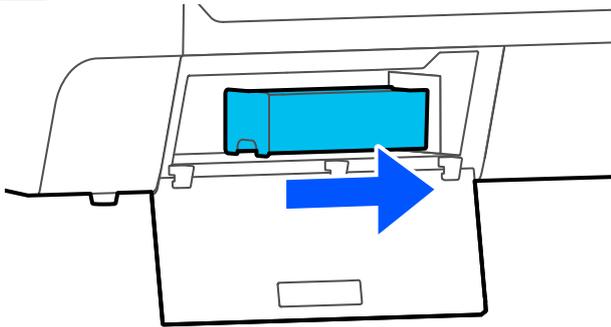


> ❗ *Important:*
>
> *Do not touch the IC chip on the Maintenance Box. Doing so may prevent normal operation and printing.*

**5** Close the Maintenance Box cover.
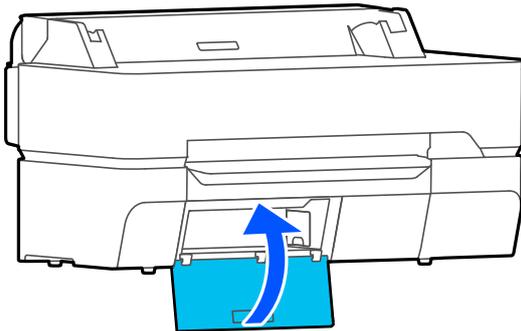


# Replacing the Cutter

Replace the cutter when it is not cutting paper cleanly.

Supported cutter ⏎ "Options and Consumable Products" on page 170

Use a cross-head screwdriver to replace the cutter. Make sure you have a cross-head screwdriver with you before you start work.

> ⚠️ *Caution:*
>
> *Store the cutter out of reach of children. The cutter's blade could cause an injury. Pay careful attention when replacing the cutter.*

> ❗ *Important:*
>
> ❏ *Dropping the cutter, or knocking it against hard objects may chip the blade.*
>
> ❏ *The protective sheet inserted in the new cutter is to protect the blade. Do not remove it until you are instructed to do so.*
>
> 
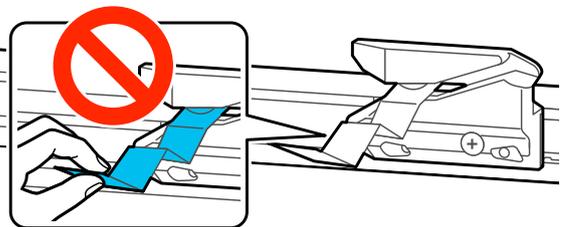
**1** Remove any paper from the printer.

⏎ "Removing Roll Paper" on page 34

⏎ "Removing Cut Sheet (1 Sheet)" on page 37

**2** From the Home screen, touch **Settings** - **Maintenance** - **Replace Cutter**.

The Replace Cutter screen appears.

**3** Touch **Start**.

The cutter moves to the replacement position.

4 Loosen the screw holding the cutter in place using a cross-head screwdriver and pull the cutter straight out.
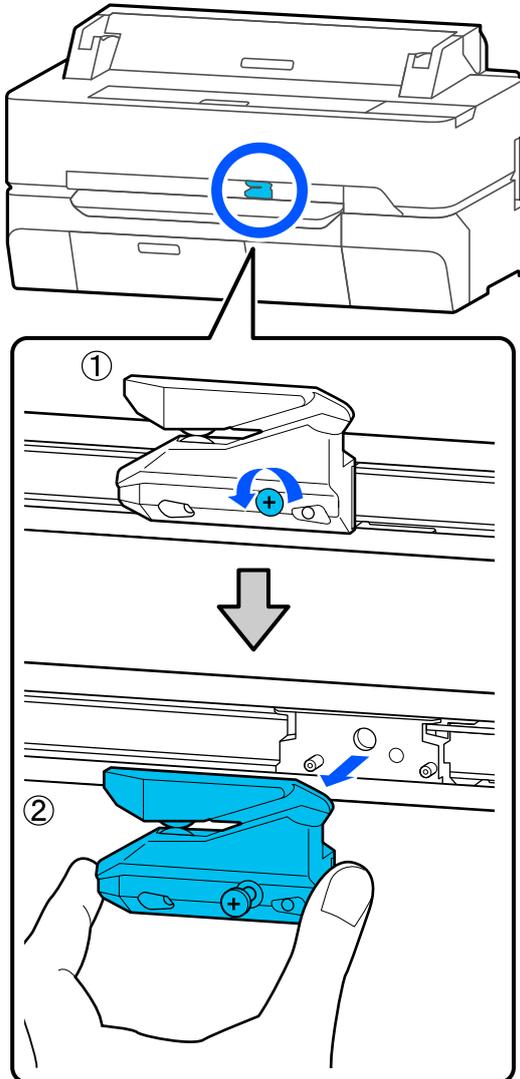


*Note:*
*Place the used cutter in a plastic bag, then dispose of in accordance with regional ordinances, and as directed by local government.*

5 Install the new cutter.

Insert the cutter so that the pin on the printer matches up with the hole on the cutter. Use a cross-head screwdriver to tighten down the screw to hold the cutter in place.
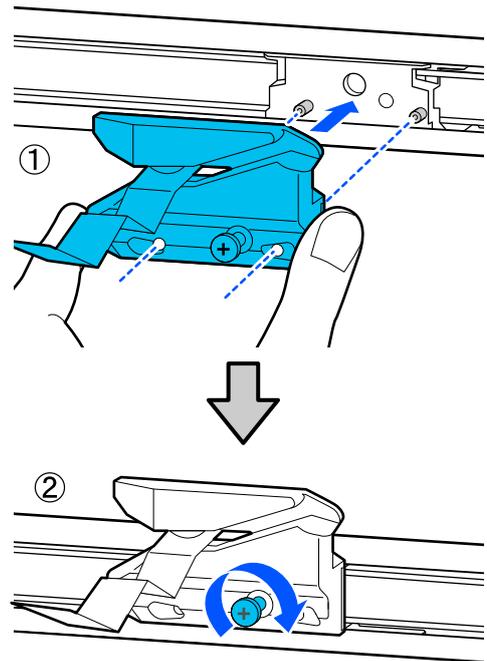


> **Important:**
> *Screw the cutter firmly, otherwise the cut position may be slightly shifted or skewed.*

6 Touch **OK**.

The cutter returns to its original position, and the protective sheet inserted in the cutter comes out. Remove the protective sheet.

# Problem Solver

## What to do When a Message is Displayed

If the printer displays one of the messages shown below, refer to the solution listed and take the necessary steps.

| Messages | What to do |
|---|---|
| Cannot recognize ink cartridges. Try installing again. | ❏ Remove and reinsert the ink cartridge. If the message persists, insert a new ink cartridge (do not reinstall the cartridge that caused the error).<br><br>⌯ "Replacing Ink Cartridges" on page 145<br><br>❏ Condensation may occur in the ink cartridge. Leave it at room temperature for at least three hours before installing the ink cartridge again.<br><br>⌯ "Notes on handling ink cartridges" on page 19 |
| Ink is low. | The ink is low. Ready a new ink cartridge. Printing is possible until replacement is instructed.<br><br>⌯ "Options and Consumable Products" on page 170 |
| The maintenance box is not recognized. Install it correctly. | Reinstall the Maintenance Box. If the message persists after reinstalling it, replace with a new Maintenance Box (do not reinstall the Maintenance Box that caused the error).<br><br>⌯ "Replacing Maintenance Box" on page 147 |
| There is not enough space in maintenance box to perform head cleaning. You can continue printing until replacement is required. | The Maintenance Box does not have enough capacity to store ink discharged in print head cleaning, therefore do not perform cleaning. To perform cleaning, replace the Maintenance Box with a new one. The used Maintenance Box may be reinstalled after cleaning is completed.<br><br>⌯ "Replacing Maintenance Box" on page 147 |
| Command Error<br><br>Check the printer driver setting. | Touch **Cancel** to stop printing. Confirm that the printer driver you are using supports this printer. |
| Scanner Error<br><br>Refer to manual for details. | ❏ Release the scanner transportation lock and turn the printer and scanner off and then on again.<br><br>❏ Turn the devices on and off several times. The scanner can be used after the message is no longer displayed.<br><br>If this message appears on the LCD panel again, contact your dealer or Epson Support. |
| Recovery Mode | Firmware update has failed, so the printer has started in recovery mode. Use the procedure below to update the firmware again.<br><br>(1) Connect a computer and the printer using a USB cable.<br>(Updates during recovery mode cannot use a network connection.)<br><br>(2) Download the latest firmware from the Epson website, and start update. Refer to the firmware download page for update methods. |

# When a Maintenance Call/Printer Error Occurs

| Error messages | What to do |
|---|---|
| Maintenance Request<br><br>Replace Parts Soon/End Of Parts Service Life XXXXXXXX | A part used in the printer is nearing the end of its service life.<br><br>Contact your dealer or Epson Support and tell them the maintenance request code.<br><br>You cannot clear a maintenance error until the part is replaced. A service call occurs if you continue to use the printer. |
| Printer Error<br><br>Printer error. Turn the power off and on again. For details, see your documentation.<br><br>XXXXXX | Turn off the printer, disconnect the power cable from the outlet and from the AC inlet on the printer, and then reconnect. Turn on the printer again multiple times.<br><br>If the same error is displayed on the LCD panel, contact your dealer or Epson Support for assistance. Tell them the error code is "XXXXXX". |

# Troubleshooting

## You cannot print (because the printer does not work)

### The printer does not turn on.

| ■ | **Is the power cable plugged into the electrical outlet or the printer?** |
|---|---|
| | Make sure the power cable is securely plugged into the printer. |

| ■ | **Is there a problem with the power outlet?** |
|---|---|
| | Make sure your outlet works by connecting the power cable for another electric product. |

### The printer turns off automatically.

| ■ | **Is the automatic power off configured?** |
|---|---|
| | To prevent the printer turning off automatically, select **Off**. |
| | U "General Settings - Basic Settings" on page 121 |

### The printer driver is not installed properly (Windows).

| ■ | **Is the icon for this printer displayed in the Devices and Printers/Printers/Printers and Faxes folder?** |
|---|---|
| | ❏ Yes<br>The printer driver is installed. See the "The printer is not communicating with the computer" section. |
| | ❏ No<br>The printer driver is not installed. Install the printer driver. |

| ■ | **Does the printer port setting match the printer connection port?** |
|---|---|
| | Check the printer port. |
| | Click the **Port** tab in the printer Properties dialog and check the option selected for **Print to the following port(s)**. |
| | ❏ USB: **USB**xxx (x stands for the port number) for the USB connection |
| | ❏ Network: The correct IP address for the network connection |
| | If it is not indicated, the printer driver is not installed correctly. Delete and reinstall the printer driver. |
| | U "Uninstalling Software" on page 27 |

### The printer driver is not installed properly (Mac).

| ■ | **Is the printer added to the printer list?** |
|---|---|
| | Select **System Preferences** > **Printers & Scanners** (or **Print & Fax**) from the Apple menu. |
| | If the printer name is not displayed, add the printer. |
| | U "How to Select the Dedicated Printer Driver for This Printer" on page 53 |

### The printer is not communicating with the computer.

| ■ | **Is the cable plugged in properly?** |
|---|---|
| | Confirm that the interface cable is securely connected to both the printer port and the computer. Also, make sure the cable is not broken nor bent. If you have a spare cable, try connecting with the spare cable. |

| ■ | **Does the interface cable specification match the specifications for the computer?** |
|---|---|
| | Make sure the interface cable specifications match the specifications for the printer and the computer. |
| | U "System Requirements" on page 183 |

**Problem Solver**

■ **When using a USB hub, is it being used correctly?**

In the USB specification, daisy-chains of up to five USB hubs are possible. However, we recommend that you connect the printer to the first hub connected directly to the computer. Depending on the hub you are using, the operation of the printer may become unstable. If this should occur, plug the USB cable directly into your computer's USB port.

■ **Is the USB hub recognized correctly?**

Make sure the USB hub is recognized correctly on the computer. If the computer correctly detects the USB hub, disconnect all USB hubs from the computer and connect the printer directly to the computer USB port. Ask the USB hub manufacturer about USB hub operation.

## You cannot print under the network environment.

■ **Are the network settings correct?**

Ask your network administrator for the network settings.

■ **Connect the printer directly to the computer using a USB cable, and then try to print.**

If you are able to print via USB, there is a problem with network settings. Ask your system administrator, or refer to the manual for your network system.

## Printing from iPhone or iPad is not possible.

■ **Check printer settings.**

❏ Connect the iPhone or iPad to the same network (SSID) as the printer.

❏ In Web Config, enable AirPrint settings.
U "How to Use Web Config" on page 24

## The printer has an error.

■ **View the message displayed in the control panel.**

U "What to do When a Message is Displayed" on page 150

## The printer stops printing.

■ **Is the status of print queue Pause? (Windows)**

If you stop printing or the printer stops printing because of an error, the print queue enters a **Pause** status. You cannot print in this status.

Double-click the printer icon in the **Devices and Printers**, **Printers**, or **Printers and Faxes** folder; if printing is paused, open the **Printer** menu and clear the **Pause** check box.

■ **Does the current printer status show Paused? (Mac)**

Open the status dialog for your printer and check whether printing is paused.

(1) Select **System Preferences** > **Printers & Scanners** (or **Print & Fax**) > **Open Print Queue** from the **Apple** menu.

(2) Double-click the icon for any printer that is **Paused**.

(3) Click **Resume Printer**.

# Your problem is not listed here.

■ **Decide whether the trouble is caused by the printer driver or the application. (Windows)**

Perform a test print from the printer driver so that you can check that the connection between the printer and computer is correct and the printer driver settings are correct.

(1) Make sure that the printer is turned on and in ready status, and load A4 or larger paper.

(2) Open the **Devices and Printers**, **Printers**, or **Printers and Faxes** folder.

(3) Right-click the printer icon, and select **Properties**.

(4) In the Properties dialog, select the **General** tab and click **Print Test Page**.

After a while the printer starts to print a test page.

❏ If the test page is printed correctly, the connection between the printer and computer is correct. Go to the next section.

❏ If the test page is not printed correctly, check the items above again.

The "Driver Version" shown on the test page is the version number of the Windows internal driver. This differs from the Epson printer driver version that you installed.

# The print head moves, but nothing prints.

■ **Confirm the printer operation.**

Print a nozzle check pattern.

If the printer has not been used for a long time, the nozzles of the print head may have dried up and become clogged.

■ **Is the message Motor self adjustment running. displayed on the control panel's screen?**

The printer adjusts the internal motor. Wait for a while without turning off the printer.

# The prints are not what you expected

## Main troubleshooting procedures

If the following problems with print quality occur, then respond by following the process flow on this page.

**Horizontal or vertical banding**

**Duplicated ruled lines or warped lettering**

**Wrinkling, smearing, or uneven coloring**





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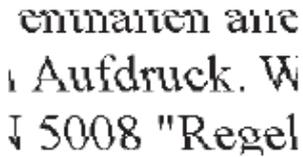
**■ Check the paper**

❏  Check that the paper is compatible with the printer, and that there are no wrinkles, folds, or bending.
   U "Epson Special Media" on page 170,"Supported Commercially Available Paper" on page 176
   U "Notes on Loading the Paper" on page 28

❏  Check that the paper type setting matches the loaded paper, and if not, change it.
   U "Setting Loaded Paper" on page 38

⬇  **If print results do not improve**

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**■ Perform Easy Adjustment**

Paper settings are optimized for the paper loaded.

U "Optimizing Paper Settings (Media Adjust)" on page 42

⬇  **If "Auto Adjustment is unable to start because there is a problem with the paper or printing status..." is displayed**
**If not satisfied with the results of adjustment**

---

**■Check the print results and take one of the following measures**

❏  If streaks (horizontal banding or uneven colors) appear in print results
   Check the print head nozzles for clogging
   U "When you want to unclog the print head" on page 157
   ⬇  The nozzles are not clogging / Clogging is resolved but streaks still appear in the print results
   Perform Paper Feed Adjust (Manual)
   U "Paper Feed Adjust (Manual) Procedure" on page 156

❏  If ruled lines are duplicated, lettering is warped, or print results are grainy
   Perform Print Head Alignment (Manual)
   U "Print Head Alignment (Manual) Procedure" on page 157

**Problem Solver**

### Paper Feed Adjust (Manual) Procedure

The adjustment patterns are printed twice. Visually check the adjustment patterns to make the adjustments.

The following shows the length and number of sheets of paper used for adjustment pattern printing.

❑ Roll paper: Approx. 156 mm

❑ Cut sheet: 2 sheets of A4 or larger

**1** Touch the following in order from the Home screen.

❑ Roll paper
Roll paper information area - **Media Adjust**

❑ Cut sheet
**Paper Setting** - **Cut Sheet(1 sheet)** - **Media Adjust**

**2** Touch **Paper Feed Adjust** - **Manual** - **Start**.

Printing of the first set of adjustment patterns starts.

> ❗ *Important:*
>
> *When using roll paper with the auto cut turned off, the paper cannot be removed to print the second set of patterns even though printing of the first set of patterns has finished. Do not pull the printed paper.*

**3** Enter the numeric value of the pattern with the least streaks among the printed adjustment patterns of #1 and then touch **Adjustment #2**.

In the following example, pattern 0 has the least streaks so you would enter 0.
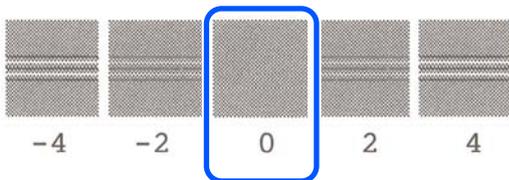


If there is no difference between two adjacent patterns and you are unsure which is the best one to choose, enter the numeric value that comes between them. For example, if you are unsure whether to enter pattern 0 or 2, enter 1.

**4** Select the adjustment pattern of #2 in the same way as for #1.

**5** Touch **OK**.

Printing of the second set of adjustment patterns starts. For cut sheet smaller than A2 size, load the second sheet of paper.

> ❗ *Important:*
>
> *When using roll paper with the auto cut turned off, the part with the first set of patterns printed on it is pulled inside the printer in order to print the second set of patterns. Do not touch the paper with your hands.*

**6** Enter the numeric value of the pattern with the least streaks among the printed adjustment patterns of #1 and then touch **Adjustment #2**.

In the following example, pattern 0 has the least streaks so you would enter 0.
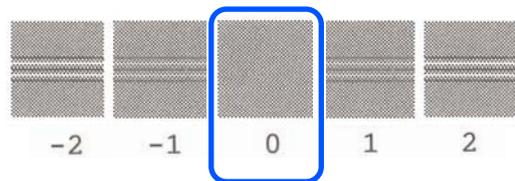


If you are unsure which of two adjacent patterns is the best one to choose, select the one that you think has the least streaks. You cannot enter the numeric value that becomes between them.

**7** Select the adjustment pattern of #2 in the same way as for #1.

**8** Touch **OK**.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

**Problem Solver**

### *Print Head Alignment (Manual) Procedure*

Visually check the adjustment patterns to make adjustments.

The following shows the length and number of sheets of paper used for adjustment pattern printing.

❏ Roll paper: Approx. 285 mm

❏ Cut sheet: 1 sheet of A4 or larger

**1** Touch the following in order from the Home screen.

- ❏ Roll paper
  Roll paper information area - **Media Adjust**

- ❏ Cut sheet
  **Paper Setting** - **Cut Sheet(1 sheet)** - **Media Adjust**

**2** Touch **Print Head Alignment** - **Manual** - **Start**.

The adjustment patterns are printed.

**3** Enter the numeric value of the pattern with the most visible straight line among the printed adjustment patterns of #1 and then touch **Adjustment #2**.

In the following example, pattern 0 has the least streaks so you would enter 0.
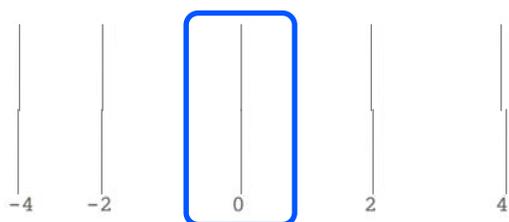


If there is no difference between two adjacent patterns and you are unsure which is the best one to choose, enter the numeric value that comes between them. For example, if you are unsure whether to enter pattern 0 or 2, enter 1.

**4** Select the adjustment patterns of #2 and #3 in the same way as for #1.

**5** Enter the numeric value of the pattern with the least streaks among the adjustment patterns of #4 and then touch **OK**.

In the following example, pattern 0 has the least streaks so you would enter 0.
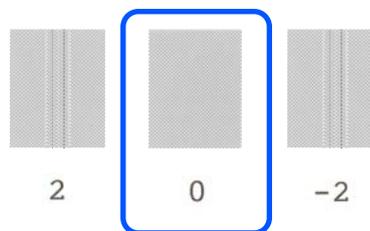


If there is no difference between two adjacent patterns and you are unsure which is the best one to choose, enter the numeric value that comes between them. For example, if you are unsure whether to enter pattern 0 or 2, enter 1.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

## When you want to unclog the print head

We recommend checking for clogging by performing a print head nozzle check if the printer has not been used for an extended period or before important print jobs.

If the nozzle check results indicate clogging, carry out print head cleaning.

Ink is consumed during print head cleaning.

Check the remaining amounts of ink cartridges and the amount of empty space in the Maintenance Box and provide new ink cartridges and Maintenance Box in advance if they are low.

**1** From the Home screen, touch **Settings** - **Maintenance** - **Print Head Nozzle Check**.

**2** Touch **Start** to start printing a check pattern.

When changing the paper source displayed on the start screen, touch **Paper Source**.

**3** Check the printed check pattern for clogging.

**Example of clean nozzles**

If none of the pattern is missing, then the print head nozzles are not clogged. Touch ◯ to end the nozzle clogging check.

**Example of clogged nozzles**

If the pattern has missing areas, touch ⊗ to display the **Head Cleaning** screen. Proceed to the next step.

**4** Touch **Start** to start cleaning.

When cleaning is complete, **Print the pattern?** will be displayed. Touch **Yes** to return to Step 2. Repeat Steps 2 to 4, and check if the problem has been resolved.

If the nozzles are still clogged after performing print head cleaning three times in a row, then perform Powerful Cleaning.

Select **Maintenance** - **Powerful Cleaning** to perform Powerful Cleaning.

## Ink drips



■ **Dirt has accumulated around the nozzles of the print head.**

Perform print head cleaning.

U "When you want to unclog the print head" on page 157

## Fine lines in drawings are not printed

■ **Is a suitable resolution set?**

Try the following measures.

❏ In your application software, set the resolution to 600 dpi.

❏ Confirm that the data paper size is correctly set in the printer driver document size, and remedy if different.

❏ If PDF, print directly from the source data for that PDF.

❏ In the printer driver, select **Emphasize Thin Lines**.
**Emphasize Thin Lines** is displayed by clearing the Simple Settings check box in the Print Quality section on the Printer Settings screen.

## Differences in color/light/dark

If there are differences in color/light/dark, then handle these by following the process below.

U "The prints are not what you expected" on page 155

If these measures do not resolve the issue, check the following items.

■ **Is the Color Density setting appropriate?**

If you feel that lines in drawings are too light, then on the printer driver Advanced screen, click **Paper Configuration**, and increase the ink density.

Conversely, if the ink density is too high on tracing paper, either reduce the ink density or select **Tracing Paper <LowDuty>** in the Paper Type settings of the printer, and then print.

■ **Are you using a genuine Epson ink cartridge?**

This printer is developed for use with Epson ink cartridges. If you use non-Epson ink cartridges, printouts may be faint, or the color of the printed image may be changed because the remaining ink level is not correctly detected. Be sure to use the correct ink cartridge.

■ **Are you using an old ink cartridge?**

The print quality drops when an old ink cartridge is used. Replace the old ink cartridge with a new one. We recommend using all the ink in the cartridge before the expiry date printed on the package (within 6 months of installation in the printer).

■ **Have you tried changing the print quality settings?**

In the printer driver **Printer Settings**-**Print Quality**, select **Print with High Quality** and try printing. If this is not selected, this places priority on speed, however this can adversely impact print quality to some extent.

■ **Is color management enabled?**

Enable color management.

U "Color Management Printing" on page 74

■ **Have you compared the printing result with the image on the display monitor?**

Since the monitor and the printer produce colors differently, printed colors will not always match on-screen colors perfectly.

■ **Did you open the front cover while printing?**

If the front cover is opened while printing, the print head stops suddenly, causing unevenness in color. Do not open the front cover while printing.

# The color is not exactly the same as another printer.

■ **Colors vary depending on the printer type due to each printer's characteristics.**

Because inks, printer drivers, and printer profiles are developed for each printer model, the colors printed by different printer models are not exactly the same.

You can achieve similar colors with the same color adjustment method or the same gamma setting by using the printer driver.

U "Correct color and print" on page 70

# The print is not positioned properly on the media.

■ **Have you specified the print area?**

Check the print area in the settings of the application and the printer.

■ **Is the Document Size setting correct?**

If the option selected for **Document Size** in the print driver or **Paper Size** driver does not match the paper loaded in the printer, the print may not be in the correct position or some of the data may not be printed. In this case, check the print settings.

■ **Is the paper skewed?**

If **Off** is selected for **Detect Paper Meandering** in the Printer Settings menu, printing will continue even if the paper is skewed, resulting in printing outside of the print area. In the Printer Settings menu, set **Detect Paper Meandering** to **On**.

U "General Settings - Printer Settings" on page 123

■ **Is the roll paper margin set wide?**

If margins narrower than the margins set in the roll paper **Advanced Media Setting** - **Top/Bottom Margins** menu are set in the application software, then priority is given to the printer settings.

U "Roll Paper menu" on page 113

# Lengths differ between the print results and print data

If you want to print to roll paper with lengths exactly as specified in the print data, such as when printing CAD drawings, make the following adjustments. You will need a ruler so get one ready before performing this work.

The length of the paper used for adjustment pattern printing is approximately 555 mm.

**1** Touch the Roll paper information area - **Media Adjust** from the Home screen.

**2** Touch **Paper Feed Adjust** - **Print length adjustment** - **Start**.

The adjustment patterns are printed.

**3** Measure the distance between the "+" symbols on the printed patterns with a ruler.
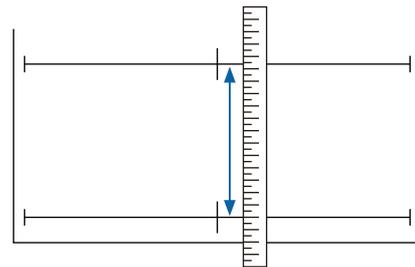


**4** Enter the measured length in the screen.

**5** Touch **OK**.

When **Print head alignment complete...** appears, the procedure is finished.

The adjustment results are saved as settings of the currently selected paper type.

# Vertical ruled lines are misaligned.

■ **Has Print Head Alignment been carried out?**

Confirm that paper type settings that match the paper are selected, and perform **Print Head Alignment**.

U "Setting Loaded Paper" on page 38

U "Optimizing Paper Settings (Media Adjust)" on page 42

■ **After Print Head Alignment, does the same problem occur?**

In the printer driver Printer Settings screen, clear the **Simple Settings** check box in the Print Quality field. Select **Level** - **Max Quality**, clear the **High Speed** check box, and try printing.

However, printing may take some time.

Bidirectional printing moves the print head left and right while printing, so if the print head is misaligned (with gaps), ruled lines may be printed as misaligned.

## The printed surface is scuffed or soiled.

■ **Is the paper too thick or too thin?**

Check that the paper specifications are compatible with this printer.

U "Epson Special Media Table" on page 172

U "Supported Commercially Available Paper" on page 176

■ **Is the paper wrinkled or creased?**

Do not use old paper or paper with creases in it. Always use new paper.

■ **Is the paper wavy or curled?**

Changes in temperature and humidity may cause paper to become wavy or curled which can cause scratching.

Check the following points.

❏ Load the paper just before printing.

❏ Do not use wavy or curled paper.
For roll paper, cut off the wavy or curled parts and then load it again.
For cut sheets, use new paper.
U "Notes on Loading the Paper" on page 28

■ **Is the print head scuffing the printed surface?**

Enable the Thick Paper function, and try printing. From the Home screen, touch **Settings** - **Printer Settings** - **Thick Paper** - **On**.

U "General Settings - Printer Settings" on page 123

When using commercially available roll paper registered as custom paper, touch the Roll paper information area - **Advanced Media Setting** - **Platen Gap** and try changing the setting to a value that will widen the platen gap (a higher value).

■ **Is the print head scuffing the edge of the paper?**

If smearing or soiling occurs on the edge of the roll paper, touch the Roll paper information area - **Advanced Media Setting** - **Top/Bottom Margins** from the Home screen, change the edge setting to 35 mm, and try printing.

■ **Is the print head scuffing the trailing edge of the paper?**

Depending on the paper usage, storage conditions, and the content of the print data, the bottom edge may be scuffed when printing. In this situation it is best to create your data with a wider bottom margin.

## Soiling occurs at a specific position on the print surface

Follow the steps below to clean the roller by feeding plain paper.

**A** Turn on the printer, and load it with widest available roll paper.

U "Loading Roll Paper" on page 29

**B** Touch **Paper Setting** - **Roll Paper** - **Feed/Cut Paper** from the Home screen.

**C** Touch and hold the ⏷ (Forward) button until the paper is no longer marked.

Paper is fed while the ⏷ (Forward) button is touched. If the paper is not soiled, cleaning is complete.

**D** Touch the ✂ (Cut) button to cut the paper.

# The paper is creased.

■ **Are you using the printer at normal room temperature?**

Epson special media should be used at normal room temperature (temperature: 15 to 25℃, humidity: 40 to 60%). For information about paper such as thin paper from other manufacturers that requires special handling, see the documentation supplied with the paper.

■ **Is there a gap between both edges of the roll paper and the flanges?**

Confirm that the spindle flanges are right up against both edges of the roll paper, with no gaps. If there are any gaps, then the paper is fed at an angle, and this may result in wrinkling.

U "Loading Roll Paper" on page 29

■ **Has Media Adjust been carried out?**

Confirm that paper type settings that match the paper being used, and perform Media Adjust.

U "Setting Loaded Paper" on page 38

U "Optimizing Paper Settings (Media Adjust)" on page 42

■ **Is the roll paper tension weak?**

If wrinkles occur on the roll paper, increase the paper tension settings. In the Roll paper information area - **Advanced Media Setting** - **Back Tension**, select **High** or **Extra High**.

# The reverse side of the printed paper is soiled.

Carry out cleaning with the following procedure.

① **Clean the platen and outer edges of the pads for borderless printing.**

U "Cleaning the platen and outer edges of the pads for borderless printing" on page 162

⬇ Soiling occurs on the back of the paper again right after cleaning

② **Replace the pads for borderless printing.**

U "Replacing the pads for borderless printing" on page 163

> **!** *Important:*
>
> *Continuing use with paper particles and dust adhered to the platen and the pads for borderless printing may cause a print head failure or nozzle clogging.*

## Cleaning the platen and outer edges of the pads for borderless printing

**1** Turn the printer off and make sure that nothing is displayed on the screen, and then unplug the power cable from the outlet.

**2** Leave the printer for a minute after removing the power plug.

**3** Open the front cover.
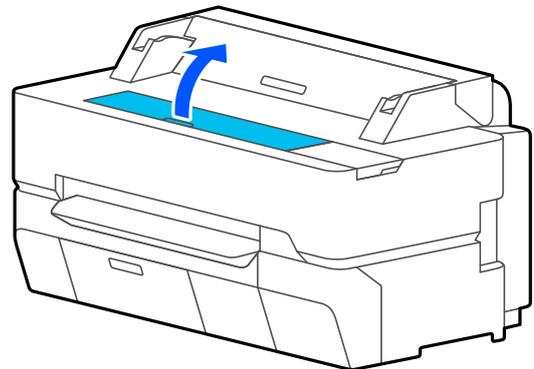


> **!** *Important:*
>
> ❏ *Never touch the rollers inside the printer during cleaning. Doing so may cause soiled prints and other problems.*
>
> ❏ *Do not touch the ink tubes inside the printer because doing so may cause a failure.*
>
> ❏ *Do not rub the pads for borderless printing. Doing so may cause the pads to become detached.*

**Problem Solver**

4 Use a soft cloth to remove any dust or dirt from the platen.

Thoroughly wipe the area shown in blue in the illustration below. To avoid spreading the dirt, wipe from the inside to the outside.

For stubborn dirt, clean it using a soft cloth that has been dampened with a small amount of neutral detergent and then thoroughly wrung out. Then, dry off the inside of the printer with a dry, soft cloth.
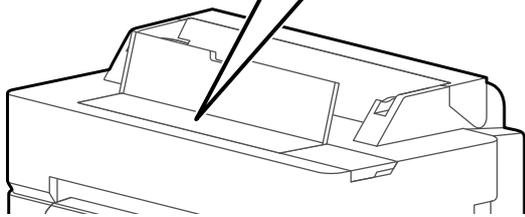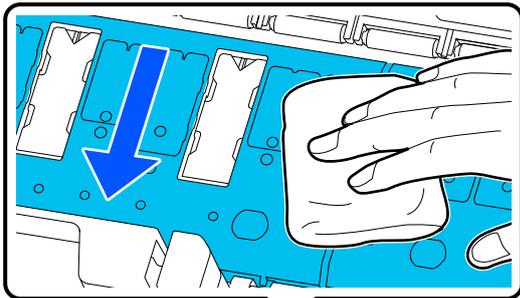


5 If any paper particles (resemble white powder) have accumulated in the holes shown in the illustration below, use a pointed object such as a toothpick to push them in.
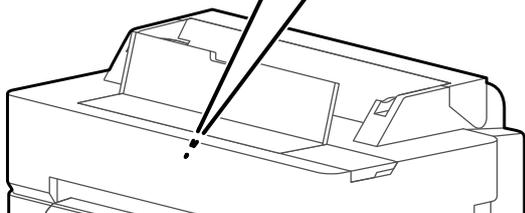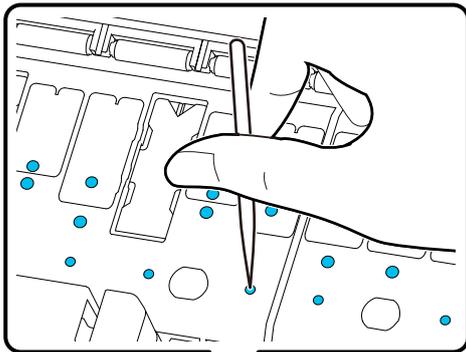


6 Remove paper particles and dust around the outer edges with commercially available cotton swabs.
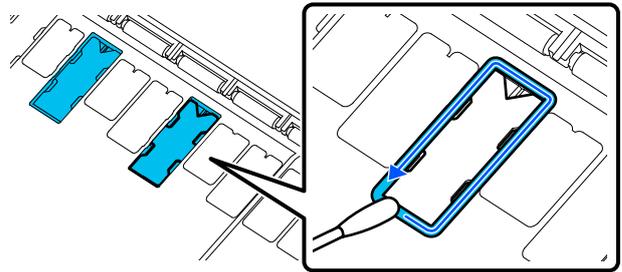


### Replacing the pads for borderless printing

Obtain the Borderless Replacement Pad Kit for this printer and then replace the pads for borderless printing.

U "Options and Consumable Products" on page 170

When replacing the pads for borderless printing, replace only the ones at the places where soiling occurs on the paper back side. There is no need to replace all of the pads for borderless printing.

1 Turn the printer off and make sure that nothing is displayed on the screen, and then unplug the power cable from the outlet.

2 Leave the printer for a minute after removing the power plug.
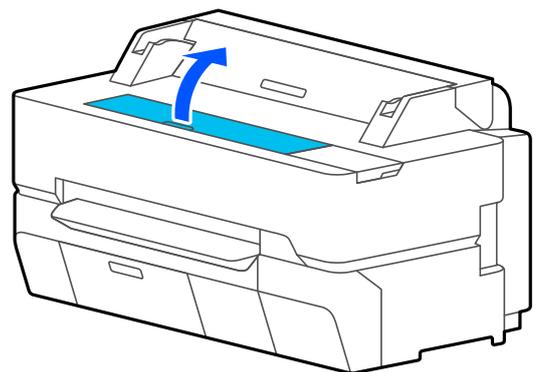
3 Open the front cover.

**4** Use tweezers to pull out the pads for borderless printing that are located at the places where soiling occurs.
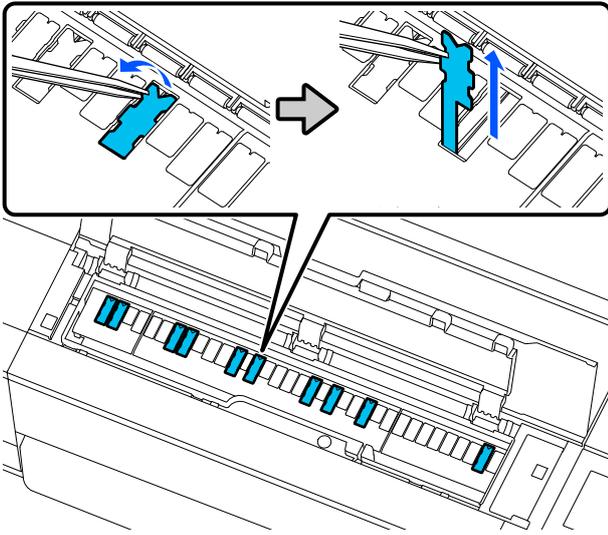


**5** Use cleaning sticks to wipe off all ink that has accumulated at the following three places.

**Bottom**
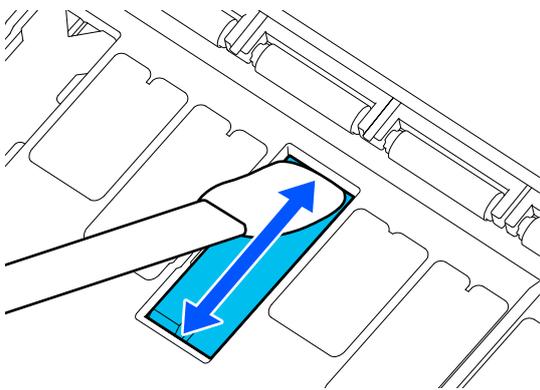


**Sides**
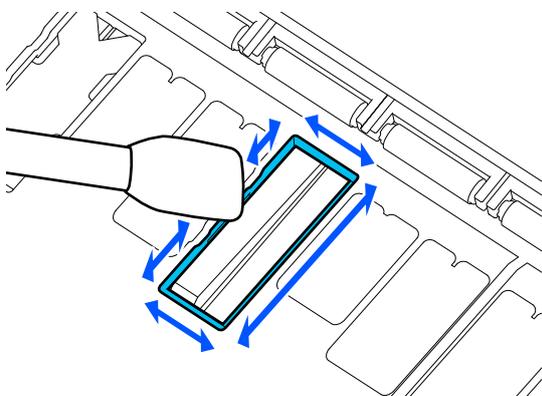


**Center groove**
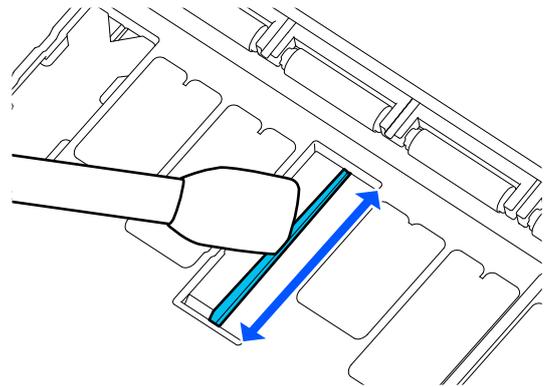


**6** Bend a new pad for borderless printing as shown in the illustration.

> **Important:**
>
> *Do not bend the new pads for borderless printing at other than the specified place.*
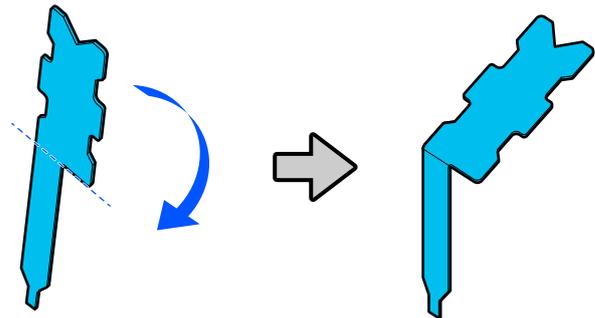
**Problem Solver**

G    Insert the leg of the pad for borderless printing all the way into the hole.

I    Gently press the pad for borderless printing until it is seated flatly in place.
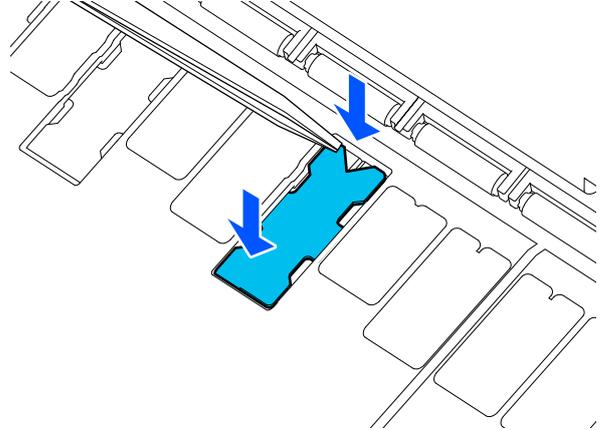
> **Important:**
>
> Make sure that no portion of the pads for borderless printing is higher than the surrounding surface.
>
> If any portion of the pads is higher than the surrounding surface, it will rub against the print head and may result in printer failure.

H    Push the protrusions on the left and right of the pads for borderless printing into the grooves on the left and right.
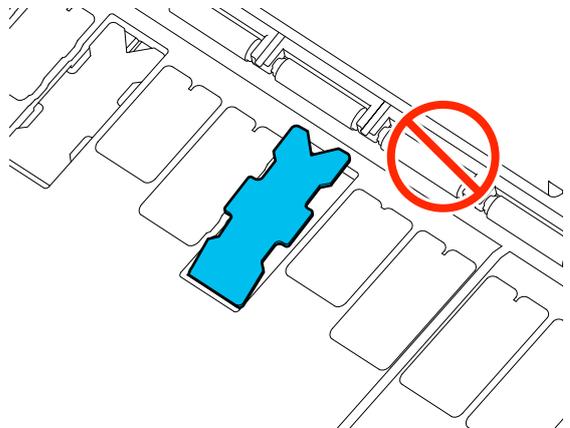
Dispose of the used pads for borderless printing and cleaning sticks.

U "Handling of Used Consumables" on page 145

To store any unused new pads for borderless printing, return them into the bag and close the fastener.

■ **Is ink dry on the printed surface?**

Depending on the printing density and media type, the ink may take a while to dry. Do not stack the paper until the printed surface is dry.

Additionally, setting the drying time on the printer in **Roll Paper** - **Advanced Media Setting** - **Drying Time** - **Drying Time per Page** to a longer time will stop post-print processing (ejection, cutting), waiting for the paper to dry naturally.

U "Roll Paper menu" on page 113

## Blurred text, lines, and images

■ **Is the Media Type setting correct?**

Confirm that the paper type selected with the printer matches the paper being used, and that the printer driver Media Type settings are **Use Printer Settings**. The amount of ink to be fired is controlled according to the media type. If the settings do not match the paper loaded, too much ink may be fired.

U "Setting Loaded Paper" on page 38

■ **Is the Color Density setting appropriate?**

On the printer driver Advanced screen, click **Paper Configuration**, and decrease the ink density. The printer may be printing with much ink for some paper. We recommend that black and color densities be decreased similarly.

■ **Are you printing on tracing paper?**

If too much ink is discharged, on the printer driver Advanced screen, click **Paper Configuration**, and decrease the ink density. Alternatively, changing **Paper Type** to **Tracing Paper <LowDuty>** may result in an improvement.

# Feeding or ejecting problems

## Unable to feed or eject paper.

■ **Is the paper loaded in the correct position?**

See the following for the correct paper loading positions.

U "Loading Roll Paper" on page 29

U "Loading Cut Sheet(1 sheet)" on page 36

■ **Is the paper loaded in the correct direction?**

Load cut sheets vertically. If they are not loaded in the correct direction, the paper may not be recognized and an error may occur.

U "Loading Cut Sheet(1 sheet)" on page 36

■ **Is the paper wrinkled or creased?**

Do not use old paper or paper with creases in it. Always use new paper.

■ **Is the paper damp?**

Do not use paper that is damp. Also, Epson special media should be left in the bag until you intend to use it. If it is left out for a long time, the paper curls up and gets damp so that it does not feed properly.

■ **Is the paper wavy or curled?**

If changes in temperature and humidity cause paper to become wavy or curled, the printer may not be able to recognize the paper size correctly.

Check the following points.

❏ Load the paper just before printing.

❏ Do not use wavy or curled paper.
For roll paper, cut off the wavy or curled parts and then load it again.
For cut sheets, use new paper.

U "Notes on Loading the Paper" on page 28

■ **Are the edges of the roll paper uneven?**

Loading roll paper with the right and left edges uneven may cause paper feeding problems or paper meandering may occur during printing. Rewind the paper to make the edges even before using roll paper or use roll paper with no problem.

U "Notes on Loading the Paper" on page 28

■ **Is the paper too thick or too thin?**

Check that the paper specifications are compatible with this printer.

U "Epson Special Media" on page 170

U "Supported Commercially Available Paper" on page 176

■ **Are you using the printer at normal room temperature?**

Epson special media should be used at normal room temperature (temperature: 15 to 25℃, humidity: 40 to 60%). For information about paper from other manufacturers, see the documentation supplied with the paper.

■ **Is paper jammed in the printer?**

Open the front cover of the printer and check that there are no paper jams or foreign objects in the printer. If paper is jammed, see "Roll paper jam" or "Cut sheets jam" below and clear the jammed paper.

## Paper does not collect in the paper basket or is creased or folded

■ **Does the print job require a lot of ink, or is the humidity of the workplace high?**

Depending on the job and the work environment, paper may not collect in the paper basket. Take the following measures as appropriate.

❏ Paper does not collect in the paper basket: Use your hands to lightly press the paper into the paper basket as it is ejected from the printer.

❏ The paper folds after it has been cut automatically: Select manual cutting and take the paper in both hands after it is cut.

❏ The paper creases and does not collect well in the paper basket: Resume printing after closing the paper basket. Before the paper ejected from the printer touches the floor, take it in both hands close to the paper eject slot and continue to lightly support it until printing is complete.

## Roll paper jam

To remove jammed paper, follow the steps below:

1 Open the cut sheet cover and the roll paper cover.
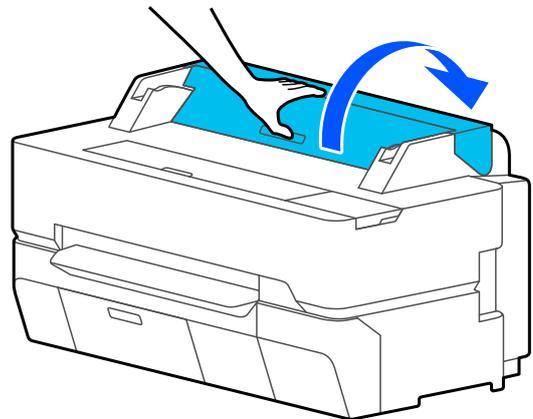


2 Cut the top portion of any torn or crinkled areas using a commercially available cutter.
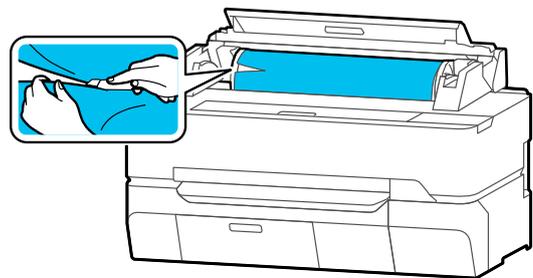


3 Close the roll paper cover and cut sheet cover.

4 When ejecting paper from the front, grasp the paper with both hands, and slowly pull it out towards you.
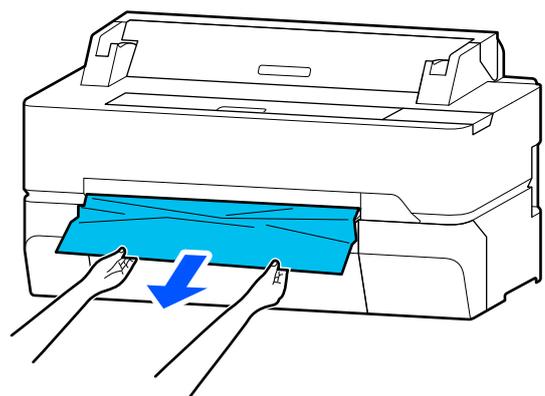
**5** Open the front cover.
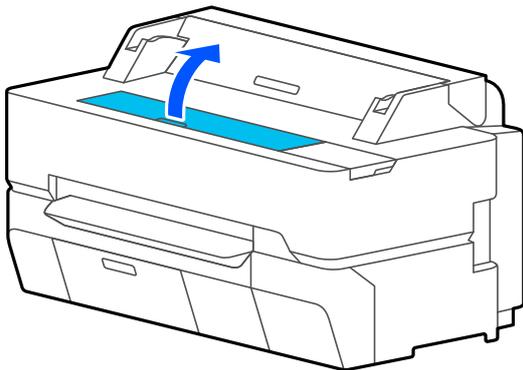


**6** Remove the jammed paper and then close the front cover.
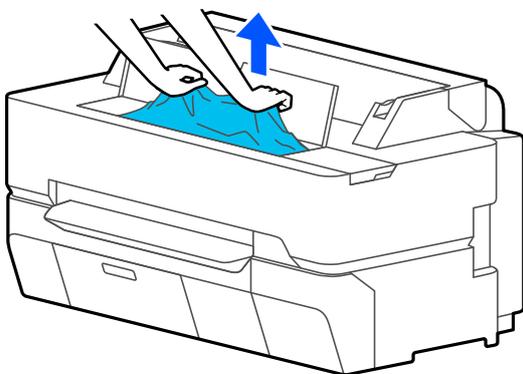


> **! Important:**
>
> *Do not touch the print head. If you touch the print head with your hand, static electricity may cause a malfunction.*

**7** If **Then turn the power off and on again.** is displayed on the screen, turn off the printer, and then turn it back on.

After removing the paper, reload the paper and restart printing.

U "Loading Roll Paper" on page 29

> **! Important:**
>
> *Before you reload the roll paper, cut the edge straight horizontally. Cut any wavy or creased sections.*
>
> *If there are any wrinkles on the edge, then paper may not be fed, or it may jam.*

## Cut sheets jam

To remove jammed paper, follow the steps below:

**1** Open the front cover.
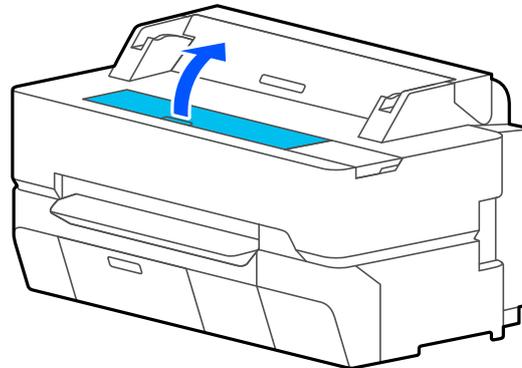


**2** When ejecting paper from the front, grasp the paper with both hands, and slowly pull it out towards you.
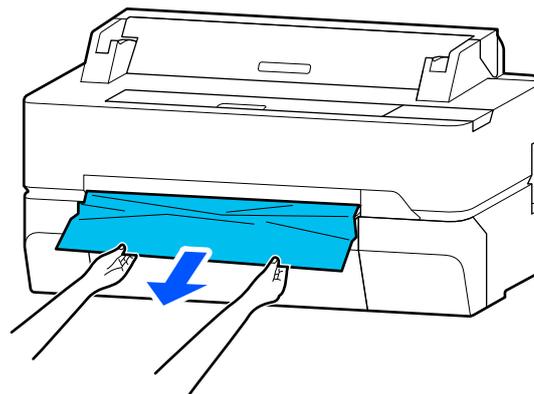


**3** Remove the jammed paper, then close the front cover.
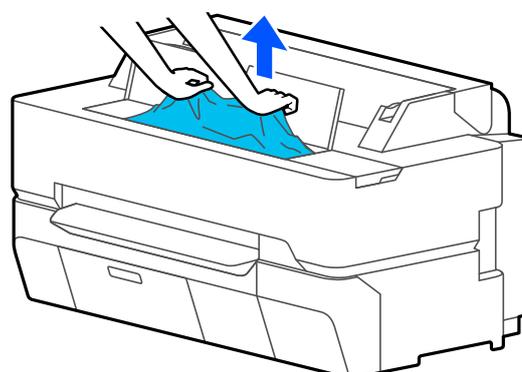


> **! Important:**
>
> *Do not touch the print head. If you touch the print head with your hand, static electricity may cause a malfunction.*

**4**    If **Then turn the power off and on again.** is displayed on the screen, turn off the printer, and then turn it back on.

After removing the paper, reload the paper and restart printing.

U "Loading Cut Sheet(1 sheet)" on page 36

## Others

### The control panel display keeps turning off.

| ■ | **Is the printer in sleep mode?**<br><br>Sleep mode is exited if a print job is received or the screen of the control panel is touched. The delay before entering sleep mode can be changed from the Basic Settings menu.<br><br>U "General Settings - Basic Settings" on page 121 |
|---|---|

### Color ink runs out quickly even when printing in the Black&White mode or when printing black data.

| ■ | **Color ink may be consumed even if in printing in black and white mode, or printing black data.** |
|---|---|

| ■ | **Color ink is also consumed during the print head cleaning process.**<br><br>When performing **Head Cleaning** or **Powerful Cleaning**, ink of all colors will be consumed even if black and white mode is selected. |
|---|---|

### The paper is not cut cleanly.

| ■ | **Replace the cutter.**<br><br>If the paper is not cut cleanly, replace the cutter.<br><br>U "Replacing the Cutter" on page 148 |
|---|---|

### A light is visible inside the printer.

| ■ | **This is not a failure.**<br><br>The light is a light inside the printer. |
|---|---|

### The administrator password has been lost

| ■ | Should you forget the administrator password, contact your dealer or Epson Support. |
|---|---|

### Print head is automatically cleaned

| ■ | To ensure print quality, the printer may automatically perform head cleaning when the printer is turned on or before starting printing. |
|---|---|

### The printer turned off due to a power cut

| ■ | **Turn off the printer, and then turn it back on.**<br><br>When the printer is not turned off normally, the print head may not be capped correctly. If the print head is left uncapped for a long time, the print quality may decline.<br><br>When you turn on the printer, capping is performed automatically after a few minutes. |
|---|---|

# Appendix

## Options and Consumable Products

The following options and consumable products are available for use with your printer. (As of July, 2018)

For the latest information, see the Epson Web site.

## Epson Special Media

U

## Ink Cartridges

Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.

Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

| Printer model | Ink color | Product Number | |
|---|---|---|---|
| | | 350 ml | 110 ml |
| SC-T5400 SC-T3400 SC-T3400N | Black | T41F5 | T41R5 |
| | Cyan | T41F2 | T41R2 |
| | Magenta | T41F3 | T41R3 |
| | Yellow | T41F4 | T41R4 |
| SC-T5430 SC-T3430 | Black | T41D5 | T41Q5 |
| | Cyan | T41D2 | T41Q2 |
| | Magenta | T41D3 | T41Q3 |
| | Yellow | T41D4 | T41Q4 |
| SC-T5460 SC-T3460 SC-T3460N | Black | T41M5 | T41V5 |
| | Cyan | T41M2 | T41V2 |
| | Magenta | T41M3 | T41V3 |
| | Yellow | T41M4 | T41V4 |

**Appendix**

| Printer model | Ink color | Product Number | |
|---|---|---|---|
| | | **350 ml** | **110 ml** |
| SC-T5480 SC-T3480N | Black | T41K5 | T41U5 |
| | Cyan | T41K2 | T41U2 |
| | Magenta | T41K3 | T41U3 |
| | Yellow | T41K4 | T41U4 |

# Others

| Product | Part number | Explanation |
|---|---|---|
| Maintenance Box | T6997 | Replacement Maintenance Box for when there is insufficient empty space in the Maintenance Box.<br><br>U "Replacing Maintenance Box" on page 147 |
| Auto Cutter Spare Blade | S902007 | U "Replacing the Cutter" on page 148 |
| Roll Feed Spindle (36")<br>(except for SC-T5480 / SC-T3480N) | C12C933301 | This is the same as the roll paper spindle supplied with the printer. Select the width in accordance with a model you are using. |
| Roll Feed Spindle (36")<br>(for SC-T5480 / SC-T3480N) | C12C933311 | |
| Roll Feed Spindle (24")<br>(except for SC-T5480 / SC-T3480N) | C12C933281 | |
| Roll Feed Spindle (24")<br>(for SC-T5480 / SC-T3480N) | C12C933291 | |
| Borderless Replacement Pad Kit | S400064 | Pads for borderless printing.<br><br>U "The reverse side of the printed paper is soiled." on page 162 |

# Supported Media

We recommend you use the following Epson special media for high-quality printing results. Refer to the following for supported commercially available paper.

## Epson Special Media Table

Epson paper supported by this printer is described below. (As of July, 2018)

The titles of the tables below have the following meanings.

❑ Paper name
   Brand name of paper.

❑ Size
   Provided paper sizes. The paper width is indicated in the case of roll paper.

❑ Borderless
   Describes whether borderless printing is available.
   ✓: available, ✓*: available but not recommended, -: not available

❑ Auto media adjust
   Describes the availability of auto media adjustments (Easy Adjustment, Paper Feed Adjust (Auto), and Print Head Alignment(Auto)). ✓: available, ✓*: available but may be less effective, -: not available

> *Note:*
> *The paper names in the following table are displayed by the paper type settings in the menu of the printer driver or the printer. Some parts of paper names may be omitted.*
>
> *Example: Premium Glossy Photo Paper (170) may be abbreviated to Premium Glossy 170.*

## Roll Paper

Not all paper types and sizes are available in all countries or regions.

| Paper Name | Size | Borderless | Auto media adjust |
|---|---|---|---|
| Singleweight Matte Paper | 420 mm/A2 | - | |
| | 432 mm/17 in. | | |
| | 515 mm/B2 | | |
| | 594 mm/A1 | | |
| | 610 mm/24 in. | ✓ | ✓* |
| | 728 mm/B1[*1] | | |
| | 914 mm/36 in.[*1] | | |

**Appendix**

| Paper Name | Size | Borderless | Auto media adjust |
|---|---|---|---|
| Doubleweight Matte Paper | 594 mm/A1<br>610 mm/24 in.<br>728 mm/B1[*1]<br>914 mm/36 in.[*1] | ✓ | ✓ |
| Premium Glossy Photo Paper (170) | 420 mm/A2 | - | ✓ |
| | 594 mm/A1<br>610 mm/24 in.<br>728 mm/B1[*1]<br>914 mm/36 in.[*1] | ✓ | |
| Premium Semigloss Photo Paper (170) | 420 mm/A2 | - | ✓ |
| | 594 mm/A1<br>610 mm/24 in.<br>728 mm/B1[*1]<br>914 mm/36 in.[*1] | ✓ | |
| Enhanced Synthetic Paper | 432 mm/17 in.<br>610 mm/24 in.<br>914 mm/36 in.[*1] | ✓* | ✓* |
| Enhanced Adhesive Synthetic Paper | 610 mm/24 in.<br>914 mm/36 in.[*1] | ✓* | ✓* |
| Enhanced Low Adhesive Synthetic Paper | 610 mm/24 in.<br>914 mm/36 in.[*1] | ✓* | ✓* |
| Backlight Film Roll | 610 mm/24 in.<br>914 mm/36 in.[*1] | ✓* | ✓* |

*1 Available only with SC-T5400 Series.

## Cut Sheet

Not all paper types and sizes are available in all countries or regions.

**Appendix**

| Paper Name | Size* | Borderless | Auto media adjust |
|---|---|---|---|
| Photo Quality Inkjet Paper | A4<br>Letter<br>Legal<br>A3 | - | ✓* |
| | A3+<br>SuperB | ✓* | |
| | A2 | - | |
| | US-C | ✓* | |
| Archival Matte Paper | A4<br>Letter<br>A3 | - | ✓ |
| | A3+<br>SuperB | ✓ | |
| | A2 | - | |
| | US C | ✓ | |
| Photo paper Glossy | A4<br>Letter<br>A3 | - | ✓ |
| | A3+<br>SuperB | ✓ | |
| | US-B | - | |
| Premium Glossy Photo Paper | A4<br>Letter<br>11 x 14 in.<br>A3 | - | ✓ |
| | A3+<br>SuperB | ✓ | |
| | A2 | - | |
| | US-C | ✓ | |

**Appendix**

| Paper Name | Size* | Borderless | Auto media adjust |
|---|---|---|---|
| Premium Semigloss Photo Paper | A4<br>Letter<br>A3 | - | ✓ |
| | A3+<br>SuperB | ✓ | |
| | A2 | - | |
| | US-C | ✓ | |
| Premium Luster Photo Paper | A4<br>Letter<br>A3 | - | ✓ |
| | A2 | - | |
| | US-C | ✓* | |

# Supported Commercially Available Paper

This printer supports the following paper specifications for non-Epson media.

> ❗ *Important:*
> ❏ *Do not use paper that is wrinkled, scuffed, torn, or dirty.*
> ❏ *Commercially available paper corresponding to the paper types in the table can be loaded in and fed through the printer as long as they meet the following specifications, however Epson cannot guarantee the print quality.*
> ❏ *Commercially available paper types not in the table can be loaded in the printer as long as they meet the following specifications, however Epson cannot guarantee the feed and print quality.*

**Roll Paper**

| Paper type | Plain paper, coated paper, photo paper, tracing paper, matte film, backlight film |
| --- | --- |
| Roll core size | 2 inches and 3 inches*<br><br>* Only plain paper with a 3-inch core is supported. |
| Roll paper outer diameter | 170 mm or less |
| Paper width | SC-T5400 Series: 254 to 914 mm (36 inches)<br>SC-T3400 Series/SC-T3400N Series: 254 to 610 mm (24 inches) |
| Paper thickness | 0.08 to 0.3 mm |
| Roll weight | 12 kg or less |

**Cut Sheet (1 Sheet)**

| Paper type | Plain paper, coated paper, photo paper, tracing paper, matte film |
| --- | --- |
| Paper width | SC-T5400 Series: 210 to 914 mm (36 inches)<br>SC-T3400 Series/SC-T3400N Series: 210 to 610 mm (24 inches) |
| Length | 279.4 mm (Letter) to 1,580 mm |
| Paper thickness | 0.08 to 0.3 mm |

**Paper Widths Supported for Borderless Printing (Common for Both Roll Paper and Cut Sheet)**

Printing borderless at the top, bottom, left, and right is possible for roll paper. Printing borderless is possible only at the left and right for cut sheet.

**Appendix**

| | |
|---|---|
| 254 mm / 10 inches | A1 / 594 mm |
| 300 mm / 11.8 inches | A1+ / ARCH D / 610 mm / 24 inches |
| A3+ / 329 mm / 13 inches | 700 mm / 27.5 inches[*] |
| 406 mm / 16 inches | JIS B1 / 728 mm[*] |
| A2+ / US C / 432 mm / 17 inches | A0 / 841 mm[*] |
| ISO B2 / 500 mm | A0+ / ARCH E / 914 mm / 36 inches[*] |
| JIS B2 / 515 mm | |

* Only support by SC-T5400 Series.

# Before Printing on Commercially Available Paper

When using commercially available paper, select the paper type setting that matches to the paper from the following settings.

❏ Plain paper

❏ Coated Paper(Generic)

❏ Photo Paper(Generic)

❏ Tracing Paper

❏ Tracing Paper <LowDuty>

❏ Matte Film

Refer to the following if there is banding, wrinkling, smearing, or uneven colors in the printing results.

U "The prints are not what you expected" on page 155

**When using Commercially Available Synthetic, Canvas or Film-type Paper**

Before printing, carry out one of the following.

❏ Add as a new paper type setting (register as custom paper), and carry out media adjust.
From the Home screen, touch **Settings** - **General Settings** - **Printer Settings** - **Custom Paper Setting**, and register a custom paper. After registering the paper, perform Media Adjust. Paper adjustment results will be saved as the newly added paper type settings.
Refer to the following menu for details on custom paper settings.
U "General Settings - Printer Settings" on page 123

❏ Select the paper type from the following Epson Special Media settings, and perform Media Adjust.
Enhanced Adhesive Syn., Enhanced Low Adh. Syn., Heavyweight Polyester, Glossy Film2, Backlight Film Roll
By performing the Media Adjust, paper settings for Epson Special Media will be overwritten by the settings for the paper you use.

There are automatic and manual paper adjustments. We recommend manual adjustments for Synthetic, Canvas, or Film-type Paper. If automatic adjustments are made, an error may occur or the effect of adjustment may be minimal.

U "Paper Feed Adjust (Manual) Procedure" on page 156

U "Print Head Alignment (Manual) Procedure" on page 157

> *Note:*
> *Test the print quality with this printer before purchasing a large amount of paper.*

# Printable area

This section describes the printable areas for the printer.

If the print range settings in application software are larger than the following printer printable areas, sections beyond the specified margins are not printed.

## Roll Paper

The gray area in the illustration below shows the printable area.

When printing borderless at the left and right, the left and right margins will be 0 mm. When printing borderless at all edges, all margins will be 0 mm.

The arrow in the illustration indicates the direction that the paper is ejected.
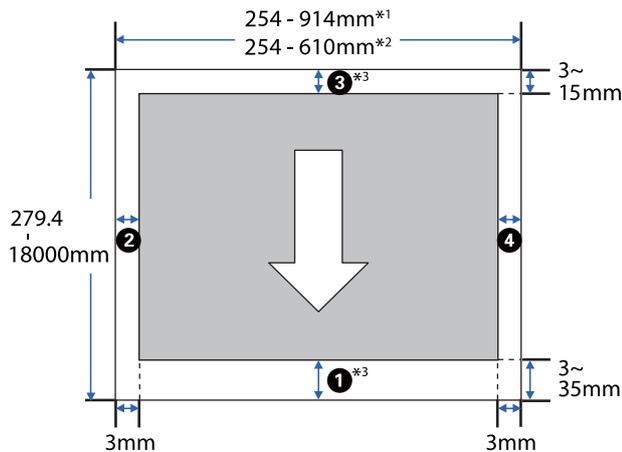


*1    SC-T5400 Series

*2    SC-T3400 Series/SC-T3400N Series

*3    In the printer driver **Layout** screen, selecting **Print Banner** sets the top and bottom margins of the paper to 0 mm.

Margins for roll paper depend on the settings values for **Top/Bottom Margins** in the menu, as shown in the table below.

Settings of **Top/Bottom Margins** ⎘ "Roll Paper menu" on page 113

The default setting is **Standard**.

| Settings of Top/Bottom Margins | Margin Values |
|---|---|
| Standard | ❶,❸ = 15 mm* |
| | ❷,❹ = 3 mm |
| Top 3 mm/Bottom 3 mm | ❶,❸ = 3 mm |
| | ❷,❹ = 3 mm |
| Top 15 mm/Bottom 15 mm | ❶,❸ = 15 mm |
| | ❷,❹ = 3 mm |
| Top 35 mm/Bottom 15 mm | ❶=35 mm |
| | ❸=15 mm |
| | ❷,❹ = 3 mm |
| 3 mm | ❶,❷,❸,❹ = 3 mm |
| 5 mm | ❶,❷,❸,❹ = 5 mm |

* If **Standard** is selected when the following two conditions are met, then the top and bottom margins will be 3 mm.

❏ The paper type settings are one of the following Singleweight Matte , Coated Paper(Generic), Plain paper, Plain Paper Thin, Plain Paper Thick, Tracing Paper, Tracing Paper <LowDuty>, Matte Film

❏ The printer driver print targets are one of the following
CAD/Line Drawing - Black, CAD/Line Drawing - Color,CAD/Line Drawing - Bi-Level

> ❗ *Important:*
>
> ❏ *Printing is distorted when the trailing edge of the roll paper comes off the core. Make sure the trailing edge does not come inside the printing area.*
>
> ❏ *If the print range settings width* Ⓐ *is smaller than the print data width* Ⓑ *, then the sections beyond the printable width* Ⓒ *will not be printed.*
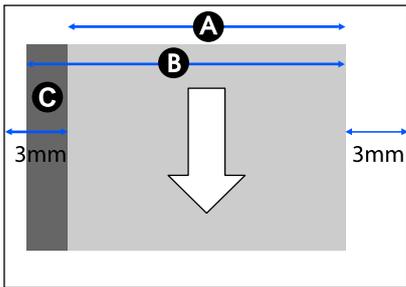


## Cut Sheet

When printing borderless at the left and right, the left and right margins will be 0 mm.

The gray area in the illustration below shows the printable area. The arrow in the illustration indicates the direction that the paper is ejected.
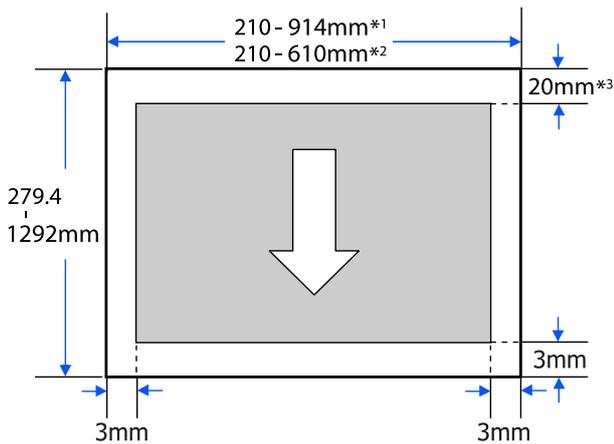


*1    SC-T5400 Series

*2    SC-T3400 Series/SC-T3400N Series

*3    The top and bottom margins vary depending on the print quality setting (Speed, Fine, etc.).

# Moving or Transporting the Printer

This section describes methods for moving and transporting the product.

## Notes for Moving or Transporting the Printer

❏ The printer is heavy, so ensure more than one person is used for these actions. When packing and moving the printer, make sure that it is carried by the following number of persons.
SC-T5400 Series: 3 or more persons
SC-T3400 Series/SC-T3400N Series: 2 or more persons

❏ When you lift the printer, maintain a natural posture.

❏ When you lift the printer, place your hands at the specified locations on the left and right as indicated in the following illustration.
If you lift the printer while holding other sections, you may be injured. For example, you may drop the printer or your fingers may be pinched when lowering the printer.

SC-T5400 Series
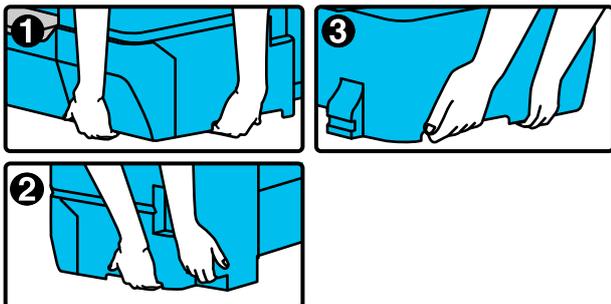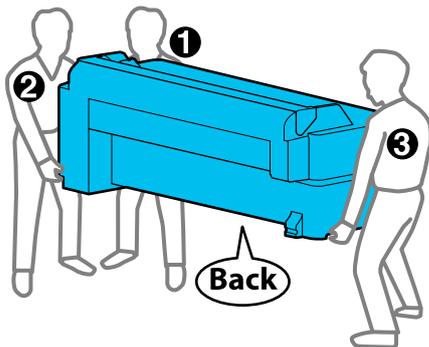


SC-T3400 Series/SC-T3400N Series
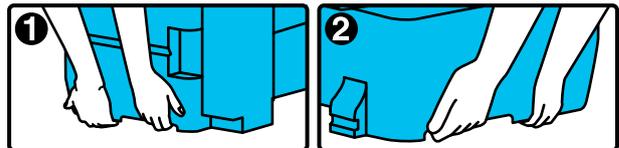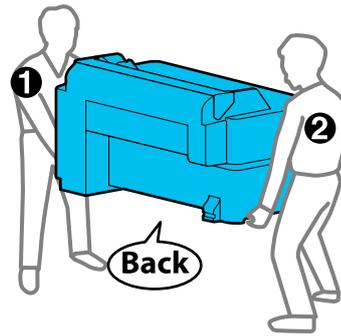


❏ Do not tilt the product more than 10 degrees forward or back while moving it. Failure to observe this precaution could result in the printer falling over, causing accidents.

> **⚠ Important:**
>
> The print head may fail if the environmental temperature becomes -10°C or lower.
>
> Eject the ink prior to turning off the power if you expect to be moving or transporting the printer in an environment of -10°C or below.
>
> See the following procedure for detailed instructions.
>
> U "Handling if Transporting/Leaving the Printer in an Environment of -10°C or Less" on page 182

## Moving to a Different Location in the Same Building

### Preparations for Moving

This explains preparations for moving the printer a short distance, for example within the same building. See the following section for information on moving the printer between floors or to another building.

U "When Transporting" on page 182

For models with stands, moving the printer on casters is possible providing there are no steps or unevenness in the floor along the route, however pay attention to the following points.

⚠ *Caution:*

*For models with stands, ensure that you abide by the following points in order to prevent damage from falling over.*

❏ *Do not move the printer with casters locked*

❏ *Avoid areas with steps or unevenness*

❏ *After moving, ensure the casters are locked before use*

❗ *Important:*

*Ensure you move and transport the printer with the ink cartridges installed. Do not remove the ink cartridges; otherwise, the nozzles may be clogged and make it impossible to print, or ink may leak.*

**1** Remove all paper from the printer.

**2** Close all covers on the printer. For models with stands, close the paper basket.

**3** Turn off the printer, and unplug all cables, including the power cord and LAN cables, etc.

**4** For models with stands, release the locks on the casters.

## Operations after Moving

This explains operations to prepare for use after moving the printer.

**1** Connect the power cable, and turn the printer on.

**2** Check for print head nozzle clogging, and if these are clogged, carry out print head cleaning.

☞ "When you want to unclog the print head" on page 157

## When Transporting

Before transporting the printer, contact your dealer or Epson Support.

☞ "Where To Get Help" on page 189

# Handling if Transporting/ Leaving the Printer in an Environment of -10°C or Less

The print head may fail if the environmental temperature becomes -10°C or lower. Discharge the ink following the procedures below if you expect the printer to encounter environments of -10°C or below.

❗ *Important:*

*This procedure discharges ink into the Maintenance Box, therefore the Maintenance Box requires adequate remaining capacity. If the remaining capacity box is low, first prepare a new replacement Maintenance Box.*

**1** If paper is loaded, remove all paper.

☞ "Removing Roll Paper" on page 34

☞ "Removing Cut Sheet (1 Sheet)" on page 37

**2** From the Home screen, touch **Settings** - **Maintenance** - **Discharging/Charging Ink**.

**3** Touch **Start**.

Ink discharging starts, and the power turns off automatically when it finishes.

❗ *Important:*

*Do not open the cover or turn the printer off during ink discharge.*

After this, refer to the following for preparations for movement/transport.

☞ "Moving to a Different Location in the Same Building" on page 181

☞ "When Transporting" on page 182

**Appendix**

# System Requirements

Software for this printer can be used in the following environments. (As of June, 2018)
Supported OS and other elements may change.

For the latest information, see the Epson Web site.

## Printer Driver

**Windows**

| Operating system | Windows 10 / Windows 10 x64<br>Windows 8.1 / Windows 8.1 x64<br>Windows 8 / Windows 8 x64<br>Windows 7 / Windows 7 x64<br>Windows Vista / Windows Vista x64<br>Windows XP / Windows XP x64<br>Windows Server 2016<br>Windows Server 2012 R2<br>Windows Server 2012<br>Windows Server 2008 R2<br>Windows Server 2008<br>Windows Server 2003 R2<br>Windows Server 2003 SP2 or later |
|---|---|
| CPU | Intel Core 2 Duo 3.05 GHz or more |
| Available memory space | 1 GB or more |
| Hard disk (Available volume to install) | 32 GB or more |
| Display resolution | WXGA (1280×800) or better |
| Connection method with the printer* | USB, Ethernet, or Wi-Fi |

*For details on the connection methods (interface specifications), see the following.

**Mac**

| Operating system | Mac OS X v10.6.8 or later |
|---|---|
| CPU | Intel Core 2 Duo 3.05 GHz or more |
| Available memory space | 4 GB or more |
| Hard disk (Available volume to install) | 32 GB or more |
| Display resolution | WXGA+ (1440×900) or better |
| Connection method with the printer* | USB, Ethernet, or Wi-Fi |

*For details on the connection methods (interface specifications), see the following.

**Appendix**

# Web Config

Web Config is software installed in the printer that will run in a web browser on a computer or smart device connected to the same network as the printer.

U *Administrator's Guide*

**Windows**

| Browser | Internet Explorer 11, Microsoft Edge, Firefox[1], Chrome[1] |
| --- | --- |
| Connection method with the printer[2] | Ethernet or Wi-Fi |

[1] Use the latest version.

[2] See the following for details on the network interfaces.

U

**Mac**

| Browser | Safari[1], Firefox[1], Chrome[1] |
| --- | --- |
| Connection method with the printer[2] | Ethernet or Wi-Fi |

[1] Use the latest version.

[2] See the following for details on the network interfaces.

U

**Smart device**

| Operating system | iOS[1] | Android OS[1] |
| --- | --- | --- |
| Browser | Safari[1] | Default browser |
| Connection method with the printer[2] | Wi-Fi | Wi-Fi |

[1] Use the latest version.

[2] See the following for details on the network interfaces.

U

**Appendix**

# Epson Edge Dashboard

> ⚠️ **Important:**
>
> *Ensure that the computer with Epson Edge Dashboard installed meets the following conditions.*
>
> *If the conditions are not observed, monitoring of the printer will not be performed correctly.*
>
> ❏ *The hibernation function is not set.*
>
> ❏ *The sleep function is disabled so that the computer will not enter the sleep state.*

**Windows**

| | |
|---|---|
| Operating system | Windows 10 / Windows 10 x64 |
| | Windows 8.1 / Windows 8.1 x64 |
| | Windows 8 / Windows 8 x64 |
| | Windows 7 SP1 / Windows 7 x64 SP1 |
| CPU | Intel Core2Duo 2.5 GHz or more |
| Available memory space | 1 GB or more |
| Hard disk<br>(Available volume to install) | 10 GB or more |
| Display resolution | 1024x768 or better |
| Connection method with the printer | SuperSpeed USB<br>Ethernet 1000Base-T |
| Browser | Windows Internet Explorer / Microsoft Edge<br>Use the latest version. (Internet Explorer 11 or later) |

**Mac**

| | |
|---|---|
| Operating system | macOS v10.7 or later |
| CPU | Intel Core2Duo 2.0GHz or more |
| Available memory space | 1 GB or more |
| Hard disk<br>(Available volume to install) | 10 GB or more |
| Display resolution | 1024x768 or better |
| Connection method with the printer | SuperSpeed USB<br>Ethernet 1000Base-T |
| Browser | Safari 6 or later |

# Specifications Table

The (A) to (C) letters used in the table represent the printer models as shown below.

(A): SC-T5400 Series
(B): SC-T3400 Series
(C): SC-T3400N Series

| Printer Specifications | |
| --- | --- |
| Printing method | On-demand ink jet |
| Nozzle configuration | 800 nozzles × 4 colors (Black, Cyan, Magenta, Yellow) |
| Resolution (maximum) | 2400 × 1200 dpi |
| Control code | ESC/P2, ESC/P raster (undisclosed command), ESC/P-R, HP-GL/2, HP RTL, PJL |
| Built-in memory | 1.0 GB |
| Rated voltage | 100 to 240 V AC |
| Rated frequency | 50/60 Hz |
| Rated current | 2.8 A |
| Power consumption | |
| Printing | (A): Approx. 38 W (B): Approx. 34 W (C): Approx. 34 W |
| Ready mode | Approx. 13 W |
| Sleep mode | Approx. 1.3 W |
| Power off | Approx. 0.25 W |
| Temperature | |
| Printing | 10 to 35℃ (15 to 25℃ is recommended) |
| In storage (before unpacking) | -20 to 60℃ (within 120 hours at 60℃, within a month at 40℃) |
| In storage (after unpacking) | Ink charged: -10 to 40℃ (within a month at 40℃) Ink discharged[1]: -20 to 25℃ (within a month at 25℃) |
| Humidity | |

| Printer Specifications | |
| --- | --- |
| Printing | 20 to 80% (40 to 60% is recommended. Without condensation) |
| In storage | 5 to 85% (without condensation) |

Temperature and humidity range for operating (the range shown by diagonal lines is recommended)



Dimensions (Width × Depth × Height)

| | |
| --- | --- |
| Printing[2] | (A): 1385 × 966 × 1060 mm (B): 1080 × 966 × 1060 mm (C): 1080 × 668 × 585 mm |
| Storage | (A): 1385 × 750 × 1060 mm (B): 1080 × 750 × 1060 mm (C): 1080 × 668 × 585 mm |
| Weight[3] | (A): Approx. 76 kg (B): Approx. 64 kg (C): Approx. 49 kg |

*1 Use the **Discharging/Charging Ink** menu in the Maintenance menu to discharge ink from the printer.
U "Handling if Transporting/Leaving the Printer in an Environment of -10℃ or Less" on page 182

*2 With the paper basket is opened

*3 Excluding the ink cartridges

> **!** *Important:*
>
> *Use the printer at an altitude of 2000 m or less.*

| Interface Specifications | |
| --- | --- |
| USB port for a computer | SuperSpeed USB |

**Appendix**

| Interface Specifications | |
| --- | --- |
| Option port (USB port for a scanner) | Hi-Speed USB |
| Ethernet[*1] Standards | IEEE802.3i (10BASE-T) IEEE802.3u (100BASE-TX) IEEE802.3ab (1000BASE-T) IEEE802.3az (Energy Efficient Ethernet)[*2] |
| Wi-Fi | |
| Standards | IEEE802.11b/g/n[*3] |
| Frequency Range | 2.4 GHz |
| Connection Modes | Infrastructure Wi-Fi Direct (Simple AP)[*4] |
| Wireless Securities | WEP (64/128-bit) WPA-PSK (TKIP) WPA2-PSK (AES)[*5] |
| Network Printing Protocols/Functions[*6] | EpsonNet Print (Windows) Standard TCP/IP (Windows) WSD Printing (Windows) Bonjour Printing (Mac) IPP Printing (Mac) AirPrint (iOS, Mac) Printing from FTP client |
| Security Protocols | SSL/TLS (HTTPS Server//Client, IPPS) IEEE802.1X IPsec/IP Filtering SMTPS (STARTTLS, SSL/TLS) SNMPv3 |
| USB Flash Drive[*7] | |
| File system | FAT32, FAT16, exFAT |
| File format | JPEG, TIFF |

*1: Use a category 5 or higher STP (Shielded twisted pair) cable.

*2: The connected device should comply with IEEE802.3az standards.

*3: IEEE802.11n is only available for the HT20.

*4: Not supported for IEEE 802.11b.

*5: Complies with WPA2 standards with support for WPA/WPA2 Personal.

*6: EpsonNet Print supports IPv4 only. The others support both IPv4 and IPv6.

*7 USB Flash Drive with security settings cannot be used.

⚠ *Warning:*

*To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing*

| Ink Specifications | |
| --- | --- |
| Type | Dedicated ink cartridges |
| Pigment ink | Black, Cyan, Magenta, Yellow |
| Use by date | See the expiration date printed on the ink cartridge package or on the cartridge (store at normal temperature) |
| Print quality guarantee expiry | One year (after installation to the printer) |
| Storage temperature | |
| Uninstalled | -20 to 40°C (within four days at -20°C, within a month at 40°C) |
| Installed | -20 to 40°C (within four days at -20°C, within a month at 40°C) |
| Transporting | -20 to 60°C (within four days at -20°C, within a month at 40°C, within 72 hours at 60°C) |
| Cartridge Dimensions (Width × Depth × Height) | |
| 350 ml | 40 × 200 × 110 mm |
| 110 ml | 25 × 200 × 110 mm |

❗ *Important:*

❑ *We recommend that you remove and shake the installed ink cartridges once every three months to ensure good print quality.*

❑ *The ink freezes if left at below -20°C for a long time. If it does freeze, leave it at room temperature (25°C) for at least four hours.*

❑ *Do not refill the ink cartridges.*

# For European users

**CE Marking**

**Appendix**

Simplified EU Declaration of Conformity:

Hereby, Seiko Epson Corporation declares that this equipment Model:K331A is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address.

http://www.epson.eu/conformity

**Radio Equipment Information**

This product intentionally emit radio wave described as follows.
(a) frequency band in which the radio equipment operates; 2.4 to 2.4835 GHz
(b) maximum radio-frequency power transmitted in the frequency band in which the radio equipment operates;20dBm (eirp power)

# Where To Get Help

## Technical Support Web Site

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your product documentation. If you have a Web browser and can connect to the Internet, access the site at:

http://support.epson.net/

If you need the latest drivers, FAQs, manuals, or other downloadables, access the site at:

http://www.epson.com

Then, select the support section of your local Epson Web site.

# Contacting Epson Support

## Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact Epson support services for assistance. If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

❏ Product serial number
(The serial number label is usually on the back of the product.)

❏ Product model

❏ Product software version
(Click **About**, **Version Info**, or similar button in the product software.)

❏ Brand and model of your computer

❏ Your computer operating system name and version

❏ Names and versions of the software applications you normally use with your product

# Help for Users in North America

Epson provides the technical support services listed below.

## Internet Support

Visit Epson's support website at http://epson.com/support and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

## Speak to a Support Representative

Dial: (562) 276-1300 (U.S.), or (905) 709-9475 (Canada), 6 am to 6 pm, Pacific Time, Monday through Friday. Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Before you call Epson for support, please have the following information ready:

❏ Product name

❏ Product serial number

❏ Proof of purchase (such as a store receipt) and date of purchase

❏ Computer configuration

❏ Description of the problem

> *Note:*
> *For help using any other software on your system, see the documentation for that software for technical support information.*

## Purchase Supplies and Accessories

You can purchase genuine Epson ink cartridges, ribbon cartridges, paper, and accessories from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at http://www.epsonstore.com (U.S. sales) or http://www.epson.ca (Canadian sales).

# Help for Users in Europe

Check your **Pan-European Warranty Document** for information on how to contact Epson support.

# Help for Users in Australia

Epson Australia wishes to provide you with a high level of customer service. In addition to your product documentation, we provide the following sources for obtaining information:

## Your Dealer

Don't forget that your dealer can often help identify and resolve problems. The dealer should always be the first call for advise on problems; they can often solve problems quickly and easily as well as give advise on the next step to take.

## Internet URL
## http://www.epson.com.au

Access the Epson Australia World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

## Epson Helpdesk

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

The Helpdesk numbers are:

| | |
|---|---|
| Phone: | 1300 361 054 |
| Fax: | (02) 8899 3789 |

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product documentation, type of computer, operating system, application programs, and any information you feel is required.

# Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

## World Wide Web (http://www.epson.com.sg)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

## Epson HelpDesk (Phone: (65) 6586 3111)

Our HelpDesk team can help you with the following over the phone:

❏   Sales enquiries and product information

❏   Product usage questions or problems

❏   Enquiries on repair service and warranty

# Help for Users in Thailand

Contacts for information, support, and services are:

## World Wide Web (http://www.epson.co.th)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

## Epson Hotline (Phone: (66) 2685 -9899)

Our Hotline team can help you with the following over the phone:

❏   Sales enquiries and product information

❏   Product usage questions or problems

❏   Enquiries on repair service and warranty

# Help for Users in Vietnam

Contacts for information, support, and services are:

| | |
|---|---|
| Epson Hotline (Phone): | 84-8-823-9239 |
| Service Center: | 80 Truong Dinh Street, District 1, Hochiminh City Vietnam |

# Help for Users in Indonesia

Contacts for information, support, and services are:

## World Wide Web (http://www.epson.co.id)

❏   Information on product specifications, drivers for download

❏   Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

## Epson Hotline

❏   Sales enquiries and product information

❏   Technical support
   Phone          (62) 21-572 4350

   Fax            (62) 21-572 4357

## Epson Service Center

| | |
|---|---|
| Jakarta | Mangga Dua Mall 3rd floor No 3A/B Jl. Arteri Mangga Dua, Jakarta |
| | Phone/Fax: (62) 21-62301104 |

| Bandung | Lippo Center 8th floor<br>Jl. Gatot Subroto No.2<br>Bandung |
| --- | --- |
| | Phone/Fax: (62) 22-7303766 |
| Surabaya | Hitech Mall lt IIB No. 12<br>Jl. Kusuma Bangsa 116 – 118<br>Surabaya |
| | Phone: (62) 31-5355035<br>Fax: (62) 31 -5477837) |
| Yogyakarta | Hotel Natour Garuda<br>Jl. Malioboro No. 60<br>Yogyakarta |
| | Phone: (62) 274-565478 |
| Medan | Wisma HSBC 4th floor<br>Jl. Diponegoro No. 11<br>Medan |
| | Phone/Fax: (62) 61-4516173 |
| Makassar | MTC Karebosi Lt. Ill Kav. P7-8<br>JI. Ahmad Yani No.49<br>Makassar |
| | Phone: (62)411-350147/411-350148 |

# Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

## Internet Home Page

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

❏ Product information

❏ Answers to Frequently Asked Questions (FAQs)

❏ Latest versions of Epson product drivers

Users can access our World Wide Web home page at:

http://www.epson.com.hk

## Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

| Phone: | (852) 2827-8911 |
| --- | --- |
| Fax: | (852) 2827-4383 |

# Help for Users in Malaysia

Contacts for information, support, and services are:

## World Wide Web (http://www.epson.com.my)

❏ Information on product specifications, drivers for download

❏ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

## Epson Trading (M) Sdn. Bhd.

Head Office.

| Phone: | 603-56288288 |
| --- | --- |
| Fax: | 603-56288388/399 |

### *Epson Helpdesk*

❏ Sales enquiries and product information (Infoline)
   Phone:    603-56288222

❏ Enquiries on repair services & warranty, product usage and technical support (Techline)
   Phone:    603-56288333

# Help for Users in India

Contacts for information, support, and services are:

## World Wide Web (http://www.epson.co.in)

Information on product specifications, drivers for download, and products enquiry are available.

## Epson India Head Office - Bangalore

Phone:          080-30515000

Fax:            30515005

## Epson India Regional Offices:

| Location | Telephone number | Fax number |
|----------|-----------------|------------|
| Mumbai | 022-28261515 / 16/17 | 022-28257287 |
| Delhi | 011-30615000 | 011-30615005 |
| Chennai | 044-30277500 | 044-30277575 |
| Kolkata | 033-22831589 / 90 | 033-22831591 |
| Hyderabad | 040-66331738/ 39 | 040-66328633 |
| Cochin | 0484-2357950 | 0484-2357950 |
| Coimbatore | 0422-2380002 | NA |
| Pune | 020-30286000 / 30286001 /30286002 | 020-30286000 |
| Ahmedabad | 079-26407176 / 77 | 079-26407347 |

## Helpline

For Service, Product info or to order a cartridge - 18004250011 (9AM - 9PM) - This is a Toll-free number.

For Service (CDMA & Mobile Users) - 3900 1600 (9AM - 6PM) Prefix local STD code

# Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone and fax numbers and e-mail address below:

| | |
|--|--|
| Trunk Line: | (63-2) 706 2609 |
| Fax: | (63-2) 706 2665 |
| Helpdesk Direct Line: | (63-2) 706 2625 |
| E-mail: | epchelpdesk@epc.epson.com.ph |

**World Wide Web**
(http://www.epson.com.ph)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

**Toll-Free No. 1800-1069-EPSON(37766)**

Our Hotline team can help you with the following over the phone:

❏ Sales enquiries and product information

❏ Product usage questions or problems

❏ Enquiries on repair service and warranty