

L3210 Series L3200 Series User's Guide



Printing

Copying

Scanning

Maintaining the Printer

Solving Problems

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Introduction to the Manuals

The following manuals are supplied with your Epson printer. As well as the manuals, see the help included in the various Epson software applications.

- ❑ Important Safety Instructions (paper manual)
Provides you with instructions to ensure the safe use of this printer.
- ❑ Start Here (paper manual)
Provides you with information on setting up the printer and installing the software.
- ❑ User's Guide (digital manual)
This manual. This manual is available as PDF and Web manuals. Provides overall information and instructions on using the printer, and on solving problems.

You can obtain the latest versions of the above manuals with the following methods.

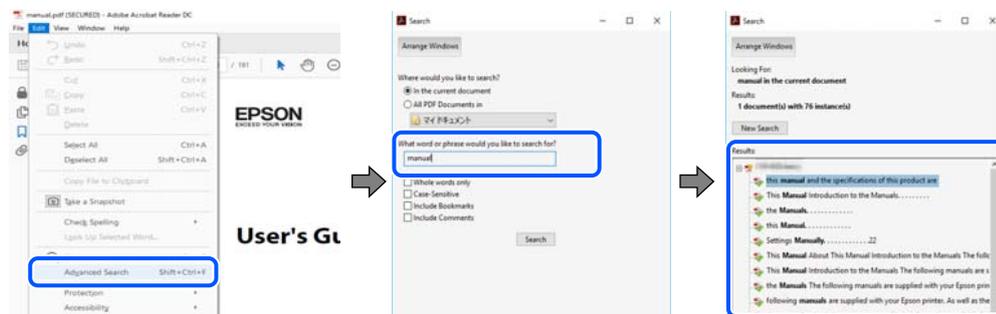
- ❑ Paper manual
Visit the Epson Europe support website at <http://www.epson.eu/support>, or the Epson worldwide support website at <http://support.epson.net/>.
- ❑ Digital manual
To view the Web manual, visit the following website, enter the product name, and then go to **Support**.
<http://epson.sn>

Searching for Information

The PDF manual allows you to search for information you are looking for by keyword, or jump directly to specific sections using the bookmarks. This section explains how to use a PDF manual that has been opened in Adobe Acrobat Reader DC on your computer.

Searching by keyword

Click **Edit > Advanced Search**. Enter the keyword (text) for information you want to find in the search window, and then click **Search**. Hits are displayed as a list. Click one of the displayed hits to jump to that page.

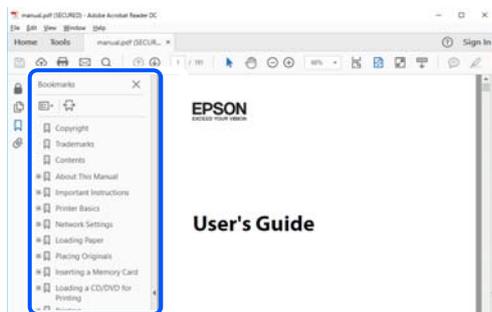


Jumping directly from bookmarks

Click a title to jump to that page. Click + or > to view the lower level titles in that section. To return to the previous page, perform the following operation on your keyboard.

- ❑ Windows: Hold down **Alt**. and then press ←.

- ❑ Mac OS: Hold down the command key, and then press ←.



Printing Only the Pages You Need

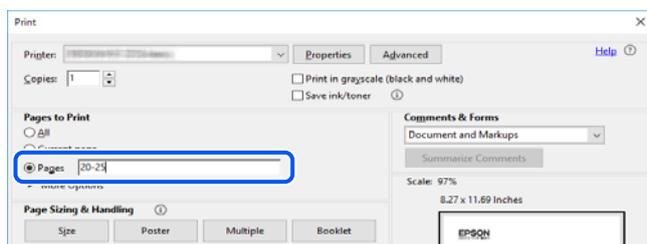
You can extract and print only the pages you need. Click **Print** in the **File** menu, and then specify the pages you want to print in **Pages in Pages to Print**.

- ❑ To specify a series of pages, enter a hyphen between the start page and the end page.

Example: 20-25

- ❑ To specify pages that are not in series, divide the pages with commas.

Example: 5, 10, 15



About This Manual

This section explains the meaning of marks and symbols, notes on descriptions, and operating system reference information used in this manual.

Marks and Symbols



Caution:

Instructions that must be followed carefully to avoid bodily injury.



Important:

Instructions that must be observed to avoid damage to your equipment.

Note:

Provides complementary and reference information.

Related Information

➔ Links to related sections.

Notes on Screenshots and Illustrations

- Screenshots of the printer driver are from Windows 10 or macOS High Sierra. The content displayed on the screens varies depending on the model and situation.
- Illustrations used in this manual are examples only. Although there may be slight differences depending on the model, the method of operation is the same.

Operating System References

Windows

In this manual, terms such as "Windows 10", "Windows 8.1", "Windows 8", "Windows 7", "Windows Vista", "Windows XP", "Windows Server 2019", "Windows Server 2016", "Windows Server 2012 R2", "Windows Server 2012", "Windows Server 2008 R2", "Windows Server 2008", "Windows Server 2003 R2", and "Windows Server 2003" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- Microsoft® Windows® 10 operating system
- Microsoft® Windows® 8.1 operating system
- Microsoft® Windows® 8 operating system
- Microsoft® Windows® 7 operating system
- Microsoft® Windows Vista® operating system
- Microsoft® Windows® XP operating system
- Microsoft® Windows® XP Professional x64 Edition operating system
- Microsoft® Windows Server® 2019 operating system
- Microsoft® Windows Server® 2016 operating system
- Microsoft® Windows Server® 2012 R2 operating system
- Microsoft® Windows Server® 2012 operating system
- Microsoft® Windows Server® 2008 R2 operating system
- Microsoft® Windows Server® 2008 operating system
- Microsoft® Windows Server® 2003 R2 operating system
- Microsoft® Windows Server® 2003 operating system

Mac OS

In this manual, "Mac OS" is used to refer to Mac OS X v10.6.8 or later.

Trademarks

- EPSON® is a registered trademark, and EPSON EXCEED YOUR VISION or EXCEED YOUR VISION is a trademark of Seiko Epson Corporation.

❑ Epson Scan 2 software is based in part on the work of the Independent JPEG Group.

❑ libtiff

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The contents of this manual and the specifications of this product are subject to change without notice.

Important Instructions

Safety Instructions. 10

Printer Advisories and Warnings. 10

Safety Instructions

Read and follow these instructions to ensure safe use of this printer. Make sure you keep this manual for future reference. Also, be sure to follow all warnings and instructions marked on the printer.

- Some of the symbols used on your printer are to ensure safety and proper use of the printer. Visit the following Web site to learn the meaning of the symbols.

<http://support.epson.net/symbols>

- Use only the power cord supplied with the printer and do not use the cord with any other equipment. Use of other cords with this printer or the use of the supplied power cord with other equipment may result in fire or electric shock.
- Be sure your AC power cord meets the relevant local safety standard.
- Never disassemble, modify, or attempt to repair the power cord, plug, printer unit, scanner unit, or options by yourself, except as specifically explained in the printer's manuals.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:
The power cord or plug is damaged; liquid has entered the printer; the printer has been dropped or the casing damaged; the printer does not operate normally or exhibits a distinct change in performance. Do not adjust controls that are not covered by the operating instructions.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- Do not place or store the printer outdoors, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, high temperature or humidity.
- Take care not to spill liquid on the printer and not to handle the printer with wet hands.

Safety Instructions for Ink

- Be careful not to touch any ink when you handle the ink tanks, ink tank caps, and opened ink bottles or ink bottle caps.
 - If ink gets on your skin, wash the area thoroughly with soap and water.
 - If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
 - If ink gets into your mouth, see a doctor right away.
- Do not shake an ink bottle too vigorously or subject it to strong impacts as this can cause ink to leak.
- Keep ink bottles out of the reach of children. Do not allow children to drink from the ink bottles.

Printer Advisories and Warnings

Read and follow these instructions to avoid damaging the printer or your property. Make sure you keep this manual for future reference.

Advisories and Warnings for Setting Up the Printer

- Do not block or cover the vents and openings in the printer.
- Use only the type of power source indicated on the printer's label.

- Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Avoid electrical outlets controlled by wall switches or automatic timers.
- Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- The power-supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the power-supply cords and do not allow the power-supply cords to be stepped on or run over. Be particularly careful to keep all the power-supply cords straight at the ends and the points where they enter and leave the transformer.
- If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- If you plan to use the printer in Germany, the building installation must be protected by a 10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for the printer.
- When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. The printer will not operate properly if it is tilted at an angle.
- Allow space above the printer so that you can fully raise the document cover.
- Leave enough space in front of the printer for the paper to be fully ejected.
- Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer away from direct sunlight, strong light, or heat sources.

Advisories and Warnings for Using the Printer

- Do not insert objects through the slots in the printer.
- Do not put your hand inside the printer during printing.
- Do not touch the white flat cable and ink tubes inside the printer.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- Do not move the print head by hand; otherwise, you may damage the printer.
- Be careful not to trap your fingers when closing the scanner unit.
- Do not press too hard on the scanner glass when placing the originals.
- Prolonged use of the printer when the ink level is below the lower line could damage the printer. Fill the ink tank to the upper line while the printer is not operating. To display the correct ink level estimates, reset the ink level after filling the tank.
- Always turn the printer off using the  button. Do not unplug the printer or turn off the power at the outlet until the  light stops flashing.
- If you are not going to use the printer for a long period, be sure to unplug the power cord from the electrical outlet.

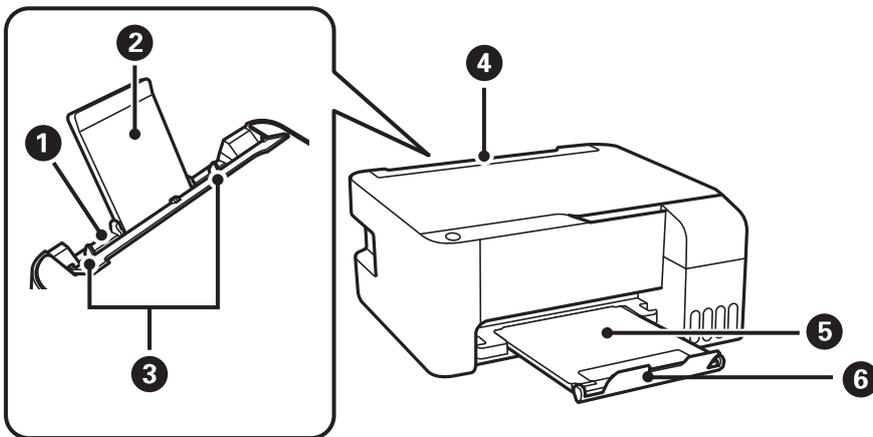
Advisories and Warnings for Transporting or Storing the Printer

- When storing or transporting the printer, avoid tilting it, placing it vertically, or turning it upside down; otherwise ink may leak.
- Before transporting the printer, make sure that the print head is in the home (far right) position.

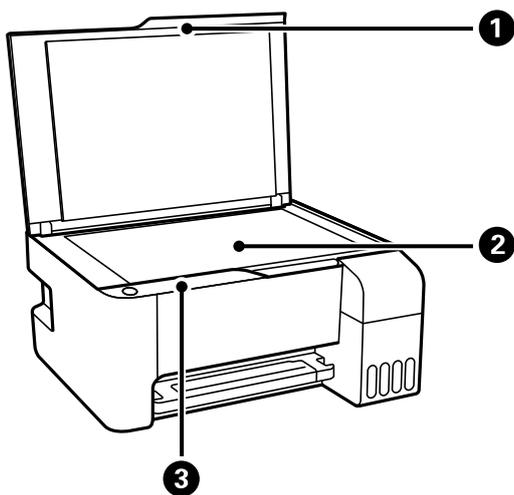
Part Names and Functions

Part Names and Functions.14

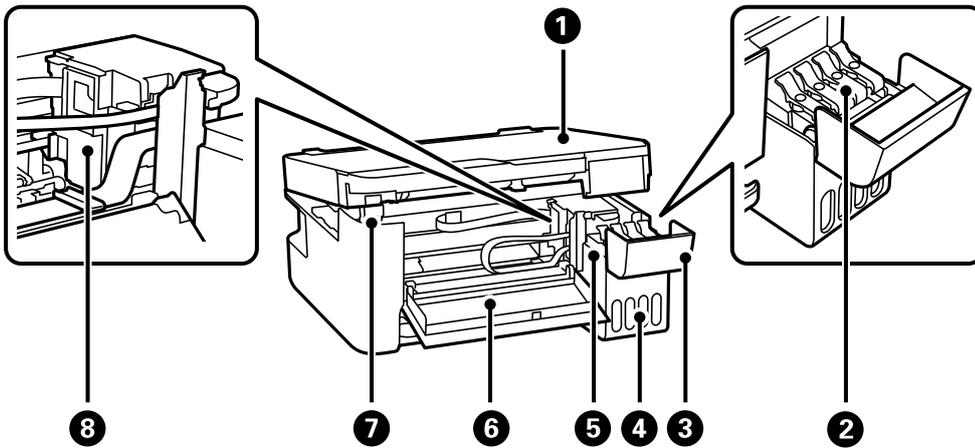
Part Names and Functions



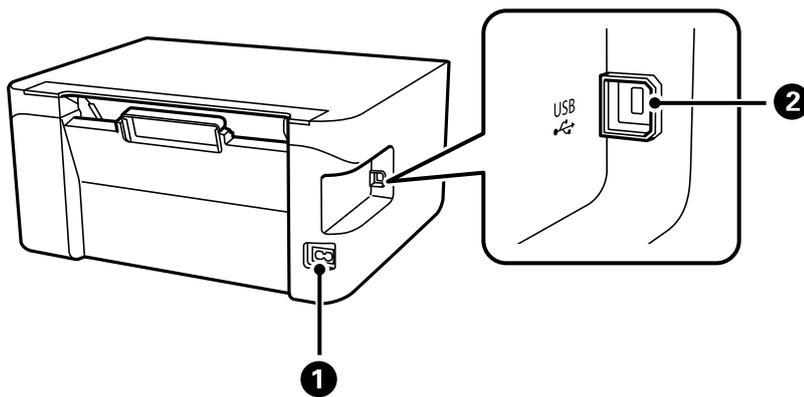
1	Rear paper feeder	Loads paper.
2	Paper support	Supports loaded paper.
3	Edge guide	Feeds the paper straight into the printer. Slide to the edges of the paper.
4	Feeder guard	Prevents foreign substance from entering the printer. Usually keep this guard closed.
5	Output tray	Holds the ejected paper.
6	Stopper	Position the stopper to prevent print outs from falling from the output tray.



1	Document cover	Blocks external light while scanning.
2	Scanner glass	Place the originals.
3	Control panel	Allows you to operate the printer and indicates the printer's status.



1	Scanner unit	Scans placed originals. Open to remove jammed paper. This unit should usually be kept closed.
2	Ink tank cap	Open to refill the ink tank.
3	Ink tank cover	
4	Ink tank unit	Contains the ink tanks.
5	Ink reservoir tank (Ink tank)	Supplies ink to the print head.
6	Front cover	Open when removing jammed paper inside the printer.
7	Scanner unit support	Supports the scanner unit when opening it.
8	Print head	Ink is ejected from the print head nozzles underneath.

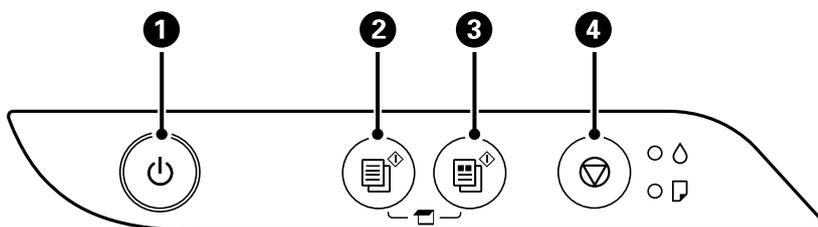


1	AC inlet	Connects the power cord.
2	USB port	Connects a USB cable to connect with a computer.

Guide to the Control Panel

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Buttons and Functions



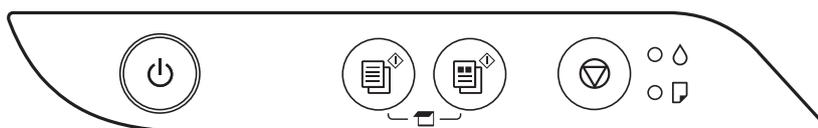
1	Turns the printer on or off. Unplug the power cord after checking that the power light is off.
2	Starts monochrome copying on A4 size plain paper. To increase the number of copies (by up to 20 copies), press this button within one second intervals.
3	Starts color copying on A4 size plain paper. To increase the number of copies (by up to 20 copies), press this button within one second intervals.
4	Stops the current operation. Hold this button down for five seconds until the  button flashes to run print head cleaning.

Functions of Button Combinations

Additional functions are available with different combinations of buttons.

	Check Scanned Images Press the  and  buttons simultaneously to run software on a USB-connected computer and check scanned images.
	Copy in Draft Mode Press the  and the  or  buttons simultaneously to copy in draft mode. For users in Western Europe, draft mode is not available.
	Print Nozzle Check Pattern Turn the printer on while holding down the  button to print the nozzle check pattern.

Checking Lights and Printer Status



When an error occurs, the light turns on or flashes. Details of the error are displayed on the computer screen.

: On

: Flashing

Light	Situation	Solutions
	Initial ink charging may not be complete.	See the <i>Start Here</i> poster to complete initial ink charging.
	No paper is loaded or more than one sheet has been fed at a time.	Load paper and press the  or  button.
	A paper jam has occurred.	Remove the paper and press the  or  button. If the paper jam error continues after removing the paper and turning the power off and on again, paper may remain inside the printer. Load A4 size paper in the rear paper feeder, and then press the  or  button to remove the paper inside. Load paper in the portrait direction. If the error cannot be cleared, contact Epson support.
 	When the power is on or flashing <ul style="list-style-type: none"> <input type="checkbox"/> The printer was not turned off correctly.* <input type="checkbox"/> Because the printer was turned off while operating, the nozzles may have dried and clogged. * The power was turned off with a power strip or breaker, the plug was pulled out of the outlet, or an electrical failure occurred.	<ul style="list-style-type: none"> <input type="checkbox"/> After clearing the error by pressing the  or  button, we recommend performing a nozzle check. Cancel any pending print jobs. <input type="checkbox"/> To turn off the printer, make sure you press the  button.
	When the power is off The printer has started in recovery mode because the firmware update failed.	Follow the steps below to try to update the firmware again. <ol style="list-style-type: none"> 1. Connect the computer and the printer with a USB cable. 2. Visit your local Epson website for further instructions.

Light	Situation	Solutions
	<p>When the  light and the  light flash simultaneously</p> <p>An ink pad is nearing or at the end of its service life.</p>	<p>The ink pads need to be replaced.</p> <p>Contact Epson or an authorised Epson service provider to replace the ink pad ^{*1}. It is not a user-serviceable part.</p> <p>When a message saying that you can continue printing is displayed on the computer, press the  or  button to continue printing. The lights stop flashing for the time being, however, they will continue to flash at regular intervals until the ink pad is replaced.</p>
	<p>When the  light and the  light flash alternately</p> <p>A borderless printing ink pad is nearing or at the end of its service life.</p>	<p>The borderless printing ink pad need to be replaced.</p> <p>Contact Epson or an authorised Epson service provider to replace the ink pad ^{*2}. It is not a user-serviceable part.</p> <p>When a message saying that you can continue printing is displayed on the computer, press the  or  button to continue printing. The lights stop flashing for the time being, however, they will continue to flash at regular intervals until the ink pad is replaced.</p> <p>Borderless printing is not available, but printing with a border is available.</p>
	<p>A printer error has occurred.</p>	<p>Remove any paper inside the printer. Turn the power off and on again.</p> <p>If the error continues to occur after turning the power off and on again, contact Epson support.</p>

*1 In some print cycles a very small amount of surplus ink may be collected in the ink pad. To prevent ink leakage from the pad, the printer is designed to stop printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the printer performs. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

*2 In some print cycles a very small amount of surplus ink may be collected in the borderless printing ink pad. To prevent ink leakage from the pad, the product is designed to stop borderless printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print using the borderless print option. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

Related Information

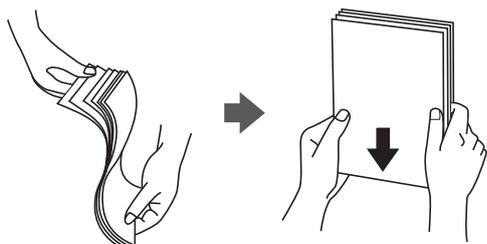
- ➔ “Removing Jammed Paper” on page 96
- ➔ “Contacting Epson Support” on page 137

Loading Paper

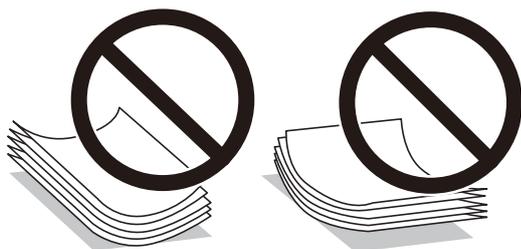
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Paper Handling Precautions

- ❑ Read the instruction sheets supplied with the paper.
- ❑ To achieve high-quality printouts with genuine Epson paper, use the paper in the environment stated on the sheets supplied with the paper.
- ❑ Fan and align the edges of the paper before loading. Do not fan or curl photo paper. Doing so may damage the printable side.



- ❑ If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause paper jams and smears on the printout.



- ❑ Paper feed problems may occur frequently for manual 2-sided printing when printing on one side of pre-printed paper. Reduce the number of sheets to half or less, or load one sheet of paper at a time if paper jams continue.
- ❑ Make sure you are using long-grain paper. If you are not sure what type of paper you are using, check the paper packaging or contact the manufacturer to confirm the paper specifications.
- ❑ Fan and align the edges of the envelopes before loading. When the stacked envelopes are puffed up with air, press them down to flatten them before loading.



List of Paper Type

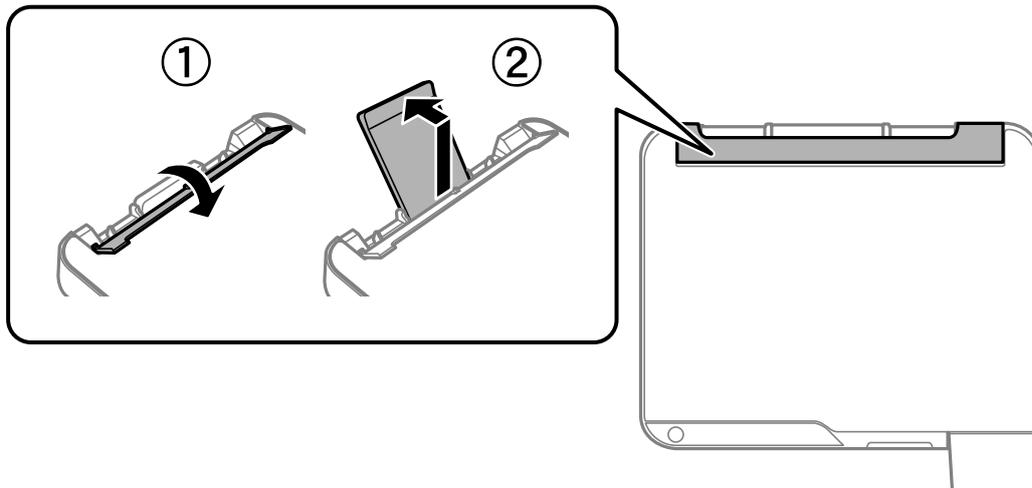
To obtain optimum printing results, select the paper type that suits the paper.

Media Name	Media Type
Epson Bright White Ink Jet Paper	Plain paper

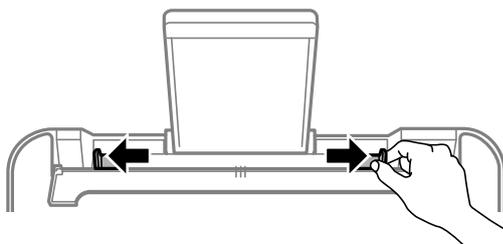
Media Name	Media Type
Epson Ultra Glossy Photo Paper Epson Value Glossy Photo Paper	Epson Ultra Glossy
Epson Premium Glossy Photo Paper	Epson Premium Glossy
Epson Premium Semigloss Photo Paper	Epson Premium Semigloss
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Matte Paper-Heavyweight Epson Double-Sided Matte Paper	Epson Matte
Epson Photo Quality Ink Jet Paper Epson Double-sided Photo Quality Ink Jet Paper	Epson Photo Quality Ink Jet

Loading Paper in the Rear Paper Feeder

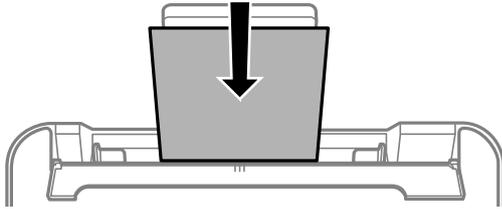
1. Open the feeder guard and pull out the paper support.



2. Slide the edge guides.



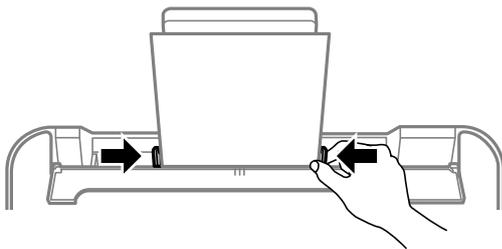
3. Load paper at the center of the paper support with the printable side facing up.



! Important:

- ❑ Do not load more than the maximum number of sheets specified for the paper. For plain paper, do not load above the line just under the ▼ symbol inside the edge guide.
- ❑ Load paper short edge first. However, when you have set the long edge as the width of the user defined size, load paper long edge first.

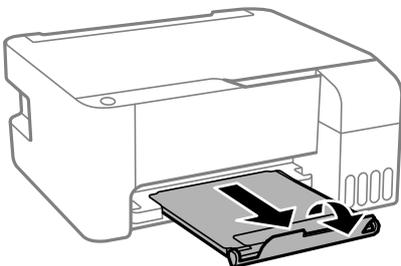
4. Slide the edge guides to the edges of the paper.
Close the feeder guard after sliding the edge guides.



! Important:

Do not place objects on the feeder guard. Doing so may prevent paper from feeding.

5. Slide out the output tray.

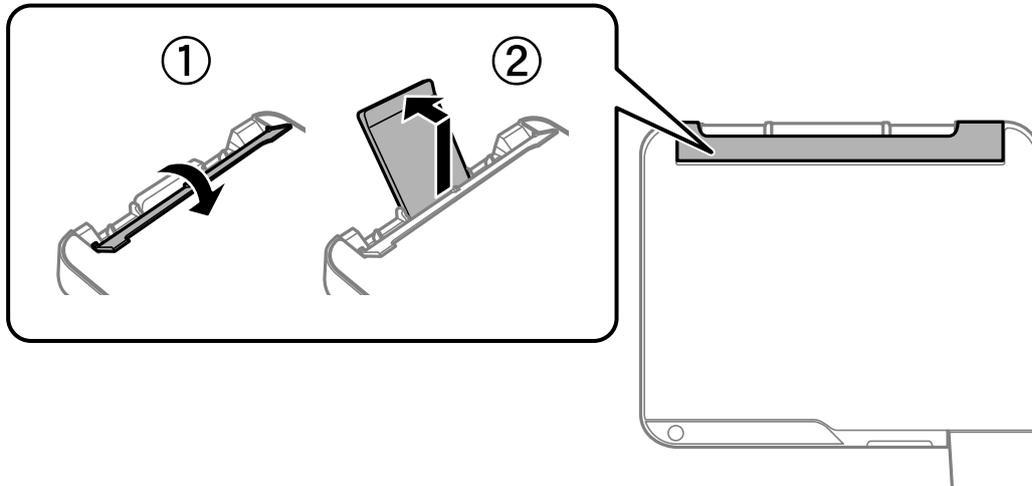


Note:

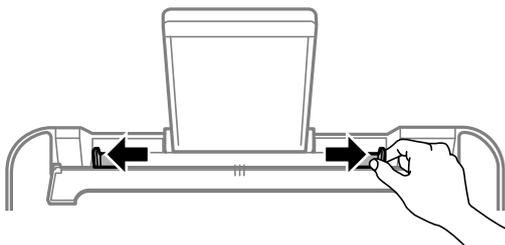
Return the remaining paper to its package. If you leave it in the printer, the paper may curl or the print quality may decline.

Loading Envelopes in the Rear Paper Feeder

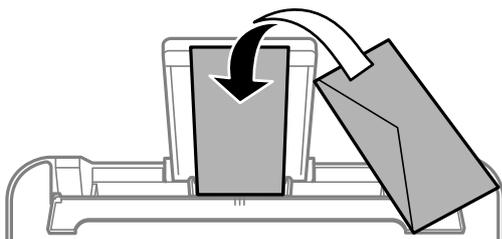
1. Open the feeder guard and pull out the paper support.



2. Slide the edge guides.



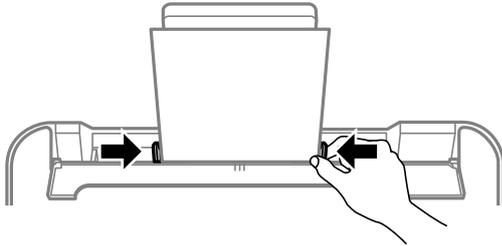
3. Load envelopes short edge first at the center of the paper support with the flap facing down.



Important:

Do not load more than the maximum number of sheets specified for the envelopes.

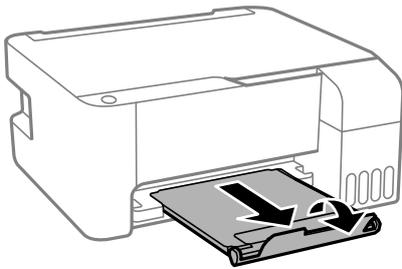
- Slide the edge guides to the edges of the envelopes.
Close the feeder guard after sliding the edge guides.



Important:

Do not place objects on the feeder guard. Doing so may prevent paper from feeding.

- Slide out the output tray.

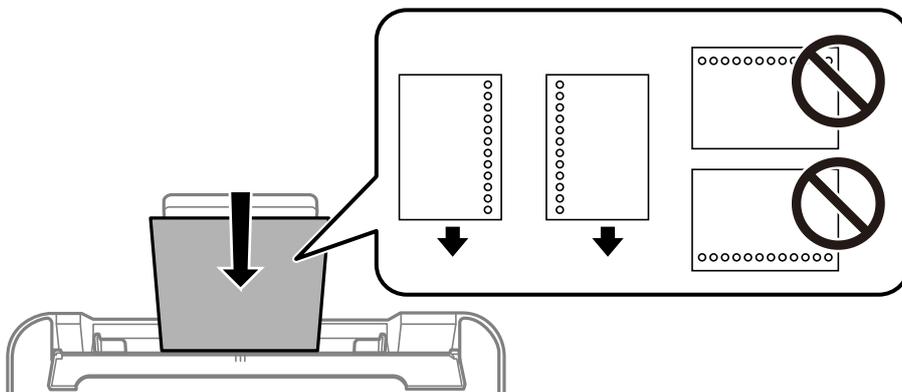


Loading Various Paper

Loading Pre-punched Paper

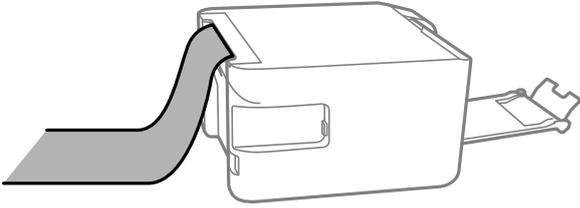
Load paper at the center arrow mark of the paper support with the printable side facing up.

Load a single sheet of defined size plain paper with binding holes at the left or right. Adjust the print position of your file to avoid printing over the holes.



Loading Long Papers

When loading paper longer than legal size, store the paper support, and then flatten the leading edge of the paper.



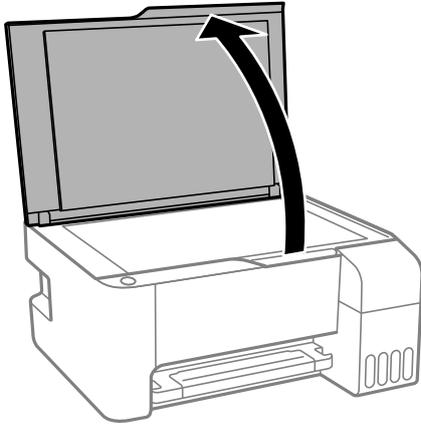


Placing Originals

Placing Originals on the Scanner Glass.28

Placing Originals on the Scanner Glass

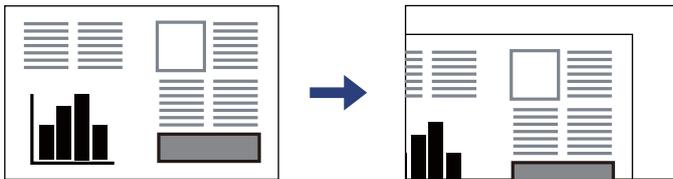
1. Open the document cover.



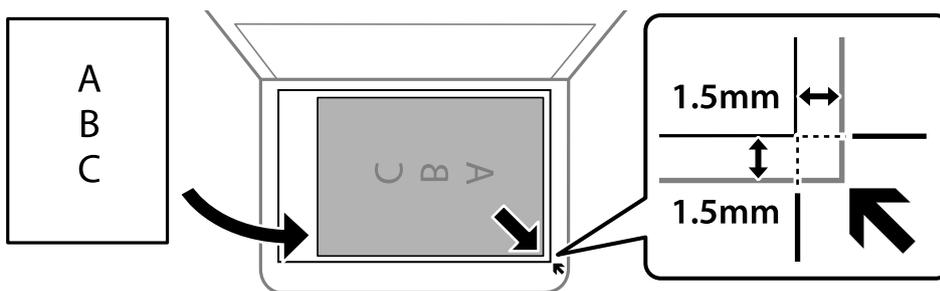
2. Remove any dust or stains on the surface of the scanner glass using a soft, dry, clean cloth.

Note:

If there is any trash or dirt on the scanner glass, the scanning range may expand to include it, so the image of the original may be displaced or reduced.



3. Place the original face-down and slide it to the corner mark.



Note:

A range of 1.5 mm from the corner of the scanner glass is not scanned.

4. Close the cover gently.

! Important:

- When placing bulky originals such as books, prevent exterior light from shining directly onto the scanner glass.
- Do not apply too much force to the scanner glass or the document cover. Otherwise, they may be damaged.

5. Remove the originals after scanning.

Note:

If you leave the originals on the scanner glass for a long time, they may stick to the surface of the glass.

Related Information

➔ [“Scanner Specifications” on page 131](#)



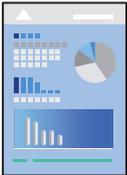
Printing

Printing Documents.	31
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Printing Documents

Printing from a Computer - Windows

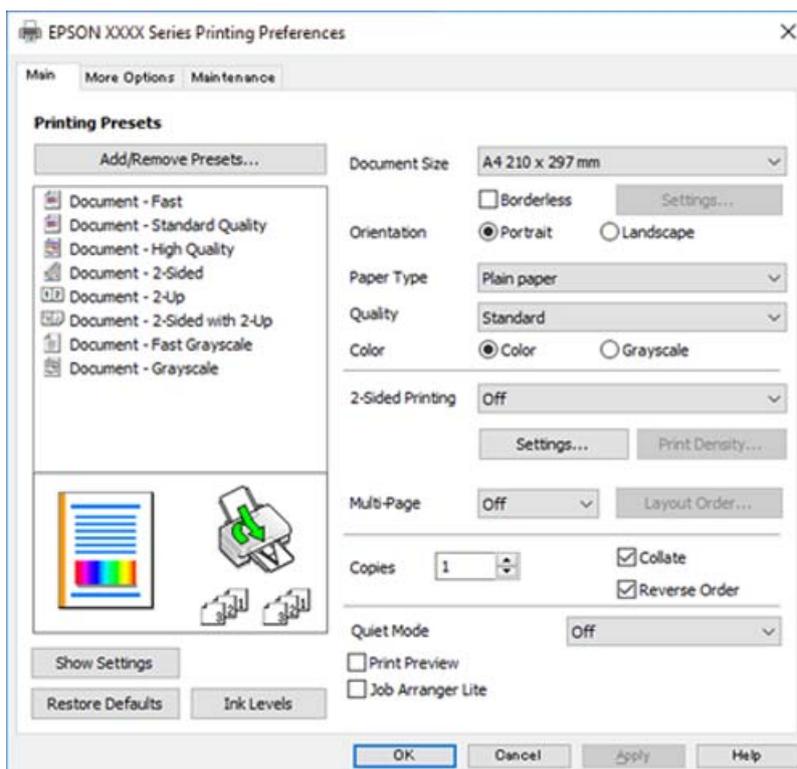
Printing Using Easy Settings



Note:

Operations may differ depending on the application. See the application's help for details.

1. Load paper in the printer.
“Loading Paper in the Rear Paper Feeder” on page 22
2. Open the file you want to print.
3. Select **Print** or **Print Setup** from the **File** menu.
4. Select your printer.
5. Select **Preferences** or **Properties** to access the printer driver window.



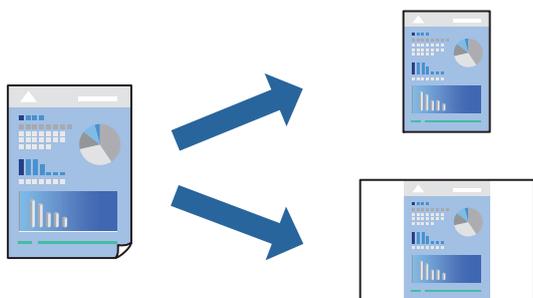
6. Change the settings as necessary.
You can see the online help for explanations of the setting items. Right-clicking an item displays **Help**.
7. Click **OK** to close the printer driver window.
8. Click **Print**.

Related Information

- ➔ [“Available Paper and Capacities” on page 122](#)
- ➔ [“List of Paper Type” on page 21](#)

Adding Printing Presets for Easy Printing

If you create your own preset of frequently used print settings on the printer driver, you can print easily by selecting the preset from the list.



1. On the printer driver's **Main** or **More Options** tab, set each item (such as **Document Size** and **Paper Type**).
2. Click **Add/Remove Presets** in **Printing Presets**.
3. Enter a **Name** and, if necessary, enter a comment.
4. Click **Save**.

Note:

To delete an added preset, click **Add/Remove Presets**, select the preset name you want to delete from the list, and then delete it.

5. Click **Print**.

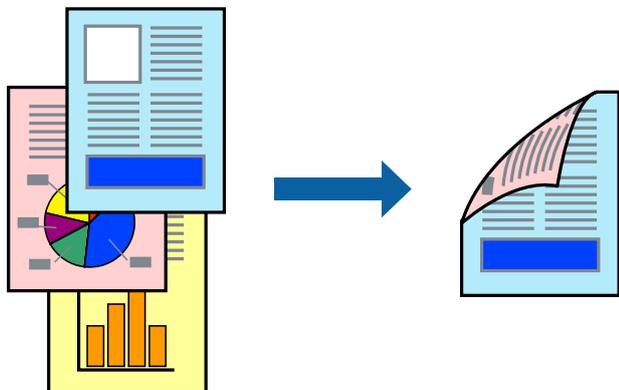
The next time you want to print using the same settings, select the registered setting name from **Printing Presets**, and click **OK**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing on 2-Sides

The printer driver will automatically print odd pages and even pages separately. When the odd pages have been printed, turn over the paper according to the instructions and print the even pages.



Note:

- This feature is not available for borderless printing.
 - If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
[“Paper for 2-Sided Printing” on page 124](#)
 - Depending on the paper and the data, ink may bleed through to the other side of the paper.
 - You cannot perform manual 2-sided printing unless **EPSON Status Monitor 3** is enabled. If **EPSON Status Monitor 3** is disabled, access the printer driver window, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
1. On the printer driver's **Main** tab, select the method of **2-Sided Printing**.
 2. Click **Settings**, make the appropriate settings, and then click **OK**.
 3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 4. Click **Print**.

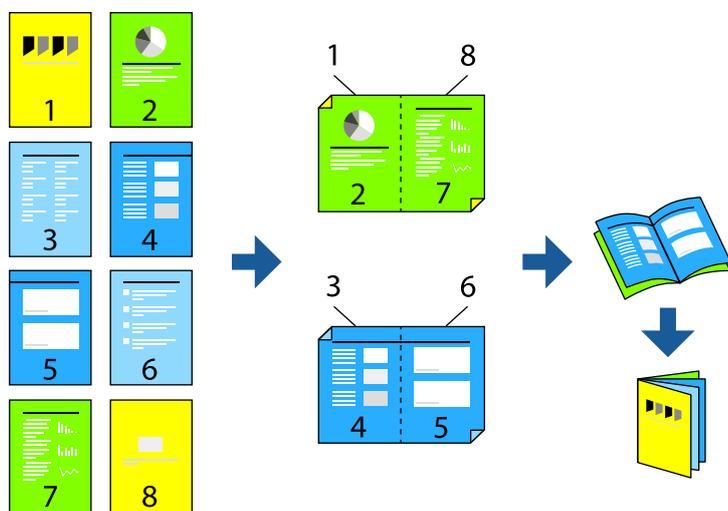
When the first side has finished printing, a pop-up window is displayed on the computer. Follow the on-screen instructions.

Related Information

- ➔ [“Available Paper and Capacities” on page 122](#)
- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing a Booklet

You can also print a booklet that can be created by re-ordering the pages and folding the printout.



Note:

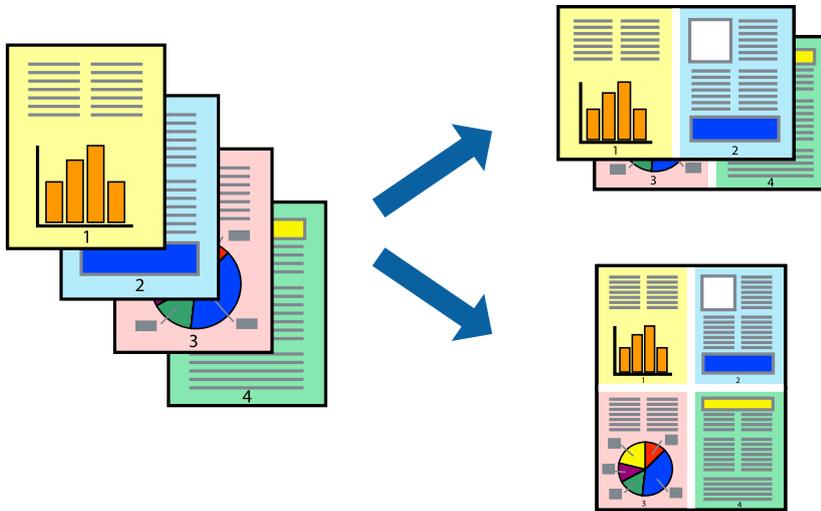
- This feature is not available with borderless printing.
 - If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
[“Paper for 2-Sided Printing” on page 124](#)
 - Depending on the paper and the data, ink may bleed through to the other side of the paper.
 - You cannot perform manual 2-sided printing unless **EPSON Status Monitor 3** is enabled. If **EPSON Status Monitor 3** is disabled, access the printer driver window, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
1. On the printer driver's **Main** tab, select the type of long-edge binding you want to use from **2-Sided Printing**.
 2. Click **Settings**, select **Booklet**, and then select **Center Binding** or **Side Binding**.
 - Center Binding: Use this method when printing a small number of pages that can be stacked and easily folded in half.
 - Side Binding. Use this method when printing one sheet (four pages) at a time, folding each in half, and then putting them together in one volume.
 3. Click **OK**.
 4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 5. Click **Print**.

Related Information

- ➔ [“Available Paper and Capacities” on page 122](#)
- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing Several Pages on One Sheet

You can print several pages of data on a single sheet of paper.



Note:

This feature is not available with borderless printing.

1. On the printer driver's **Main** tab, select **2-Up**, **4-Up**, **6-Up**, **8-Up**, **9-Up**, or **16-Up** as the **Multi-Page** setting.
2. Click **Layout Order**, make the appropriate settings, and then click **OK**.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
4. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing to Fit the Paper Size

Select the paper size you loaded in the printer as the Destination Paper Size setting.



Note:

This feature is not available with borderless printing.

1. On the printer driver's **More Options** tab, make the following settings.
 - Document Size: Select the size of the paper you set in the application setting.
 - Output Paper: Select the paper size you loaded in the printer.
 - Fit to Page** is automatically selected.

Note:

*Click **Center** to print the reduced image in the middle of the paper.*

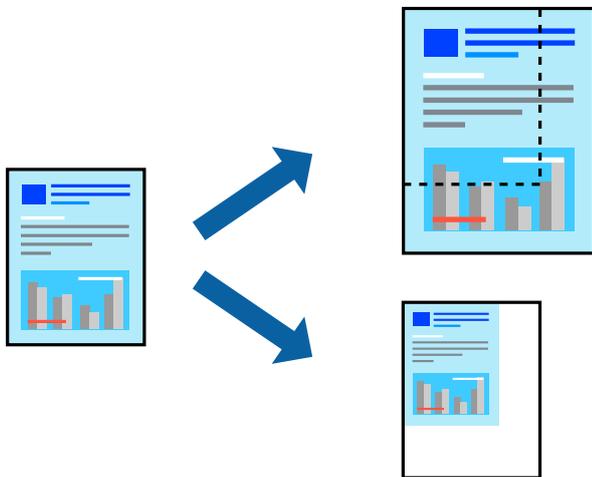
2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
3. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing a Reduced or Enlarged Document at any Magnification

You can reduce or enlarge the size of a document by a specific percentage.



Note:

This feature is not available with borderless printing.

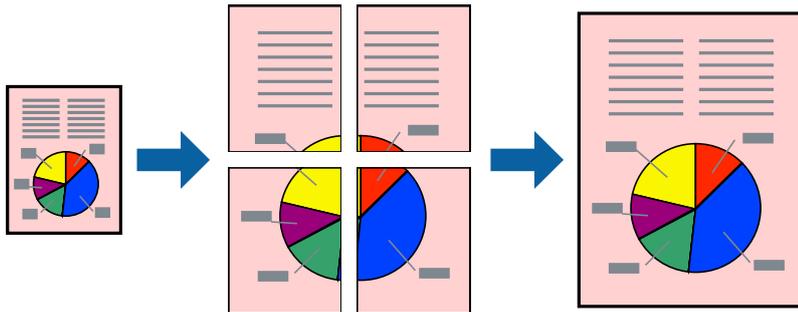
1. On the printer driver's **More Options** tab, select the document size from the **Document Size** setting.
2. Select the paper size you want to print on from the **Output Paper** setting.
3. Select **Reduce/Enlarge Document, Zoom to**, and then enter a percentage.
4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
5. Click **Print**.

Related Information

- ➔ “Loading Paper in the Rear Paper Feeder” on page 22
- ➔ “Printing Using Easy Settings” on page 31

Printing One Image on Multiple Sheets for Enlargement (Creating a Poster)

This feature allows you to print one image on multiple sheets of paper. You can create a larger poster by taping them together.



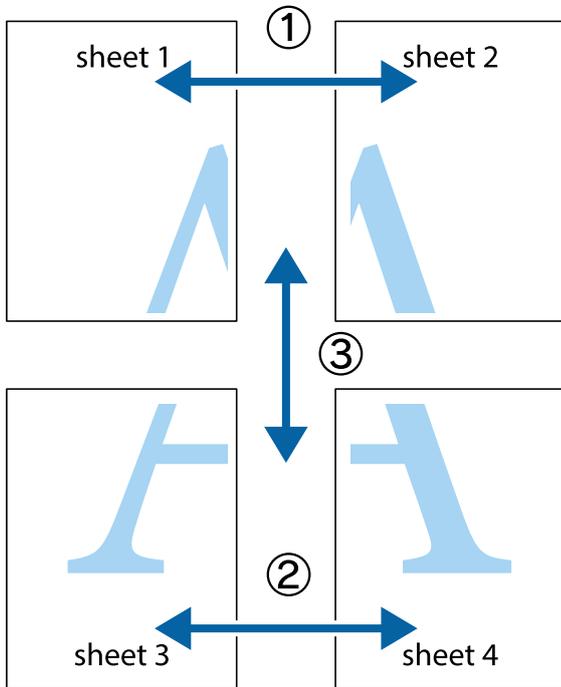
1. On the printer driver's **Main** tab, select **2x1 Poster**, **2x2 Poster**, **3x3 Poster**, or **4x4 Poster** as the **Multi-Page** setting.
2. Click **Settings**, make the appropriate settings, and then click **OK**.
Note:
Print Cutting Guides allows you to print a cutting guide.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
4. Click **Print**.

Related Information

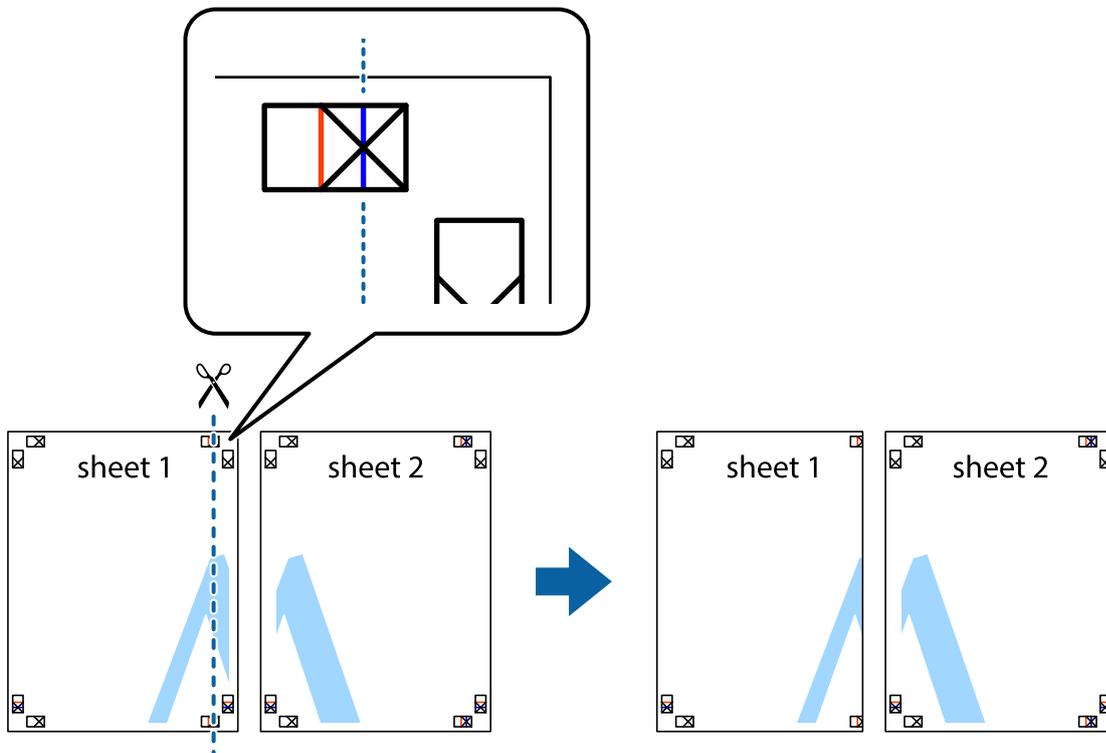
- ➔ “Loading Paper in the Rear Paper Feeder” on page 22
- ➔ “Printing Using Easy Settings” on page 31

Making Posters Using Overlapping Alignment Marks

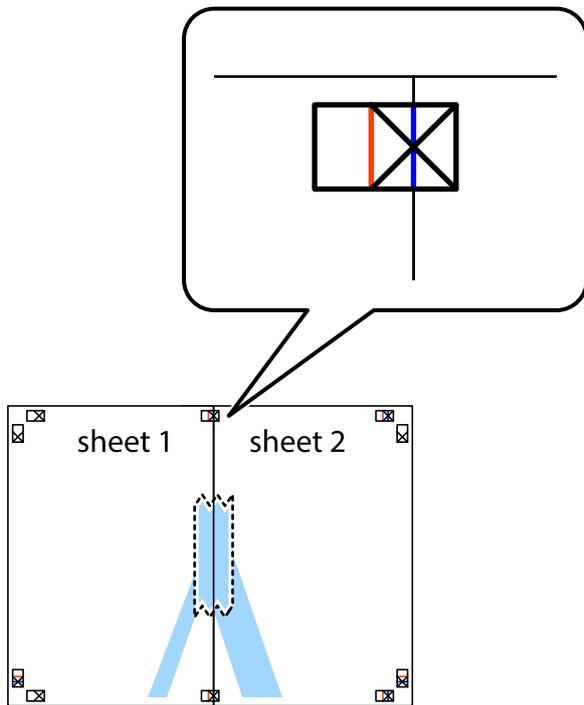
Here is an example of how to make a poster when **2x2 Poster** is selected, and **Overlapping Alignment Marks** is selected in **Print Cutting Guides**.



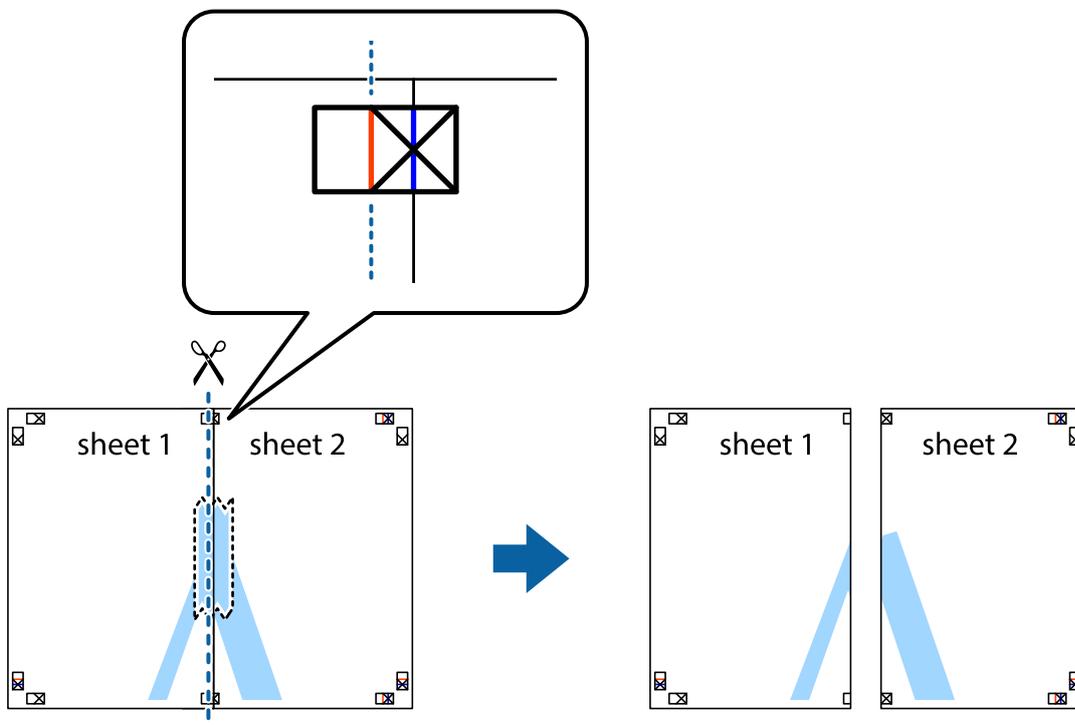
1. Prepare Sheet 1 and Sheet 2. Cut off the margins of Sheet 1 along the vertical blue line through the center of the top and bottom cross marks.



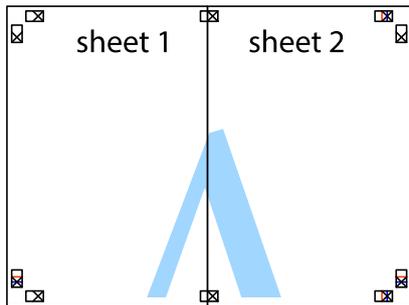
2. Place the edge of Sheet 1 on top of Sheet 2 and align the cross marks, then temporarily tape the two sheets together from the back.



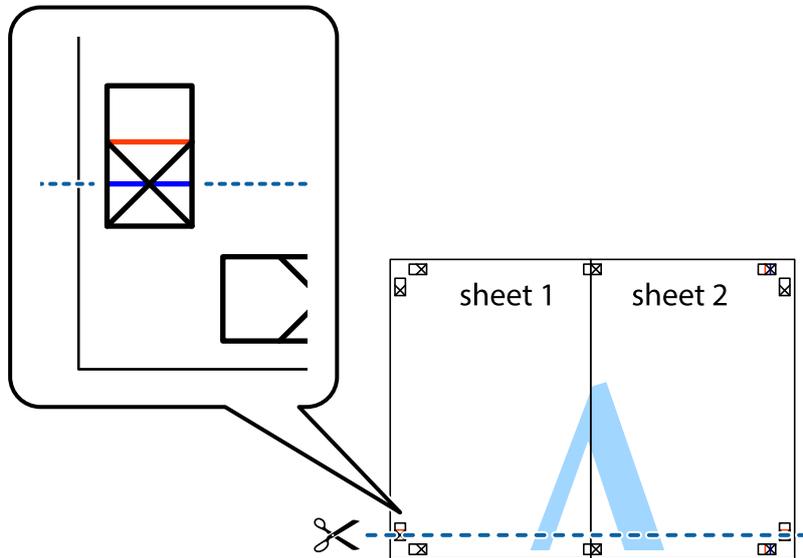
3. Cut the taped sheets in two along the vertical red line through the alignment markers (this time, the line to the left of the cross marks).



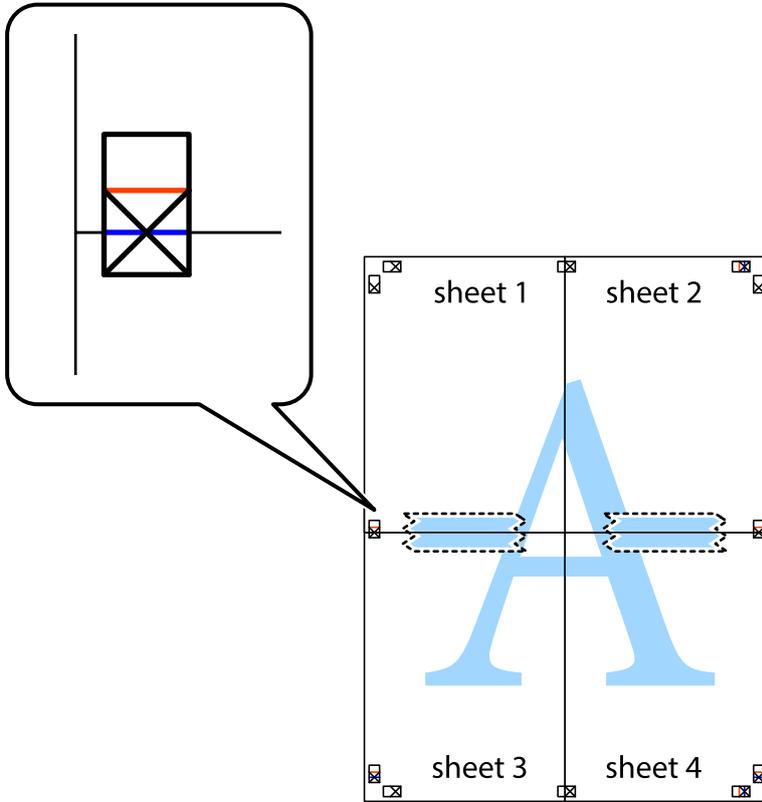
4. Tape the sheets together from the back.



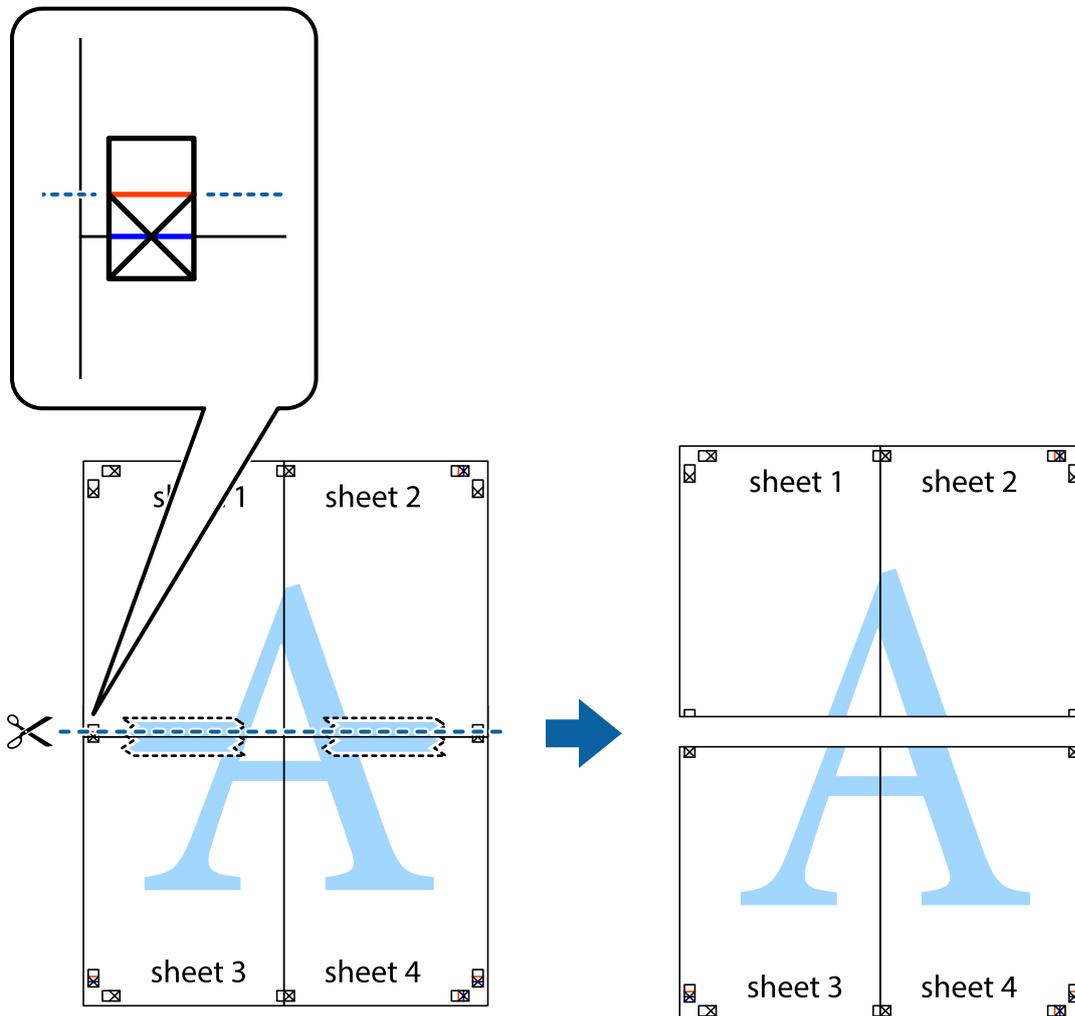
5. Repeat steps 1 to 4 to tape Sheet 3 and Sheet 4 together.
6. Cut off the margins of Sheet 1 and Sheet 2 along the horizontal blue line through the center of the left and right side cross marks.



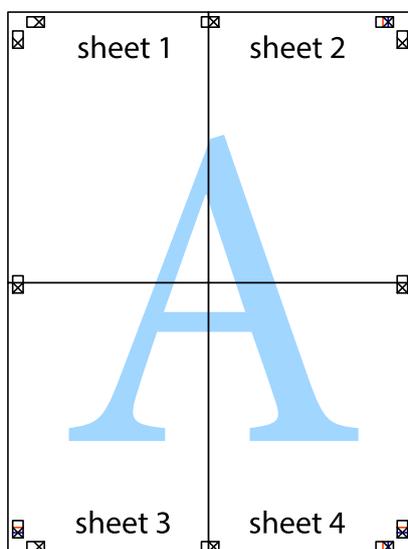
7. Place the edge of Sheet 1 and Sheet 2 on top of Sheet 3 and Sheet 4 and align the cross marks, and then temporarily tape them together from the back.



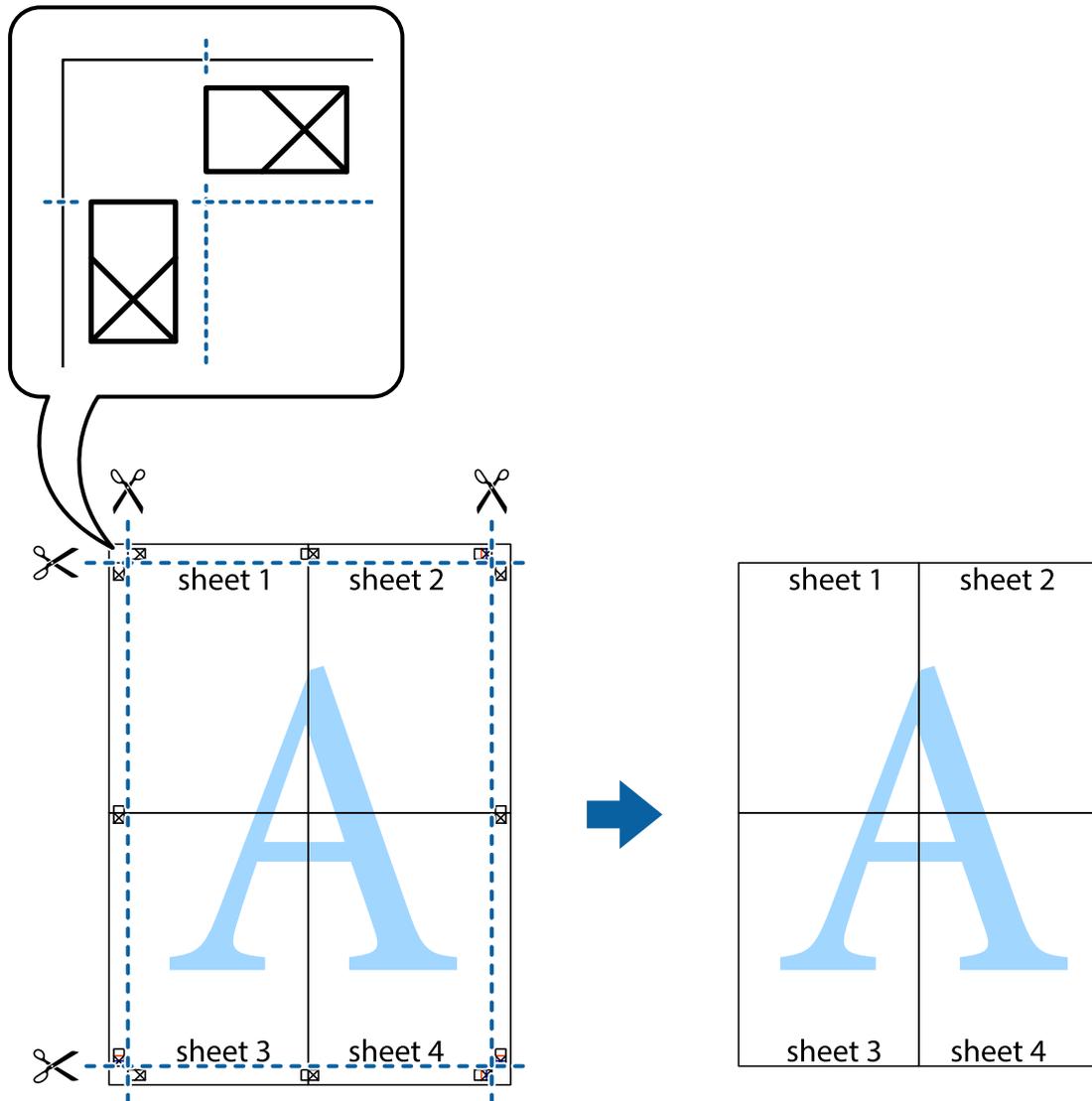
- Cut the taped sheets in two along the horizontal red line through the alignment markers (this time, the line above the cross marks).



- Tape the sheets together from the back.

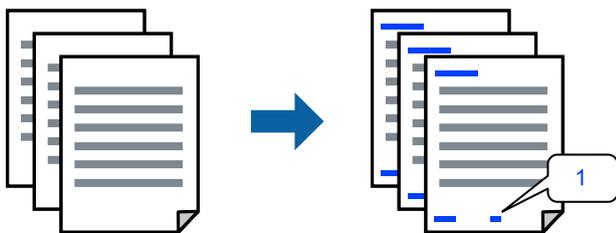


10. Cut off the remaining margins along the outer guide.



Printing with a Header and Footer

You can print information such as a user name and printing date in headers or footers.



1. On the printer driver's **More Options** tab, click **Watermark Features**, and then select **Header/Footer**.

2. **Settings**, and then select the items you want to print.

Note:

- To specify the first page number, select **Page Number** from the position you want to print in the header or footer, and then select the number in **Starting number**.
- If you want to print text in the header or footer, select the position you want to print, and then select **Text**. Enter the text you want to print in the text input field.

3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
4. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing a Watermark

You can print a watermark such as "Confidential" or an anti-copy pattern on your printouts. If you print with an anti-copy pattern, the hidden letters appear when photocopied in order to distinguish the original from the copies.



Anti-Copy Pattern is available under the following conditions:

- Paper Type: Plain paper
- Borderless: Not selected
- Quality: Standard
- 2-Sided Printing: Off, Manual (Long-edge binding), or Manual (Short-edge binding)
- Color Correction: Automatic

Note:

You can also add your own watermark or anti-copy pattern.

1. On the printer driver's **More Options** tab, click **Watermark Features**, and then select Anti-Copy Pattern or Watermark.
2. Click **Settings** to change details such as the size, density, or position of the pattern or the mark.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
4. Click **Print**.

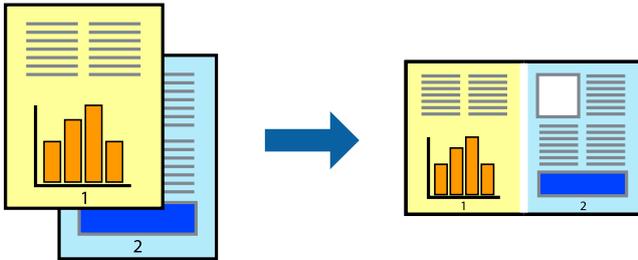
Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)

➔ [“Printing Using Easy Settings” on page 31](#)

Printing Multiple Files Together

Job Arranger Lite allows you to combine several files created by different applications and print them as a single print job. You can specify the print settings for combined files, such as multi-page layout, and 2-sided printing.



1. On the printer driver's **Main** tab, select **Job Arranger Lite**.
2. Click **Print**.
When you start printing, the Job Arranger Lite window is displayed.
3. With the Job Arranger Lite window opened, open the file that you want to combine with the current file, and then repeat the above steps.
4. When you select a print job added to Print Project Lite in the Job Arranger Lite window, you can edit the page layout.
5. Click **Print** from the **File** menu to start printing.

Note:

*If you close the Job Arranger Lite window before adding all the print data to the Print Project, the print job you are currently working on is canceled. Click **Save** from the **File** menu to save the current job. The extension of the saved files is ".ecl".*

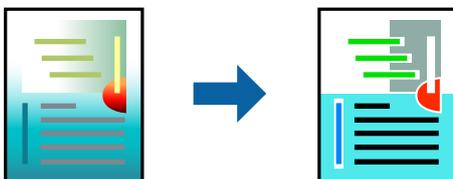
*To open a Print Project, click **Job Arranger Lite** on the printer driver's **Maintenance** tab to open the Job Arranger Lite window. Next, select **Open** from the **File** menu to select the file.*

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing Using the Color Universal Print Feature

You can enhance the visibility of texts and images in printouts.



Color Universal Print is only available when the following settings are selected.

- Paper Type: Plain paper
- Quality: **Standard** or a higher quality
- Print Color: **Color**
- Applications: Microsoft® Office 2007 or later
- Text Size: 96 pts or smaller

1. On the printer driver's **More Options** tab, click **Image Options** in the **Color Correction** setting.
2. Select an option from the **Color Universal Print** setting.
3. **Enhancement Options** to make further settings.
4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
5. Click **Print**.

Note:

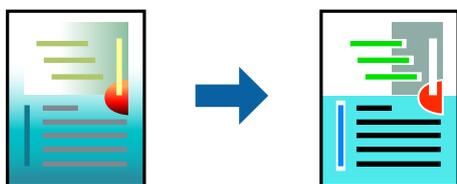
- Certain characters may be altered by patterns, such as "+" appearing as "±".
- Application-specific patterns and underlines may alter content printed using these settings.
- Print quality may decrease in photos and other images when using Color Universal Print settings.
- Printing is slower when using Color Universal Print settings.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Adjusting the Print Color

You can adjust the colors used in the print job. These adjustments are not applied to the original data.



PhotoEnhance produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Note:

PhotoEnhance adjusts the color by analyzing the location of the subject. Therefore, if you have changed the location of the subject by reducing, enlarging, cropping, or rotating the image, the color may change unexpectedly. Selecting the borderless setting also changes the location of the subject resulting in changes in color. If the image is out of focus, the tone may be unnatural. If the color is changed or becomes unnatural, print in a mode other than **PhotoEnhance**.

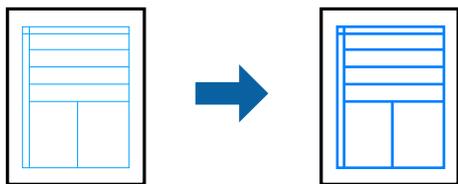
1. On the printer driver's **More Options** tab, select the method of color correction from the **Color Correction** setting.
 - Automatic: This setting automatically adjusts the tone to match the paper type and print quality settings.
 - Custom: Click **Advanced**, you can make your own settings.
2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
3. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing to Emphasize Thin Lines

You can thicken thin lines that are too thin to print.



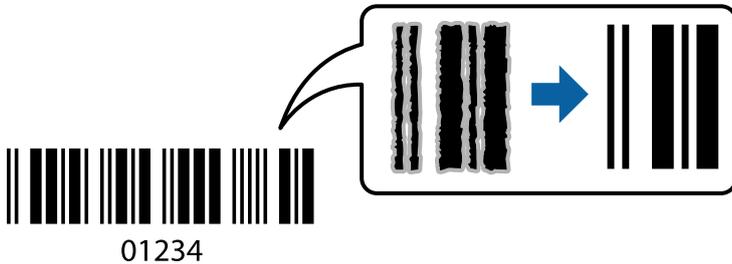
1. On the printer driver's **More Options** tab, click **Image Options** in the **Color Correction** setting.
2. Select **Emphasize Thin Lines**.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
4. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing Clear Bar Codes

You can print a bar code clearly and make it easy to scan. Only enable this feature if the bar code you printed cannot be scanned.



You can use this feature under the following conditions.

- Paper Type: Plain paper
- Quality: **Standard**

1. On the printer driver's **Maintenance** tab, click **Extended Settings**, and then select **Barcode mode**.
2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
3. Click **Print**.

Note:

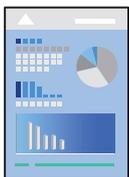
Deblurring may not always be possible depending on the circumstances.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 31](#)

Printing from a Computer - Mac OS

Printing Using Easy Settings

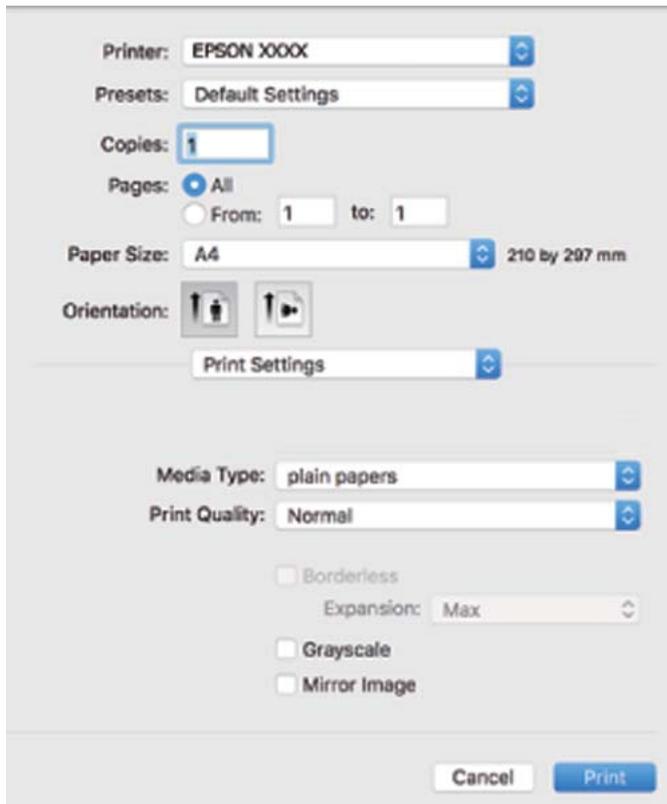


Note:

Operations and screens differ depending on the application. See the application's help for details.

1. Load paper in the printer .
2. Open the file you want to print.

3. Select **Print** from the **File** menu or another command to access the print dialog.
If necessary, click **Show Details** or ▼ to expand the print window.
4. Select your printer.
5. Select **Print Settings** from the pop-up menu.



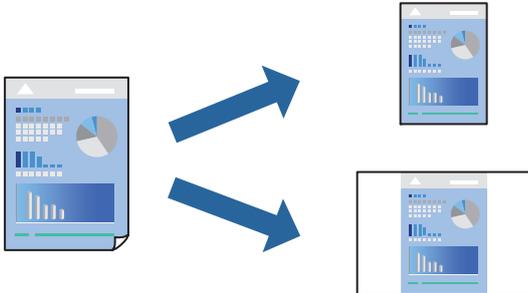
6. Change the settings as necessary.
7. Click **Print**.

Related Information

- ➔ [“Available Paper and Capacities” on page 122](#)
- ➔ [“List of Paper Type” on page 21](#)

Adding Printing Presets for Easy Printing

If you create your own preset of frequently used print settings on the printer driver, you can print easily by selecting the preset from the list.



1. Set each item such as **Print Settings** and **Layout (Paper Size, Media Type, and so on)**.
2. Click **Presets** to save the current settings as a preset.
3. Click **OK**.

Note:

To delete an added preset, click **Presets > Show Presets**, select the preset name you want to delete from the list, and then delete it.

4. Click **Print**.

The next time you want to print using the same settings, select the registered preset name from the **Presets**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 48](#)

Printing Several Pages on One Sheet

You can print several pages of data on a single sheet of paper.



1. Select **Layout** from the pop-up menu.
2. Set the number of pages in **Pages per Sheet**, the **Layout Direction** (page order), and **Border**.
3. Set the other items as necessary.
4. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 48](#)

Printing to Fit the Paper Size

Select the paper size you loaded in the printer as the Destination Paper Size setting.



1. Select the size of the paper you set in the application as the **Paper Size** setting.
2. Select **Paper Handling** from the pop-up menu.
3. Select **Scale to fit paper size**.
4. Select the paper size you loaded in the printer as the **Destination Paper Size** setting.
5. Set the other items as necessary.
6. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 48](#)

Printing a Reduced or Enlarged Document at any Magnification

You can reduce or enlarge the size of a document by a specific percentage.



1. Select **Print** from the **File** menu or another command to access the print dialog.
2. Select **Page Setup** from the **File** menu of the application.
3. Select **Printer**, **Paper Size**, enter percentage in **Scale**, and then click **OK**.

Note:

Select the paper size you set in the application as the **Paper Size** setting.

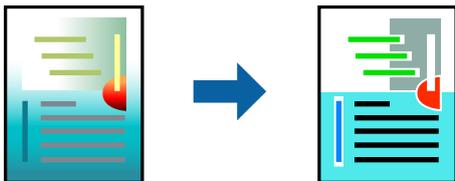
4. Set the other items as necessary.
5. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 48](#)

Adjusting the Print Color

You can adjust the colors used in the print job. These adjustments are not applied to the original data.



PhotoEnhance produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Note:

PhotoEnhance adjusts the color by analyzing the location of the subject. Therefore, if you have changed the location of the subject by reducing, enlarging, cropping, or rotating the image, the color may change unexpectedly. Selecting the borderless setting also changes the location of the subject resulting in changes in color. If the image is out of focus, the tone may be unnatural. If the color is changed or becomes unnatural, print in a mode other than **PhotoEnhance**.

1. Select **Color Matching** from the pop-up menu, and then select **EPSON Color Controls**.
2. Select **Color Options** from the pop-up menu, and then select one of the available options.
3. Click the arrow next to **Advanced Settings** and make the appropriate settings.
4. Set the other items as necessary.
5. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)
- ➔ [“Printing Using Easy Settings” on page 48](#)

Printing on Envelopes

Printing on Envelopes from a Computer (Windows)

1. Load envelopes in the printer.
[“Loading Envelopes in the Rear Paper Feeder” on page 24](#)
2. Open the file you want to print.
3. Access the printer driver window.
4. Select the envelope size from **Document Size** on the **Main** tab, and then select **Envelope** from **Paper Type**.
5. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
6. Click **Print**.

Printing on Envelopes from a Computer (Mac OS)

1. Load envelopes in the printer.
[“Loading Envelopes in the Rear Paper Feeder” on page 24](#)
2. Open the file you want to print.
3. Select **Print** from the **File** menu or another command to access the print dialog.

4. Select the size as the **Paper Size** setting.
5. Select **Print Settings** from the pop-up menu.
6. Select **Envelope** as the **Media Type** setting.
7. Set the other items as necessary.
8. Click **Print**.

Printing Web Pages

Printing Web Pages from a Computer

Epson Photo+ allows you to display web pages, crop the specified area, and then edit and print them. See the application's help for details.



Copying

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Copying Basics

You can copy on A4-size paper at the same magnification. Margins with a width of 3 mm appear around the edges of the paper regardless of whether or not the original has margins around the edges of the paper. When copying originals smaller than A4-size, margins will be wider than 3 mm depending on the position where you place the original.

1. Load paper in the printer.
[“Loading Paper in the Rear Paper Feeder” on page 22](#)
2. Place the originals.
[“Placing Originals on the Scanner Glass” on page 28](#)

3. Press the  or  button.

Note:

- ❑ *The color, size, and border of the copied image are slightly different from the original.*

Making Multiple Copies

You can make multiple copies at a time. You can specify up to 20 copies. Margins with a width of 3 mm appear around the edges of the paper.

1. Load the same number of sheets of A4-size paper as the number of copies you want to copy.
[“Loading Paper in the Rear Paper Feeder” on page 22](#)
2. Place the originals.
[“Placing Originals on the Scanner Glass” on page 28](#)
3. Press the  or  button the same number of times as the number of copies you want to make. For example, if you want to make 10 copies in color, press the  button 10 times.

Note:

Press the button within one second to change the number of copies. If the button is pressed after one second, the number of copies is set and copying starts.

Related Information

- ➔ [“Copying Basics” on page 56](#)

Scanning

Basic Information on Scanning	58
Scanning Originals to a Computer.	60
Advanced Scanning	61

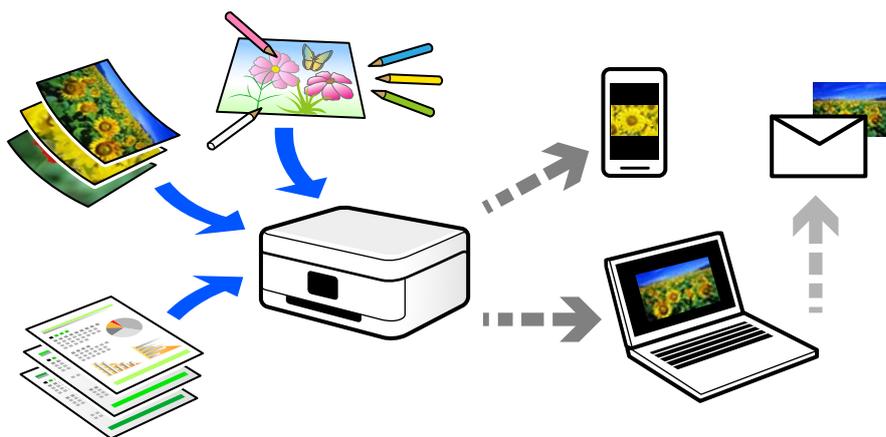
Basic Information on Scanning

What is a "Scan"?

A "scan" is the process of converting the optical information of paper data (such as documents, magazine clippings, photos, handwritten illustrations, and so on) into digital image data.

You can save scanned data as a digital image such as a JPEG or PDF.

You can then print the image, send it by email, and so on.



Scanning Uses

You can use scanning in a variety of ways to make your life more convenient.

- By scanning a paper document and turning it into digital data, you can read it on a computer or a smart device.
- By scanning tickets or flyers into digital data, you can dispose of the originals and reduce clutter.
- By scanning important documents, you can back them up to cloud services or another storage medium, just in case they get lost.
- You can send the scanned photos or documents to friends by email.
- By scanning hand-drawn illustrations and so on, you can share them on social media at a much higher quality than by just taking a photo on your smart device.
- By scanning your favorite pages from newspapers or magazines, you can save them and dispose of the originals.

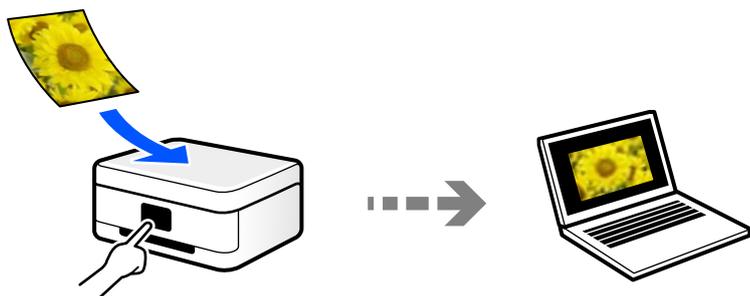
Available Scanning Methods

You can use any of the following methods to scan using this printer.

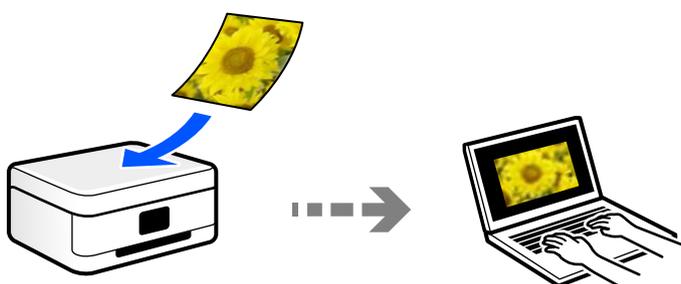
Scanning to a Computer

There are two methods of scanning originals to a computer; scanning using the printer's control panel, and scanning from the computer.

You can scan easily from the control panel.



Use the scanning application Epson ScanSmart to scan from the computer. You can edit images after scanning.



Recommended File Formats to Suit Your Purpose

Generally speaking, the JPEG format is suitable for photos while the PDF format is suitable for documents. See the following descriptions to choose the best format for what you want to do.

File Format	Description
JPEG (.jpg)	<p>A file format that allows you to compress the data to be saved. If the compression ratio is high, the image quality declines, and you cannot convert the image back to the original quality.</p> <p>This is the standard image format for digital cameras. This format is suitable for images that have many colors.</p>
PDF (.pdf)	<p>A general file format that can be used across different operating systems and provides the same level of screen display and print result.</p> <p>You can view PDF files using dedicated PDF reading software or in Web browsers.</p>

Recommended Resolutions to Suit Your Purpose

Resolution indicates the number of pixels (smallest area of an image) for each inch (25.4 mm), and is measured in dpi (dots per inch). The advantage of increasing the resolution is that the details in the image become fine. However, it can also have the following disadvantages.

- The file size becomes large
(When you double the resolution, the file size becomes about four times larger.)
- Scanning, saving, and reading the image takes a long time
- The image becomes too large to fit the display or print on the paper

See the table and set the appropriate resolution for the purpose of your scanned image.

Purpose	Resolution (Reference)
Displaying on a computer Sending by email	Up to 200 dpi
Printing using a printer	200 to 300 dpi

Scanning Originals to a Computer

There are two methods of scanning originals to a computer; scanning using the printer's control panel, and scanning from the computer.

Scanning from the Control Panel

You can save the scanned image to a computer which is connected to the printer with a USB cable.

Note:

To use this feature, make sure the following applications are installed on your computer.

- Epson ScanSmart (Windows 7 or later, or OS X El Capitan or later)
- Epson Event Manager (Windows Vista/Windows XP, or OS X Yosemite/OS X Mavericks/OS X Mountain Lion/Mac OS X v10.7.x/Mac OS X v10.6.8)
- Epson Scan 2 (application required to use the scanner feature)

See the following to check for installed applications.

Windows 10: Click the start button, and then check the **Epson Software** folder > **Epson ScanSmart**, and the **EPSON** folder > **Epson Scan 2**.

Windows 8.1/Windows 8: Enter the application name in the search charm, and then check the displayed icon.

Windows 7: Click the start button, and then select **All Programs**. Next, check the **Epson Software** folder > **Epson ScanSmart**, and the **EPSON** folder > **Epson Scan 2**.

Windows Vista/Windows XP: Click the start button, and then select **All Programs** or **Programs**. Next, check the **Epson Software** folder > **Epson Event Manager**, and the **EPSON** folder > **Epson Scan 2**.

Mac OS: Select **Go** > **Applications** > **Epson Software**.

1. Place the originals.

[“Placing Originals on the Scanner Glass” on page 28](#)

2. Press the  button and the  button simultaneously to start scanning.

When using Windows 7 or later, or OS X El Capitan or later: Epson ScanSmart automatically starts on your computer, and scanning starts.

Note:

- See the *Epson ScanSmart help* for detailed operation information for the software. Click **Help** on the *Epson ScanSmart* screen to open the help.
- You can not only start scanning from the printer but also from your computer by using *Epson ScanSmart*.

Scanning from a Computer

You can scan from a computer by using Epson ScanSmart.

This application allows you to scan documents and photos easily, and then save the scanned images in simple steps.

1. Place the originals.

[“Placing Originals on the Scanner Glass” on page 28](#)

2. Start Epson ScanSmart.

- Windows 10

Click the start button, and then select **Epson Software > Epson ScanSmart**.

- Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- Windows 7

Click the start button, and then select **All Programs > Epson Software > Epson ScanSmart**.

- Mac OS

Select **Go > Applications > Epson Software > Epson ScanSmart**.

3. When the Epson ScanSmart screen is displayed, follow the on-screen instructions to scan.

Note:

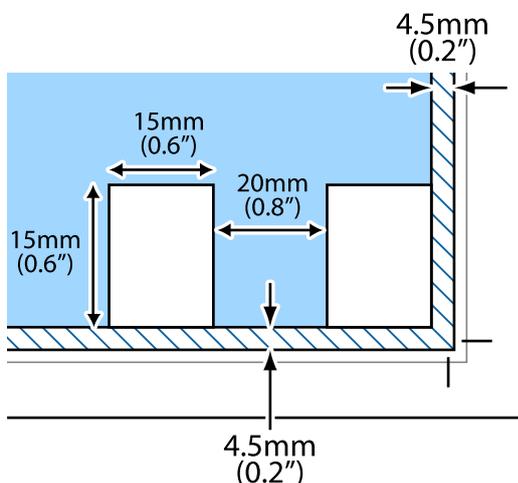
Click **Help** to view detailed operation information.

Advanced Scanning

Scanning Multiple Photos at the Same Time

Using Epson ScanSmart, you can scan multiple photos at the same time and save each image individually.

1. Place the photos on the scanner glass. Place them 4.5 mm (0.2 in.) away from the horizontal and vertical edges of the scanner glass, and place them at least 20 mm (0.8 in.) away from each other.



Note:

The photos should be larger than 15×15 mm (0.6×0.6 in.).

2. Start Epson ScanSmart.

- Windows 10

- Click the start button, and then select **Epson Software > Epson ScanSmart**.

- Windows 8.1/Windows 8

- Enter the application name in the search charm, and then select the displayed icon.

- Windows 7

- Click the start button, and then select **All Programs > Epson Software > Epson ScanSmart**.

- Mac OS

- Select **Go > Applications > Epson Software > Epson ScanSmart**.

3. When the Epson ScanSmart screen is displayed, follow the on-screen instructions to scan.

Scanned photos are saved as individual images.

Maintaining the Printer

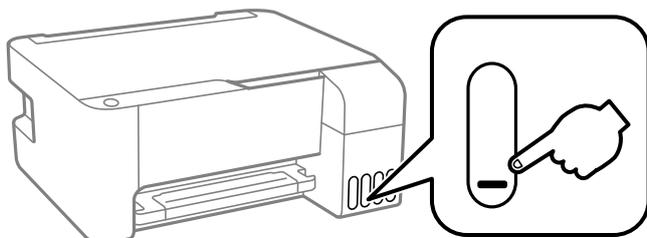
Checking the Ink Levels.	64
Improving Print, Copy, and Scan Quality.	64
Cleaning the Printer.	69
Cleaning Spilled ink.	70
Checking the Total Number of Pages Fed Through the Printer.	70
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Checking the Ink Levels

To confirm the actual ink remaining, visually check the ink levels in all of the printer's tanks.

! **Important:**

Prolonged use of the printer when the ink level is below the lower line could damage the printer.



Related Information

➔ [“Refilling the Ink Tanks” on page 100](#)

Improving Print, Copy, and Scan Quality

Checking and Cleaning the Print Head

If the nozzles are clogged, the printouts become faint, there is visible banding, or unexpected colors appear. If the nozzles are severely clogged, a blank sheet will be printed. When print quality has declined, first use the nozzle check feature to check if the nozzles are clogged. If the nozzles are clogged, clean the print head.

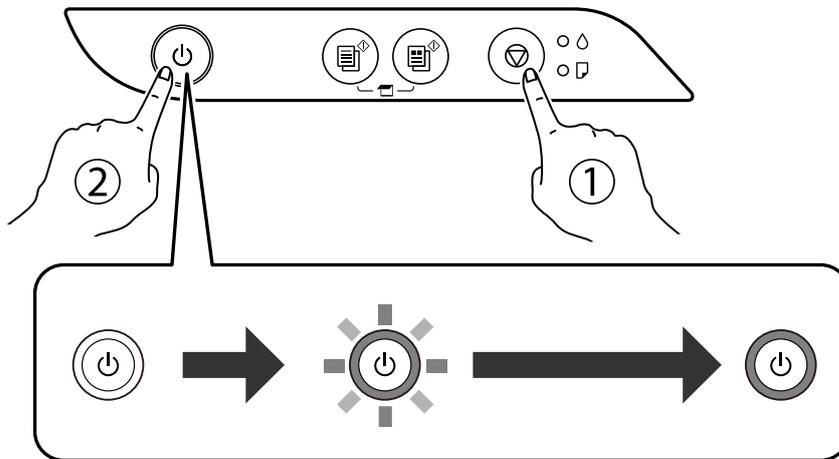
! **Important:**

- Do not open the front cover or turn off the printer during head cleaning. If the head cleaning is incomplete, you may not be able to print.
- Head cleaning consumes ink and should not be performed more than necessary.
- When ink is low, you may not be able to clean the print head.
- If print quality has not improved after repeating nozzle check and head cleaning 3 times, wait for at least 12 hours without printing, and then run the nozzle check again and repeat the head cleaning if necessary. We recommend turning off the printer by using the  button. If print quality has still not improved, run Power Cleaning.
- To prevent the print head from drying out, do not unplug the printer while the power is on.

You can check and clean the print head by using the printer's control panel.

1. Load A4-size plain paper in the printer.
2. Press the  button to turn off the printer.

- Turn the printer on while holding the  button down, and then release the buttons when the power light flashes.



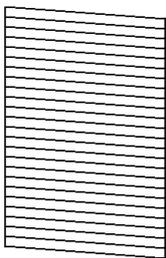
The nozzle check pattern is printed.

Note:

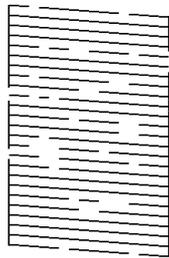
It may take some time to start printing the nozzle check pattern.

- Check the printed pattern to see if the print head nozzles are clogged.

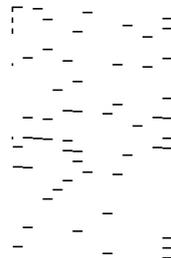
A) OK



B) NG



C) NG



A:

All lines are printed. No further steps are needed.

B or close to B

Some nozzles are clogged. Hold the  button down for five seconds until the power light starts flashing. Print head cleaning starts.

Note:

It may take some time to start print head cleaning.

C or close to C

If most lines are missing or not printed, this indicates most nozzles are clogged. Run Power Cleaning. For details, see "Related information" below.

- When the power light stops flashing, print a nozzle check pattern again. Repeat cleaning and printing the pattern until all lines are printed completely.

 **Important:**

If print quality has not improved after repeating nozzle check and head cleaning 3 times, wait for at least 12 hours without printing, and then run the nozzle check again and repeat the head cleaning if necessary. We recommend turning off the printer by using the  button. If print quality has still not improved, run Power Cleaning.

Note:

You can also check and clean the print head from the printer driver. See the related information link below for details.

Related Information

- ➔ [“Making Operation Settings for the Windows Printer Driver” on page 127](#)
- ➔ [“Guide to Mac OS Printer Driver” on page 128](#)
- ➔ [“Running Power Cleaning” on page 66](#)

Running Power Cleaning

The **Power Cleaning** utility allows you to replace all of the ink inside the ink tubes. In the following situations, you may need to use this feature to improve the print quality.

- You printed or performed head cleaning when the ink levels were too low to be seen in the ink tank windows.
- You performed the nozzle check and head cleaning several times and then waited for at least 12 hours without printing, but print quality still did not improve.

Before running this feature, read the following instructions.

 **Important:**

Make sure that there is enough ink in the ink tanks.

Visually check all ink tanks are at least a third full. Low ink levels during Power Cleaning could damage the product.

 **Important:**

An interval of 12 hours is required between each Power Cleaning.

Normally, a single Power Cleaning should resolve the print quality issue within 12 hours. Therefore, to avoid unnecessary ink usage, you must wait 12 hours before you try it again.

 **Important:**

This feature effects the service life of the ink pads. The ink pads reach their capacity earlier by running this feature. If the ink pads have reached the end of their service life, contact Epson Support to request replacement.

Note:

When the ink levels are insufficient for Power Cleaning, you cannot run this feature. Even in this case, the levels for printing may remain.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 64](#)

Running Power Cleaning (Windows)

1. Access the printer driver window.
2. Click **Power Cleaning** on the **Maintenance** tab.
3. Follow the on-screen instructions.

Running Power Cleaning (Mac OS)

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**) and then select the printer.
2. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
3. Click **Power Cleaning**.
4. Follow the on-screen instructions.

Preventing nozzle clogging

Always use the power button when turning the printer on and off.

Check that the power light is off before you disconnect the power cord.

The ink itself can dry out if it is not covered. Just like placing a cap on a fountain pen or an oil pen to prevent it from drying, make sure the print head is capped properly to prevent the ink from drying.

When the power cord is unplugged or a power outage occurs while the printer is in operation, the print head may not be capped properly. If the print head is left as it is, it will dry out causing nozzles (ink outlets) to clog.

In these cases, turn the printer on and off again as soon as possible to cap the print head.

Aligning the Print Head

If you notice a misalignment of vertical lines or blurred images, align the print head.

Aligning the Print Head - Windows

1. Load A4-size plain paper in the printer.
2. Access the printer driver window.
3. Click **Print Head Alignment** on the **Maintenance** tab.
4. Follow the on-screen instructions.

Aligning the Print Head - Mac OS

1. Load A4-size plain paper in the printer.
2. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer.
3. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
4. Click **Print Head Alignment**.
5. Follow the on-screen instructions.

Cleaning the Paper Path for Ink Smears

When the printouts are smeared or scuffed, clean the roller inside.



Important:

Do not use tissue paper to clean the inside of the printer. The print head nozzles may be clogged with lint.

1. Make sure there is no dust or stains on the scanner glass and the document cover.
2. Load A4-size plain paper in the printer.
3. Start copying without placing the original.

Note:

Repeat this procedure until the paper is not smeared with ink.

Cleaning the Scanner Glass

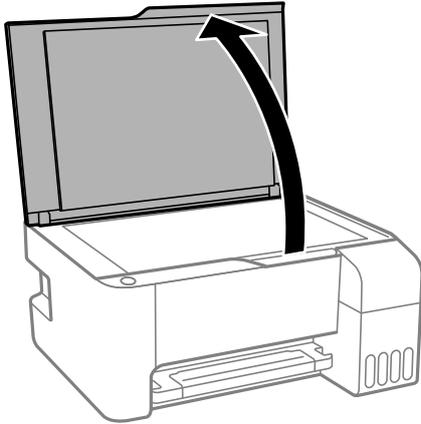
When the copies or scanned images are smeared, clean the scanner glass.



Important:

Never use alcohol or thinner to clean the printer. These chemicals can damage the printer.

1. Open the document cover.



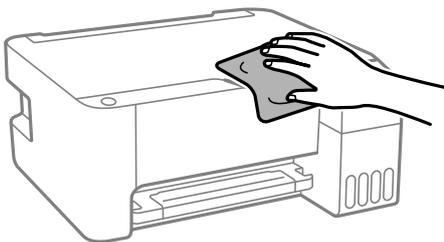
2. Use a soft, dry, clean cloth to clean the surface of the scanner glass.

! **Important:**

- If the glass surface is stained with grease or some other hard-to-remove material, use a small amount of glass cleaner and a soft cloth to remove it. Wipe off all remaining liquid.*
- Do not press the glass surface too hard.*
- Be careful not to scratch or damage the surface of the glass. A damaged glass surface can decrease the scan quality.*

Cleaning the Printer

If the components and the case are dirty or dusty, turn off the printer and clean them using a soft, clean cloth that has been dampened with water. If you cannot remove the dirt, try adding a small amount of mild detergent to the damp cloth.



! **Important:**

- Be careful not to get water onto the printer mechanism or any electrical components. Otherwise, the printer could be damaged.*
- Never use alcohol or paint thinner to clean the components and the case. These chemicals can damage them.*

Cleaning Spilled Ink

If ink has been spilled, clean it up in the following ways.

- If ink adheres to the area around the tank, wipe it off using a napless, clean cloth or cotton swab.
- If ink spills on the desk or floor, wipe it off immediately. When ink is dried, it will be difficult to remove the smear. To prevent the smear from spreading, blot the ink with a dry cloth, and then wipe it with a moist cloth.
- If ink gets on your hands, wash them with water and soap.

Checking the Total Number of Pages Fed Through the Printer

You can check the total number of pages fed through the printer. The information is printed together with the nozzle check pattern.

1. Load A4-size plain paper in the printer.
2. Press the  button to turn off the printer.
3. Turn the printer on while holding the  button down, and then release the buttons when the power light flashes.

Note:

You can also check the total number of pages fed from the printer driver. See the related information link below for details.

Related Information

- ➔ [“Making Operation Settings for the Windows Printer Driver” on page 127](#)
- ➔ [“Guide to Mac OS Printer Driver” on page 128](#)

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.

Depending on the location of purchase, the printer may have a feature that turns it off automatically if it is not connected for 30 minutes.

Saving Power - Windows

1. Access the printer driver window.
2. Click **Printer and Option Information** on the **Maintenance** tab.

3. Do one of the following.

Note:

Your product may have the **Power Off Timer** feature or **Power Off If Disconnected** and **Power Off If Disconnected** features depending on the location of purchase.

- Select the time period before the printer enters sleep mode as the **Sleep Timer** setting, and click **Send**. To make the printer turn off automatically, select the time period as the **Power Off Timer** setting, and click **Send**.
- Select the time period before the printer enters sleep mode as the **Sleep Timer** setting, and click **Send**. To make the printer turn off automatically, select the time period in the **Power Off If Inactive** or **Power Off If Disconnected** setting, and then click **Send**.

4. Click **OK**.

Saving Power - Mac OS

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.
2. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
3. Click **Printer Settings**.
4. Do one of the following.

Note:

Your product may have the **Power Off Timer** feature or **Power Off If Inactive** and **Power Off If Disconnected** features depending on the location of purchase.

- Select the time period before the printer enters sleep mode as the **Sleep Timer** setting, and click **Apply**. To make the printer turn off automatically, select the time period as the **Power Off Timer** setting, and click **Apply**.
- Select the time period before the printer enters sleep mode as the **Sleep Timer** setting, and click **Apply**. To make the printer turn off automatically, select the time period in the **Power Off If Inactive** or **Power Off If Disconnected** setting, and then click **Apply**.

Installing or Uninstalling Applications Separately

Connect your computer to the network and install the latest version of applications from the website. Log in to your computer as an administrator. Enter the administrator password if the computer prompts you.

Installing the Applications Separately

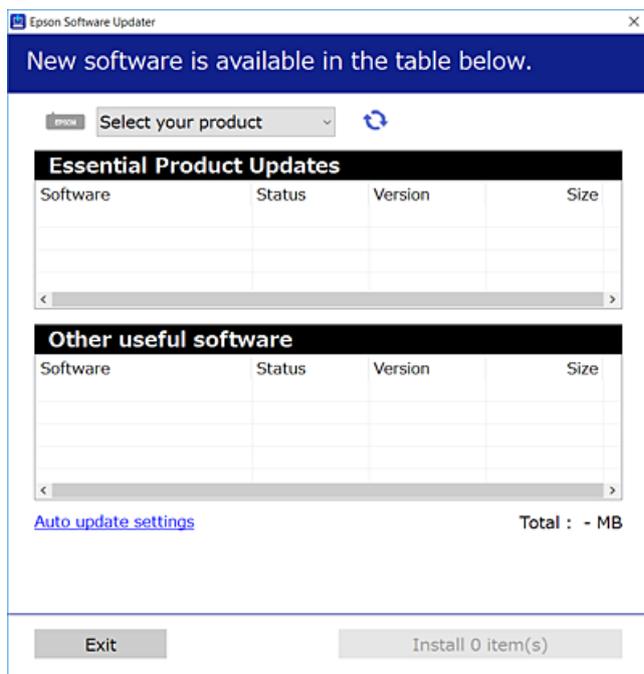
Note:

When reinstalling an application, you need to uninstall it first.

1. Make sure the printer and the computer are available for communication, and the printer is connected to the Internet.

2. Start EPSON Software Updater.

The screenshot is an example on Windows.



3. For Windows, select your printer, and then click  to check for the latest available applications.
4. Select the items you want to install or update, and then click the install button.

Important:

Do not turn off or unplug the printer until the update is complete. Doing so may result in malfunction of the printer.

Note:

- You can download the latest applications from the Epson website.
<http://www.epson.com>
- If you use Windows Server operating systems, you cannot use Epson Software Updater. Download the latest applications from the Epson website.

Related Information

➔ [“Uninstalling Applications” on page 74](#)

Checking if a genuine Epson printer driver is installed - Windows

You can check if a genuine Epson printer driver is installed on your computer by using one of the following methods.

Select **Control Panel > View devices and printers (Printers, Printers and Faxes)**, and then do the following to open the print server properties window.

- ❑ Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2

Click the printer icon, and then click **Print server properties** at the top of the window.

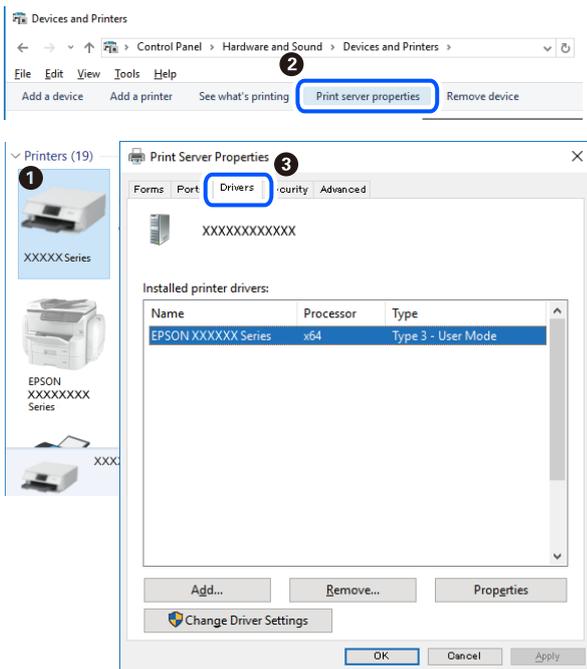
- ❑ Windows Vista/Windows Server 2008

Right-click on the **Printers** folder, and then click **Run as administrator > Server Properties**.

- ❑ Windows XP/Windows Server 2003 R2/Windows Server 2003

From the **File** menu, select **Server Properties**.

Click the **Driver** tab. If your printer name is displayed in the list, a genuine Epson printer driver is installed on your computer.



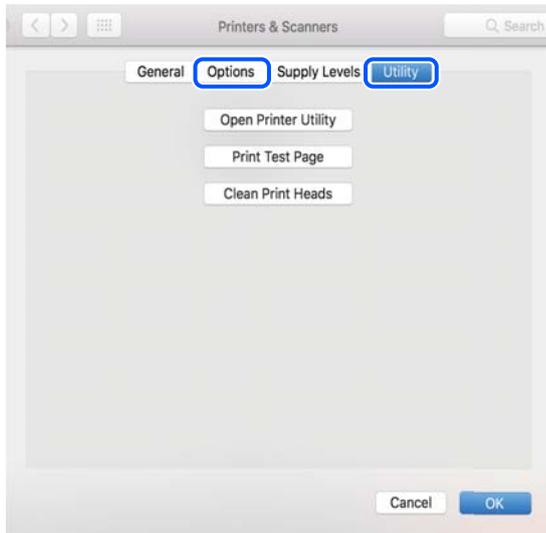
Related Information

➔ [“Installing the Applications Separately” on page 71](#)

Checking if a genuine Epson printer driver is installed - Mac OS

You can check if a genuine Epson printer driver is installed on your computer by using one of the following methods.

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies**, and if the **Options** tab and **Utility** tab are displayed on the window, a genuine Epson printer driver is installed on your computer.



Related Information

➔ [“Installing the Applications Separately”](#) on page 71

Adding the Printer (for Mac OS Only)

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**).
2. Click +, and then select **Add Other Printer or Scanner**.
3. Select your printer, and then select your printer from the **Use**.
4. Click **Add**.

Note:

If your printer is not listed, check that it is correctly connected to the computer and that the printer is on.

Uninstalling Applications

Log in to your computer as an administrator. Enter the administrator password if the computer prompts you.

Uninstalling Applications - Windows

1. Press the  button to turn off the printer.
2. Quit all running applications.

3. Open **Control Panel**:

- Windows 10/Windows Server 2019/Windows Server 2016

Click on the start button, and then select **Windows System > Control Panel**.

- Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012

Select **Desktop > Settings > Control Panel**.

- Windows 7/Windows Vista/Windows XP/Windows Server 2008 R2/Windows Server 2008/Windows Server 2003 R2/Windows Server 2003

Click the start button and select **Control Panel**.

4. Open **Uninstall a program** (or **Add or Remove Programs**):

- Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2/Windows Server 2008

Select **Uninstall a program** in **Programs**.

- Windows XP/Windows Server 2003 R2/Windows Server 2003

Click **Add or Remove Programs**.

5. Select the application you want to uninstall.

You cannot uninstall the printer driver if there is any print jobs. Delete or wait to be printed the jobs before uninstalling.

6. Uninstall the applications:

- Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2/Windows Server 2008

Click **Uninstall/Change** or **Uninstall**.

- Windows XP/Windows Server 2003 R2/Windows Server 2003

Click **Change/Remove** or **Remove**.

Note:

If the **User Account Control** window is displayed, click **Continue**.

7. Follow the on-screen instructions.

Uninstalling Applications - Mac OS

1. Download the Uninstaller using EPSON Software Updater.

Once you have downloaded the Uninstaller, you do not need to download it again each time you uninstall the application.

2. Press the  button to turn off the printer.

3. To uninstall the printer driver, select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then remove the printer from the enabled printers list.

4. Quit all running applications.

5. Select **Go > Applications > Epson Software > Uninstaller**.

6. Select the application you want to uninstall, and then click **Uninstall**.

 **Important:**

The Uninstaller removes all drivers for Epson inkjet printers on the computer. If you use multiple Epson inkjet printers and you only want to delete some drivers, delete all of them first, and then install the necessary printer driver again.

Note:

*If you cannot find the application you want to uninstall in the application list, you cannot uninstall using the Uninstaller. In this situation, select **Go > Applications > Epson Software**, select the application you want to uninstall, and then drag it to the trash icon.*

Updating Applications and Firmware

You may be able to clear certain problems and improve or add functions by updating the applications and the firmware. Make sure you use the latest version of the applications and firmware.

1. Make sure that the printer and the computer are connected, and the computer is connected to the internet.
2. Start EPSON Software Updater, and update the applications or the firmware.

 **Important:**

Do not turn off the computer or the printer until the update is complete; otherwise, the printer may malfunction.

Note:

If you cannot find the application you want to update in the list, you cannot update using the EPSON Software Updater. Check for the latest versions of the applications from your local Epson website.

<http://www.epson.com>

Transporting and Storing the Printer

When you need to store the printer or transport it when moving or for repairs, follow the steps below to pack the printer.

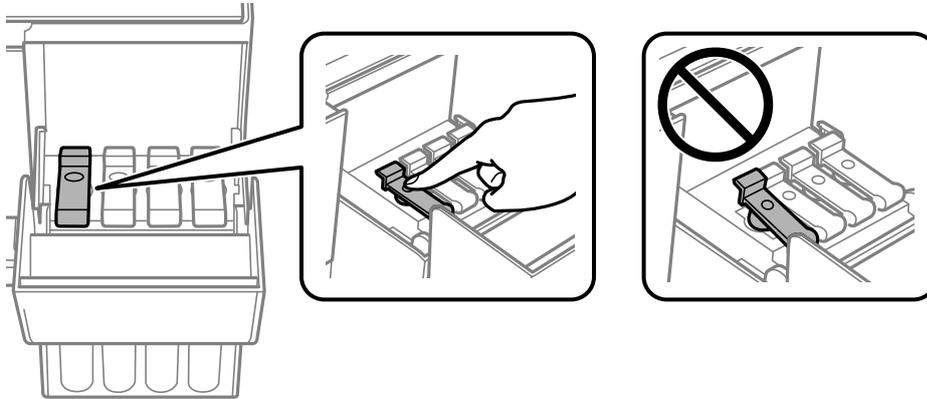
1. Turn off the printer by pressing the  button.
2. Make sure the power light turns off, and then unplug the power cord.

 **Important:**

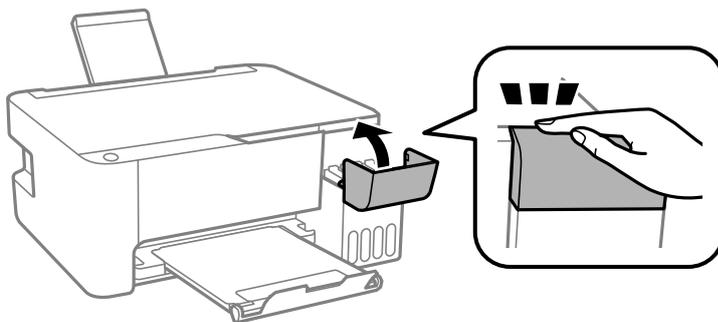
Unplug the power cord when the power light is off. Otherwise, the print head does not return to the home position causing the ink to dry, and printing may become impossible.

3. Disconnect all cables such as the power cord and USB cable.
4. Remove all of the paper from the printer.

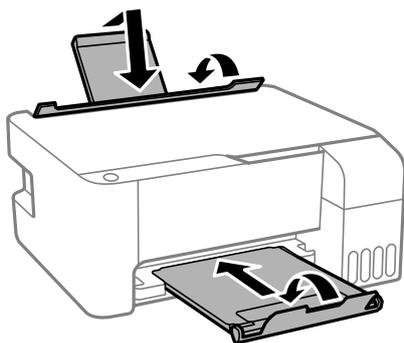
5. Make sure there are no originals on the printer.
6. Make sure to install the cap onto the ink tank securely.



7. Close the ink tank cover securely.

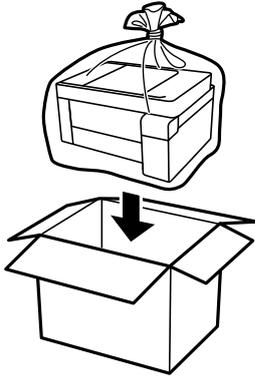


8. Prepare to pack the printer as shown below.



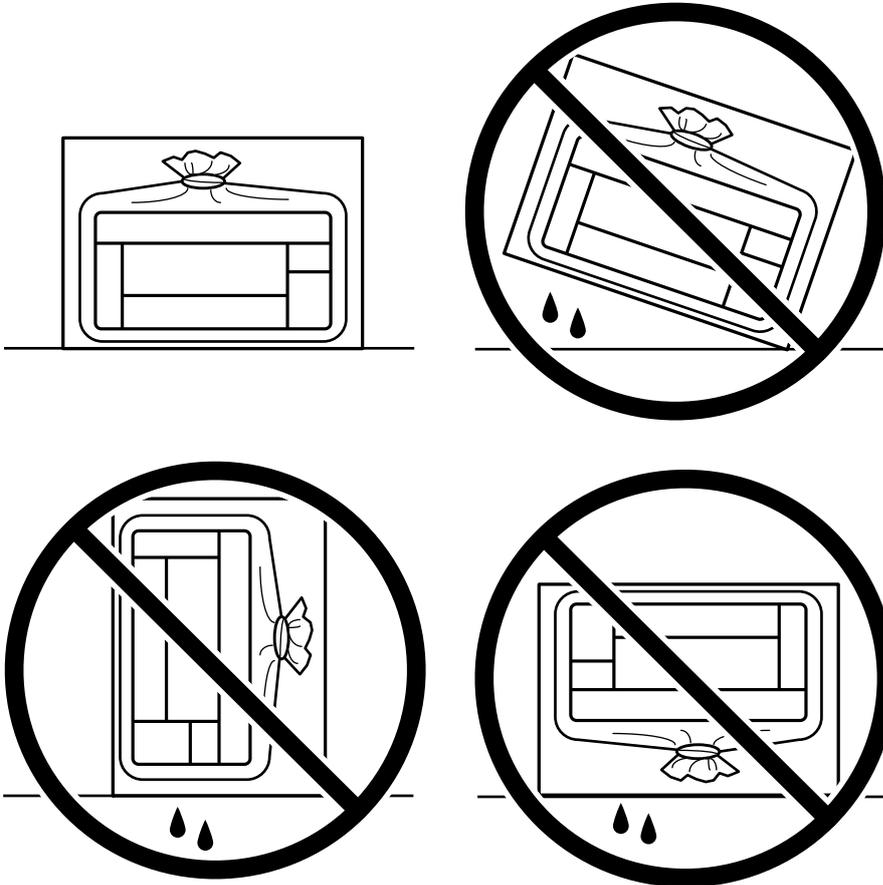
9. Place the printer in the plastic bag and fold it closed.

10. Pack the printer in its box using the protective materials.



! *Important:*

- ❑ *When storing or transporting the printer, place the printer in the plastic bag and fold it closed. Avoid tilting the printer, placing it vertically, or turning it upside down; otherwise ink may leak.*



- ❑ *When storing or transporting an ink bottle, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take precautions to prevent ink from leaking when transporting the bottle, for example, putting the bottle in a bag.*
- ❑ *Do not put opened ink bottles in the box with printer.*



If print quality has declined the next time you print, clean and align the print head.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 64](#)
- ➔ [“Aligning the Print Head” on page 67](#)

Solving Problems

The Printer Does Not Work as Expected.	82
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Paper Gets Jammed.	96
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The Printer Does Not Work as Expected

The Printer Does Not Turn On or Off

Power Does Not Turn On

The following causes can be considered.

■ The power cord is not plugged in properly to the electrical outlet.

Solutions

Make sure the power cord is securely plugged in.

■ The button was not pressed for long enough.

Solutions

Hold down the  button for a little longer.

Power Does Not Turn Off

■ The button was not pressed for long enough.

Solutions

Hold down the  button for a little longer. If you still cannot turn off the printer, unplug the power cord. To prevent the print head from drying out, turn the printer back on and turn it off by pressing the  button.

Power Turns Off Automatically

■ The Power Off Timer feature or Power Off If Inactive and Power Off If Disconnected feature is enabled.

Solutions

Windows

Click **Printer and Option Information** on the printer driver's **Maintenance** tab.

Disable the **Power Off If Inactive** and **Power Off If Disconnected** settings.

Disable the **Power Off Timer** setting.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**, and then click **Printer Settings**.

Disable the **Power Off If Inactive** and **Power Off If Disconnected** settings.

Disable the **Power Off Timer** setting.

Note:

Your product may have the **Power Off Timer** feature or **Power Off If Inactive** and **Power Off If Disconnected** features depending on the location of purchase.

Paper Does Not Feed Properly

No Paper Feeds

The following causes can be considered.

■ The installation location is inappropriate.

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 133](#)

■ Unsupported paper is being used.

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 122](#)

➔ [“Unavailable Paper Types” on page 124](#)

■ Paper handling is inappropriate.

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 21](#)

■ Too many sheets are loaded in the printer.

Solutions

Do not load more than the maximum number of sheets specified for the paper. For plain paper, do not load above the line indicated by the triangle symbol on the edge guide.

➔ [“Available Paper and Capacities” on page 122](#)

Paper Feeds at a Slant

The following causes can be considered.

■ The installation location is inappropriate.

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 133](#)

■ **Unsupported paper is being used.**

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 122](#)

➔ [“Unavailable Paper Types” on page 124](#)

■ **Paper handling is inappropriate.**

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 21](#)

■ **The paper is loaded incorrectly.**

Solutions

Load paper in the correct direction, and slide the edge guide against the edge of the paper.

➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)

■ **Too many sheets are loaded in the printer.**

Solutions

Do not load more than the maximum number of sheets specified for the paper. For plain paper, do not load above the line indicated by the triangle symbol on the edge guide.

➔ [“Available Paper and Capacities” on page 122](#)

Several Sheets of Paper are Fed at a Time

The following causes can be considered.

■ **The installation location is inappropriate.**

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 133](#)

■ **Unsupported paper is being used.**

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 122](#)

➔ [“Unavailable Paper Types” on page 124](#)

■ **Paper handling is inappropriate.**

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 21](#)

■ **The paper is moist or damp.**

Solutions

Load new paper.

■ **Static electricity is causing sheets of paper to stick to each other.**

Solutions

Fan the paper before loading. If the paper still does not feed, load one sheet of paper at a time.

■ **Too many sheets are loaded in the printer.**

Solutions

Do not load more than the maximum number of sheets specified for the paper. For plain paper, do not load above the line indicated by the triangle symbol on the edge guide.

➔ [“Available Paper and Capacities” on page 122](#)

■ **Multiple sheets of paper are loaded.**

Solutions

Load one sheet of paper at a time.

■ **Multiple sheets of paper feed at the same time during manual 2-sided printing.**

Solutions

Remove any paper that is loaded in the paper source before you reload the paper.

Paper Out Error Occurs

■ **Paper is not loaded in the center of the rear paper feeder.**

Solutions

When a paper out error occurs although paper is loaded in the rear paper feeder, reload paper in the center of the rear paper feeder.

Cannot Print

Cannot Print from Windows

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

Use Epson Printer Connection Checker to check the connection status for the computer and the printer. You may be able to solve the problem depending on the results of the check.

1. Double-click the **Epson Printer Connection Checker** icon on the desktop.

Epson Printer Connection Checker starts.

If there is no icon on the desktop, follow the methods below to start Epson Printer Connection Checker.

- Windows 10

Click the start button, and then select **Epson Software > Epson Printer Connection Checker**.

- Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- Windows 7

Click the start button, and then select **All Programs > Epson Software > Epson Printer Connection Checker**.

2. Follow the on-screen instructions to check.

Note:

If the printer name is not displayed, install a genuine Epson printer driver.

[“Checking if a genuine Epson printer driver is installed - Windows” on page 72](#)

When you have identified the problem, follow the solution displayed on the screen.

When you cannot solve the problem, check the following according to your situation.

- The printer is not recognized using a USB connection

[“The Printer Cannot Connect by USB \(Windows\)” on page 86](#)

- The printer is recognized, but printing cannot be performed.

[“Cannot Print Even Though a Connection has been Established \(Windows\)” on page 87](#)

The Printer Cannot Connect by USB (Windows)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Print Even Though a Connection has been Established (Windows)

The following causes can be considered.

There is a problem with the software or data.

Solutions

- Make sure that a genuine Epson printer driver (EPSON XXXXX) is installed. If a genuine Epson printer driver is not installed, the available functions are limited. We recommend using a genuine Epson printer driver.
 - If you are printing a large data size image, the computer may run out of memory. Print the image at a lower resolution or a smaller size.
 - If you have tried all of the solutions and have not solved the problem, try uninstalling and then reinstalling the printer driver.
 - You may be able to clear the problem by updating the software to the latest version. To check the software status, use the software update tool.
- ➔ [“Checking if a genuine Epson printer driver is installed - Windows” on page 72](#)
- ➔ [“Checking if a genuine Epson printer driver is installed - Mac OS” on page 73](#)
- ➔ [“Installing or Uninstalling Applications Separately” on page 71](#)
- ➔ [“Updating Applications and Firmware” on page 76](#)

There is a problem with the printer's status.

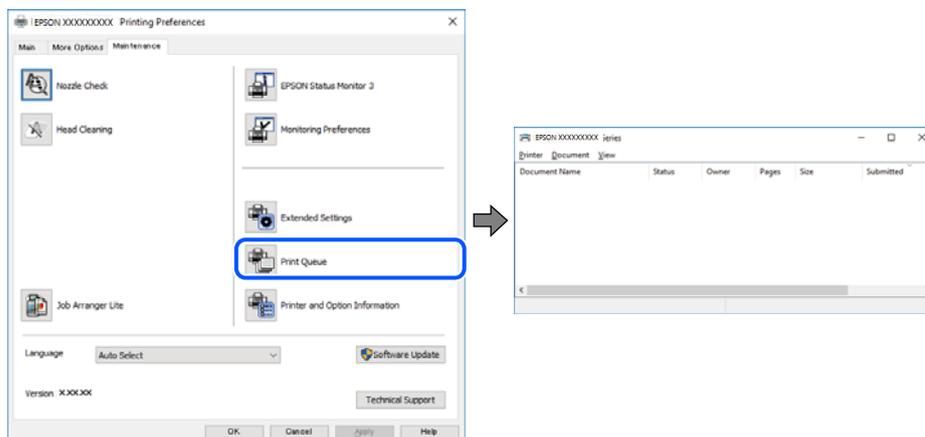
Solutions

Click **EPSON Status Monitor 3** on the printer driver's **Maintenance** tab, and then check the printer status. If **EPSON Status Monitor 3** is disabled, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.

There is still a job waiting to be printed.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab. If unnecessary data remains, select **Cancel all documents** from the **Printer** menu.

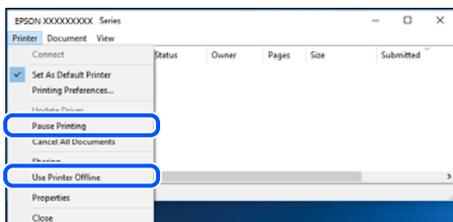


The printer is pending or offline.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

If the printer is offline or pending, clear the offline or pending setting from the **Printer** menu.



The printer is not selected as the default printer.

Solutions

Right-click the printer icon in **Control Panel > View devices and printers** (or **Printers, Printers and Faxes**) and click **Set as default printer**.

Note:

If there are multiple printer icons, see the following to select the correct printer.

Example)

USB connection: EPSON XXXX Series

If you install the printer driver multiple times, copies of the printer driver may be created. If copies such as "EPSON XXXX Series (copy 1)" are created, right-click the copied driver icon, and then click **Remove Device**.

The printer port is not set correctly.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

Make sure the printer port is set correctly as shown below in **Property > Port** from the **Printer** menu.

USB connection: **USBXXX**

Cannot Print from Mac OS

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

Use EPSON Status Monitor to check the connection status for the computer and the printer.

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer.
2. Click **Options & Supplies > Utility > Open Printer Utility**.

3. Click **EPSON Status Monitor**.

When the remaining ink levels are displayed, a connection has been successfully established between the computer and the printer.

Check the following if a connection has not been established.

- The printer is not recognized using a USB connection
[“The Printer Cannot Connect by USB \(Mac OS\)” on page 89](#)

Check the following if a connection has been established.

- The printer is recognized, but printing cannot be performed.
[“Cannot Print Even Though a Connection has been Established \(Mac OS\)” on page 89](#)

The Printer Cannot Connect by USB (Mac OS)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Print Even Though a Connection has been Established (Mac OS)

The following causes can be considered.

■ There is a problem with the software or data.

Solutions

- Make sure that a genuine Epson printer driver (EPSON XXXXX) is installed. If a genuine Epson printer driver is not installed, the available functions are limited. We recommend using a genuine Epson printer driver.
- If you are printing a large data size image, the computer may run out of memory. Print the image at a lower resolution or a smaller size.
- If you have tried all of the solutions and have not solved the problem, try uninstalling and then reinstalling the printer driver.
- You may be able to clear the problem by updating the software to the latest version. To check the software status, use the software update tool.

➔ [“Checking if a genuine Epson printer driver is installed - Windows” on page 72](#)

- ➔ [“Checking if a genuine Epson printer driver is installed - Mac OS” on page 73](#)
- ➔ [“Installing or Uninstalling Applications Separately” on page 71](#)
- ➔ [“Updating Applications and Firmware” on page 76](#)

■ **There is a problem with the status of the printer.**

Solutions

Make sure the printer status is not **Pause**.

Select **System Preferences** from the **Apple** menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then double-click the printer. If the printer is paused, click **Resume**.

■ **User feature restrictions are enabled for the printer.**

Solutions

The printer may not print when the user feature restriction is enabled. Contact your printer administrator.

The Print Settings Menu is Not Displayed.

The following causes can be considered.

■ **The Epson Printer Driver has Not been Installed Correctly**

Solutions

If the **Print Settings** menu is not displayed on macOS Catalina (10.15) or later, macOS High Sierra (10.13), macOS Sierra (10.12), OS X El Capitan (10.11), OS X Yosemite (10.10), OS X Mavericks (10.9), OS X Mountain Lion (10.8), the Epson printer driver has not been installed correctly. Enable it from the following menu.

Select **System Preferences** from the **Apple** menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), remove the printer, and then add the printer again. See the following to add a printer.

[“Adding the Printer \(for Mac OS Only\)” on page 74](#)

macOS Mojave (10.14) cannot access **Print Settings** in applications made by Apple such as TextEdit.

Cannot Start Scanning

Cannot Start Scanning from Windows

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

Use Epson Printer Connection Checker to check the connection status for the computer and the printer. You may be able to solve the problem depending on the results of the check.

1. Double-click the **Epson Printer Connection Checker** icon on the desktop.
Epson Printer Connection Checker starts.
If there is no icon on the desktop, follow the methods below to start Epson Printer Connection Checker.
 - Windows 10
Click the start button, and then select **Epson Software > Epson Printer Connection Checker**.
 - Windows 8.1/Windows 8
Enter the application name in the search charm, and then select the displayed icon.
 - Windows 7
Click the start button, and then select **All Programs > Epson Software > Epson Printer Connection Checker**.
2. Follow the on-screen instructions to check.

Note:

If the printer name is not displayed, install a genuine Epson printer driver.

[“Checking if a genuine Epson printer driver is installed - Windows” on page 72](#)

When you have identified the problem, follow the solution displayed on the screen.

When you cannot solve the problem, check the following according to your situation.

- The printer is not recognized using a USB connection
[“The Printer Cannot Connect by USB \(Windows\)” on page 86](#)

The Printer Cannot Connect by USB (Windows)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Start Scanning from Mac OS

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

Use EPSON Status Monitor to check the connection status for the computer and the printer.

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer.
2. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
3. Click **EPSON Status Monitor**.

When the remaining ink levels are displayed, a connection has been successfully established between the computer and the printer.

Check the following if a connection has not been established.

- The printer is not recognized using a USB connection
[“The Printer Cannot Connect by USB \(Mac OS\)” on page 89](#)

The Printer Cannot Connect by USB (Mac OS)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Operate the Printer as Expected

Operations are Slow

Printing Is Too Slow

The following causes can be considered.

■ Unnecessary applications are running.

Solutions

Close any unnecessary applications on your computer or smart device.

■ The print quality is set to high.

Solutions

Lower the quality setting.

■ Bidirectional printing is disabled.

Solutions

Enable the bidirectional (or high speed) setting. When this setting is enabled, the print head prints while moving in both directions, and the printing speed increases.

Windows

Select **Bidirectional Printing** on the printer driver's **More Options** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **On** as the **Bidirectional Printing** setting.

■ Quiet Mode is enabled.

Solutions

Disable **Quiet Mode**. The printing speed slows down when the printer is running in **Quiet Mode**.

Windows

Select **Off** as the **Quiet Mode** setting on the printer driver's **Main** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Quiet Mode** setting.

Printing Slows Down Dramatically During Continuous Printing

■ The function that prevents the printer mechanism from overheating and being damaged is operating.

Solutions

You can continue printing. To return to normal printing speed, leave the printer idle for at least 30 minutes. Printing speed does not return to normal if the power is off.

Scanning Speed Is Slow

■ Scanning at a high resolution.

Solutions

Try scanning at a lower resolution.

Operation Sounds Are Loud

Quiet Mode is disabled.

Solutions

If operations sounds are too loud, enable **Quiet Mode**. Enabling this feature may reduce printing speed.

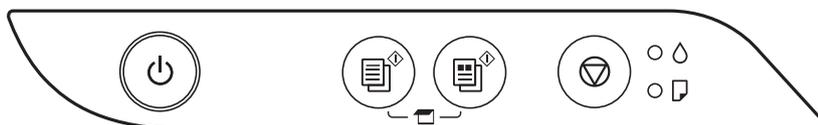
- Windows printer driver

Enable **Quiet Mode** on the **Main** tab.

- Mac OS printer driver

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **On** as the **Quiet Mode** setting.

Checking Lights and Printer Status

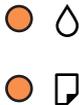
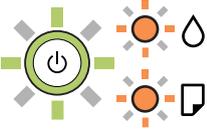


When an error occurs, the light turns on or flashes. Details of the error are displayed on the computer screen.

: On

: Flashing

Light	Situation	Solutions
	Initial ink charging may not be complete.	See the <i>Start Here</i> poster to complete initial ink charging.
	No paper is loaded or more than one sheet has been fed at a time.	Load paper and press the or button.
	A paper jam has occurred.	<p>Remove the paper and press the or button.</p> <p>If the paper jam error continues after removing the paper and turning the power off and on again, paper may remain inside the printer. Load A4 size paper in the rear paper feeder, and then press the or button to remove the paper inside. Load paper in the portrait direction.</p> <p>If the error cannot be cleared, contact Epson support.</p>

Light	Situation	Solutions
	<p>When the power is on or flashing</p> <ul style="list-style-type: none"> ❑ The printer was not turned off correctly.* ❑ Because the printer was turned off while operating, the nozzles may have dried and clogged. <p>* The power was turned off with a power strip or breaker, the plug was pulled out of the outlet, or an electrical failure occurred.</p>	<ul style="list-style-type: none"> ❑ After clearing the error by pressing the  or  button, we recommend performing a nozzle check. Cancel any pending print jobs. ❑ To turn off the printer, make sure you press the  button.
	<p>When the power is off</p> <p>The printer has started in recovery mode because the firmware update failed.</p>	<p>Follow the steps below to try to update the firmware again.</p> <ol style="list-style-type: none"> 1. Connect the computer and the printer with a USB cable. 2. Visit your local Epson website for further instructions.
	<p>When the  light and the  light flash simultaneously</p> <p>An ink pad is nearing or at the end of its service life.</p>	<p>The ink pads need to be replaced.</p> <p>Contact Epson or an authorised Epson service provider to replace the ink pad ^{*1}. It is not a user-serviceable part.</p> <p>When a message saying that you can continue printing is displayed on the computer, press the  or  button to continue printing. The lights stop flashing for the time being, however, they will continue to flash at regular intervals until the ink pad is replaced.</p>
	<p>When the  light and the  light flash alternately</p> <p>A borderless printing ink pad is nearing or at the end of its service life.</p>	<p>The borderless printing ink pad need to be replaced.</p> <p>Contact Epson or an authorised Epson service provider to replace the ink pad ^{*2}. It is not a user-serviceable part.</p> <p>When a message saying that you can continue printing is displayed on the computer, press the  or  button to continue printing. The lights stop flashing for the time being, however, they will continue to flash at regular intervals until the ink pad is replaced.</p> <p>Borderless printing is not available, but printing with a border is available.</p>
	<p>A printer error has occurred.</p>	<p>Remove any paper inside the printer. Turn the power off and on again.</p> <p>If the error continues to occur after turning the power off and on again, contact Epson support.</p>

*1 In some print cycles a very small amount of surplus ink may be collected in the ink pad. To prevent ink leakage from the pad, the printer is designed to stop printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the printer performs. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad

requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

*2 In some print cycles a very small amount of surplus ink may be collected in the borderless printing ink pad. To prevent ink leakage from the pad, the product is designed to stop borderless printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print using the borderless print option. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

Related Information

- ➔ [“Removing Jammed Paper” on page 96](#)
- ➔ [“Contacting Epson Support” on page 137](#)

Paper Gets Jammed

Check the error displayed on the control panel and follow the instructions to remove the jammed paper including any torn pieces. Next, clear the error.

! *Important:*

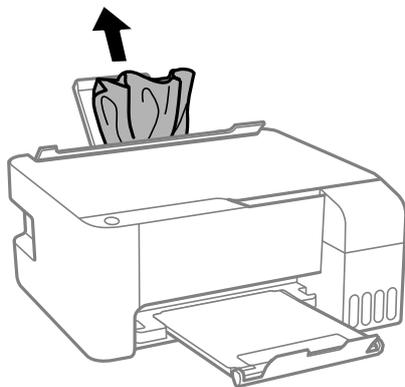
- Remove the jammed paper carefully. Removing the paper vigorously may cause damage to the printer.*
- When removing jammed paper, avoid tilting the printer, placing it vertically, or turning it upside down; otherwise ink may leak.*

Removing Jammed Paper

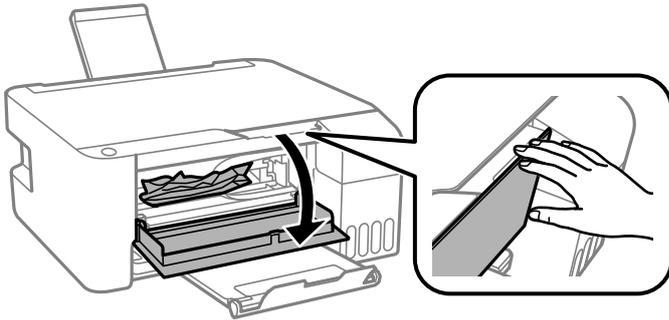
! *Caution:*

Never touch the buttons on the control panel while your hand is inside the printer. If the printer starts operating, it could cause an injury. Be careful not to touch the protruding parts to avoid injury.

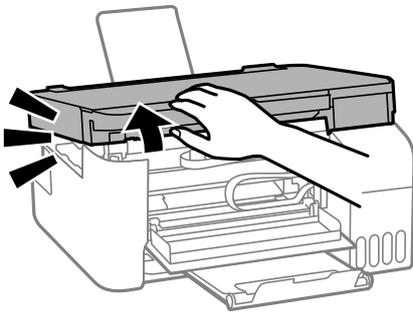
1. Remove the jammed paper.



2. Open the front cover.

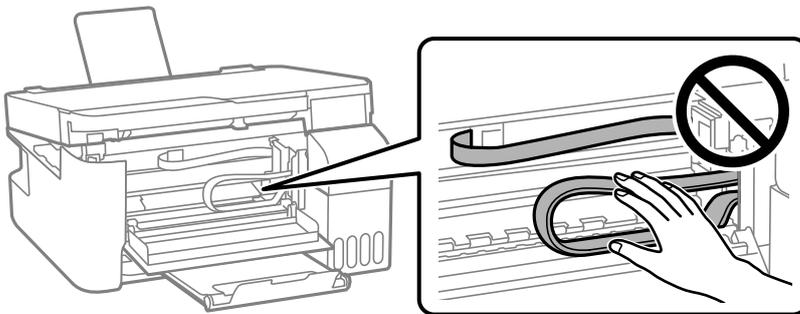


3. Open the scanner unit until it clicks.

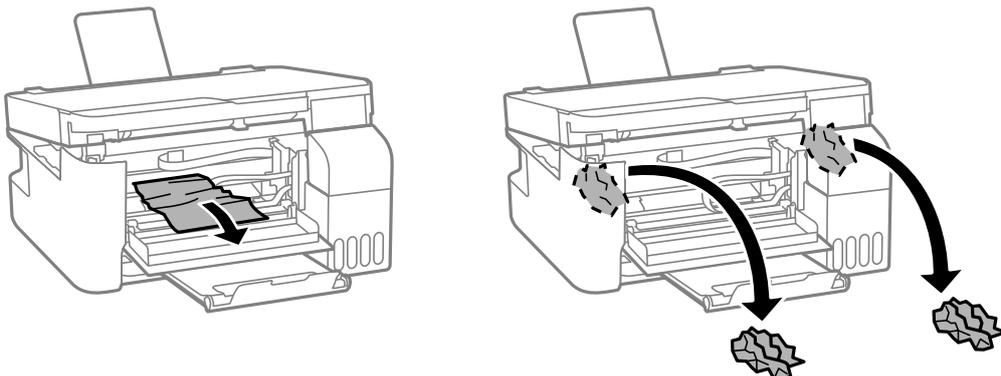


! *Important:*

Do not touch the parts shown in the illustration inside the printer. Doing so may cause a malfunction.

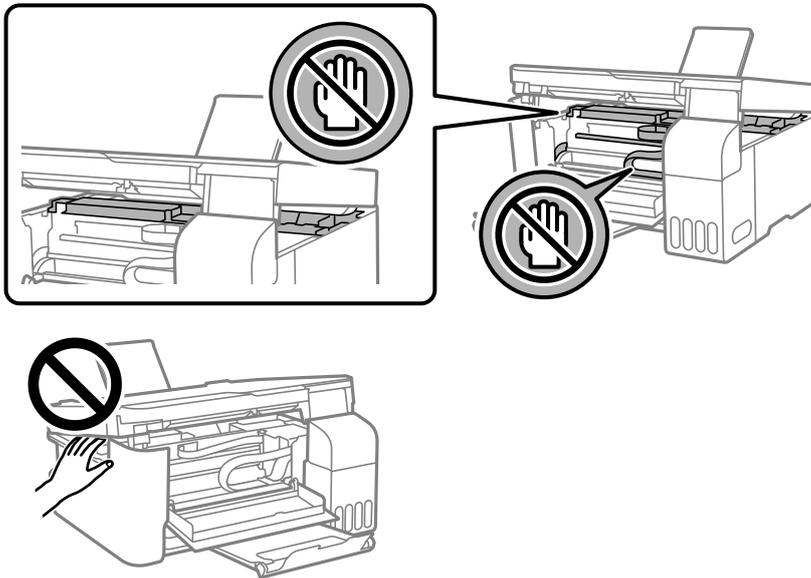


4. Remove the jammed paper.



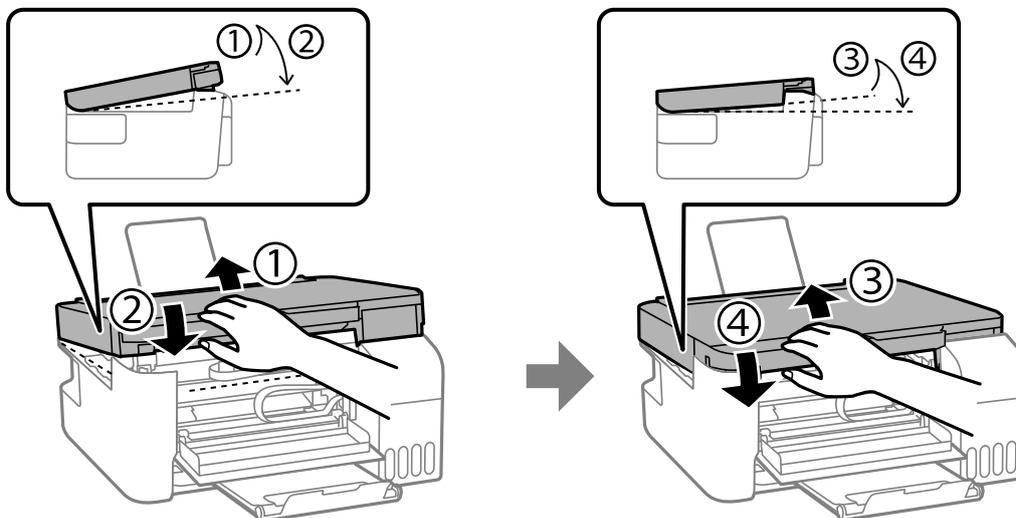
! *Important:*

Do not touch the parts shown in the illustration inside the printer. Doing so may cause a malfunction.



- 5. Close the scanner unit.

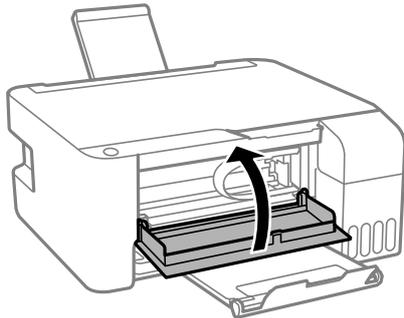
For safety, the scanner unit is closed in two steps.



Note:

The scanner unit must be closed completely before it can be opened again.

6. Close the front cover.



Preventing Paper Jams

Check the following if paper jams occur frequently.

- Place the printer on a flat surface and operate in the recommended environmental conditions.
“Environmental Specifications” on page 133
- Use the paper supported by this printer.
“Available Paper and Capacities” on page 122
- Follow paper handling precautions.
“Paper Handling Precautions” on page 21
- Load paper in the correct direction, and slide the edge guide against the edge of the paper.
“Loading Paper in the Rear Paper Feeder” on page 22
- Do not load more than the maximum number of sheets specified for paper.
- Load one sheet of paper at a time if you have loaded several sheets of paper.

It is Time to Refill the Ink

Ink Bottle Handling Precautions

Read the following instructions before refilling ink.

Storing precautions for ink

- Keep the ink bottles out of direct sunlight.
- Do not store the ink bottles in high or freezing temperatures.
- Epson recommends using the ink bottle before the date printed on the package.
- When storing or transporting an ink bottle, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take precautions to prevent ink from leaking when transporting the bottle, for example, putting the bottle in a bag.
- After bringing an ink bottle inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.

- ❑ Do not open the ink bottle package until you are ready to fill the ink tank. The ink bottle is vacuum packed to maintain its reliability. If you leave an ink bottle unpacked for a long time before using it, normal printing may not be possible.
- ❑ Once you open an ink bottle, we recommend using it as soon as possible.

Handling precautions for refilling ink

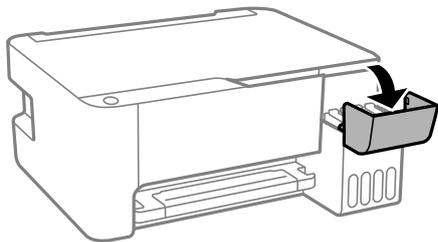
- ❑ For optimum print results do not maintain low ink levels for extended periods of time.
- ❑ Use ink bottles with the correct part code for this printer.
- ❑ The ink for this printer must be handled carefully. Ink may splatter when the ink tanks are being filled or refilled with ink. If ink gets on your clothes or belongings, it may not come off.
- ❑ Do not shake too vigorously or squeeze the ink bottles.
- ❑ If the ink tank is not filled up to the lower line, refill the ink soon. Prolonged use of the printer when the ink level is below the lower line could damage the printer.

Ink consumption

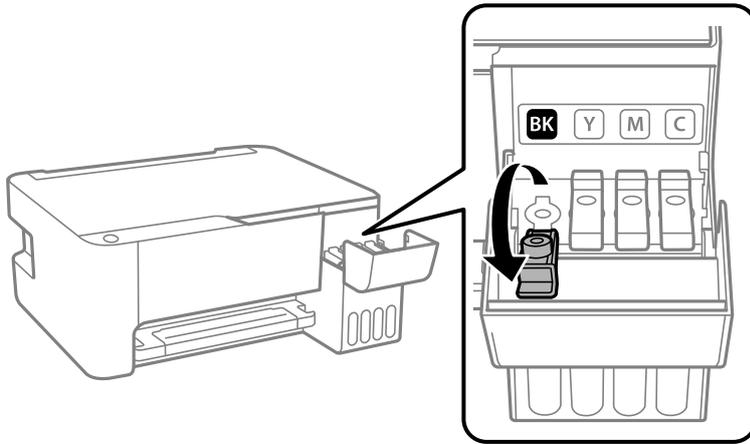
- ❑ To maintain optimum print head performance, some ink is consumed from all ink tanks during maintenance operations such as print head cleaning. Ink may also be consumed when you turn the printer on.
- ❑ When printing in monochrome or grayscale, color inks instead of black ink may be used depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.
- ❑ The ink in the ink bottles supplied with your printer is 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 bottles may print fewer pages compared to subsequent ink bottles.
- ❑ Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.

Refilling the Ink Tanks

1. Open the ink tank cover.



2. Open the ink tank cap.



! **Important:**

Make sure that the color of the ink tank matches the ink color that you want to refill.

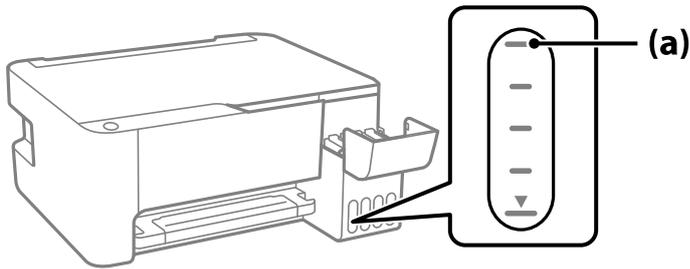
3. While holding the ink bottle upright, turn the cap slowly to remove it.



! **Important:**

- Epson recommends the use of genuine Epson ink bottles.*
- Be careful not to spill any ink.*

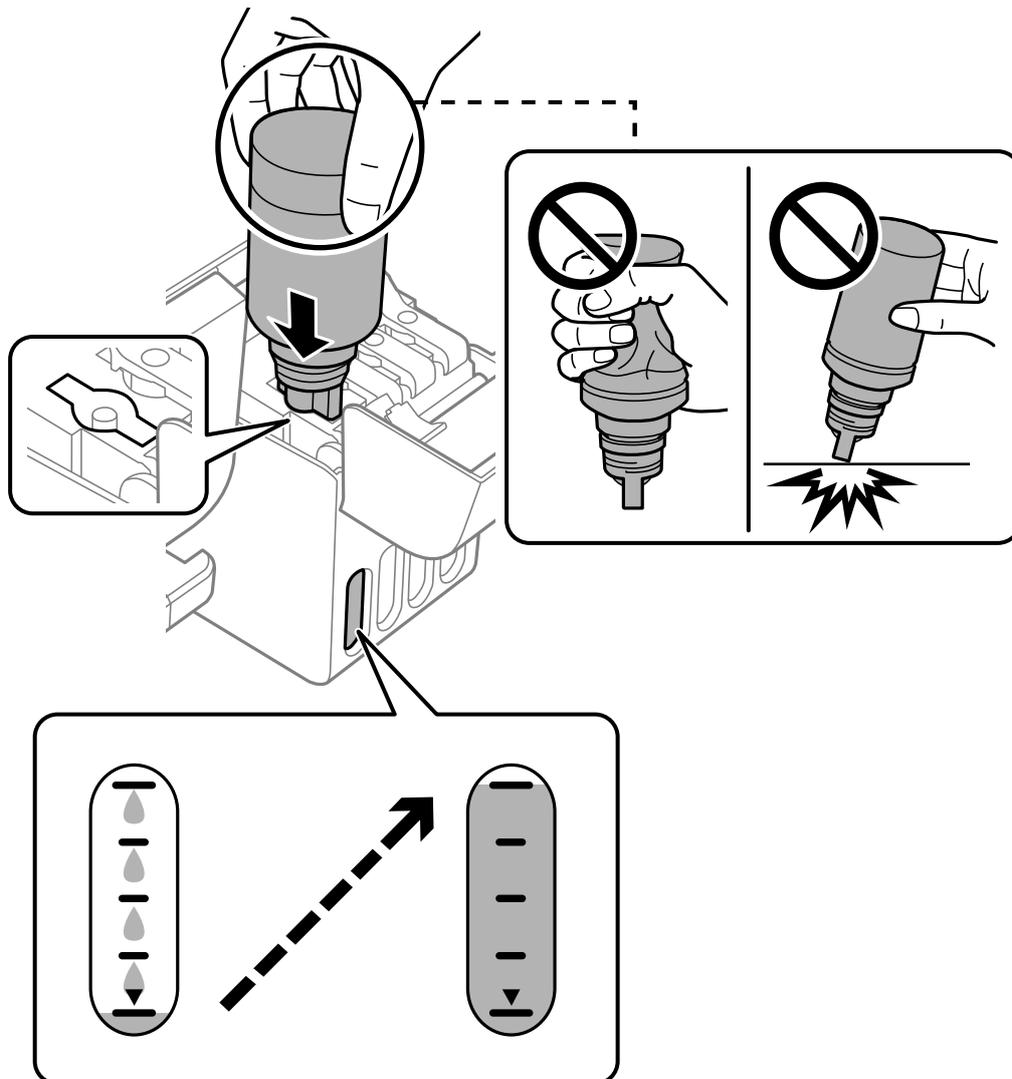
4. Check the upper line (a) in the ink tank.



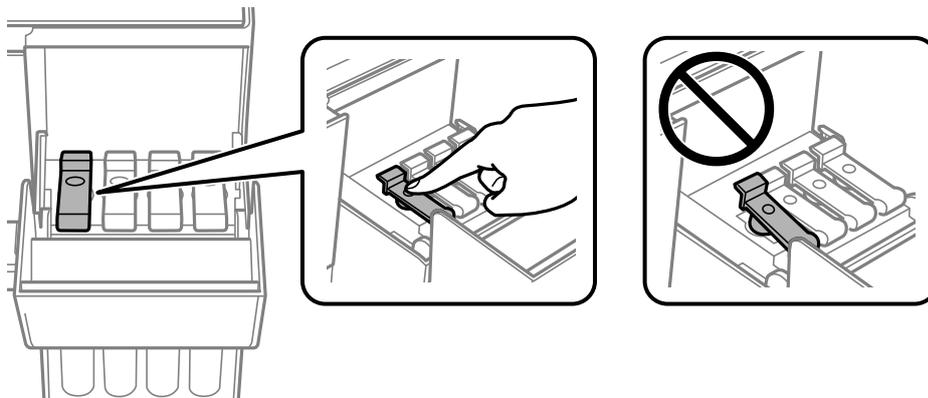
5. Align the top of the ink bottle with the filling port, and then insert it straight into the port to fill ink until it stops automatically at the upper line.

When you insert the ink bottle into the filling port for the correct color, ink starts pouring and the flow stops automatically when the ink reaches the upper line.

If the ink does not start flowing into the tank, remove the ink bottle and reinsert it. However, do not remove and reinsert the ink bottle when the ink has reached the upper line; otherwise ink may leak.



6. When you have finished refilling the ink, remove the ink bottle, and then close the ink tank cap securely.



! *Important:*

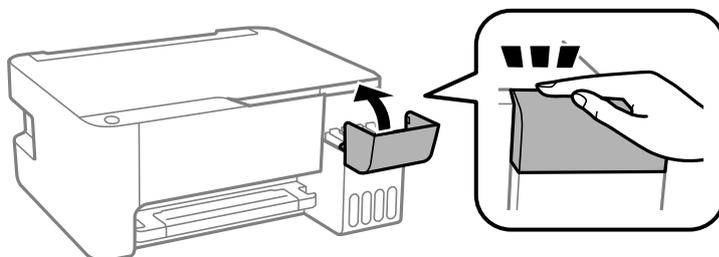
Do not leave the ink bottle inserted; otherwise the bottle may be damaged or ink may leak.

Note:

If any ink remains in the ink bottle, tighten the cap and store the bottle upright for later use.



7. Close the ink tank cover firmly.



Related Information

- ➔ [“Ink Bottle Codes” on page 125](#)
- ➔ [“Ink Bottle Handling Precautions” on page 99](#)
- ➔ [“Cleaning Spilled ink” on page 70](#)

Printing, Copying, and Scanning Quality is Poor

Print Quality is Poor

Color Missing, Banding, or Unexpected Colors Appear in Printout

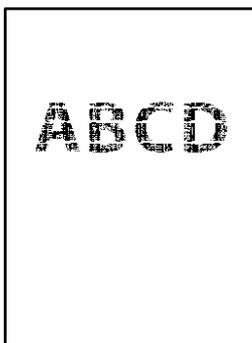


■ The print head nozzles may be clogged.

Solutions

- ❑ Perform a nozzle check to see if the print head nozzles are clogged. Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.
 - ❑ If you printed when the ink levels were too low to be seen in the ink tank windows, refill the ink tanks to the upper lines and then use the **Power Cleaning** utility to replace the ink inside the ink tubes. After you use the utility, perform a nozzle check to see if print quality has improved.
- ➔ [“Checking and Cleaning the Print Head” on page 64](#)
- ➔ [“Running Power Cleaning” on page 66](#)

Print Quality is Poor with Black Ink



■ The print head nozzles may be clogged.

Solutions

- ❑ Perform a nozzle check to see if the print head nozzles are clogged. Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.
- [“Checking and Cleaning the Print Head” on page 64](#)

- If you cannot solve the problem using head cleaning, you can print immediately with a mixture of color inks to create composite black by changing the following settings in Windows.

Click **Extended Settings** on the printer driver's **Maintenance** tab. If you select **Use a Mixture of Color Inks to Create Black**, you can print at **Standard** print quality when the **Paper Type** is **Plain paper** or **Envelope**.

Note that this feature cannot solve nozzle clogging. To solve nozzle clogging, we recommend contacting Epson support for repairs.

Colored Banding Appears at Intervals of Approximately 2.5 cm



The following causes can be considered.

■ The paper type setting does not match the paper loaded.

Solutions

Select the appropriate paper type setting for the type of paper loaded in the printer.

➔ [“List of Paper Type” on page 21](#)

■ The print quality is set to low.

Solutions

When printing on plain paper, print using a higher quality setting.

- Windows

Select **High** from **Quality** on the printer driver's **Main** tab.

- Mac OS

Select **Fine** as **Print Quality** from the print dialog's **Print Settings** menu.

■ The print head position is out of alignment.

Solutions

Align the print head.

- Windows

Click **Print Head Alignment** on the printer driver's **Maintenance** tab.

- Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**, and then click **Print Head Alignment**.

Blurry Prints, Vertical Banding, or Misalignment



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The following causes can be considered.

■ The print head position is out of alignment.

Solutions

Align the print head.

Windows

Click **Print Head Alignment** on the printer driver's **Maintenance** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**, and then click **Print Head Alignment**.

■ The bidirectional printing setting is enabled.

Solutions

If print quality does not improve even after aligning the print head, disable the bidirectional setting.

During bidirectional (or high speed) printing, the print head prints while moving in both directions, and vertical lines may be misaligned. Disabling this setting may slow down printing speed but improve print quality.

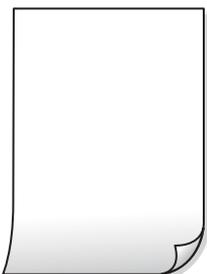
Windows

Clear **Bidirectional Printing** on the printer driver's **More Options** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Bidirectional Printing** setting.

Printout Comes Out as a Blank Sheet



■ The print head nozzles may be clogged.

Solutions

Perform the nozzle check, and then try Power Cleaning if the print head nozzles are clogged.

➔ [“Checking and Cleaning the Print Head” on page 64](#)

■ Multiple sheets of paper are fed into the printer at the same time.

Solutions

See the following to prevent multiple sheets of paper being fed into the printer at the same time.

➔ [“Several Sheets of Paper are Fed at a Time” on page 84](#)

Paper Is Smeared or Scuffed



The following causes can be considered.

■ Paper is loaded incorrectly.

Solutions

When horizontal banding (perpendicular to the printing direction) appears, or the top or bottom of the paper is smeared, load paper in the correct direction and slide the edge guides to the edges of the paper.

➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)

■ The paper path is smeared.

Solutions

When vertical banding (horizontal to the printing direction) appears, or the paper is smeared, clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 68](#)

■ The paper is curled.

Solutions

Place the paper on a flat surface to check if it is curled. If it is, flatten it.

■ The print head is rubbing the surface of the paper.

Solutions

When printing on thick paper, the print head is close to the printing surface and the paper may be scuffed. In this case, enable the reduce scuff setting. If you enable this setting, print quality may decline or printing may slow down.

Windows

Click **Extended Settings** on the printer driver's **Maintenance** tab, and then select **Short Grain Paper**.

■ **The back of the paper was printed before the side that had already been printed was dry.**

Solutions

When performing manual 2-sided printing, make sure that the ink is completely dry before reloading the paper.

Printed Photos are Sticky



■ **The print was made on the wrong side of the photo paper.**

Solutions

Make sure you are printing on the printable side. When printing on the wrong side of the photo paper, you need to clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 68](#)

Images or Photos are Printed in Unexpected Colors



The following causes can be considered.

■ **The print head nozzles may be clogged.**

Solutions

Perform a nozzle check to see if the print head nozzles are clogged. Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.

■ **Color correction has been applied.**

Solutions

When printing from the Windows printer driver, the Epson auto photo adjustment setting is applied by default depending on the paper type. Try change the setting.

On the **More Options** tab, select **Custom** in **Color Correction**, and then click **Advanced**. Change the **Scene Correction** setting from **Automatic** to any other option. If changing the setting does not work, use any color correction method other than **PhotoEnhance** in **Color Management**.

➔ [“Adjusting the Print Color” on page 46](#)

Cannot Print Without Margins



Borderless is not set in the print settings.

Solutions

Make borderless setting in the print settings. If you select a paper type that does not support borderless printing, you cannot select **Borderless**. Select a paper type that supports borderless printing.

Windows

Select **Borderless** on the printer driver's **Main** tab.

Mac OS

Select a borderless paper size from **Paper Size**.

➔ [“Paper for Borderless Printing” on page 124](#)

Edges of the Image are Cropped During Borderless Printing



Because the image is slightly enlarged, the protruding area is cropped.

Solutions

Select a smaller enlargement setting.

Windows

Click **Settings** next to the **Borderless** checkbox on the printer driver's **Main** tab, and then change the settings.

Mac OS

Change the **Expansion** setting from the print dialog's **Print Settings** menu.

The computer has been manually put into the Hibernate mode or the Sleep mode while printing.

Solutions

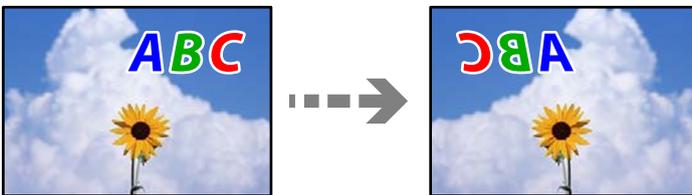
Do not put the computer manually into the **Hibernate** mode or the **Sleep** mode while printing. Pages of garbled text may be printed next time you start the computer.

You are using the printer driver for a different printer.

Solutions

Make sure that the printer driver you are using is for this printer. Check the printer name on the top of the printer driver window.

The Printed Image Is Inverted



The image is set to invert horizontally in the print settings.

Solutions

Clear any mirror image settings in the printer driver or the application.

Windows

Clear **Mirror Image** on the printer driver's **More Options** tab.

Mac OS

Clear **Mirror Image** from the print dialog's **Print Settings** menu.

Mosaic-Like Patterns in the Prints



Images or photos with a low resolution were printed.

Solutions

When printing images or photos, print using high-resolution data. Images on web sites are often low resolution although they look good enough on the display, and so print quality may decline.

Copy Quality is Poor

Color Missing, Banding, or Unexpected Colors Appear in Copies



■ The print head nozzles may be clogged.

Solutions

- ❑ Perform a nozzle check to see if the print head nozzles are clogged. Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.
- ❑ If you printed when the ink levels were too low to be seen in the ink tank windows, refill the ink tanks to the upper lines and then use the **Power Cleaning** utility to replace the ink inside the ink tubes. After you use the utility, perform a nozzle check to see if print quality has improved.

➔ [“Checking and Cleaning the Print Head” on page 64](#)

➔ [“Running Power Cleaning” on page 66](#)

■ You have made a copy in draft mode.

Solutions

If you press the  and the  or  buttons simultaneously, the printer copies in draft mode.

Simply press the the  or  button on their own.

Note:

For users in Western Europe, the draft mode is not available.

Colored Banding Appears at Intervals of Approximately 2.5 cm



The following causes can be considered.

■ The paper type setting does not match the paper loaded.

Solutions

Select the appropriate paper type setting for the type of paper loaded in the printer.

➔ [“List of Paper Type” on page 21](#)

■ The print head position is out of alignment.

Solutions

Align the print head.

Windows

Click **Print Head Alignment** on the printer driver's **Maintenance** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**, and then click **Print Head Alignment**.

Blurry Copies, Vertical Banding, or Misalignment



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The following causes can be considered.

■ The print head position is out of alignment.

Solutions

Align the print head.

Windows

Click **Print Head Alignment** on the printer driver's **Maintenance** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**, and then click **Print Head Alignment**.

■ The bidirectional printing setting is enabled.

Solutions

If print quality does not improve even after aligning the print head, disable the bidirectional setting.

During bidirectional (or high speed) printing, the print head prints while moving in both directions, and vertical lines may be misaligned. Disabling this setting may slow down printing speed but improve print quality.

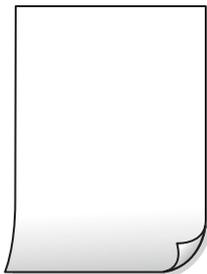
Windows

Clear **Bidirectional Printing** on the printer driver's **More Options** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Bidirectional Printing** setting.

Printout Comes Out as a Blank Sheet



■ The print head nozzles may be clogged.

Solutions

Perform the nozzle check, and then try Power Cleaning if the print head nozzles are clogged.

➔ [“Checking and Cleaning the Print Head” on page 64](#)

■ Multiple sheets of paper are fed into the printer at the same time.

Solutions

See the following to prevent multiple sheets of paper being fed into the printer at the same time.

➔ [“Several Sheets of Paper are Fed at a Time” on page 84](#)

Paper Is Smearred or Scuffed



The following causes can be considered.

■ Paper is loaded incorrectly.

Solutions

When horizontal banding (perpendicular to the printing direction) appears, or the top or bottom of the paper is smeared, load paper in the correct direction and slide the edge guides to the edges of the paper.

➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)

■ The paper path is smeared.

Solutions

When vertical banding (horizontal to the printing direction) appears, or the paper is smeared, clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 68](#)

■ The paper is curled.

Solutions

Place the paper on a flat surface to check if it is curled. If it is, flatten it.

The Position, Size, or Margins of the Copies are Incorrect



The following causes can be considered.

■ The paper is loaded incorrectly.

Solutions

Load paper in the correct direction, and slide the edge guide against the edge of the paper.

➔ [“Loading Paper in the Rear Paper Feeder” on page 22](#)

■ The size of the paper is set incorrectly.

Solutions

Select the appropriate paper size setting.

■ The originals are not placed correctly.

Solutions

- Make sure the original is placed correctly against the alignment marks.
- If the edge of the scanned image is missing, move the original slightly away from the edge of the scanner glass. You cannot scan the area within approximately 1.5 mm (0.06 in.) from the edge of the scanner glass.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

Uneven Colors, Smears, Dots, or Straight Lines Appear in the Copied Image



The following causes can be considered.

■ **The paper path is dirty.**

Solutions

Load and eject paper without printing to clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 68](#)

■ **There is dust or dirt on the originals or the scanner glass.**

Solutions

Remove any dust or dirt that adheres to the originals, and clean the scanner glass.

➔ [“Cleaning the Scanner Glass” on page 68](#)

■ **The original was pressed with too much force.**

Solutions

If you press with too much force, blurring, smudges, and spots may occur.

Do not press with too much force on the original or the document cover.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

Moiré (Cross-Hatch) Patterns Appear in the Copied Image

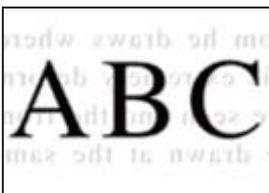


■ **If the original is a printed document such as a magazine or a catalog, a dotted moiré pattern appears.**

Solutions

Change the reduce and enlarge setting. If a moiré pattern still appears, place the original at a slightly different angle.

An Image of the Reverse Side of the Original Appears in the Copied Image



The following causes can be considered.

■ **When scanning thin originals, images on the back may be scanned at the same time.**

Solutions

Place the original on the scanner glass and then place a piece of black paper over it.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

Scanned Image Problems

Uneven Colors, Dirt, Spots, and so on Appear when Scanning from the Scanner Glass



■ **There is dust or dirt on the originals or the scanner glass.**

Solutions

Remove any dust or dirt that adheres to the originals, and clean the scanner glass.

➔ [“Cleaning the Scanner Glass” on page 68](#)

■ **The original was pressed with too much force.**

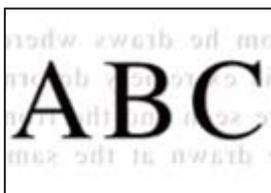
Solutions

If you press with too much force, blurring, smudges, and spots may occur.

Do not press with too much force on the original or the document cover.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

Offset Appears in the Background of Scanned Images



■ **When scanning thin originals, images on the back may be scanned at the same time.**

Solutions

When scanning from the scanner glass, place black paper or a desk pad over the original.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

Cannot Scan the Correct Area on the Scanner Glass



The originals are not placed correctly.

Solutions

- Make sure the original is placed correctly against the alignment marks.
- If the edge of the scanned image is missing, move the original slightly away from the edge of the scanner glass. You cannot scan the area within approximately 1.5 mm (0.06 in.) from the edge of the scanner glass.

➔ [“Placing Originals on the Scanner Glass” on page 28](#)

There is dust or dirt on the scanner glass.

Solutions

Remove any trash or dirt from the scanner glass and document cover. If there is any trash or dirt around the original, the scanning range expands to include it.

When scanning multiple originals using Epson ScanSmart, there is not enough of a gap between the originals.

Solutions

When placing multiple originals on the scanner glass, make sure there is a gap of at least 20 mm (0.8 in.) between the originals.

Cannot Solve Problems in the Scanned Image

Check the following if you have tried all of the solutions and have not solved the problem.

There are problems with the scanning software settings.

Solutions

Use Epson Scan 2 Utility to initialize the settings for the scanner software.

Note:

Epson Scan 2 Utility is an application supplied with the scanner software.

1. Start the Epson Scan 2 Utility.

- Windows 10

Click the start button, and then select **EPSON > Epson Scan 2 Utility**.

- Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs** or **Programs > EPSON > Epson Scan 2 > Epson Scan 2 Utility**.

- Mac OS

Select **Go > Applications > Epson Software > Epson Scan 2 Utility**.

2. Select the **Other** tab.
3. Click **Reset**.

If initialization does not solve the problem, uninstall and re-install the scanner software.

➔ [“Installing or Uninstalling Applications Separately” on page 71](#)

Cannot Solve Problem

If you cannot solve the problem after trying all of the solutions, contact Epson support.

If you cannot solve printing or copying problems, see the following related information.

Related Information

➔ [“Cannot Solve Printing or Copying Problems” on page 119](#)

Cannot Solve Printing or Copying Problems

Try the following problems in order starting at the top until you solve the problem.

- Make sure you match the paper type loaded in the printer to the paper type settings in the printer driver.
- Use a higher quality setting on the printer driver.

- To check the actual ink remaining, visually check the ink levels in the printer's tanks. Refill the ink tanks if the ink levels are below the lower lines.

- Align the print head.

[“Aligning the Print Head” on page 67](#)

- Run a nozzle check to see if the print head nozzles are clogged.

If there are missing segments in the nozzle check pattern, the nozzles may be clogged. Repeat head cleaning and the nozzle check alternately 3 times and check if the clogging has cleared.

Note that print head cleaning uses some ink.

[“Checking and Cleaning the Print Head” on page 64](#)

- Turn off the printer, wait for at least 12 hours, and then check if the clogging has cleared.

If the problem is clogging, leaving the printer for a while without printing may solve the problem.

You can check the following items while the printer is off.

- Check that you are using genuine Epson ink bottles.

Try to use genuine Epson ink bottles. The use of non-genuine ink bottles may cause print quality to decline.

- Make sure that there are no paper fragments left inside the printer.

When you remove the paper, do not touch the translucent film with your hand or the paper.

- ❑ Check the paper.

Check if the paper is curled or loaded with the printable side facing up.

[“Paper Handling Precautions” on page 21](#)

[“Available Paper and Capacities” on page 122](#)

[“Unavailable Paper Types” on page 124](#)

- ❑ If you turn off the printer, wait for at least 12 hours, and if print quality has still not improved, run Power Cleaning.

[“Running Power Cleaning” on page 66](#)

If you cannot solve the problem by checking the solutions above, you may need to request repairs. Contact Epson support.

Related Information

- ➔ [“Before Contacting Epson” on page 137](#)
- ➔ [“Contacting Epson Support” on page 137](#)

Product Information

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Paper Information

Available Paper and Capacities

Genuine Epson Paper

Epson recommends using genuine Epson paper to ensure high-quality printouts.

Note:

- ❑ The availability of paper varies by location. For the latest information on paper available in your area, contact Epson support.
- ❑ See the following for information on available paper types for borderless and 2-sided printing.
 - [“Paper for Borderless Printing” on page 124](#)
 - [“Paper for 2-Sided Printing” on page 124](#)

Paper suitable for printing documents

Media Name	Size	Loading Capacity (Sheets)
Epson Bright White Ink Jet Paper	A4	Up to the line indicated by the triangle symbol on the edge guide.

Paper suitable for printing documents and photos

Media Name	Size	Loading Capacity (Sheets)
Epson Photo Quality Ink Jet Paper	A4	80
Epson Double-sided Photo Quality Ink Jet Paper	Letter, A4	80
Epson Matte Paper-Heavyweight	A4	20
Epson Double-Sided Matte Paper	A4	1

Paper suitable for printing photos

Media Name	Size	Loading Capacity (Sheets)
Epson Ultra Glossy Photo Paper	A4, 13x18 cm (5x7 in.), 10x15 cm (4x6 in.)	20*
Epson Premium Glossy Photo Paper	A4, 13x18 cm (5x7 in.), 16:9 wide size(102x181 mm), 10x15 cm (4x6 in.)	20*
Epson Premium Semigloss Photo Paper	A4, 13x18 cm (5x7 in.), 10x15 cm (4x6 in.)	20*

Media Name	Size	Loading Capacity (Sheets)
Epson Photo Paper Glossy	A4, 13x18 cm (5x7 in.), 10x15 cm (4x6 in.)	20*
Epson Value Glossy Photo Paper	A4, 10x15 cm (4x6 in.)	20*

* Load one sheet of paper at a time if the paper does not feed correctly or if the printout has uneven colors or smears.

Various other paper types

Media Name	Size	Loading Capacity (Sheets)
Epson Photo Quality Self Adhesive Sheets	A4	1

Commercially Available Paper

Note:

See the following for information on available paper types for borderless and 2-sided printing.

[“Paper for Borderless Printing” on page 124](#)

[“Paper for 2-Sided Printing” on page 124](#)

Plain papers

Plain paper includes copy paper.

Size	Loading Capacity (Sheets)
Letter, A4, B5, A5, A6, B6, 16K (195×270 mm)	Up to the line indicated by the triangle symbol on the edge guide.*1
Legal, 8.5×13 in., Indian-Legal	1
User Defined*2(mm) 54x86 to 215.9x1200	1

*1 Load one sheet of paper at a time if the paper does not feed correctly or if the printout has uneven colors or smears.

*2 Only printing from computer is available.

Envelope

Size	Loading Capacity (Envelopes)
Envelope #10, Envelope DL, Envelope C6	10

Paper for Borderless Printing

Genuine Epson Paper

- Epson Ultra Glossy Photo Paper (10x15 cm (4x6 in.))
- Epson Premium Glossy Photo Paper (10x15 cm (4x6 in.), 16:9 wide size(102x181 mm))
- Epson Premium Semigloss Photo Paper (10x15 cm (4x6 in.))
- Epson Photo Paper Glossy (10x15 cm (4x6 in.))
- Epson Value Glossy Photo Paper (10x15 cm (4x6 in.))

Related Information

➔ [“Available Paper and Capacities” on page 122](#)

Paper for 2-Sided Printing

Genuine Epson Paper

- Epson Bright White Ink Jet Paper
- Epson Double-sided Photo Quality Ink Jet Paper
- Epson Double-Sided Matte Paper

Related Information

➔ [“Available Paper and Capacities” on page 122](#)

Commercially Available Paper

- Plain paper, Copy paper

Related Information

➔ [“Available Paper and Capacities” on page 122](#)

Unavailable Paper Types

Do not use the following papers. Using these types of paper causes paper jams and smears on the printout.

- Papers that are wavy
- Papers that are torn or cut
- Papers that are folded
- Papers that are damp
- Papers that are too thick or too thin
- Papers that have stickers

Do not use the following envelopes. Using these types of envelope causes paper jams and smears on the printout.

- Envelopes that are curled or folded
- Envelopes with adhesive surfaces on the flaps or window envelopes
- Envelopes that are too thin

They may curl during printing.

Consumable Products Information

Ink Bottle Codes

Epson recommends the use of genuine Epson ink bottles.

The following are the codes for genuine Epson ink bottles.



Important:

- Epson warranty does not cover damage caused by inks other than those specified, including any genuine Epson ink not designed for this printer or any third party ink.
- Other products not manufactured by Epson may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.

Note:

- Ink bottle codes may vary by location. For the correct codes in your area, contact Epson support.
- Although the ink bottles may contain recycled materials, this does not affect printer function or performance.
- Specifications and appearance of the ink bottle are subject to change without prior notice for improvement.

For Europe

BK: Black	C: Cyan	M: Magenta	Y: Yellow
103	103	103	103

Note:

Visit the following website for information on Epson's ink bottle yields.

<http://www.epson.eu/pageyield>

For Asia

BK: Black	C: Cyan	M: Magenta	Y: Yellow
003	003	003	003

Software Information

This section introduces the software products available for your printer from the Epson website.

Software for Printing

Application for Printing from a Computer (Windows Printer Driver)

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Note:

*You can change the language of the printer driver. Select the language you want to use from the **Language** setting on the **Maintenance** tab.*

Accessing the printer driver from applications

To make settings that apply only to the application you are using, access from that application.

Select **Print** or **Print Setup** from the **File** menu. Select your printer, and then click **Preferences** or **Properties**.

Note:

Operations differ depending on the application. See the application's help for details.

Accessing the printer driver from the control panel

To make settings that apply to all of the applications, access from the control panel.

Windows 10/Windows Server 2019/Windows Server 2016

Click on the start button, and then select **Windows System > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**

Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012

Select **Desktop > Settings > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**

Windows 7/Windows Server 2008 R2

Click the start button, and select **Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

Windows Vista/Windows Server 2008

Click the start button, and select **Control Panel > Printers in Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

Windows XP/Windows Server 2003 R2/Windows Server 2003

Click the start button, and select **Control Panel > Printers and Other Hardware > Printers and Faxes**. Right-click on your printer and select **Printing preferences**.

Accessing the printer driver from the printer icon on the task bar

The printer icon on the desktop task bar is a shortcut icon allowing you to quickly access the printer driver.

If you click the printer icon and select **Printer Settings**, you can access the same printer settings window as the one displayed from the control panel. If you double-click this icon, you can check the status of the printer.

Note:

*If the printer icon is not displayed on the task bar, access the printer driver window, click **Monitoring Preferences** on the **Maintenance** tab, and then select **Register the shortcut icon to the taskbar**.*

Starting the utility

Access the printer driver window. Click the **Maintenance** tab.

Making Operation Settings for the Windows Printer Driver

You can make settings such as enabling **EPSON Status Monitor 3**.

1. Access the printer driver window.
2. Click **Extended Settings** on the **Maintenance** tab.
3. Make the appropriate settings, and then click **OK**.
See the online help for explanations of the setting items.

Related Information

➔ [“Application for Printing from a Computer \(Windows Printer Driver\)” on page 126](#)

Application for Printing from a Computer (Mac OS Printer Driver)

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Accessing the printer driver from applications

Click **Page Setup** or **Print** on the **File** menu of your application. If necessary, click **Show Details** (or ▼) to expand the print window.

Note:

*Depending on the application being used, **Page Setup** may not be displayed in the **File** menu, and the operations for displaying the print screen may differ. See the application's help for details.*

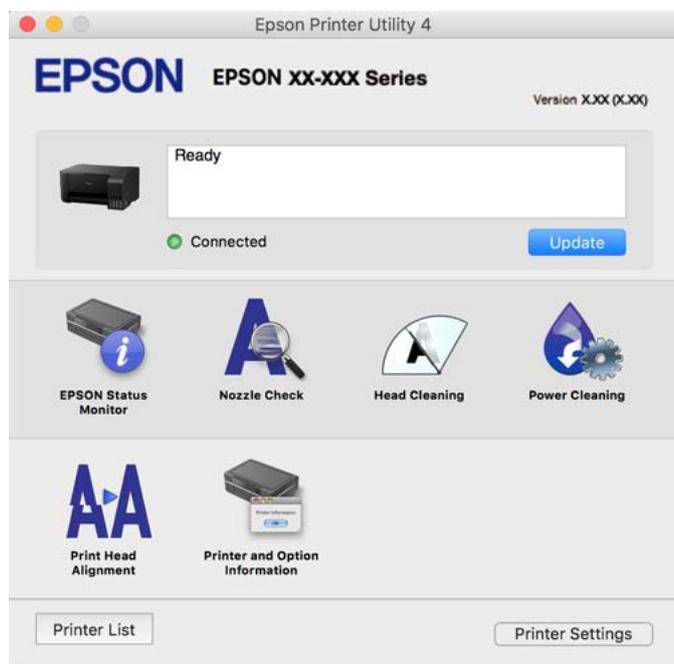
Starting the utility

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.

Guide to Mac OS Printer Driver

Epson Printer Utility

You can run a maintenance feature such as nozzle check and print head cleaning, and by starting **EPSON Status Monitor**, you can check printer status and error information.



Accessing the Operation Settings Window of the Mac OS Printer Driver

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**).

Application for Quick and Fun Printing from a Computer (Epson Photo+)

Epson Photo+ is an application that allows you to easily print images with a variety of layouts. You can also perform image correction and adjust the position while viewing a preview of your document. You can also brighten up your images by adding text and stamps wherever you like. When printing on genuine Epson photo paper, the ink performance is maximized creating a beautiful finish with excellent coloring.

See the application's help for details.

Note:

- Windows Server operating systems are not supported.
- To use this application the printer driver for this printer must be installed.

Starting on Windows

- Windows 10

Click the start button, and then select **Epson Software** > **Epson Photo+**.

- Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- ❑ Windows 7/Windows Vista/Windows XP

Click the start button, and select **All Programs** or **Programs > Epson Software > Epson Photo+**.

Starting on Mac OS

Select **Go > Applications > Epson Software > Epson Photo+**.

Related Information

➔ [“Installing the Applications Separately” on page 71](#)

Software for Scanning

Application for Scanning from a Computer (Epson ScanSmart)

This application allows you to scan documents and photos easily, and then save the scanned images in simple steps. See the Epson ScanSmart help for details on using the features.

Starting on Windows

- ❑ Windows 10

Click the start button, and then select **Epson Software > Epson ScanSmart**.

- ❑ Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- ❑ Windows 7

Click the start button, and then select **All Programs > Epson Software > Epson ScanSmart**.

Starting on Mac OS

Select **Go > Applications > Epson Software > Epson ScanSmart**.

Software for Package Creation

Application for Creating Driver Packages (EpsonNet SetupManager)

EpsonNet SetupManager is a software to create a package for a simple printer installation, such as installing the printer driver, installing EPSON Status Monitor and creating a printer port. This software allows the administrator to create unique software packages and distribute them among groups.

For more information, visit your regional Epson website.

<http://www.epson.com>

Software for Updating

Application for Updating Software and Firmware (EPSON Software Updater)

EPSON Software Updater is an application that installs new software, and updates firmware and manuals over the Internet. If you want to check for update information regularly, you can set the interval for checking for updates in EPSON Software Updater's Auto Update Settings.

Note:

Windows Server operating systems are not supported.

Starting on Windows

Windows 10

Click the start button, and then select **Epson Software > EPSON Software Updater**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs (or Programs) > Epson Software > EPSON Software Updater**.

Note:

You can also start EPSON Software Updater by clicking the printer icon on the task bar on the desktop, and then selecting Software Update.

Starting on Mac OS

Select **Go > Applications > Epson Software > EPSON Software Updater**.

Related Information

➔ [“Installing the Applications Separately” on page 71](#)

Product Specifications

Printer Specifications

Print Head Nozzle Placement		Black ink nozzles: 180 Color ink nozzles: 59 for each color
Weight of Paper*	Plain Paper	64 to 90 g/m ² (17 to 24lb)
	Envelopes	Envelope #10, DL, C6: 75 to 100 g/m ² (20 to 27 lb)

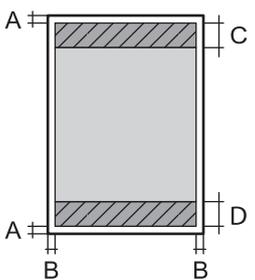
* Even when the paper thickness is within this range, the paper may not feed in the printer or the print quality may decline depending on the paper properties or quality.

Printable Area

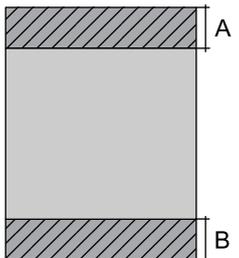
Printable Area for Single Sheets

Print quality may decline in the shaded areas due to the printer's mechanism.

Printing with borders

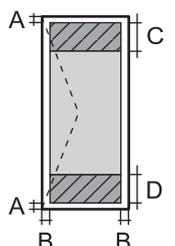
	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	41.0 mm (1.61 in.)
	D	37.0 mm (1.46 in.)

Borderless printing

	A	44.0 mm (1.73 in.)
	B	40.0 mm (1.57 in.)

Printable Area for Envelopes

Print quality may decline in the shaded areas due to the printer's mechanism.

	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	18.0 mm (0.71 in.)
	D	41.0 mm (1.61 in.)

Scanner Specifications

Scanner Type	Flatbed
Photoelectric Device	CIS
Maximum Document Size	216×297 mm (8.5×11.7 in.) A4, Letter

Resolution	600 dpi (main scan) 1200 dpi (sub scan)
Color Depth	<p>Color</p> <ul style="list-style-type: none"> <input type="checkbox"/> 48 bits per pixel internal (16 bits per pixel per color internal) <input type="checkbox"/> 24 bits per pixel external (8 bits per pixel per color external) <p>Grayscale</p> <ul style="list-style-type: none"> <input type="checkbox"/> 16 bits per pixel internal <input type="checkbox"/> 8 bits per pixel external <p>Black and white</p> <ul style="list-style-type: none"> <input type="checkbox"/> 16 bits per pixel internal <input type="checkbox"/> 1 bits per pixel external
Light Source	LED

Interface Specifications

For Computer	USB
--------------	-----

Dimensions

Dimensions	<p>Storage</p> <ul style="list-style-type: none"> <input type="checkbox"/> Width: 375 mm (14.8 in.) <input type="checkbox"/> Depth: 347 mm (13.7 in.) <input type="checkbox"/> Height: 179 mm (7.0 in.) <p>Printing</p> <ul style="list-style-type: none"> <input type="checkbox"/> Width: 375 mm (14.8 in.) <input type="checkbox"/> Depth: 578 mm (22.8 in.) <input type="checkbox"/> Height: 253 mm (10.0 in.)
Weight*	Approx. 3.9 kg (8.6 lb)

* Without the ink and the power cord.

Electrical Specifications

L3210 Series

Power Supply Rating	AC 100-240 V	AC 220-240 V
Rated Frequency Range	50-60 Hz	50-60 Hz

Rated Current	0.4-0.2 A	0.2 A
Power Consumption (with USB Connection)	Standalone copying: Approx. 14.0 W (ISO/IEC24712) Ready mode: Approx. 4.0 W Sleep mode: Approx. 0.4 W Power off: Approx. 0.2 W	Standalone copying: Approx. 14.0 W (ISO/IEC24712) Ready mode: Approx. 4.0 W Sleep mode: Approx. 0.4 W Power off: Approx. 0.2 W

Note:

- Check the label on the printer for its voltage.
- For European users, see the following Website for details on power consumption.
<http://www.epson.eu/energy-consumption>

L3200 Series

Power Supply Rating	AC 100-240 V	AC 220-240 V
Rated Frequency Range	50-60 Hz	50-60 Hz
Rated Current	0.4-0.2 A	0.2 A
Power Consumption (with USB Connection)	Standalone copying: Approx. 14.0 W (ISO/IEC24712) Ready mode: Approx. 4.0 W Sleep mode: Approx. 0.4 W Power off: Approx. 0.2 W	Standalone copying: Approx. 14.0 W (ISO/IEC24712) Ready mode: Approx. 4.0 W Sleep mode: Approx. 0.4 W Power off: Approx. 0.2 W

Note:

- Check the label on the printer for its voltage.
- For European users, see the following Website for details on power consumption.
<http://www.epson.eu/energy-consumption>

Environmental Specifications

Operation	<p>Use the printer within the range shown in the following graph.</p> <p>Temperature: 10 to 35°C (50 to 95°F) Humidity: 20 to 80% RH (without condensation)</p>
Storage	<p>Temperature: -20 to 40°C (-4 to 104°F)* Humidity: 5 to 85% RH (without condensation)</p>

* You can store for one month at 40°C (104°F).

Environmental Specifications for Ink Bottles

Storage Temperature	-20 to 40 °C (-4 to 104 °F)*
Freezing Temperature	-15 °C (5 °F) Ink thaws and is usable after approximately 2 hours at 25 °C (77 °F).

* You can store for one month at 40 °C (104 °F).

System Requirements

Windows

Windows Vista, Windows 7, Windows 8/8.1, Windows 10 or later (32-bit, 64-bit)

Windows XP SP3 (32-bit)

Windows XP Professional x64 Edition SP2

Windows Server 2003 (SP2) or later

Mac OS

Mac OS X v10.6.8 or later

Note:

Mac OS may not support some applications and features.

The UNIX File System (UFS) for Mac OS is not supported.

Regulatory Information

Standards and Approvals

Standards and Approvals for European Model

The following model is CE marked and in compliance with all the applicable EU Directives. For further details, visit the following website to access the full declaration of conformities containing reference to the Directives and harmonized standards used to declare conformity.

<http://www.epson.eu/conformity>

C634J

Restrictions on Copying

Observe the following restrictions to ensure the responsible and legal use of the printer.

Copying of the following items is prohibited by law:

- Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage
- Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

Note:

Copying these items may also be prohibited by law.

Responsible use of copyrighted materials:

Printers can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.



Where to Get Help

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Technical Support Web Site

If you need further help, visit the Epson support website shown below. Select your country or region and go to the support section of your local Epson website. The latest drivers, FAQs, manuals, or other downloadables are also available from the site.

<http://support.epson.net/>

<http://www.epson.eu/support> (Europe)

If your Epson product is not operating properly and you cannot solve the problem, contact Epson support services for assistance.

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 manuals, contact Epson support services for assistance.

The following Epson support list is based on the country of sale. Some products may not be sold in your current location, so be sure to contact Epson support for the area in which you purchased your product.

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 a 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 Europe

Check your Pan-European Warranty Document for information on how to contact Epson support.

Help for Users in Taiwan

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.com.tw>

Information on product specifications, drivers for download, and products enquiry are available.

Epson HelpDesk

Phone: +886-2-80242008

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

Repair service center:

<http://www.tekcare.com.tw/branchMap.page>

TekCare corporation is an authorized service center for Epson Taiwan Technology & Trading Ltd.

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

Toll Free: 800-120-5564

Our HelpDesk team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problem troubleshooting
- 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 Call Centre

Phone: 66-2685-9899

Email: support@eth.epson.co.th

Our Call Centre 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 Service Center

65 Truong Dinh Street, District 1, Ho Chi Minh City, Vietnam.

Phone(Ho Chi Minh City): 84-8-3823-9239, 84-8-3825-6234

29 Tue Tinh, Quan Hai Ba Trung, Hanoi City, Vietnam

Phone(Hanoi City): 84-4-3978-4785, 84-4-3978-4775

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

Phone: +62-1500-766

Fax: +62-21-808-66-799

Our Hotline team can help you with the following over the phone or fax:

- Sales enquiries and product information
- Technical support

Epson Service Center

Province	Company Name	Address	Phone E-mail
JAKARTA	Epson Sales and Service Jakarta (SUDIRMAN)	Wisma Keiai Lt. 1 Jl. Jenderal Sudirman Kav. 3 Jakarta Pusat - DKI JAKARTA 10220	021-5724335 ess@epson-indonesia.co.id; ess.support@epson-indonesia.co.id
SERPONG	Epson Sales and Service Serpong	Ruko Melati Mas Square Blok A2 No.17 Serpong-Banten	082120090084 / 082120090085 esstag@epson-indonesia.co.id; esstag.support@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
SEMARANG	Epson Sales and Service Semarang	Komplek Ruko Metro Plaza Block C20 Jl. MT Haryono No. 970 Semarang -JAWA TENGAH	024 8313807 / 024 8417935 esssmg@epson-indonesia.co.id; esssmg.support@epson-indonesia.co.id
JAKARTA	Epson Sales and Service Jakarta (MANGGA DUA)	Ruko Mall Mangga Dua No. 48 Jl. Arteri Mangga Dua, Jakarta Utara - DKI JAKARTA	021 623 01104 jkt-technical1@epson-indonesia.co.id; jkt-admin@epson-indonesia.co.id
BANDUNG	Epson Sales and Service Bandung	Jl. Cihampelas No. 48 A Bandung Jawa Barat 40116	022 420 7033 bdg-technical@epson-indonesia.co.id; bdg-admin@epson-indonesia.co.id
MAKASSAR	Epson Sales and Service Makassar	Jl. Cendrawasih NO. 3A, kunjung mae, mariso, MAKASSAR - SULSEL 90125	0411- 8911071 mksr-technical@epson-indonesia.co.id; mksr-admin@epson-indonesia.co.id
MEDAN	Epson Service Center Medan	Jl. Bambu 2 Komplek Graha Niaga Nomor A-4, Medan - SUMUT	061- 42066090 / 42066091 mdn-technical@epson-indonesia.co.id; mdn-adm@epson-indonesia.co.id
PALEMBANG	Epson Service Center Palembang	Jl. H.M Rasyid Nawawi No. 249 Kelurahan 9 Ilir Palembang Sumatera Selatan	0711 311 330 escplg@epson-indonesia.co.id; escplg.support@epson-indonesia.co.id
PEKANBARU	Epson Service Center Pekanbaru	Jl. Tuanku Tambusai No. 459 A Kel. Tangkerang barat Kec Marpoyan damai Pekanbaru - Riau 28282	0761- 8524695 pkb-technical@epson-indonesia.co.id; pkb-admin@epson-indonesia.co.id
PONTIANAK	Epson Service Center Pontianak	Komp. A yani Sentra Bisnis G33, Jl. Ahmad Yani - Pontianak Kalimantan Barat	0561- 735507 / 767049 pontianak-technical@epson-indonesia.co.id; pontianak-admin@epson-indonesia.co.id
SAMARINDA	Epson Service Center Samarinda	Jl. KH. Wahid Hasyim (M. Yamin) Kelurahan Sempaja Selatan Kecamatan Samarinda UTARA - SAMARINDA - KALTIM	0541 7272 904 escsmd@epson-indonesia.co.id; escsmd.support@epson-indonesia.co.id
SURABAYA	Epson Sales & Service Surabaya (barat)	Jl. Haji Abdul Wahab Saimin, Ruko Villa Bukit Mas RM-11, Kec. Dukuh Pakis, Surabaya - 60225	031- 5120994 sby-technical@epson-indonesia.co.id; sby-admin@epson-indonesia.co.id
YOGYAKARTA	Epson Service Center Yogyakarta	YAP Square, Block A No. 6 Jl. C Simanjutak Yogyakarta - DIY	0274 581 065 ygy-technical@epson-indonesia.co.id; ygy-admin@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
JEMBER	Epson Service Center Jember	JL. Panglima Besar Sudirman Ruko no.1D Jember-Jawa Timur (Depan Balai Penelitian & Pengolahan Kakao)	0331- 488373 / 486468 jmr-admin@epson-indonesia.co.id; jmr-technical@epson-indonesia.co.id
MANADO	EPSON SALES AND SERVICE Manado	Jl. Piere Tendean Blok D No 4 Kawasan Mega Mas Boulevard - Manado 95111	0431- 8805896 MND-ADMIN@EPSON-INDONESIA.CO.ID; MND-TECHNICAL@EPSON-INDONESIA.CO.ID
CIREBON	EPSON SERVICE CENTER Cirebon	Jl. Tuparev No. 04 (Depan Hotel Apita) Cirebon, JAWA BARAT	0231- 8800846 cbn-technical@epson-indonesia.co.id
CIKARANG	EPSON SALES AND SERVICE CIKARANG	Ruko Metro Boulevard B1 Jababeka cikarang - Jawa Barat,	021- 89844301 / 29082424 ckg-admin@epson-indonesia.co.id; ckg-technical@epson-indonesia.co.id
MADIUN	EPSON SERVICE CENTER MADIUN	Jl. Diponegoro No.56, MADIUN - JAWA TIMUR	0351- 4770248 mun-admin@epson-indonesia.co.id ; mun-technical@epson-indonesia.co.id
PURWOKERTO	EPSON SALES AND SERVICE Purwokerto	Jl. Jendral Sudirman No. 4 Kranji Purwokerto - JAWA TENGAH	0281- 6512213 pwt-admin@epson-indonesia.co.id ; pwt-technical@epson-indonesia.co.id
BOGOR	EPSON SALES AND SERVICE Bogor	Jl.Pajajaran No 15B Kel Bantarjati Kec Bogor Utara - JAWA BARAT 16153	0251- 8310026 bgr-admin@epson-indonesia.co.id ; bgr-technical@epson-indonesia.co.id
SERANG	EPSON SERVICE CENTER Serang	Jl. Ahmad Yani No.45C, SERANG - BANTEN	0254- 7912503 srg-admin@epson-indonesia.co.id ; srg-technical@epson-indonesia.co.id
PALU	EPSON SALES AND SERVICE Palu	Jl. Juanda No. 58, Palu - Sulteng	0451- 4012 881 plw-admin@epson-indonesia.co.id; plw-technical@epson-indonesia.co.id
BANJARMASIN	EPSON SERVICE CENTER BANJARMASIN	Jl. Gatot Soebroto NO. 153 BANJARMASIN - KALSEL 70235	0511- 6744135 (TEKNISI) / 3266321 (ADMIN) bdj-admin@epson-indonesia.co.id; bdj-technical@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
DENPASAR	EPSON SALES AND SERVICE Denpasar	JL. MAHENDRADATA NO. 18, DENPASAR - BALI	0361- 3446699 / 9348428 dps-admin@epson-indonesia.co.id; dps-technical@epson-indonesia.co.id
JAKARTA	EPSON SALES AND SERVICE CILANDAK	CIBIS Business Park Tower 9 LT. MEZZANINE, Jalan TB Simatupang No.2, Jakarta Selatan - DKI JAKARTA 12560	021- 80866777 esscibis.support1@epson-indonesia.co.id; esscibis.support2@epson-indonesia.co.id; esscibis.admin@epson-indonesia.co.id; esscibis.sales@epson-indonesia.co.id
SURABAYA	EPSON SALES AND SERVICE SURABAYA (GUBENG)	JL. RAYA GUBENG NO. 62, SURABAYA - JAWA TIMUR	031- 99444940 / 99446299 / 99446377 esssby@epson-indonesia.co.id; esssby.support@epson-indonesia.co.id
AMBON	EPSON SERVICE CENTER AMBON	Jl. Diponegoro No.37 (Samping Bank Mandiri Syariah) Kel.Ahusen, Kec.Sirimau - Ambon 97127	-

For other cities not listed here, call the Hot Line: 08071137766.

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 Call Centre

Phone: 1800-81-7349 (Toll Free)

Email: websupport@emsb.epson.com.my

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair services and warranty

Head Office

Phone: 603-56288288

Fax: 603-5628 8388/603-5621 2088

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.

Helpline

- Service, product information, and ordering consumables (BSNL Lines)

Toll-free number: 18004250011

Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

- Service (CDMA & Mobile Users)

Toll-free number: 186030001600

Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

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, fax numbers and e-mail address below:

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.

Epson Philippines Customer Care

Toll Free: (PLDT) 1-800-1069-37766

Toll Free: (Digital) 1-800-3-0037766

Metro Manila: (632) 8441 9030

Web Site: <https://www.epson.com.ph/contact>

E-mail: customercare@epc.epson.com.ph

Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

Our Customer Care 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

Epson Philippines Corporation

Trunk Line: +632-706-2609

Fax: +632-706-2663