EPSON®

SC-G6000 Series

User's Guide

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Notes on Manuals

Meaning of Symbols

To prevent injury to customers or third parties and damage to property, this manual uses the following symbols to warn of dangerous operations and handling. Make sure you understand the meaning of these symbols before reading this manual.

Warning:	Warnings must be followed to avoid serious bodily injury.
Caution:	Cautions must be followed to avoid bodily injury.
Important:	Important must be followed to avoid damage to this product.
Note:	Notes contain useful or additional information on the operation of this product.
☞	Indicates related reference content.

Screenshots

Screenshots used in this manual may differ slightly from the actual screens.

Illustrations

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

Operating System References

Windows

In this manual, terms such as "Windows 11", "Windows 10", and "Windows 8.1" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- ❏ Microsoft® Windows® 11 operating system
- ❏ Microsoft® Windows® 10 operating system
- ❏ Microsoft® Windows® 8.1 operating system

Mac OS

In this manual, "Mac OS" is used to refer to Mac OS X 10.9.5 or later as well as macOS 11 or later.

Manual Organization

North America and Latin America

To view user manuals, visit https://epson.com/support (U.S.), https://epson.ca/support (Canada), or https://latin.epson.com/support (Latin America) and search for your product.

Other Regions

The manuals for the product are organized as shown below.

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

Setup Guide (booklet)	Provides information on how to setup the printer after unpacking it from the box. Make sure you read this manual to perform operations safely.

Safety Instructions (booklet)		Provides instructions that should be followed to prevent injury to customers or third parties and damage to property. Make sure you read this to ensure the product is used safely and correctly. For some regions, this content is included in the Setup Guide.
Epson Support (PDF)		Provides information about Epson Support for each region.
Online Manual		
	User's Guide (PDF)	This manual explains how to use the printer.
	Epson Video Manuals	These videos show you how to load media and perform maintenance.
	Network Guide (PDF)	This manual provides information on using the printer over a network.
	Epson Support (PDF)	Provides information about Epson Support for each region.

Viewing Video Manuals

The video manuals have been uploaded to YouTube.

Click [Epson Video Manuals (video)] on the top page of the Online Manual, or click the following blue text to view the manuals.

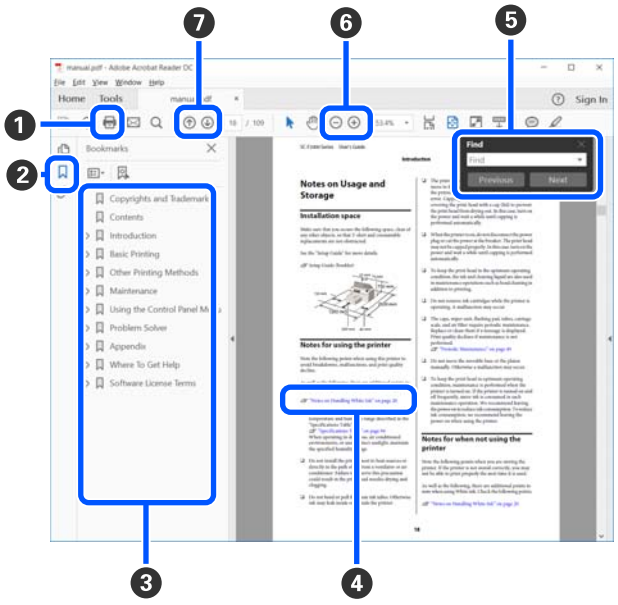
Epson Video Manuals

If the subtitles are not displayed when you play the video, click the subtitles icon shown in the image below.



Viewing PDF Manuals

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



❶ Click to print the PDF manual.

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

Notes on Manuals

❸ Click the title to open the relevant page.

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

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

To return to the original page, do the following.

For Windows

While pressing the Alt key, press the ← key.

For Mac OS

While pressing the command key, press the ← key.

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

For Windows

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

For Mac OS

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

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

For Windows

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

For Mac OS

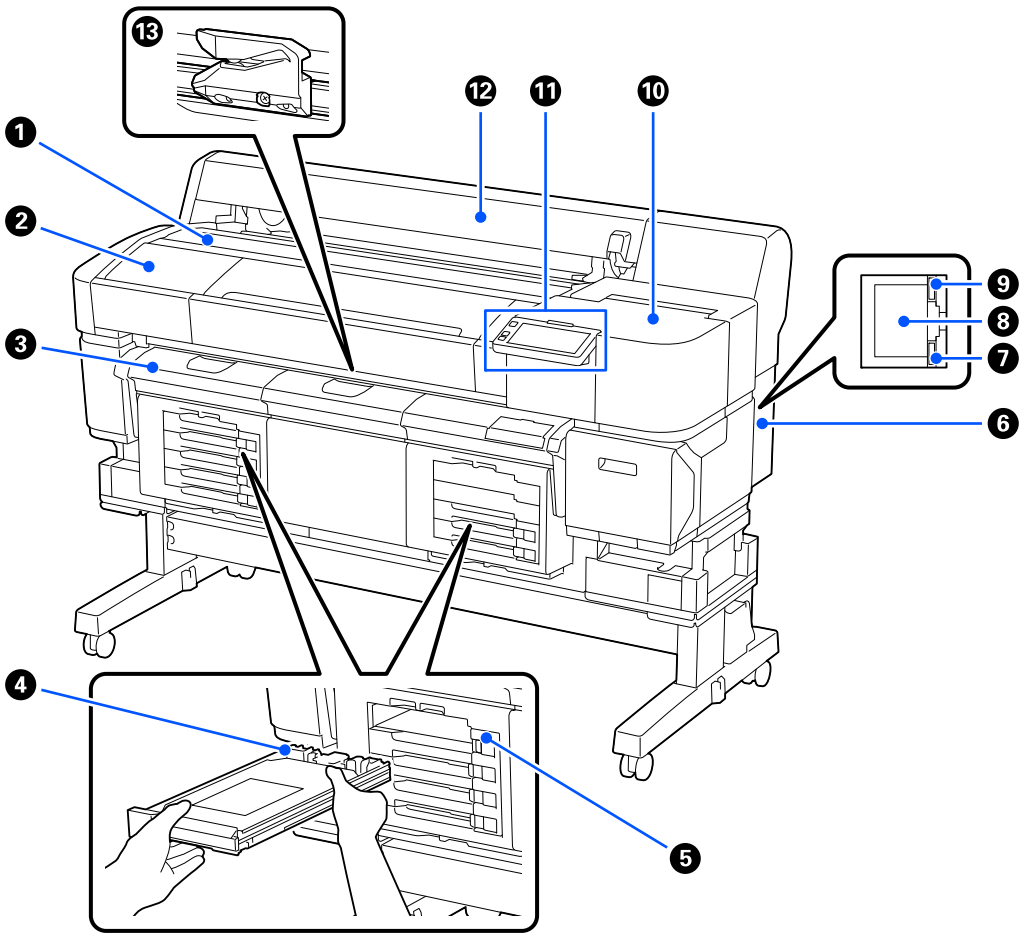
Click the **View** menu - **Zoom** - **Marquee Zoom** in this order to change the pointer to a magnifying glass. Use the pointer as a magnifying glass to specify the range of the place you want to enlarge.

❼ Opens the previous page or next page.

Introduction

Printer Parts

Front Section



1 Roll rest

Place the media here when attaching/removing the roll adapter.

2 Printer cover

Open this cover when cleaning the printer or clearing jams.

3 Output guide

Smoothly guides media output from the printer.

4 Ink tray

Insert the ink supply unit for the color indicated on the label. Insert all of the ink trays.

❺ Lock switch

To pull out an ink tray, unlock it by moving the lock switch to the right. After placing the ink tray in the ink unit, lock it by moving the lock switch to the left.

❻ USB port

Connect the USB cable.

❼ Data light

The data light turns on or flashes to indicate the network connection status and whether the printer is receiving data.

On : Connected.

Flashing : Receiving data.

❽ LAN port

Connect the LAN cable. Use a shielded twisted pair LAN cable (category 5e or higher).

❾ Status light

The color indicates the network's communication speed.

Red : 100Base-TX

Green : 1000Base-T

❿ Maintenance cover

Open when cleaning the caps or the wiper.

⓫ Control panel

☞ “Control panel” on page 14

⓬ Media cover

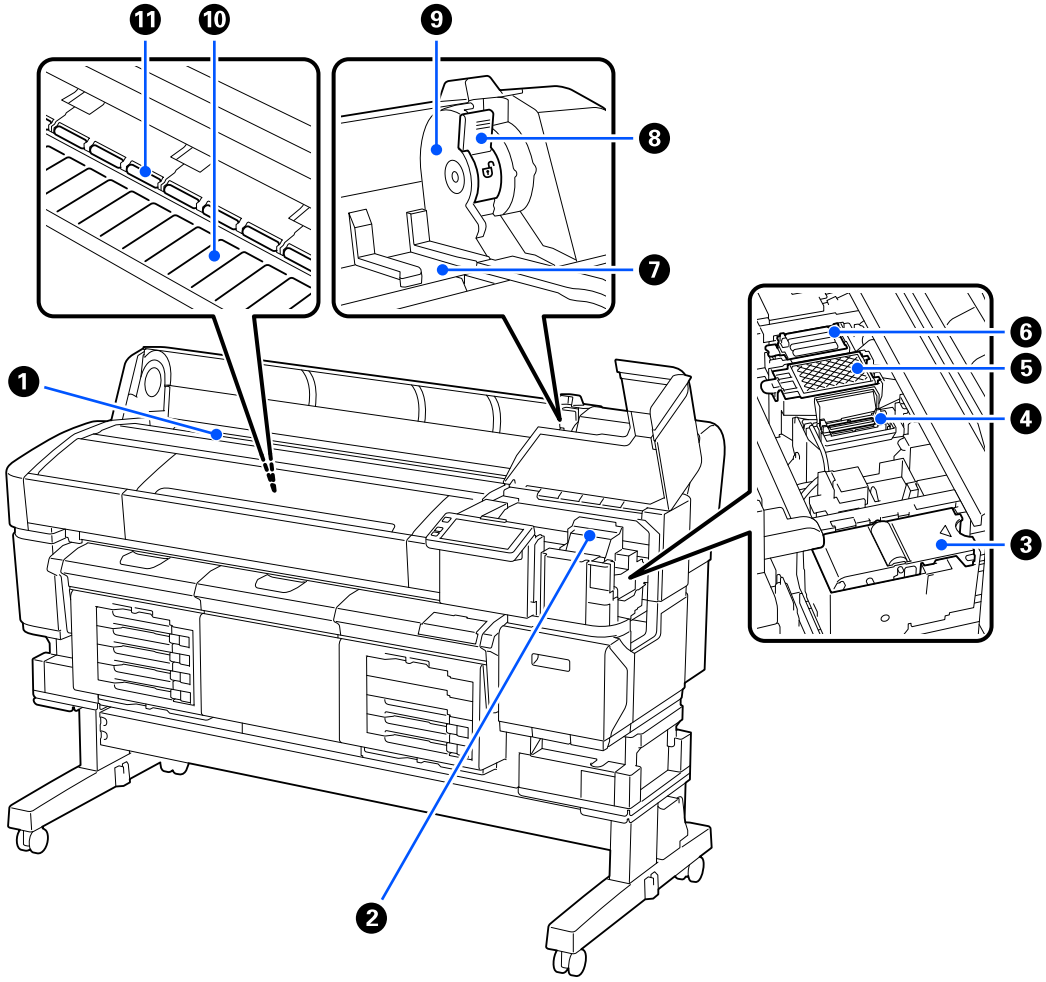
Cover to protect the media. Except when loading or removing media, it should be closed.

⓭ Auto cutter blade

Replace the auto cutter blade if the media is not cut cleanly.

☞ “Replacing the Auto Cutter Blade” on page 64

Inside



❶ Media feed slot

Insert and load the media from here when printing.

❷ Print head

The print head prints by moving left and right while emitting ink. When nozzles remain clogged, even after doing Head Cleaning, clean them manually.

“Cleaning Around the Print Head” on page 54

❸ Wiper Unit

The wiper removes ink from the print head nozzles. The wiper unit is a consumable item. Replace it if a message is displayed telling you to do so.

“Replacing the Head Cleaning Set” on page 63

❹ Suction cap

Sucks out the ink during Head Cleaning to unclog the nozzles. Clean it if a message is displayed telling you to do so.

☞ "Cleaning Around the Suction Cap" on page 55

❺ Flushing pad

The ink is ejected to here during flushing. The flushing pad is a consumable item. Replace it if a message is displayed telling you to do so.

☞ "Replacing the Head Cleaning Set" on page 63

❻ Capping station

Contains caps that cover the print head nozzles to prevent them from drying while not printing. The capping station is a consumable item. Replace it if a message is displayed telling you to do so.

☞ "Replacing the Head Cleaning Set" on page 63

❼ Roll adapter guide

Guides for attaching media. Move the media along these guides to attach it to the adapter holder.

☞ "Loading Media" on page 38

❽ Roll lock lever

A lever that locks media in place after the roll is attached to the adapter holder.

❾ Adapter holder

The roll adapter is placed in this holder after the media is attached.

❿ Platen

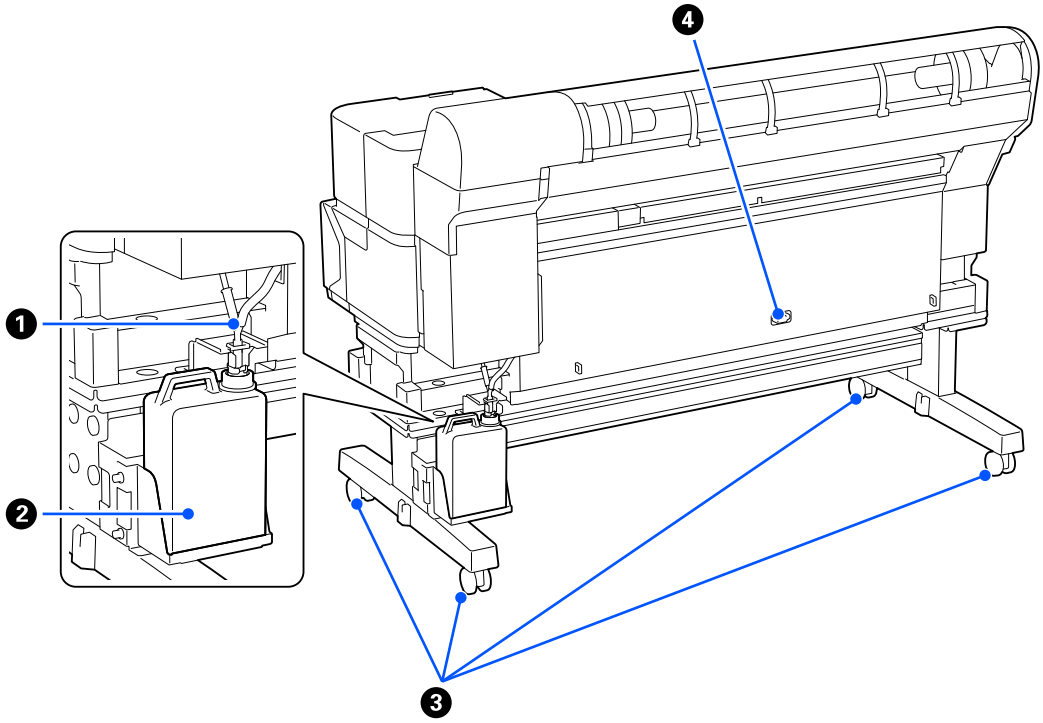
Suctions and secures the media to ensure smooth printing and media feeding. Clean this daily.

☞ "Cleaning the Platen" on page 56

⓫ Rollers

These rollers press down on the media during printing.

Back



1 Waste ink tube

Waste ink is discharged from this tube. Make sure the tube is not creased or bent, and the tube is in the waste ink bottle while the printer is in use.

2 Waste Ink Bottle

Waste ink collects in this bottle.

Replace with a new Waste Ink Bottle when the level approaches the line.

“Disposing of Waste Ink” on page 61

3 Casters

There are two casters on each leg. Once installation is complete, the casters should be kept locked.

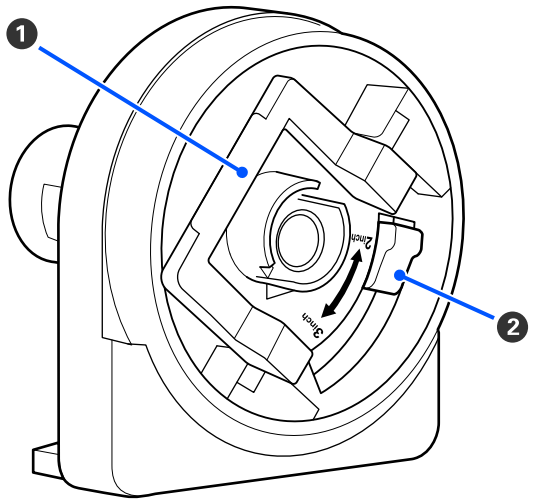
4 AC inlet

Connect the supplied power cable here.

Roll adapter

Use the supplied roll adapters when loading media into the printer.

“Loading Media” on page 38



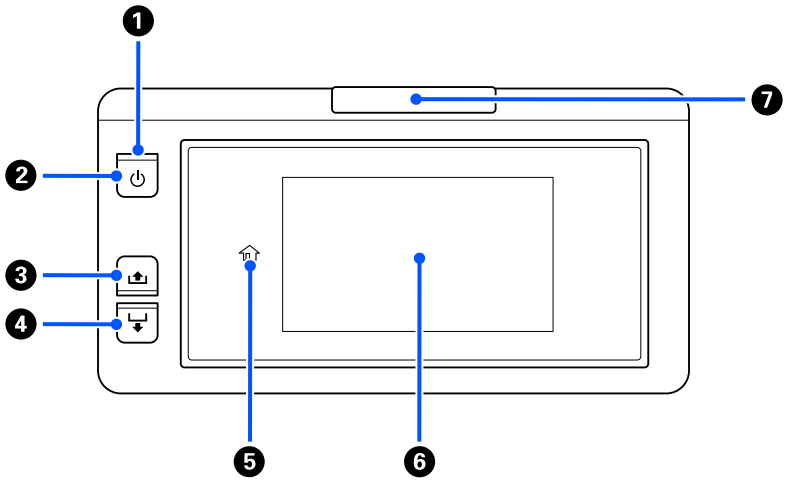
1 Adapter lock lever

Lift to unlock and lower to lock. Unlock the lever when attaching the adapter to the media, and lock it after the adapter is attached.

2 Size lever

Position based on to the size of the roll core for the media.

Control panel



1 ⏻ Light (power light)
The printer's operational status is indicated by a lit or flashing light.

On : The power is on.

Flashing : The printer is performing an operation, such as receiving data, shutting down, or performing Head Cleaning.

Off : The power is off.

2 ⏻ Button (power button)
Turns the power on and off.

3 [ ] button (rewind button)
You can rewind the media by holding down the button.

4 [ ] button (feed button)
You can feed the media by holding down the button.

5 (Home)
Press to return to the home screen after performing menu operations (when is lit).

(Home) is not lit when it cannot be used.

6 Screen
Displays the printer's status, menus, error messages, and other information. "Home Screen" on page 15

7 Alert lamp
This light turns on or flashes when an error occurs.

On/Flashing : An error occurred. The type of error is indicated by how the light turns on or flashes.

Check the contents of the error on the control panel's screen.

Off : No error.

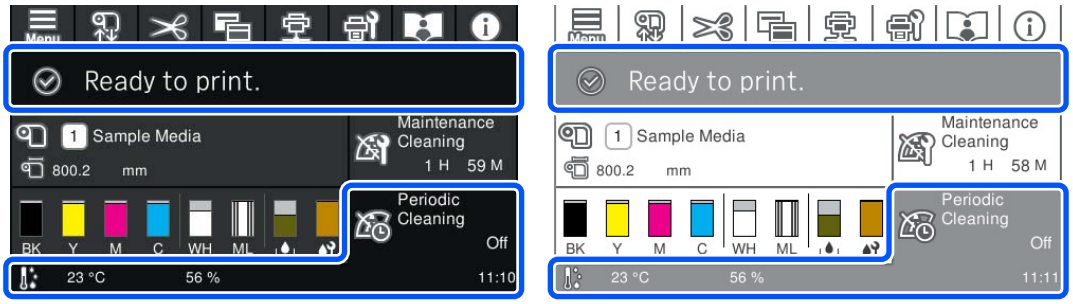
Home Screen

This section explains how to view the Home screen.

The panel on this printer is a touch panel.

The outlined areas shown in the following illustration are display-only areas and do not respond to touch. When you press any other area in the operation area, the screen or the value changes. Depending on the printer's operating status, you may not be able to perform the function for every button displayed at the top of the screen. If the function is unavailable, the icon is gray and the button does not respond.

You can select from three screen colors. The manufacturer's default setting is the colors shown on the left. The following explanations use the screen with the colors shown on the left.

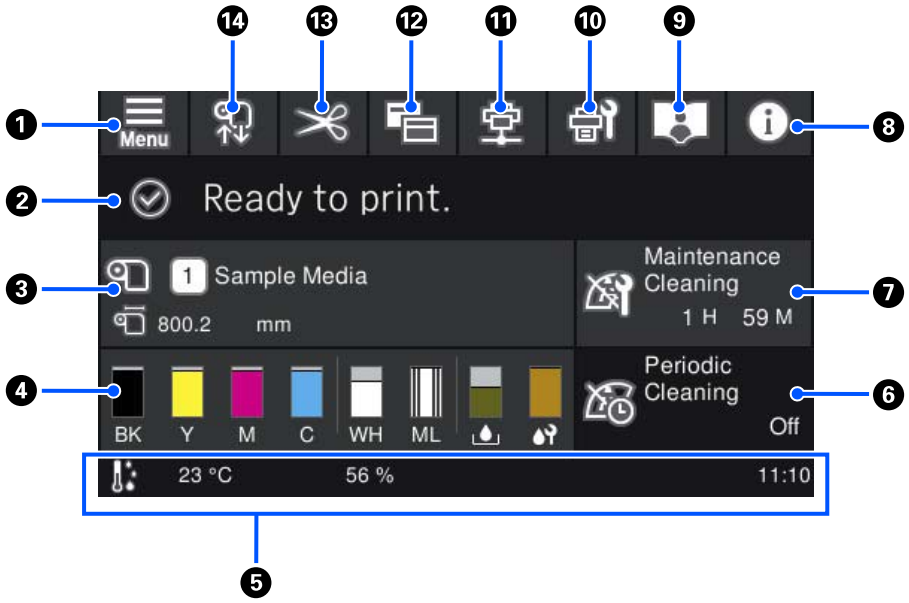


Also, the home screen has the following two layouts and you can switch between them by pressing .

❏ Home screen (status display)
You can check the current status of the printer.
☞ "Home screen (status display)" on page 16

❏ Home screen (adjust while printing)
You can quickly change the major adjustment values. You can also make adjustments while printing.
☞ "Home screen (adjust while printing)" on page 20

Home screen (status display)



❶ (menu)

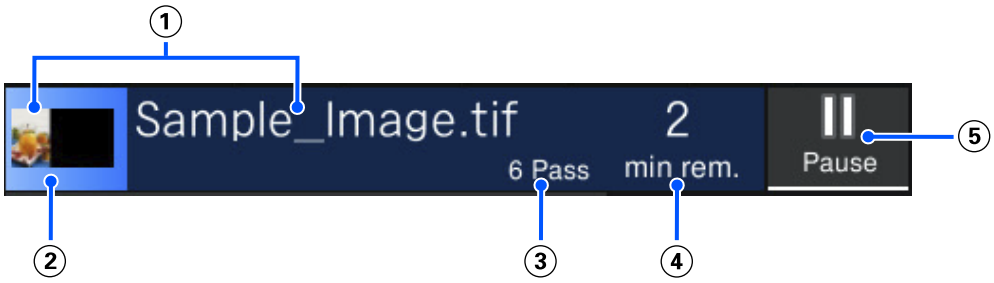
The settings menu will be displayed.

"Control Panel Menu" on page 69

❷ Status display area

Displays the printer's status and warning messages. Only the most recent notification is shown in this area. You can check all warning notifications by pressing .

When a print job is received, the displayed content changes as shown below. The following provides an explanation of each display.



① Displays a preview of the image being printed and the file name.

② Displays a progress bar showing the printing progress.

③ Displays the Printed Length for the media, or the Remaining Print Length, Print Length per Hour, Print Area per Hour, Time until media replacement, or the Pass Mode for the media.

You can change the display items by pressing (menu) and selecting **General Settings** - **Basic Settings** - **Screen Customization** - **Display Information While Printing**.

④ Displays the estimated time until printing is complete.

⑤ This is the Pause (Suspend) button.

❸ Media info

Displays the name and number of the currently selected registered media, as well as the width of the currently loaded media. When **Remaining Amount Management** is set to **On**, the remaining amount of the loaded media is also displayed. Pressing this area displays the **Media Settings** from the settings menu where you can change to a different registered media number or change the settings for the media number that is currently selected.

❹ Status of consumables

The status of the ink supply unit/cleaning ink supply unit, waste ink bottle, and head cleaning set are displayed as follows. By pressing this area, you can check a more detailed estimate of the amount remaining and the part number for each consumable.



Status of Ink Supply Unit/Cleaning Ink Supply Unit

Displays the approximate level of ink/cleaning liquid remaining. The bar goes lower as the remaining ink runs low. The letters under the bar are abbreviations of the colors. The relationship between the abbreviations and the ink colors is shown below.

BK : Black

Y : Yellow

M : Magenta

C : Cyan

WH : White

CL : Cleaning Ink Supply Unit

ML : Maintenance Liquid

Icons are displayed according to the status of the ink supply unit. The meanings of the icons are as follows.

 : Ink is low. You need to obtain a new ink supply unit.

 : It is time to shake the ink supply unit.

☞ "Shaking the Ink Supply Units Periodically" on page 58

 : The cleaning ink supply unit is installed.



Waste ink bottle status

Displays the approximate amount of space available in the waste ink bottle. The bar goes lower as the amount of remaining space decreases.

You need to obtain a new waste ink bottle when the ⚠ icon appears.



Head cleaning set status

Displays the status of the wiper unit. The bar goes lower as the wiper unit's remaining life decreases.

You need to obtain a new head cleaning set when the ⚠ icon appears.

❺ Environmental temperature, humidity, and time

Displays the current temperature, humidity, and time. You may not be able to print correctly unless you use the printer under the appropriate environmental conditions.

❻ Periodic cleaning

When periodic cleaning is scheduled, the time, number of pages, or print length remaining until it will be performed is displayed. Also, pressing this area displays the screen where periodic cleaning can be performed before the scheduled time.

(The default setting is **Off**.)

❼ Notice on when to do maintenance cleaning

Displays the approximate time remaining until maintenance cleaning.

Pressing this area displays the following items on the screen.

- ❏ Approximate time remaining until maintenance cleaning is executed
- ❏ Menu to execute preventive cleaning

When it is almost time to perform maintenance cleaning, performing cleaning before the scheduled time can help to prevent work from being interrupted.

❽ (Printer Status)

If a warning notification has been generated, ⚠ is displayed on the right like this: . Press this area, then press **Message List** to display a list of warning notifications. You can check detailed information and the handling procedure for each item by pressing it in the list. Items are removed from the list as those actions are taken.

❾ (Online Manuals)

A QR code is displayed that allows you to access the Online Manuals directly.

Depending on your country or region, a QR code may be displayed that allows you to access the Epson Video Manuals directly.

❿ (Maintenance)

The Maintenance menu is displayed on this screen and you can perform operations such as print head maintenance and replacing consumables.

⓫ / (Switch connection status)

The following icons indicate the connection status between the computer and the printer.

Connection on : 

Connection off : 

The connection turns on or off every time this area is pressed.

For example, you can finish work more efficiently by turning the connection off to prevent jobs from being received before performing maintenance such as printing a nozzle check pattern or executing Head Cleaning after cleaning around the print head.

Note that you may not be able to switch depending on the operating status of the printer. In this situation, the icon is gray indicating that the function is disabled.

⓬ (Switch screens)

Switch between the Home screen (status display) and the Home screen (adjust while printing) every time this area is pressed.

⓭ (Cut)

Press to manually cut media using the built-in cutter.

☞ “Performing Manual Cut” on page 40

⓮ (Load and remove media)

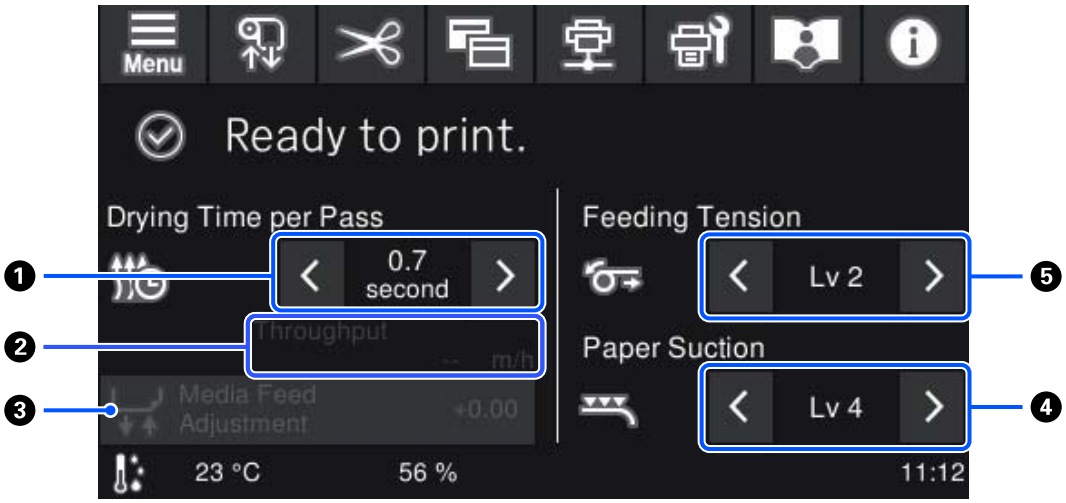
Press when loading or removing media.

☞ “Loading Media” on page 38

☞ “Removing Media” on page 41

Home screen (adjust while printing)

The following section only describes parts that differ from the Home screen (status display). You can change the value for each adjustment item even while printing. Results of the adjustments are registered to the currently selected Media Settings.



❶ Adjust Drying Time per Pass

Displays the setting for **Drying Time per Pass** for the currently selected registered media number.

Pressing › / ‹ allows you to change the values.

❷ Media feed speed

Displays the number of meters that can be printed in one hour when printing starts.

❸ Media Feed Adjustment

To correct any banding that occurs during printing, press this area to perform media feed corrections.

If the feed amount is too small, black bands (dark stripes) appear; correct the feed amount upwards (+).

In contrast, if the feed amount is too large, white bands (pale stripes) appear; correct the feed amount downwards (-). The value indicates the amount of feed that has been corrected as a percentage and as a positive (+) or negative (-) value.

❹ Adjust Paper Suction

Set the strength of the suction by the platen on the media. The higher the value, the greater the suction.

In most situations, use the values set for each media type as they are. If the media is wavy on the platen, increase the set value.

If graininess or out-of-focus characteristics are detected in printing results obtained using thin or soft media or if the media is not fed normally, reduce the set value.

Pressing › / ‹ allows you to change the values.

❺ Adjust Feeding Tension

Increase tension if creases appear in the media during printing. The higher the value, the greater the tension.

Pressing › / ‹ allows you to change the values.

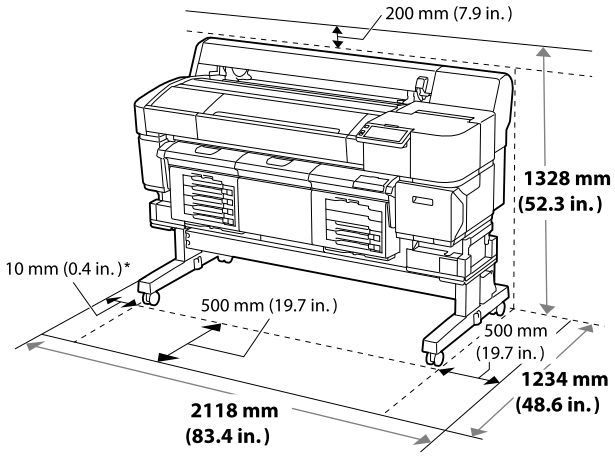
Notes on Handling

Installation space

Make sure that you secure the following space, clear of any other objects, so that media is output smoothly and consumable replacement is not obstructed.

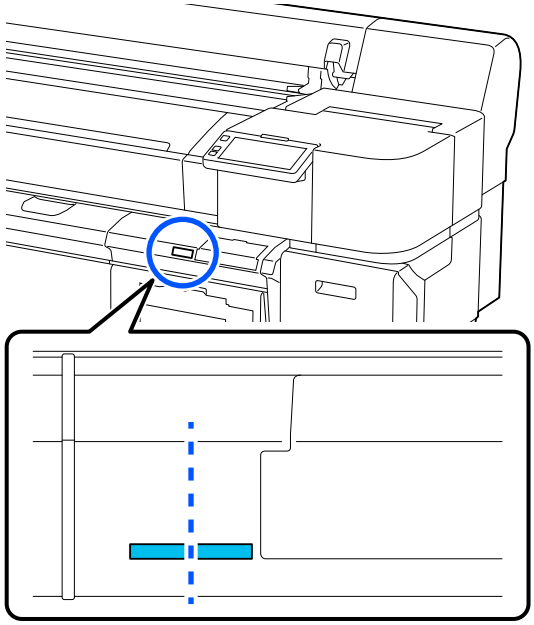
See the "Specifications Table" for the external dimensions of the printer.

“Specifications Table” on page 113



*When using the shaker, make sure there is enough workspace on the left side of the printer to replace ink supply units during printing.

When using the printer with the shaker, set them up using the edge of the media as a guide. The center of the mark shown in the following illustration (indicated by the dashed line) represents the right edge of the media.



Notes when using the printer

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

❏ When using the printer, follow the operating temperature and humidity range described in the "Specifications Table". “Specifications Table” on page 113
Note, however, that the desired results may not be achieved if the temperature and humidity are within the limits for the printer but not within those for the media. Be sure the operating conditions suit the media. For more information, see the documentation supplied with the media. Also, when operating in dry areas, air conditioned environments, or under direct sunlight, maintain the appropriate humidity.

❏ Make sure the work space is kept clean. If dust or lint enter the printer, it could damage the printer, clog the print head nozzles, cause media feeding issues.

- ❏ Avoid using the printer in locations with heat sources or that are exposed to direct drafts from ventilators or air conditioners. The print head nozzles could dry out and clog.
- ❏ The print head may not be capped (may not move to the right-hand side) if an error occurs and the printer is turned off without first clearing the error. Capping is a function for automatically covering the print head with a cap (lid) to prevent the print head from drying out. In this case, turn on the power and wait a while until capping is performed automatically.
- ❏ When the power is on, do not remove the power plug or cut the power at the breaker. Otherwise, the print head may not be capped properly. In this case, turn on the power and wait a while until capping is performed automatically.
- ❏ Do not bend or tug the waste ink tube. Ink could spill inside or around the printer.
- ❏ As well as being expended during printing, ink is used during Head Cleaning and other maintenance operations required to keep the print head in working order.
  Be sure that the Waste Ink Bottle is installed whenever the printer is on.
- ❏ For stable color printing, maintain a constant room temperature of 20 to 25 ˚C (68 to 77 ˚F).
- ❏ Do not remove ink supply units while the printer is operating. A malfunction may occur.
- ❏ Maintenance, such as cleaning and replacing consumables, must be performed according to usage frequency or at recommended intervals. Print quality declines if maintenance is not performed.
  ☞ "Maintenance" on page 49
- ❏ To keep the print head in optimum operating condition, maintenance is performed when the printer is turned on. If the printer is turned on and off frequently, more ink is consumed by each maintenance operation. To reduce ink consumption, we recommend that you always leave the printer power on.
- ❏ When applying powder, make sure that the powder is not scattered around the printer. If powder enters the printer, it may cause malfunctions, print head clogging, or scratches on the media.
- ❏ Do not rewind media that has powder on it into the printer. Do not allow powder to enter the printer.
- ❏ When using the printer with the shaker, be careful of overheating caused by the heater inside the shaker. If the printer stops for any reason during printing, we recommend turning off the shaker's heater temporarily.

Notes when not using the printer

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

There are additional points to note regarding White ink in addition to the items listed here. Check the following.

☞ "Notes on Handling White Ink" on page 26

- ❏ If the printer will not be used (and will be switched off) for an extended period, use the cleaning ink supply unit (sold separately) to perform the long-term storage process. If the printer is left in this condition, it may be impossible to clear clogging in the print head. See the following for more information.
  ☞ "Pre-Storage Maintenance for Long-Term Non-Use" on page 67
- ❏ If you do not print for a long time and do not perform long-term storage process, turn the printer on at least once every seven days.
  If you do not print for a long time, the print head nozzles may become clogged. Maintenance cleaning is performed automatically after the printer is turned on. Maintenance cleaning prevents print head clogging and maintains print quality. Do not turn the printer off until maintenance cleaning is complete.

❏ If you do not use the printer for a long time, make sure you check for clogged nozzles before printing. If clogged nozzles are detected in the print head, perform print head cleaning.
☞ "Checking for Clogged Nozzles" on page 65

❏ Even if the printer is not turned on, ink that has accumulated in the waste ink tubes may leak out. Make sure the waste ink bottle is installed even when the printer is not on.

❏ Store the printer after confirming that the print head has been capped (the print head is positioned on the right-hand side). If it is left uncapped for a long time, the print quality may decline, and it may be impossible to clear clogged nozzles. If the print head is not capped, turn the printer on, check that capping has been performed, and then turn it off.

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

❏ The rollers may crease media left in the printer. The media may also become wavy or curled, causing jams or resulting in the media coming into contact with the print head. Remove the media before putting the printer in storage.

Notes on Using the Control Panel

Warning:

If the LCD display on the control panel is damaged, handle the internal fluid with extreme care.

In the unlikely event of the following situations, take emergency measures.

❏ *If the fluid adheres to your skin, wipe it off, rinse with water, and wash thoroughly with soap.*

❏ *If the fluid gets into your eyes, rinse them with clean water for at least 15 minutes, and then consult with a physician as soon as possible.*

❏ *If fluid enters your mouth, consult with a physician as soon as possible.*

❏ Touch the panel with your finger.

❏ It may not react when touched with wet fingers, gloved hands, or something other than a finger, or when there is a protective sheet or sticker on the panel.

❏ Do not touch the panel with pointy objects such as ballpoint pens or mechanical pencils. Doing so may damage the panel.

❏ If the panel gets dirty, wipe it clean with a soft cloth. If it is very dirty, soak a soft cloth in a diluted solution of neutral detergent, wring it out thoroughly, wipe off the dirt, and then wipe it with a soft, dry cloth. Do not use volatile chemicals such as thinner, benzene, or alcohol. Doing so may damage the panel surface.

❏ Do not use in an environment subject to rapid changes in temperature or humidity. Condensation may form inside the panel, causing the performance to deteriorate.

❏ Do not press too hard on the panel or subject it to strong impacts. Doing so may crack the panel. If it does crack, do not touch the fragments or attempt to remove the panel. Contact your dealer or Epson Support.

❏ Some pixels on the screen may not be lit or may be lit constantly. Also, due to the characteristics of LCD displays, the brightness may be uneven, but this is not a malfunction.

Notes on Handling Ink Supply Units/Cleaning Ink Supply Units

Note the following points when handling ink supply units/cleaning ink supply units to maintain good print quality.

There are additional points to note regarding White ink in addition to the items listed here. Check the following.

☞ "Notes on Handling White Ink" on page 26

❏ When installing ink supply units for the first time, a lot of ink is consumed to fill all parts of the print head nozzles and get the printer ready for printing. Make sure you have replacement ink supply units ready.

❏ Store ink supply units/cleaning ink supply units at room temperature in a location that is not exposed to direct sunlight.

❏ To ensure print quality, we recommend using all the ink in the ink supply units before the earlier of the following dates:

  ❏ The expiration dates shown on the packaging

  ❏ One year from the day they are inserted into the ink trays

❏ ink supply units/cleaning ink supply units that have been stored at low temperatures for an extended period should be allowed to return to room temperature over a period of four hours before use.

❏ Do not touch the IC chips on the ink supply units/ cleaning ink supply units. Doing so may prevent normal operation and printing.

❏ Printing is not possible unless ink supply units are installed in all of the ink trays in the printer.

❏ Do not leave the printer without ink supply units installed. The ink in the printer may dry, preventing it from printing as expected. Leave ink supply units inserted in all ink trays, even when the printer is not in use.

❏ Even if the ink supply units/cleaning ink supply units are removed from the printer, they can be installed and used because their IC chips manage their information, such as the amounts remaining in them.

❏ Before you store ink supply units that you remove, use a wide cleaning stick from the supplied maintenance kit to absorb the ink stuck on their ink supply ports. Dried ink on the supply port may cause ink leaks when the ink supply unit is reinserted and used.
See the following for more information on cleaning methods.
☞ "Performing Pre-storage Maintenance" on page 67
Make sure that the supply port is free of dust when storing the ink supply unit. The ink supply port has a valve in it so it does not need to be capped.

❏ Removed ink supply units may have ink around the ink supply ports, so be careful not to get any ink on the surrounding area.

❏ To maintain the quality of the print head, the printer is designed to stop printing before ink is completely expended, leaving ink in the used ink supply units.

❏ Although the ink supply units/cleaning Ink supply units may contain recycled materials, it does not affect the printer's function or performance.

❏ Do not dismantle or modify ink supply units/ cleaning ink supply units. You may not be able to print properly.

❏ Do not drop or knock the ink supply units/ cleaning ink supply units against hard objects; otherwise ink may leak from them.

❏ Ink supply units (except for White) that have been loaded in the printer must be removed and thoroughly shaken once every three weeks. White ink must be removed and thoroughly shaken every day before starting printing work. You do not need to shake the cleaning ink supply unit and maintenance liquid.
Shaking method ☞ "Shaking the Ink Supply Units Periodically" on page 58

Notes on Handling White Ink

A characteristic of White ink is that it sediments easily (ink particles sink to the bottom of the liquid). If the ink is used while in this state, print quality may decline or the printer may malfunction. Note the following points to use the printer under optimum conditions.

❏ Ink supply units that have been loaded must be removed and thoroughly shaken before starting work and once every 24 hours (when a message is displayed).
☞ "Shaking the Ink Supply Units Periodically" on page 58

❏ Print quality may decline due to the ink's components sedimenting in the ink tubes. See the following if there is not enough white or the white is uneven in the print results.
☞ "Not enough white or uneven whiteness" on page 102

❏ When storing ink supply units, place them down flat (keep them level). If ink supply units are stored standing upright, you may not be able to clear the sedimentation even by shaking them.

❏ If the printer will not be used for more than two weeks, use the cleaning ink supply unit (sold separately) to perform pre-storage maintenance. If the printer is left in this condition without performing maintenance, it may be impossible to clear clogging in the print head.
☞ "Pre-Storage Maintenance for Long-Term Non-Use" on page 67

Handling Media

Note the following when handling or storing media. Media that are in poor condition will not produce good quality prints.

Be sure to read the documentation provided with each type of media.

Notes on Handling

❏ Do not fold the media or damage the printable surface.

❏ Do not touch the printable surface. Moisture and oils from your hands can affect print quality.

❏ When handling media, hold it by both edges. We recommend wearing cotton gloves.

❏ Keep the media dry.

❏ Packaging materials can be used to store media and should not be thrown away.

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

❏ When not in use, media should be removed from the printer, rewound, and inserted in its original packaging for storage. Leaving media in the printer for extended periods may cause it to deteriorate.

Handling Media After Printing

After printing, note the following points to maintain long-lasting, high-quality print results.

❏ Do not touch the printed surface. Touching the printed surface can cause the ink to transfer to whatever it comes into contact with.

❏ After printing, perform post-processing without stacking or folding the media.

❏ After printing, perform post-processing before the ink dries.

Introducing the Software Supplied (For North America and Latin America)

To view and download software options, visit the support site for your region and search for your product:

- ❏ https://epson.com/support (U.S.)
- ❏ https://epson.ca/support (Canada)
- ❏ https://latin.epson.com/support (Latin America)

> ***Note:***
> *Printer drivers are not provided. A software RIP is required for printing. "Epson Edge Print PRO", Epson's software RIP for Windows, is supplied with the printer.*
>
> *The Epson web site provides supported plug-in software for the printer.*

Software Provided on the Disc Supplied with the Printer

Epson Edge Print PRO (Windows only) is a software RIP that can be effortlessly used with easy-to-understand operations.

Visit the URL printed on the sheet in the Epson Edge Print PRO package to install the software.

See the following for more information on Epson Edge Print PRO.

☞ "Using Epson Edge Print PRO (Windows Only)" on page 31

Other Software Supplied

In addition to the standard software, the following software is also provided.

Software Name	Summary
Epson Edge Dashboard	After installation, it operates as resident software. The following features are available. ❏ You can receive notifications on updating the printer firmware, and update the firmware. ❏ Notifies you of the status of registered printers when you are using a commercial software RIP. ❏ You can monitor the status of the printer connected to the computer with Epson Edge Dashboard installed over a network or USB connection. ❏ You can download print settings files (EMX files) provided by Epson over a network. When using a commercial software RIP, import the downloaded EMX file into the commercial software RIP to use it. ❏ You can monitor the status of printer connected to a computer with Epson Edge Dashboard installed over a network or USB connection. Notes: The provided EMX files differ according to the country and region in which you live. ☞ "Using Epson Edge Dashboard" on page 31

Software Name	Summary
Web Config	This software is pre-installed on the printer. You can start it from a web browser via a network. This software is for network administrators. You can configure the network security settings from Web Config. It also provides an e-mail notification function to inform you when errors and so on occur in the printer. "Using Web Config" on page 33

Introducing the Software Supplied (For Regions Other Than North America and Latin America)

The following shows the software that is supplied. As shown below, the way the software is provided varies depending on the software.

Unless otherwise specified, all software is compatible with Windows and Mac OS.

Note:
Printer drivers are not provided. A software RIP is required for printing. "Epson Edge Print PRO", Epson's software RIP for Windows, is supplied with the printer.

Software Provided on the Disc Supplied with the Printer (Windows Only)

Epson Edge Print PRO

Epson Edge Print PRO is an easy-to-use software RIP with straightforward operations.

Install Epson Edge Print PRO on the computer on which the standard software is installed. To install, access the URL on the sheet included in the Epson Edge Print PRO package.

When you install Epson Edge Print PRO, the following two applications are also installed at the same time.

- Epson communications drivers: Required when connecting Epson Edge Print PRO to this printer.
- Epson Edge Dashboard: Complements the functionality of Epson Edge Print PRO by importing print setting files (EMX files) for each type of media provided by Epson.

See the following for more information about Epson Edge Print PRO.
"Using Epson Edge Print PRO (Windows Only)" on page 31

Software Provided by epson.sn (Windows Only)

The standard software is available on epson.sn (website). Install from https://epson.sn

The following table shows the software that is supplied.

For more information on each software application, see the online help for each software application.

Download and install the software from the Internet. Connect your computer to the Internet and install the software.

Software Name	Summary
EPSON Software Updater	The software checks if new software or update information is available on the Internet and installs it. You can also update the manuals for the printer.
Epson communications drivers	Epson communications drivers are required when using Epson Edge Dashboard or Epson Edge Print PRO, or when using a commercial RIP to connect a computer and the printer. Make sure these are installed.
EpsonNet Config SE	With this software, you can configure various network settings for the printer from your computer. This is useful as it allows you to enter addresses and names using the keyboard.
Epson Edge Dashboard	After installation, it operates as resident software. It provides the following control operations for Epson printers. ❏ You can receive notifications on updating the printer firmware, and update the firmware. ❏ You can receive update information for software and manuals installed from epson.sn (when update information is available, start EPSON Software Updater to perform the update). ❏ You can receive notifications on the status of registered printers when you are using a commercial software RIP. ❏ You can monitor the status of the printer connected to the computer with Epson Edge Dashboard installed over a network or USB connection. ☞ "Using Epson Edge Dashboard" on page 31

Other Software Supplied

In addition to the standard software, the following software is also provided.

Software Name	Summary
Epson Edge Dashboard	After installation, it operates as resident software. The following features are available. ❏ You can receive notifications on updating the printer firmware, and update the firmware. ❏ Notifies you of the status of registered printers when you are using a commercial software RIP. ❏ You can monitor the status of the printer connected to the computer with Epson Edge Dashboard installed over a network or USB connection. ☞ "Using Epson Edge Dashboard" on page 31 Download this software from the Epson website. For Windows, you can also download from epson.sn. https://www.epson.com
Web Config	This software is pre-installed on the printer. You can start it from a web browser via a network. This software is for network administrators. You can configure the network security settings from Web Config. It also provides an e-mail notification function to inform you when errors and so on occur in the printer. ☞ "Using Web Config" on page 33

Note:
In addition to the above, the Epson website introduces other useful software compatible with this printer. Check the following.

https://www.epson.com

Using Epson Edge Print PRO (Windows Only)

Starting Procedure

The application can be launched using any of the following methods.

- ❏ Double click the shortcut icon created on the desktop.
- ❏ Click the Windows Start button - **All Programs** - **Epson Software** - **Epson Edge Print**.

For more information, see the Epson Edge Print PRO online help.

Acquiring and Registering EMX Files

To print correctly on the media you are using, you must register the media's print information and the media setting values on the printer and in Epson Edge Print PRO.

You can use print setting files (EMX files) from Epson, which provide optimum print quality settings for the commercially available media being used (the provided files differ according to the country and region in which you live).
See the following for details on EMX files.
☞ "Registering Media Settings on the Printer" on page 36

Epson Edge Print PRO allows you to easily perform the following operations in wizard format.

- ❏ Download EMX files
- ❏ Automatically register print information to Epson Edge Print PRO
- ❏ Register media settings to the specified registered media number of the printer

For more details on how to acquire and register EMX files, see the Epson Edge Print PRO help.

Closing Procedure

Select **Done** from **File** at the top left of the screen.

Using Epson Edge Dashboard

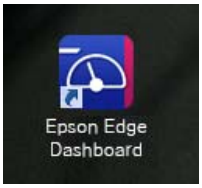
Starting Procedure

Epson Edge Dashboard is a Web application.

1. The application can be launched using either of the following two methods.

Windows

- ❏ Click the **Epson Edge Dashboard** icon on the desktop taskbar, and select **Show Epson Edge Dashboard**.



- ❏ Click **Start** - **All Apps** (or **Programs**) - **Epson Software** - **Epson Edge Dashboard**.

Mac OS

- ❏ Click the **Epson Edge Dashboard** icon displayed on the menu bar of the desktop, and select **Show Epson Edge Dashboard**.



- ❏ Double-click the **Applications** - **Epson Software** - **Epson Edge Dashboard** - **Epson Edge Dashboard** icon.

2. Epson Edge Dashboard starts.

For more information, see the Epson Edge Dashboard online help.

Registering the Printer

Epson Edge Dashboard can monitor, manage, and copy Media Settings to registered printers.

For Windows, printers are registered automatically, allowing you to monitor and manage them immediately after starting the Epson Edge Dashboard. If your printer is not automatically registered, check that you are using it under the following conditions.

- ❏ A communication driver provided with the printer has been installed on a computer
- ❏ The computer and printer are connected
- ❏ The printer is on standby

Printers are not automatically registered for Mac OS. Register your printer manually from the Register Printer screen. This screen is displayed when you start Epson Edge Dashboard for the first time. For details, see the Epson Edge Dashboard help.

Download the EMX File

To print correctly on the media you are using, you must register the media's print information and the media setting values on the printer and in the commercial software RIP.

You can use a print setting file (EMX file) provided by Epson, which provides optimum print quality settings for the commercially available media being used. (The provided files differ according to the country and region in which you live.)
See the following for details on EMX files.
☞ "Registering Media Settings on the Printer" on page 36

After downloading an EMX file, you need to perform the following steps.

- ❏ Copy the media settings to the printer.
  For details, see the Epson Edge Dashboard help.
- ❏ Import the print information (print settings) into a commercial software RIP.
  See the manual for your software RIP for details.

Closing Procedure

Close the Web browser. However, since Epson Edge Dashboard is a resident software, it does not stop running.

Using EPSON Software Updater (Windows)

> ***Note:***
> *EPSON Software Updater is not available in all regions.*

North American and Latin American users:

To check for software updates, visit https://epson.com/support (U.S.), https://epson.ca/support (Canada), or http://latin.epson.com/support (Latin America) and search for your product.

Checking Software Update Availability

1. Check the following status.
   - ❏ The computer is connected to the Internet.
   - ❏ The printer and the computer can communicate.
2. Start EPSON Software Updater.

   Windows 8.1/Windows 8

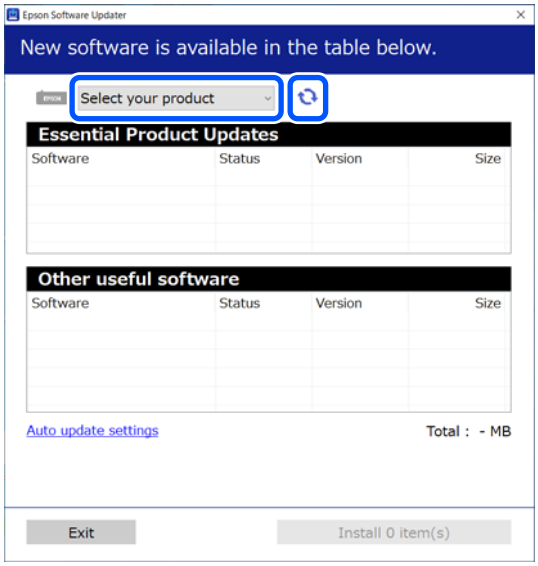
   Enter the software name in the search charm, and select the icon displayed.

   Except for Windows 8.1/Windows 8

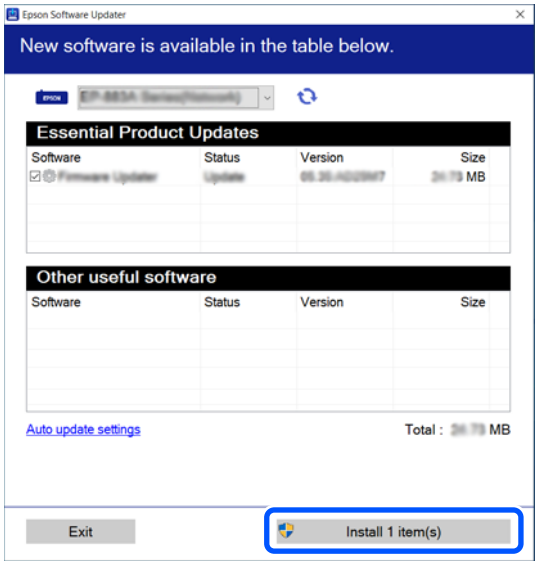
   Click Start - **All Programs** (or **Programs**) - **Epson Software** - **EPSON Software Updater**.

   > ***Note:***
   > *You can also start by clicking the printer icon on the desktop taskbar and selecting* ***Software Update****.*

3 Select your printer, and then click to check for the latest software.



4 Select the software you want to update, and then click the Install button to start the installation.



Follow the on-screen instructions.

Important:

Do not turn off the computer or printer while updating.

Receiving Update Notifications

1 Start EPSON Software Updater.

2 Click **Auto update settings**.

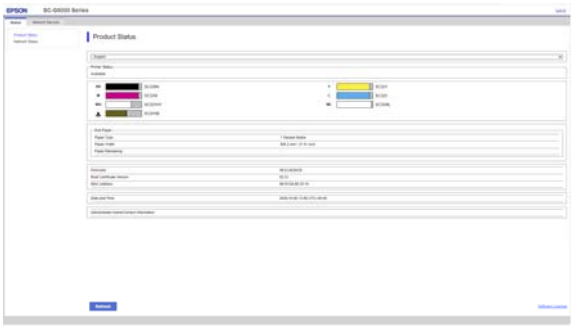
3 Select an interval for checking for updates on the printer's **Interval to Check** box, and then click **OK**.

Using Web Config

Provides an overview of starting the software and the functions provided.

Summary of Functions

This section introduces the main functions of Web Config.



For standard users

The following information can be viewed by anyone simply by entering the printer's IP address.

- ❏ The status of the printer, such as the amount of ink remaining
- ❏ The content of network settings (settings cannot be changed)
- ❏ The printer's firmware version.

For administrators

If you log in as an administrator, you can configure the printer's network settings and advanced security settings, such as SSL/TLS communication, IPsec/IP filtering, and IEEE802.1X, which cannot be configured with the printer alone.

Starting Procedure

Start the browser on a computer that is connected to the same network as the printer.

1 Press , and then press **General Settings** - **Network Settings** - **Advanced** - **TCP/IP** to check the IP address of the printer.

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

2 Start a Web browser on the computer that is connected to the printer over the network.

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

Format:
IPv4: http://IP address of printer/
IPv6: http://[IP address of printer]/

Example:
IPv4: http://192.168.100.201/
IPv6: http://[2001:db8::1000:1]/

To log on as an administrator, proceed to the next step.

4 Click Log in at the top-right of the screen, enter your User Name and Current password, and then click OK.

When you log in for the first time, leave **User Name** blank, enter the initial password in **Administrator Password**, and then click **OK**.

“Checking the Initial Password” on page 35

Closing Procedure

Close the Web browser.

Uninstalling Software

> ***Important:***
> - *Log into a "Computer administrator" account (an account with administrative privileges).*
> - *Enter the administrator password when prompted and then proceed with the remainder of the operation.*
> - *Exit any other applications that may be running.*
> - *If you are reinstalling the Epson communications drivers after removing them, restart the computer.*

Windows

This section explains how to uninstall the Epson communications drivers using them as an example. We recommend that you turn off the printer and disconnect the printer cable from the computer before you start work.

Windows 11

1 Click the Start button - **Settings**.

The **Settings** screen is displayed.

2 Click **Apps** from the menu on the left side of the screen.

3 Click **Apps & features** (or **Installed apps**).

4 Click the **SC-G6000 Series Comm Driver** menu button from the list, and then select **Uninstall** from the menu.

Follow the on-screen instructions to continue.

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

Except for Windows 11

1 Display the Control Panel, and then click **Uninstall a program**.

2 Select the **SC-G6000 Series Comm Driver** from the list, and then click **Uninstall**.

Follow the on-screen instructions to continue.

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

Mac OS

The following describes how to remove Epson Edge Dashboard.

1 Close **Epson Edge Dashboard**.

2 Double-click **Applications** - **Epson Software** - **Epson Edge Dashboard** - **Epson Edge Dashboard Uninstaller**.

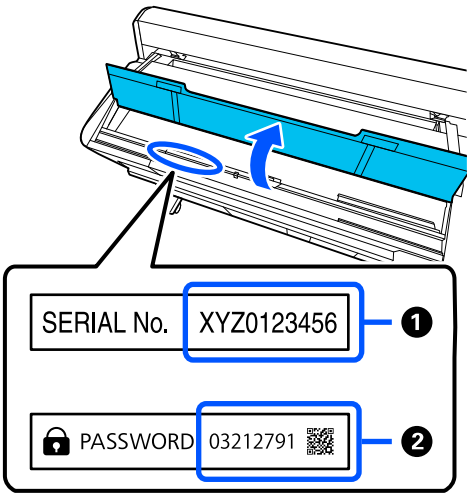
Follow the on-screen instructions to continue.

Notes on the Administrator Password

The initial password for each printer is different when the printer is shipped from the factory. We recommend that you do not continue to use the initial password when you start using the printer; change it to a password of your choice.

Checking the Initial Password

The initial administrator password is on the label on the left side under the printer cover.



- ❏ If there is only one label: The value for SERIAL No. on the label in ❶ is the initial password. (In the example in the illustration, the initial password is "XYZ0123456".)
- ❏ If there are two labels: The value for PASSWORD on the label in ❷ is the initial password. (In the example in the illustration, the initial password is "03212791".)

Changing the Password

1 In Web Config, select the **Product Security** tab - **Change Administrator Password**.

2 Enter the current password in **Current password**.

3 Enter the new password in **New Password** and **Confirm New Password**. Enter the user name, if necessary.

4 Select **OK**.

Important:

If you forget the password, contact your dealer or Epson Support.

Basic Operations

Workflow for Correct Printing

Follow the instructions below to print correctly on your media.

1. Register media settings on the printer

To print in the optimum conditions for the media you are using, you must register the media's print information and setting values on the printer and in the RIP. You can easily register media settings on the printer using the following method.

"Registering Media Settings on the Printer" on page 36

↓

2. Load media

"Loading Media" on page 38

↓

3. Select settings for loaded media

"Select Settings for Loaded Media" on page 38

↓

4. Optimize media settings (when using new media)

"Optimizing Media Settings (Print Head Alignment and Media Feed Adjustment)" on page 43

↓

5. Print

"Printing" on page 39

↓

6. Post-processing

Perform post-processing for the printed media in the following order to complete the printed product.

① Apply powder and heat.

You can use the following methods.

- ❏ Using the shaker (feed the media through the shaker to apply powder and heat)
- ❏ Place the media in a tray or other suitable container, apply the powder, and then heat it in an oven

② Use a heat press to transfer the image from the media to the target surface and then peel off the media.

③ Place silicon paper on the target surface and use a heat press to fix the ink.

Registering Media Settings on the Printer

You can register media settings in one of the following ways.

Using the general-purpose media settings that are pre-registered in the printer

This printer comes with two pre-registered media types. When you select a media type, the printer prints using the appropriate general-purpose media settings.

After loading the media, select the media type appropriate for the loaded media in **Media Settings**.

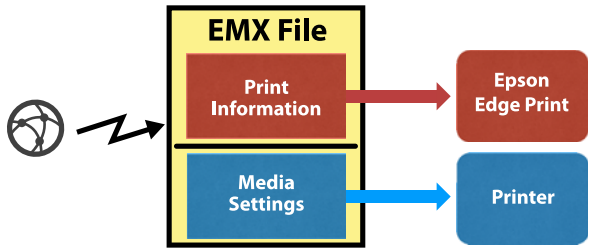
"Select Settings for Loaded Media" on page 38

Downloading an EMX file and registering the settings

An EMX file provided by Epson is a single print settings file containing the following information necessary to print properly on commercially available media (the provided files differ according to the country and region in which you live).

- ❏ Print Information: Settings for ICC profiles that are used in RIP, the level, the resolution, and more

❏ Media Settings: The settings appropriate for the media you are using that are registered to the printer's Media Management for the Paper Suction, Feeding Tension, and more



When using the software RIP Epson Edge Print PRO supplied with the printer, download the EMX file from Epson Edge Print PRO.

"Using Epson Edge Print PRO (Windows Only)" on page 31

When using a commercial software RIP, download the EMX file using Epson Edge Dashboard.

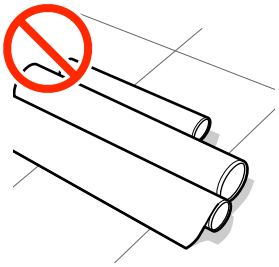
"Using Epson Edge Dashboard" on page 31

Notes When Handling Media

If the following points are not observed when handling media, small amounts of dust and lint may stick to the media surface and cause ink drops in the print results or cause the nozzles to clog.

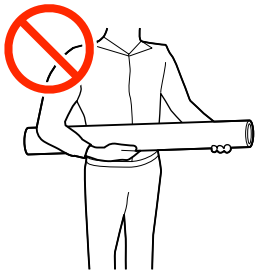
Do not place exposed media directly on the floor.

Media should be rewound and inserted in its original packaging for storage.



Do not carry media with the media surface pressed against clothing.

Handle paper in its individual packaging until just before loading the paper in the printer.



Notes on Loading Media

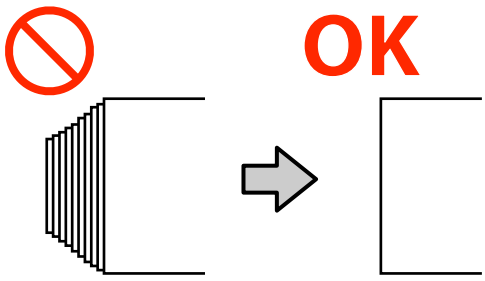
> ⚠ ***Caution:***
> *Do not rub your hands along the edges of the media. The edges of the media are sharp and can cause injury.*

Load the media just before printing.

The rollers may crease media left in the printer. The media may also become wavy or curled, causing jams or resulting in the media coming into contact with the print head.

Do not load media if the right and left edges are uneven.

If media is loaded and the right and left edges of the roll are uneven, media feeding problems may cause the media to move around during printing. Either rewind to align the edges or use a roll without any issues.



Media that cannot be used

Do not use media that is folded, wrinkled, scuffed, torn, or dirty. The media could rise up and contact the printheads and damage them.

Do not use paper that is frayed at the ends of the roll, wrinkled, or torn, as shown in the following image.



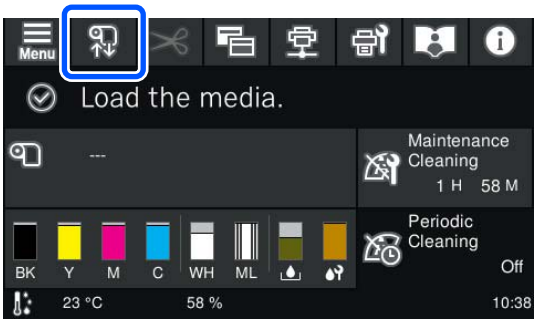
Loading Media

As shown below, you can load media while checking the procedure on the panel screen.

You can also watch the video on YouTube.

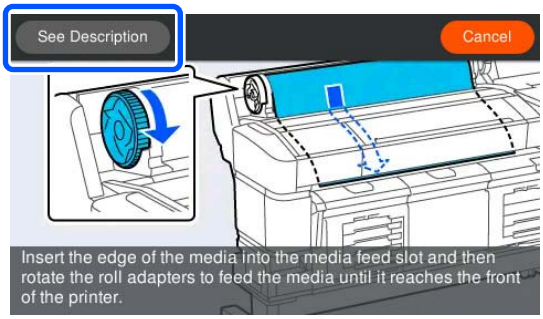
Epson Video Manuals

1 Check that **Load the media.** is displayed on the screen, and then press .



2 Press **Start** - **See Description** on the screen to view the procedure.

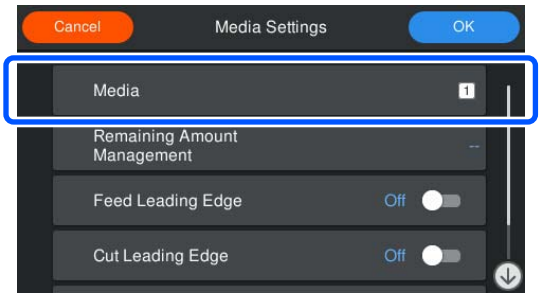
Follow the on-screen instructions to perform the procedure.



Select Settings for Loaded Media

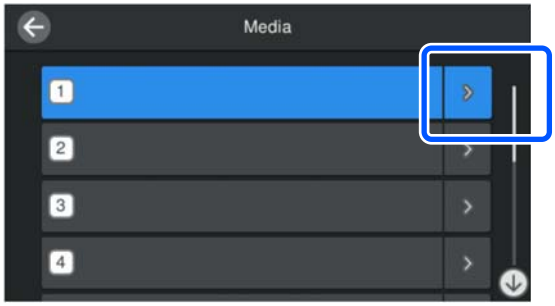
Select settings for the loaded media.

1 Press **Media** to select the registered media number that contains the settings corresponding to the loaded media.



When Media Settings have not been registered for the loaded media

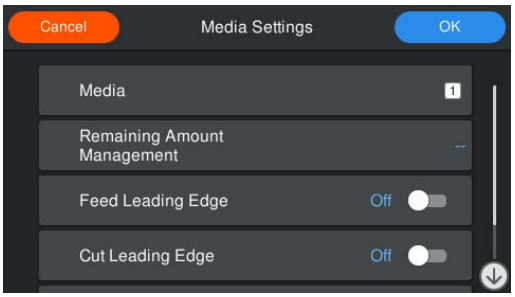
Press › - **Edit** - **Media Type** on the screen where the registered media number is displayed. Select the **Media Type** appropriate for the loaded media.



When Media Settings have been registered for the loaded media/EMX files have already been downloaded

Select the registered media number.

2 If necessary, select the operation to be performed when feeding paper.



The following provides the details of each operation.

Cut Leading Edge	Set this to **On** if the leading edge of the loaded media is not horizontal or not cut neatly. The leading edge of the media is cut when paper feeding starts.
Feed Leading Edge	Set this to **On** when the amount of media remaining is printed on the leading edge of the loaded media. The printed part is fed to the leading edge of the media when paper feeding starts.

Note:
*When the printer is ready to print, set **Remaining Amount Management** and **Media Detection** if necessary.*

Remaining Amount Management

*To select settings, press (menu) on the screen, and then press **Media Settings** - **Remaining Amount Management**.*

"Media Settings Menu" on page 83

Media Detection

*To select settings, press (menu) on the screen, and then press **General Settings** - **Printer Settings** - **Media Detection**.*

"General Settings Menu" on page 75

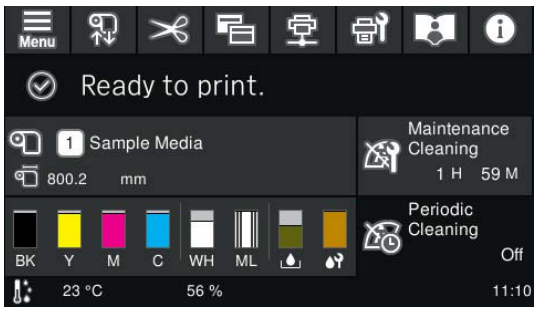
3 When the settings are complete, press **OK**.

Paper feeding starts.

Note:
*If no **Media Type** is registered, press **OK** to display a screen for selecting a **Media Type**.*

Printing

When **Ready to print.** is displayed on the screen, you can start printing.



Note:
If you are using a shaker that allows the media to slacken between the printer and the shaker, and you need to replace an ink supply unit during printing, see the following for instructions on replacing the ink supply unit.

"When it is necessary to replace the ink supply unit during printing (only when using the shaker)" on page 60

Cutting Media

This printer is equipped with a built-in cutter. There are two types of cutting methods.

Auto Cut

The built-in cutter automatically cuts each time a page is printed.

The factory default setting is **Off**.

Also, when **Wait for Cut Between Pages** is set to **On**, you can automatically pause printing between jobs until cutting is complete. This is useful when you want to cut between jobs during continuous printing.

Setting Auto Cut "Setting Auto Cut" on page 40

Manual Cut

Specify the cutting position on the control panel.

On the cutting screen, you can set the cutting wait time from 2 to 15 seconds. This is useful because it allows you to set enough time to support the media with your hands to prevent it from falling.

"Performing Manual Cut" on page 40

Setting Auto Cut

Press (menu) on the control panel, and then set **General Settings** - **Printer Settings** - **Cut Settings** - **Auto Cut** to **On**.

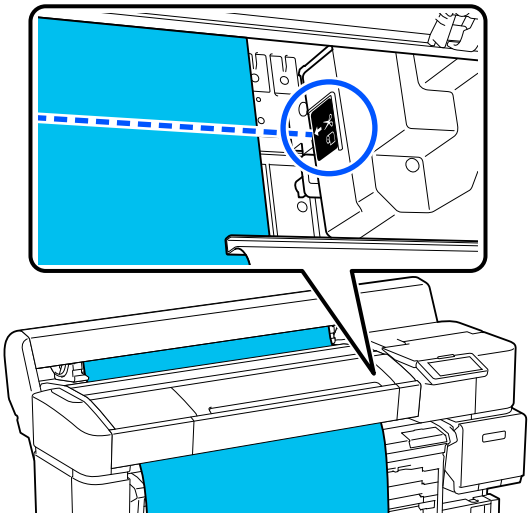
Performing Manual Cut

When **Auto Cut** is set to **Off**, follow the steps below to cut after printing or when replacing media.

1 On the control panel screen, press .

The Cut screen is displayed.

The cut is made at the dotted line shown in the illustration. To adjust the cutting position, while viewing the interior of the printer without opening the printer cover, press the / buttons to align the media to be cut with the mark on the right side of the printer's interior.



Note:
The minimum length of media that can be cut with the built-in cutter is fixed at 100 mm (3.94 in.) and cannot be changed.

If the cutting position is shorter than the length above, the media has to be automatically fed to a length at which it can be cut which will create a margin. Cut off the margin with a cutter sold at a store.

2 On the cutting screen, set the **Timer** to **On** or **Off**.

When cutting after printing, we recommend setting **Timer** to **On**. When set to **On**, you can set the time (2 to 15 seconds) before cutting starts, allowing you enough time to support the media with your hands to prevent it from falling.

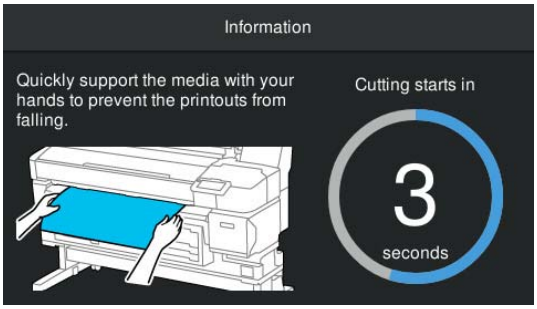
Also, the default setting for **Timer** is **On**. The default waiting time is 4 seconds.



3 Support the media with your hands to prevent it from falling to the floor, and then press **Cut**.

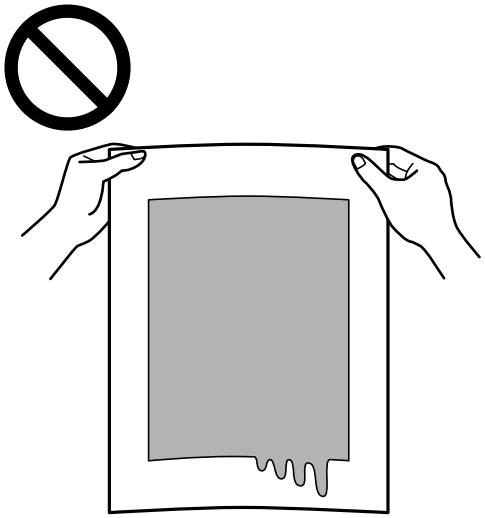
The media is cut.





Important:

Tilting or raising the media straight up after printing may cause ink to drip.



Removing Media

This section explains how to remove media in two scenarios: when replacing media that has run out, and when replacing media while some still remains.

See the appropriate section below according to your needs.

"Removing Media When that has Run Out" on page 41

"Removing Media During Use" on page 41

Removing Media When that has Run Out

The control panel screen displays a "media out" error when media runs out during printing.

Press **How To...** on the screen to display media-cutting instructions. Follow the on-screen instructions.



After cutting the media, press **Next** and pull the cut media down to remove it, ensuring that any undried printed parts do not enter inside the printer.

Removing Media During Use

This section describes how to remove and store media after printing, such as when replacing media. The rollers may crease media left in the printer.

If the media has not been cut, cut it first to prevent undried printed parts from sticking to the inside of the printer, and then remove the media from the printer.

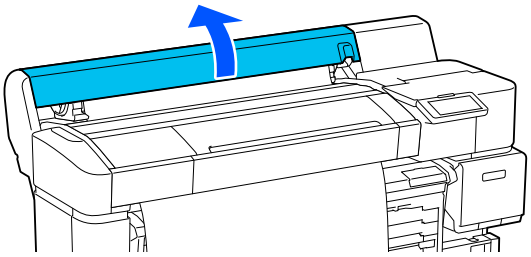
"Cutting Media" on page 39

> ***Important:***
> *Do not put undried printed media inside the printer. The inside may become dirty, and ink may stick to the media the next time you print.*

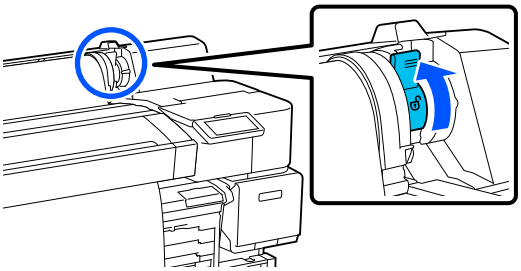
1 Check that the printer is ready to print, and then press ▼ - **Start** - **Next** on the control panel screen.

A message prompting you to remove the media is displayed.

2 Open the media cover.

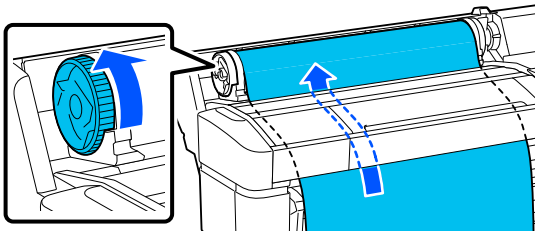


3 Raise the roll lock lever.

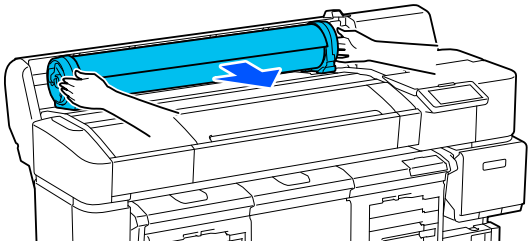


4 On the control panel screen, press **Finish**.

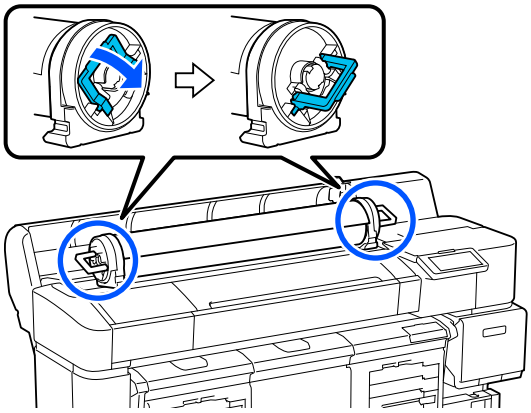
5 Rotate the roll adapter to take-up the media.



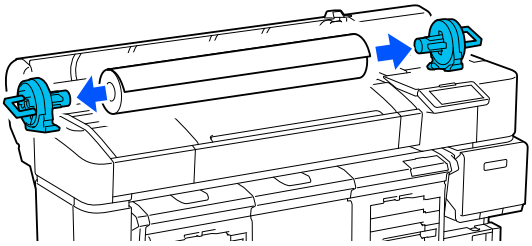
6 Holding the roll adapters on both sides, move the media to the roll rest.



7 Raise the adapter lock levers to release the roll adapters.

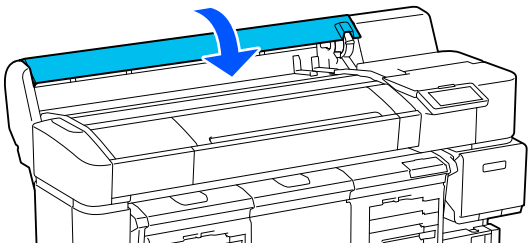


8 Remove the roll adapters.



After rewinding the media carefully, store it in its original packaging.

9 Close the media cover.



Optimizing Media Settings (Print Head Alignment and Media Feed Adjustment)

Perform this once before using the media settings registered to the printer.

Optimize the media settings (Print Adjustments) to correct individual differences in your media and printer so that you can perform optimal printing using your media and printer combination.

Optimize Media Settings in the following cases.

When media settings for downloaded EMX files are registered to the printer.

When changing Advanced Settings after saving Media Settings

To optimize Media Settings, load the media in the printer using the method you will use to actually print, and then perform Print Head Alignment and Media Feed Adjustment.

Make sure you perform both Print Head Alignment and Media Feed Adjustment.

Print Head Alignment

This printer prints by firing drops of ink while moving the print head. There is a small distance (gap) between the media surface and the print head, and the printing position of the ink may become misaligned due to changes in the media thickness, temperature, humidity and the inertial force when the print head moves.

You can use Print Head Alignment to adjust any misalignments in the printing position to improve misaligned ruled lines or graininess in the printouts.

Notes when performing Print Head Alignment

Adjustments are made based on the media loaded in the printer.

Make sure you select the name you set when you registered the media settings to this printer, or the name set in Media Management from the Settings menu in Select Media.

The minimum adjustable media width is 254 mm (10 in.).

Make sure nozzles are not clogged before adjusting.

If nozzles are clogged, adjustments will not be performed correctly. Print and visually inspect the check pattern, and then perform Head Cleaning if necessary.

“Clearing Clogged Nozzles” on page 65

Procedure for Print Head Alignment

1. Check that the printer is ready to print, and load the media using the method you will use to actually print.

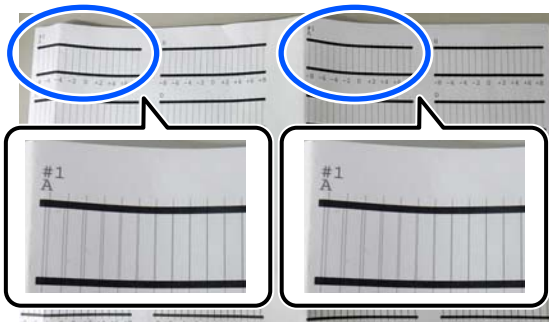
   “Loading Media” on page 38

2. Press Menu (menu), and then press **Media Settings** - **Print Adjustments** - **Print Head Alignment**.

3. Press **Start**.

   An adjustment pattern is printed. Wait until printing is complete.

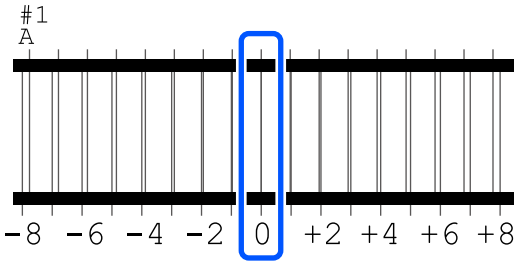
4. Check the printed #1A adjustment pattern.



In the illustration above, #1A is in two locations, but the number printed depends on the media width.

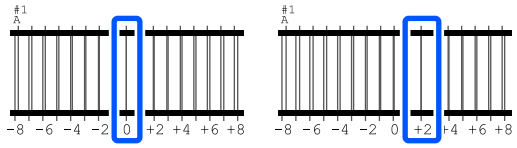
5 Check the number of the pattern with the finest lines (the lines overlap).
This would be pattern 0 in the example shown in the following illustration.

Check the number of the adjustment patterns with the finest lines in all #1 A patterns.



6 Find the average value for all #1A adjustment patterns.

Example: When two adjustment patterns have been printed



(0+2) / 2 = 1

Note:
If the value you get is not an integer, round it to the integer.

(1+2) / 2 = 1.5 → 2

7 The screen for entering confirmation results for the adjustment pattern is displayed.

Press − / + to set the average value you obtained in step 6.

8 Repeat steps 5 to 7 for #1B, and then press **OK**.

When adjustments are complete, the Home screen is displayed.

Media Feed Adjustment

This menu is also used when banding (horizontal banding, tint unevenness, or stripes) is detected in printing results.

You can select from **Manual(Standard)** or **Manual(Measurement)** to perform adjustments.

Manual (Standard)

Usually, select this option.

Manual (Measurement)

Select this option in the following cases.

- ❏ When banding can be seen in the print results even after performing adjustments for Manual(Standard)
- ❏ When it is difficult to check the patterns for Manual(Standard) due to bleeding ink
- ❏ When you want to print with accurate length

The approximate length of the media required to print the test pattern is given below.

When performing **Manual(Standard)**: Approx. 190 mm (7.48 in.)
When performing **Manual(Measurement)**: Approx. 560 mm (22.0 in.)

Adjustment Procedure

1 Check that the printer is ready to print, and load the media using the method you will use to actually print.

☞ "Loading Media" on page 38

2 Press Menu (menu), and then press **Media Settings** - **Print Adjustments** - **Media Feed Adjustment** - **Manual(Standard)** or **Manual(Measurement)**.

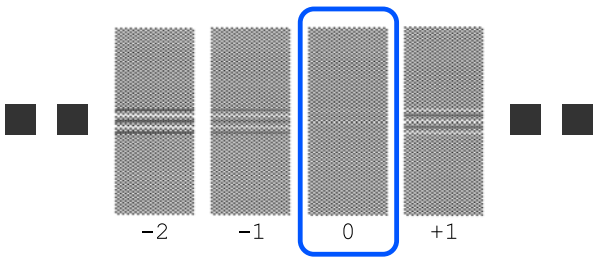
3 Press **Start**.

An adjustment pattern is printed. Wait until printing is complete.

4 Check the printed adjustment pattern.

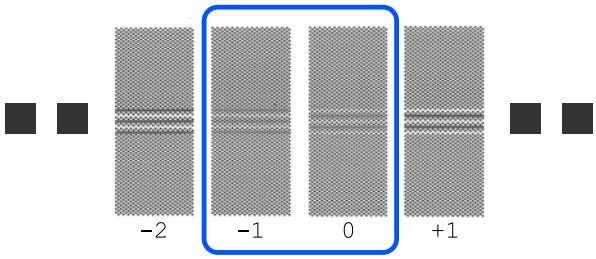
When Manual(Standard) is selected

Two groups of adjustment patterns, A and B, are printed. Select the pattern with the least amount of overlapping or gaps for each group. For example, you would select "0" for the pattern below.



If all adjustment patterns have overlapping or gaps and you cannot narrow them down to one, select the pattern with the least amount of overlapping or gaps.

If two patterns with the least overlapping or gaps are similar, use the number in between the patterns to calculate the value. For example, you would enter "-0.05" for the pattern below.



Perform steps 2 to 5 again, and repeat them until a pattern with no overlapping lines or gaps is printed.

If the pattern is difficult to check, such as if the ink bleeds, enter "0.00" once.

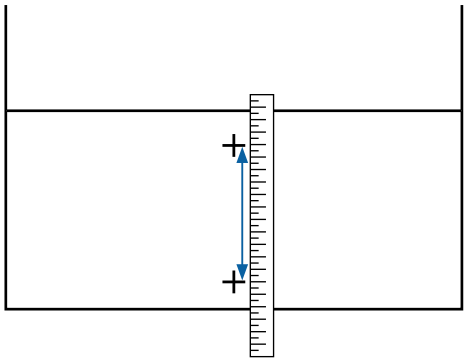
In this situation, the media feed is not adjusted. Continue to step 5 to complete Manual(Standard), and then perform Manual(Measurement).

When Manual(Measurement) is selected

An adjustment pattern is printed.

Cut after the adjustment pattern, spread it out on a flat surface, and then measure it using a scale.

Use a ruler that can measure in increments of at least 0.5 mm (0.02 in.). We also recommend using a ruler that can measure up to at least 500 mm (20.0 in.).



5 The screen for entering confirmation results for the adjustment pattern is displayed.

When Manual(Standard) is selected

Set the values you selected for patterns in A and B, and then press **OK**.

When Manual(Measurement) is selected

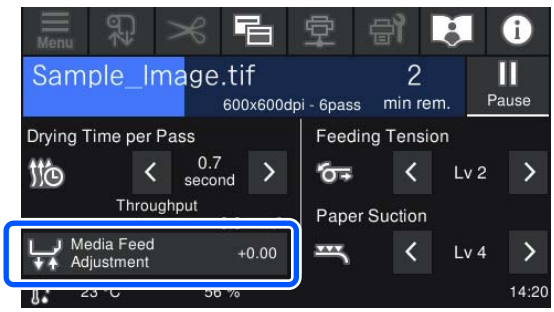
Set the value measured in step 4, and then press **OK**.

When adjustments are complete, the Home screen is displayed.

Adjusting the Amount of Media Fed While Printing

You can perform fine adjustments for the amount of media fed while printing. Adjusting while printing allows you to quickly check the adjustment results.

1 During printing, press the following area on the home screen (adjust while printing).



If the home screen (adjust while printing) is not displayed, press (switch screens) on the home screen.

2 Press / on the screen, or press the / buttons on the control panel to change the value.

If the feed amount is too small, black bands (dark stripes) appear; press the (or the button) to adjust the feed amount upwards.

In contrast, if the feed amount is too large, white bands (pale stripes) appear; press the (or the button) to adjust the feed amount downwards.

3 Check the print results and repeat step 2 if you feel the issue is not completely resolved.

The setting for the currently selected registered media number is updated.

4 Press to return to the home screen.

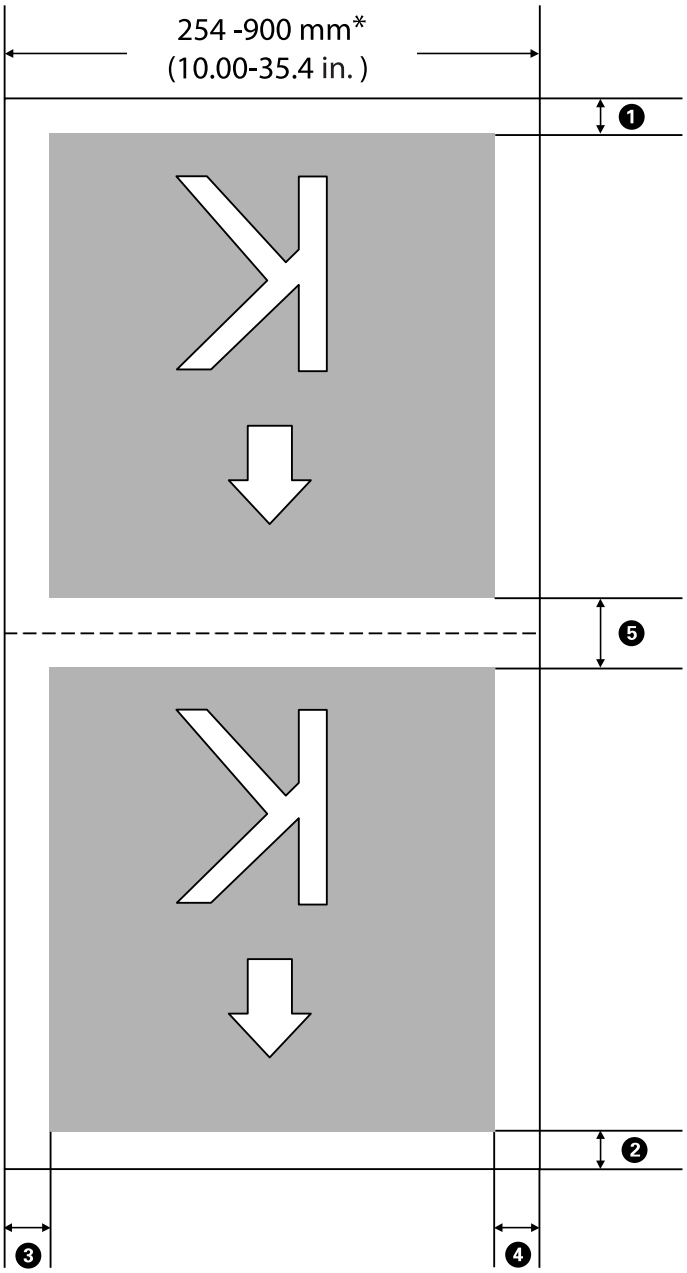
> ***Note:***
> *The results of changing the settings are undone if you perform any of the following operations.*
>
> ❏ *Restart **Media Feed Adjustment**.*
>
> ❏ *Execute **Clear All Data and Settings**.*

When you have finished the target printing, we recommend performing **Print Adjustments** from the settings menu.

“Optimizing Media Settings (Print Head Alignment and Media Feed Adjustment)” on page 43

Printable Area

The gray area in the illustration below shows the printable area. The arrow indicates the feed direction.



* When **Width Detection** is set to **Off**, the value you set is used.

“General Settings Menu” on page 75

See the following table for more details on ❶ to ❺.

Margin Position	Explanation	Available Setting Range
❶ Trailing edge*1, *4	The value set in **Bottom Margin** from the printer's Printer Settings menu. Applied before automatic cutting after printing.	5 to 150 mm (0.20 to 5.91 in.)
❷ Leading edge*1	The value set in **Top Margin** from the printer's Printer Settings menu. Applied before printing after loading media or cutting.	5 to 35 mm (0.20 to 1.38 in.)
❸ Right edge*2, *3	The value set in **Right Margin** from the printer's Printer Settings menu.	3 to 25 mm (0.12 to 0.98 in.)
❹ Left edge*2, *3	The value set in **Left Margin** from the printer's Printer Settings menu.	3 to 25 mm (0.12 to 0.98 in.)
❺ Between pages*1, *4	The value set in **Margin Between Pages** from the printer's Printer Settings menu. Applied when printing continues without automatic cutting after printing (half of the value set for after printing and half for before printing).	5 to 999 mm (0.20 to 39.33 in.)

*1 The set margin and the actual print results may differ depending on the RIP being used. Contact the RIP manufacturer for more information.

*2 This may be available in the RIP depending on the RIP software being used. Contact the RIP manufacturer for more information.

*3 If the total of the print data width and set left and right margins exceeds the printable area, a portion of the data will not be printed.

*4 Automatic cutting may be available in the RIP depending on the RIP software being used. Contact the RIP manufacturer for more information. If the RIP does not have an automatic cutting setting, the printer's Auto Cut setting is applied.

Note:
*When **Width Detection** is set to **Off**, make sure that the set value does not exceed the width of the loaded media. If the set value is larger than the media width, the printer may print beyond the left or right edges of the media. Ink applied outside the edges of the media will stain the inside of the printer.*

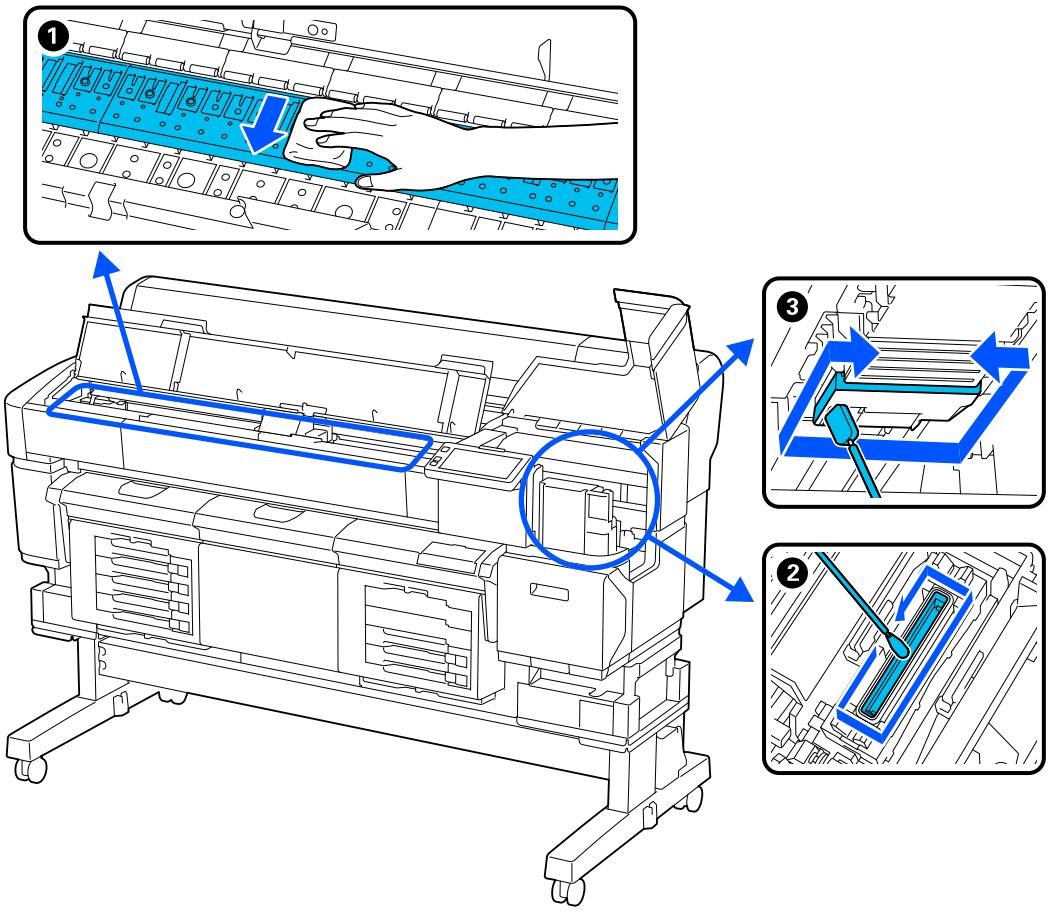
Maintenance

When to Perform Various Maintenance Operations

To maintain the print quality of the printer, you need to perform cleaning and replace consumables.

If maintenance is not performed, print quality may decline, the printer's service life may be reduced, or you may be liable for the cost of any repairs. Always perform maintenance when a message is displayed on the screen.

Cleaning Locations and Cleaning Timing

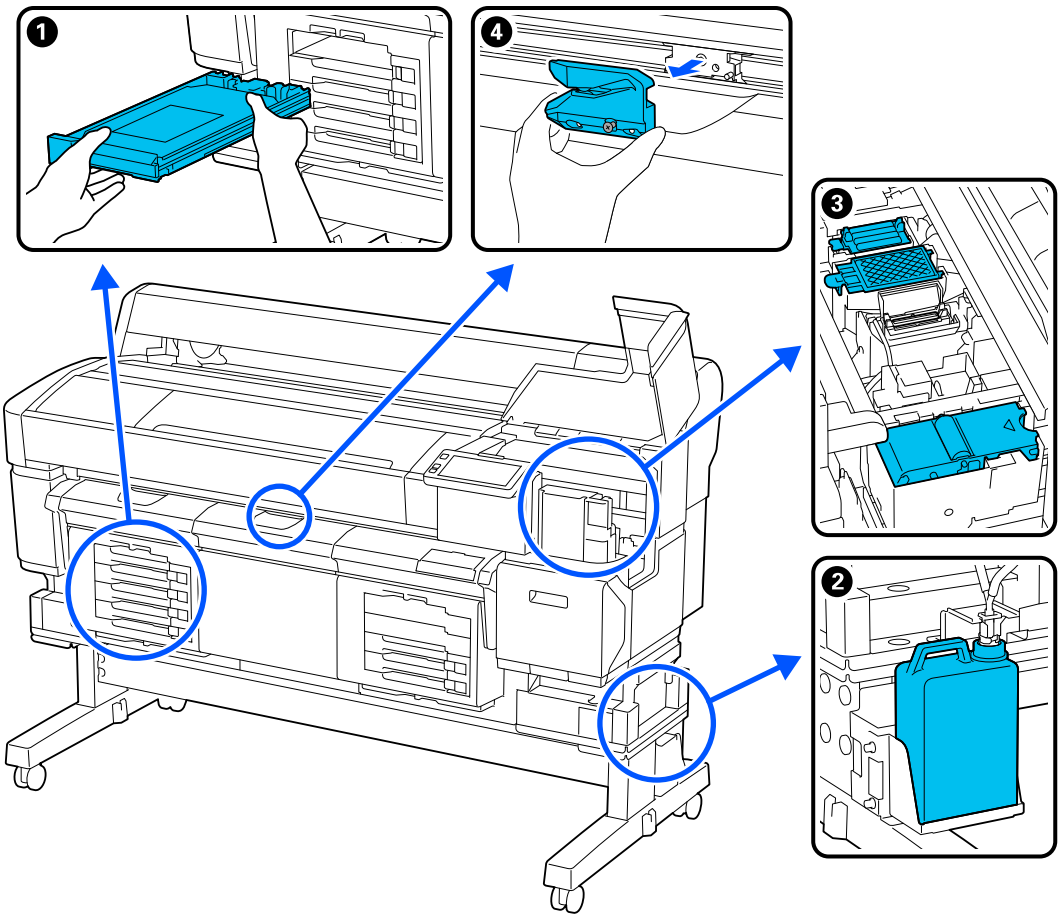


When to perform	Component to be cleaned
Daily	❶ Platen "Cleaning the Platen" on page 56
When the message **It is time to clean the Suction Cap.** is displayed on the control panel screen *	❷ Around the suction cap "Cleaning Around the Suction Cap" on page 55 You can check the procedure in a video on YouTube. Epson Video Manuals

When to perform	Component to be cleaned
❑ The printing surface and other areas are soiled even after cleaning around the suction cap ❑ When there are printout problems even after Head Cleaning	❸ Around the print head ☞ "Cleaning Around the Print Head" on page 54 You can check the procedure in a video on YouTube. Epson Video Manuals

*If this message is displayed frequently, contact your dealer or Epson support.

Locations of Consumables and Replacement Timing



When to perform	Component to be replaced
When the message **You need to replace Ink Supply Unit.** is displayed on the control panel screen	❶ Ink supply unit ☞ "Replacing Ink Supply Units" on page 59
When a prepare and replacement message is displayed on the control panel screen	❷ Waste ink bottle ☞ "Disposing of Waste Ink" on page 61 ❸ Head Cleaning Set (wiper unit, capping station, flushing pad) ☞ "Replacing the Head Cleaning Set" on page 63
When the media is not cut neatly/Cut edges are frayed	❹Auto cutter blade ☞ "Replacing the Auto Cutter Blade" on page 64

Other Maintenance

When to perform	Operation
❏ Before starting printing operations for the day (White ink only) ❏ When the message **Ink shaking is needed. Shake the Ink Supply Unit which ⚠ / ⊗ is displayed.** is displayed.	Shaking the Ink Supply Unit ☞ "Shaking the Ink Supply Units Periodically" on page 58
❏ When checking if nozzles are clogged ❏ When checking which colors are clogged ❏ When horizontal stripes/tint unevenness (banding) appear in the print results	Checking for clogged nozzles ☞ "Checking for Clogged Nozzles" on page 65
❏ When printouts are blurred or parts are missing ❏ When a clog is found after checking for clogged nozzles	Print Head Cleaning ☞ "Print Head Cleaning" on page 66
When the printer will not be used for an extended period (more than 2 weeks) and will be switched off	Pre-Storage Maintenance ☞ "Pre-Storage Maintenance for Long-Term Non-Use" on page 67

What You'll Need

Have the following items ready before beginning cleaning and replacement.

When the supplied parts have been completely used, purchase new consumables.
Use genuine parts when replacing ink supply units or performing maintenance.

"Options and Consumable Products" on page 107

If your gloves have worn out, use commercially available nitrile gloves.

Protective eyeglasses (not included)

Protects your eyes from ink and ink cleaner.

Mask (not included)

Protects your nose and mouth from ink and ink cleaner.

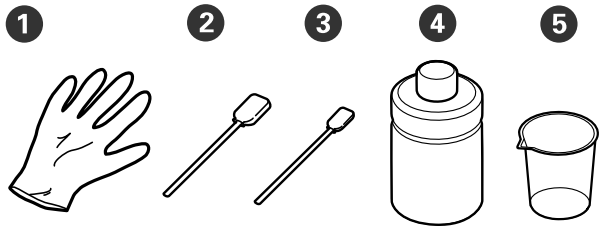
Tweezers (supplied with the printer)

Use this to remove waste liquid clumps or film

Maintenance kit (supplied with the printer)

Use this to clean around the capping station and print head.

The set contains gloves, cleaning sticks, ink cleaner, and a cup.



❶ Gloves (x4)

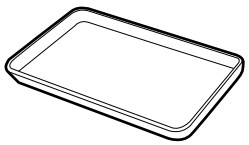
❷ Cleaning stick (wide) (x25)

❸ Cleaning stick (narrow) (x25)

❹ Ink cleaner (x1)

❺ Cup (x1)

Metal or plastic (PP/PE) tray (not included)



Use this to place cleaning utensils, removed consumables, or the cup when it contains ink cleaner.

Soft cloth (not included)

Use for cleaning the platen. Use material that is not likely to generate lint or static electricity.

Distilled water (not included)

You can use dstilled water as a substitute for ink cleaner.

Precautions Regarding Maintenance

Note the following points when cleaning and replacing parts.

Caution:

- *During maintenance, wear protective clothing, including protective eyewear, gloves, and a mask.*
  Should ink, waste ink, or ink cleaner come into contact with your skin or enter your eyes or mouth, take the following actions:
  - *If fluid adheres to your skin, wash it off using a large volume of soapy water. If you notice any reaction developing in the affected area, consult with a qualified physician immediately.*
  - *If ink gets into your eyes, wash them out immediately with water. Failure to observe this precaution could result in bloodshot eyes or mild inflammation. Consult with a qualified physician if any other problems should develop.*
  - *If fluid enters your mouth, consult with a physician as soon as possible.*
  - *If swallowed, do not induce vomiting. Consult with a physician as soon as possible. If vomiting is induced, vomited material may enter the windpipe, which is dangerous.*
- *Store ink supply units, waste ink, ink cleaner, and cleaning ink supply units out of the reach of children. Do not drink the ink. Do not drink the ink.*

- Remove the media from the printer before proceeding.
- Never touch the belts, circuit boards, or any parts that do not require cleaning. Failure to observe this precaution could result in malfunction or reduced print quality.
- Do not use anything other than the supplied or consumable cleaning sticks. Other types of cleaning sticks that produce lint will damage the print head.
- Always use fresh cleaning sticks. Reusing sticks can make stains even harder to remove.
- Do not touch the tips of the cleaning sticks. Oil from your hands could damage the print head.
- Touch a metallic object before starting work, to discharge any static electricity.

Performing Regular Cleaning

Using Ink Cleaner

Soak a cleaning stick in the ink cleaner and use it to clean around the suction cap and the print head.

Important:

- *Do not use it to clean any areas other than those specified. Doing so may result in damaged parts.*
- *Depending on the usage and storage environment, the ink cleaner may change color after opening.*
- *If you notice that the ink cleaner has changed color or emits a bad odor, stop using the cleaner and open a new maintenance kit.*
- *Make sure you close the lid securely after use, and avoid storing the ink cleaner in locations subject to high temperatures, high humidity, and direct sunlight.*
- *Do not use ink cleaner that has already been used to clean something else. Using dirty ink cleaner will cause stains.*
- *Used ink cleaner is classified as industrial waste. Dispose of it in the same way as waste ink.*
  Disposal of used consumables *"Handling Used Consumables" on page 65*

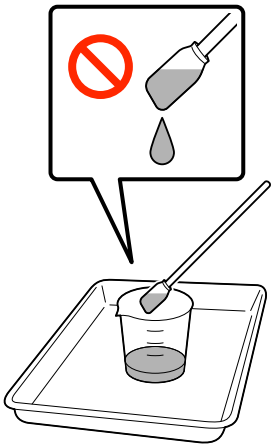
1 Remove the lid from the ink cleaner.

2 Place the cup supplied with the maintenance kit on the tray, and then pour ink cleaner into the cup up to the bottom line.



3 Dampen the cleaning stick with ink cleaner.

When doing this, make sure that ink cleaner does not drip from the cleaning stick.



Cleaning Around the Print Head

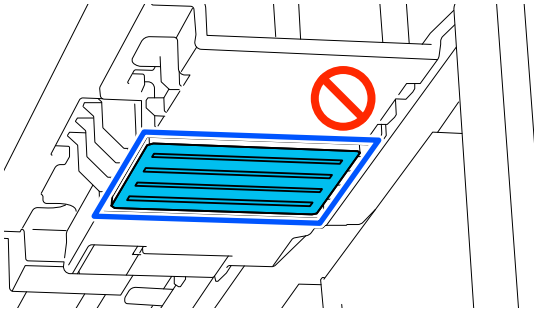
If the printing surface and other areas are dirty even after performing **Head Cleaning** several times, dust may have accumulated around the print head. Follow the steps below to clean it.

Precautions When Cleaning

Important:

Failure to observe the following points may cause a malfunction to occur.

- ❏ *Do not move the print head manually.*
- ❏ *Do not touch the nozzle surfaces (the ▭ part in the illustration) with the cleaning stick.*



- ❏ Before starting this procedure, be sure to read the following:
"Precautions Regarding Maintenance" on page 52

- ❏ If it is difficult to remove dirt around the print head, rinse the dirty cleaning stick with ink cleaner and then clean it again. If the cleaning stick is dirty at this time, replace it with a new one.

Note:

The buzzer sounds 10 minutes after the print head is moved (default setting).

*Check the message on the screen, press **OK**, and then continue working.*

Cleaning

You can check the procedure in a video on YouTube.

Epson Video Manuals

1 Make sure the printer is on.

2 Press (Maintenance), **Cleaning the Maintenance Parts** - **Around the Head**.

3 Check the message, and then click **Next**.

4 Press **How To...** to view the procedure.

Follow the on-screen instructions to perform the procedure.

5 After cleaning is finished, close the printer cover and the maintenance cover, and then press **Done** on the control panel screen.

The print head returns to its normal position, and the Settings menu closes.

After you finish cleaning, we recommend checking for clogged nozzles.

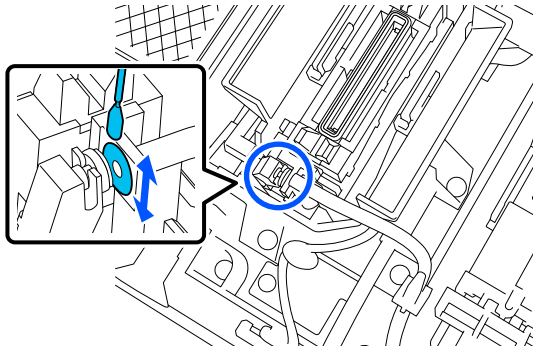
☞ "Checking for Clogged Nozzles" on page 65

Disposal of used consumables ☞ "Handling Used Consumables" on page 65

Cleaning Around the Suction Cap

When it is time to clean around the suction cap, **It is time to clean the Suction Cap.** is displayed on the control panel screen. If you continue to use the printer without cleaning, it will become harder to clear the nozzles and print quality may decline. Even if the message is not displayed, clean around the suction cap if the printing surface is soiled with ink.

When cleaning around the suction cap, as well as cleaning the suction cap itself, also wipe off any ink stains on the tube entrance as shown in the illustration.



Precautions When Cleaning

Important:

- ❏ *Do not move the print head manually. A malfunction may occur.*
- ❏ *Do not rub the cap section with too much force. Scratches may cause air leaks, and prevent Head Cleaning from being performed correctly.*
- ❏ *Do not use any tweezers other than the supplied pair, such as metal tweezers.*
- ❏ *Carefully wipe off any dirt from the edges of the suction cap until you can see the color of the cap.*
  If dirt is left, it creates a gap between the cap and the print head that causes a decrease in suction strength and the print head nozzles could become clogged.

- ❏ Before starting this procedure, be sure to read the following:
  ☞ "Precautions Regarding Maintenance" on page 52

- ❏ If it is difficult to remove dirt, rinse the dirty cleaning stick with ink cleaner and then clean it again. If the cleaning stick is dirty, replace it with a new one.

Note:
The buzzer sounds 10 minutes after the print head is moved (default setting).

*Check the message on the screen, press **OK**, and then continue working.*

Cleaning

You can check the procedure in a video on YouTube.

Epson Video Manuals

1 Check the messages displayed on the printer's screen, and then press **Cleaning**.

When the message is not displayed, press (Maintenance), **Cleaning the Maintenance Parts** - **Suction Cap**.

2 Check the message, and then press **Start**.

The print head moves to the maintenance position.

3 Press **How To...** to view the procedure.

Follow the on-screen instructions to perform the procedure.

4 After cleaning is finished, close the maintenance cover, and then press **Done** on the control panel screen.

The print head returns to its normal position, and the Settings menu closes.

After you finish cleaning, we recommend checking for clogged nozzles.

☞ "Checking for Clogged Nozzles" on page 65

Disposal of used consumables ☞ "Handling Used Consumables" on page 65

Cleaning the Platen

The platen becomes dirty when paper particles or ink stick to it. We recommend cleaning the platen daily because the media will become dirty if there is ink stuck to the platen.

Read the following before starting this procedure.

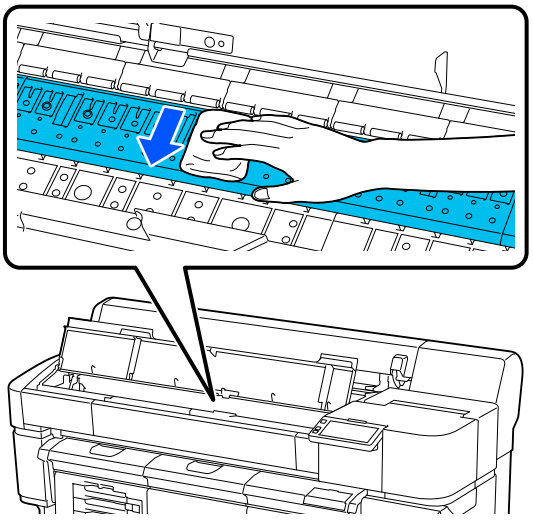
☞ "Precautions Regarding Maintenance" on page 52

1 After removing the media, make sure the printer is turned off and the screen has turned off, and then unplug the power cable from the outlet.

2 Wait for one minute after unplugging the power cable.

3 Open the printer cover and use a soft, clean cloth to carefully clean away any dust or dirt inside the printer.

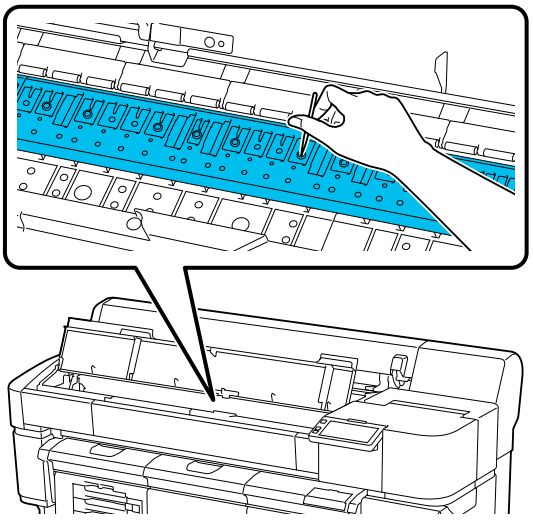
Carefully wipe the platen. To avoid spreading the dirt, wipe from the inside to the outside. If there is a serious dirt problem, clean it using a soft, clean cloth dampened with a mild detergent. Then, wipe the inside of the printer with a dry, soft cloth.



Important:

Be careful not to touch the ink tubes inside the printer, otherwise, the printer may be damaged.

4 If any paper particles (that look like white powder) accumulate on the platen, use a point object, such as a toothpick, to push them in.



5 When you have finished cleaning, close the printer cover.

The printable surface is still dirty even after cleaning the platen

The rollers may be dirty with ink or paper dust. This section explains how to clean the rollers.

See the appropriate section below according to your needs.

“When rollers are stained with ink” on page 57

“When rollers are dirty with paper dust” on page 57

When rollers are stained with ink

Follow the steps below to clean the rollers by feeding and ejecting media.

1 Turn on the printer, and load the widest available media.

“Loading Media” on page 38

2 Press the ↳ button.

The media is fed while the ↳ button is pressed. Continue feeding until the media is no longer dirty.

3 Use a cloth to wipe off any dirt from the rollers.

Dampen a soft, clean cloth with water and a small amount of neutral detergent, wring the cloth out, and then wipe the dirty areas of the rollers. Next, wipe the area with a soft, dry cloth.

Cut the media after cleaning is done.

“Cutting Media” on page 39

When rollers are dirty with paper dust

When the rollers are dirty with paper dust as shown below, remove the dust using low-adhesive tape.



Important:

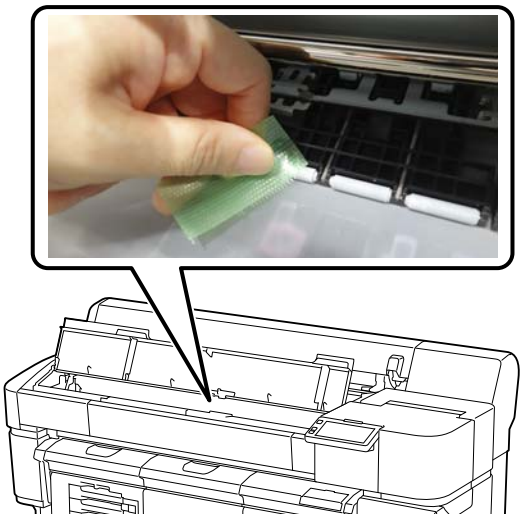
- ❏ *Do not clean the rollers while they are raised. Doing so may damage the rollers.*
- ❏ *Do not clean the rollers with strong adhesive tape. Doing so may detach the rollers.*

1 Turn on the printer and load the media.

“Loading Media” on page 38

2 Open the printer cover and remove any dirt from the rollers using low-adhesive tape.

To clean dirt from parts of the rollers that are not visible, rotate the rollers using the [↳] button and remove dirt in the same way using low-adhesive tape.



If rollers are still dirty after performing the above procedure

Use a soft, clean cloth dampened with water and a small amount of neutral detergent and wrung tight, and wipe the dirty areas of the rollers. Next, wipe the inside of the printer with a soft, dry cloth.

Cut the media after cleaning is done.

☞ "Cutting Media" on page 39

Shaking the Ink Supply Units Periodically

If a message is displayed informing you that it is time to shake the ink, remove the ink supply unit immediately and shake it.

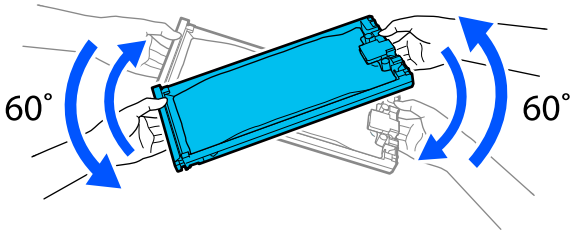
> ***Important:***
> *Due to characteristics of the ink supply units and the ink used in this printer, it is prone to gradual sedimentation (components settling to the bottom of the liquid). If ink settles, tint unevenness and nozzle clogs occur. Shake ink supply units periodically after installing them.*

After installing an ink supply unit in the printer, a message prompting you to shake the unit is displayed at the following intervals.

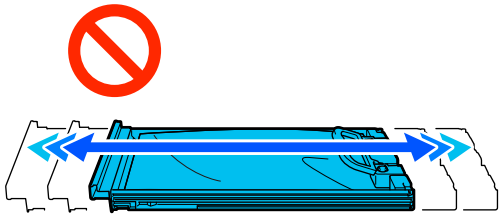
- ❏ White ink (WH): Once every 24 hours
- ❏ Other inks: Once every three weeks

Precautions When Shaking

- ❏ Place your hand on the bottom of the ink tray while removing it. If you use only one hand, the weight of the tray may cause it to fall, and be damaged.
- ❏ When shaking the ink supply unit, set it in the ink tray and shake it up and down at an angle of about 60 degrees 5 times in 5 seconds as shown in the following illustration.



- ❏ Do not forcefully shake or swing ink supply units or ink trays containing ink supply units. Ink could leak.



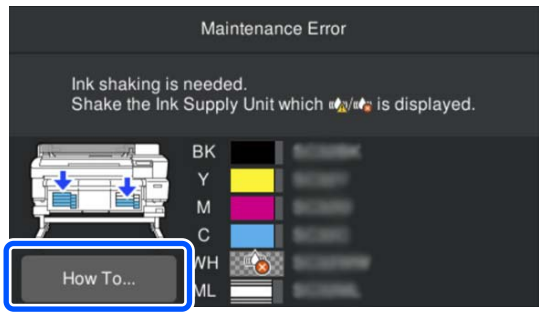
- ❏ Removed ink supply units may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the ink supply units.

Shaking

If a message is displayed informing you that it is time to shake the ink, you can check the procedure on the control panel while shaking the ink supply unit.

When a message is displayed at full screen size

Press **How To...** to view the procedure.

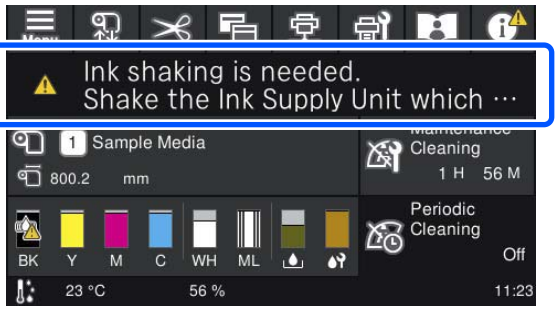


> ***Note:***
> *If **Close** is displayed in the top left corner of the screen, you can close the screen and shake later. If Close is not displayed as shown in the illustration, you cannot perform any operations, including printing, until you shake the ink supply unit.*

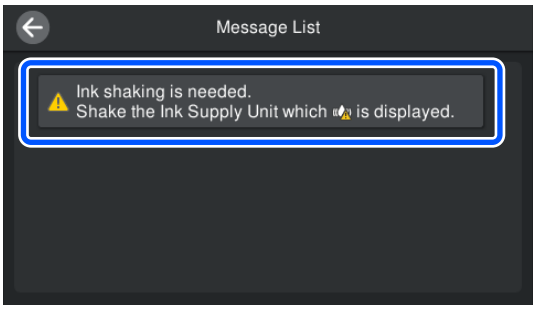
When a message is displayed in the status display area

The following steps will guide you through the procedure.

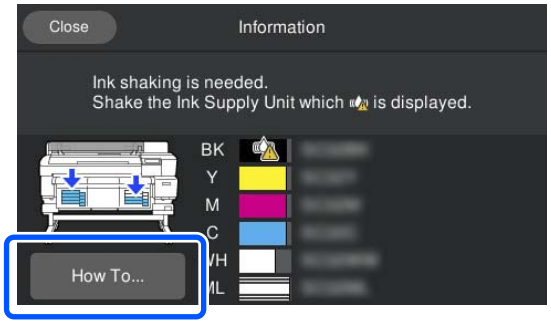
1 On the screen, press the status of consumables area.



2 In the **Message List**, press the message informing you that it is time to shake the ink.



3 Press **How To...** to view the procedure. Follow the on-screen instructions to perform the procedure.



Replacing Ink Supply Units

> ***Important:***
> *Epson recommends the use of genuine Epson Ink Supply Units. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.*

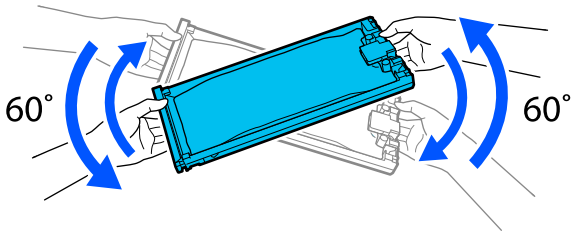
Precautions When Replacing

> ***Important:***
> *When using White ink, immediately replace the ink supply unit with a new one if **You need to replace Ink Supply Unit.** is displayed. If you do not address the ink warning, the print head or other parts may be damaged.*

- ❏ If one of the installed ink supply units is expended, printing cannot be performed. If ink is expended while printing, you can continue printing after replacing the ink supply unit. If you continue to use an ink supply unit that is running low, you may need to replace the ink supply unit while printing. If you replace it while printing, colors may look different depending on how the ink dries. If you want to avoid issues such as this, we recommend replacing the ink supply unit before printing. You can still use the removed ink supply unit in the future until the ink supply unit is expended.
- ❏ Insert all of the ink supply units into the ink trays. Printing is not possible or a malfunction may occur if even one of the ink trays does not contain an ink supply unit.
- ❏ When shaking the ink supply unit, set it in the ink tray and shake it up and down at an angle of about 60 degrees the following number of times as shown in the illustration below.

❏ White ink (WH): Approx. 25 times in 25 seconds

❏ Other inks: 15 times in 15 seconds

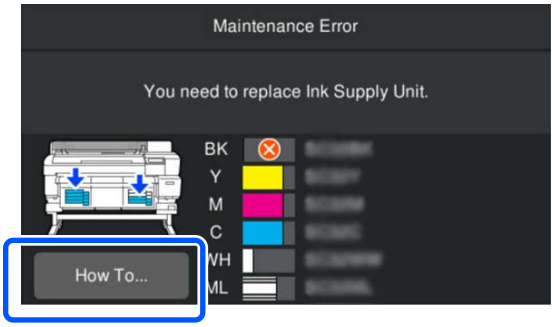


❏ You may not be able to use the built-in cutter if you replace the ink supply unit while the printer is being turned on. Cut the media with commercially available scissors.

Replacement Procedure

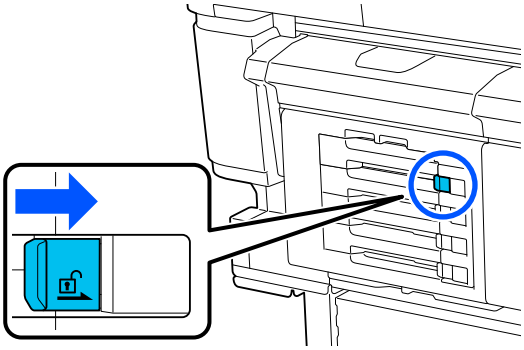
When a message prompting you to replace an ink supply unit is displayed

Press **How To...**. You can check the procedure on the control panel while replacing the ink supply unit.



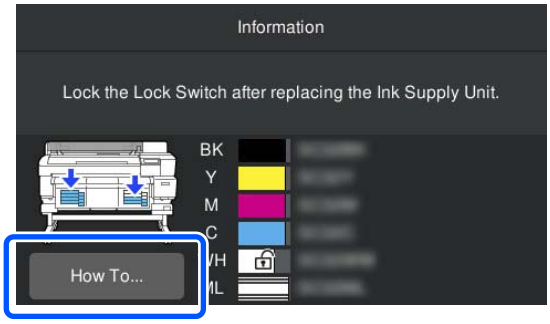
When you need to replace an ink supply unit because the amount of ink remaining is too low for the print job

1 Move the lock switch for the color you want to replace to unlock it.



2 Press **How To...** on the control panel screen to view the procedure.

Follow the on-screen instructions to perform the procedure.



Disposal of used consumables "Handling Used Consumables" on page 65

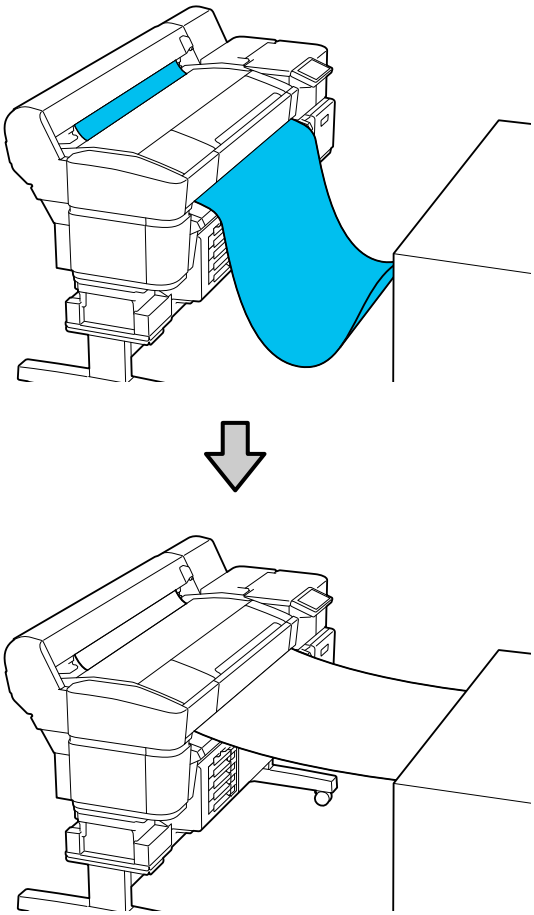
When it is necessary to replace the ink supply unit during printing (only when using the shaker)

When using a shaker that allows the media to slacken between the printer and the shaker, removing the slack in the media before replacing the ink supply unit will make the replacement process easier.

1 Make sure that printing has stopped.

If a message prompting you to replace the ink supply unit is displayed during printing, the printing pauses temporarily.

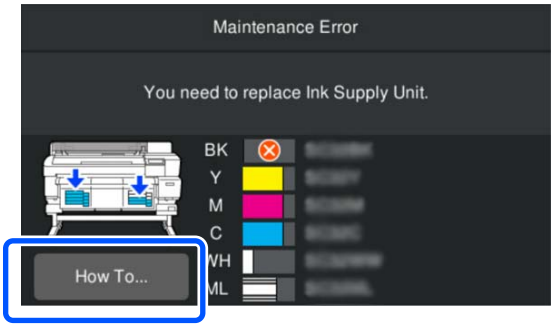
2 Continue shaking manually until the shaker removes the slack in the media.



> **Important:**
> *Be careful not to reduce the slack in the media too much, as this may cause the media to become overly tight. This may affect the print quality.*

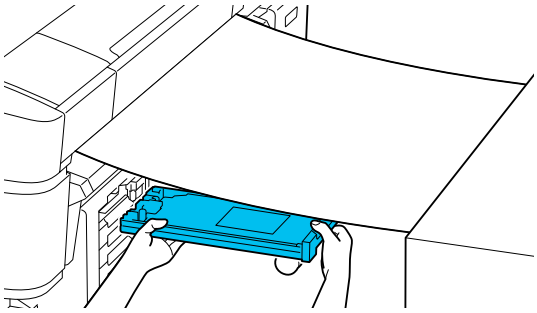
3 Press **How To...** on the control panel screen to view the procedure.

Follow the on-screen instructions to perform the procedure.



Perform the procedure by reaching your hands under the media.

Be careful not to touch the media.



4 After replacing the ink supply unit, set the shaker to auto and resume printing.

Disposing of Waste Ink

Precautions When Replacing the Waste Ink Bottle

- ❏ Make sure the waste ink tube is inserted in the mouth of the waste ink bottle. If the waste ink tube comes out of the bottle, waste ink will spill out.
- ❏ You will need the lid for the Waste Ink Bottle when disposing of waste ink. Keep the lid in a safe place; do not throw it out.
- ❏ Unless prompted to do so by on-screen instructions, never remove the waste ink bottle while printing, performing Head Cleaning, or preparing for long-term storage. Waste ink may leak.
- ❏ Dispose of the waste ink with the waste ink bottle. Do not pour it into another container.

Note:
Note the following points when transferring waste ink from the waste ink bottle to another container.

- ❏ *Use a container made of PE (polyethylene) when transferring the waste ink.*
- ❏ *Attach the spout included with the printer to the rim of the waste ink bottle and transfer the waste ink.*
- ❏ *Pour the waste ink carefully. Pouring the waste ink quickly may cause it to spill and splatter.*
- ❏ *Store the waste ink by securely closing the lid of the container to which you transferred it.*

Replacing the Waste Ink Bottle

There are two methods for replacing the waste ink bottle as described below. Use the appropriate replacement method to suit your situation.

Read the following before starting this procedure.

☞ "Precautions Regarding Maintenance" on page 52

When a message is displayed indicating it is time to replace the waste ink bottle

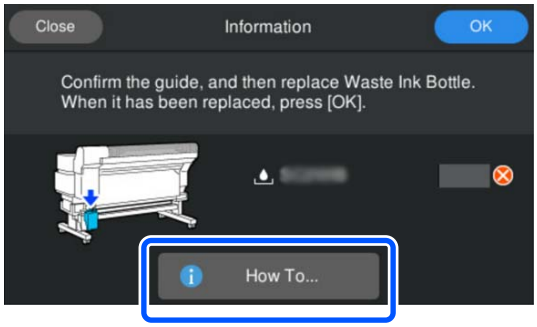
Replace the waste ink bottle with a new bottle immediately.

When a message is displayed, press **How To...**. You can check the procedure on the control panel while replacing the waste ink bottle.

Important:
*When the message **The Waste Ink Bottle is nearing the end of its service life.** is displayed, obtain a new waste ink bottle as soon as possible.*

See the following when replacing the waste ink bottle at this stage in the procedure.

☞ *"When you want to replace it at any time" on page 62*



When you want to replace it at any time

When you want to replace the waste ink bottle as part of night operations or after a large quantity of printing, but before the printer displays a message indicating that it is time to replace the bottle, follow the steps below. If the following procedure is not performed, the waste ink counter will not be reset, and the amount of waste ink will not be measured correctly, resulting in an inability to correctly notify you when the waste ink bottle needs to be replaced.

Performing the following procedure again will reset the waste ink counter, allowing the printer to correctly notify you when the waste ink bottle needs to be replaced.

Waste Ink Counter ☞ "Waste Ink Counter" on page 62

1. Press (Maintenance) on the screen, and then press **Replace Maintenance Parts** - **Waste Ink Bottle**.
2. Press **How To...** to view the procedure.

   Follow the on-screen instructions to perform the procedure.

Waste Ink Counter

The printer uses the waste ink counter to track waste ink and displays a message when the counter reaches the warning level. If you follow the message instructions in **Waste Ink Bottle is at the end of its service life.** and replace the Waste Ink Bottle with a new one, the counter is cleared automatically.

If you need to replace the waste ink bottle before the message is displayed, press (Maintenance) on the control panel screen, press **Replace Maintenance Parts** - **Waste Ink Bottle**, and then perform the replacement work.

Maintenance Menu "Maintenance Menu" on page 85

Important:

Always do the replacement work from the settings menu and clear the waste ink counter if you replace the waste ink bottle before being prompted to do so by a message. If it is not performed correctly, the printer cannot accurately measure the amount of waste ink and notify you when the waste ink bottle needs to be replaced.

Performing the waste ink bottle replacement procedure again from the Settings menu will allow the printer to correctly notify you when the waste ink bottle needs to be replaced.

Replacing the Head Cleaning Set

Preparing and Replacement Timing

When The Head Cleaning Set is nearing the end of its service life. is displayed, or when ⚠ is displayed in the head cleaning set status display

Obtain a new head cleaning set as soon as possible.

When you want to replace it immediately, press (Maintenance) on the control panel screen, press **Replace Maintenance Parts** - **Head Cleaning Set**, and then perform the replacement work. If you do not perform the replacement work from the settings menu, the head cleaning set counter will not operate correctly.

Important:

About the Head Cleaning Set Counter

The printer tracks amounts consumed using the head cleaning set counter and displays a message when the counter reaches the warning level.

If you replace the head cleaning set when you see the message ***The Head Cleaning Set is nearing the end of its service life.****, the counter is cleared automatically.*

If you replace it before this message is displayed, be sure to perform the replacement work from the settings menu.

The Head Cleaning Set is nearing the end of its service life. is displayed

See the following page, and replace all the parts included in the head cleaning set. Printing cannot be performed if the parts are not replaced.

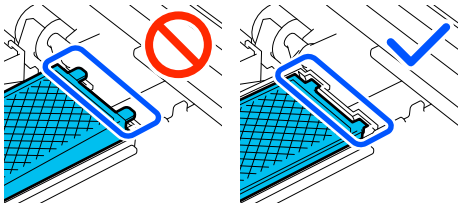
The head cleaning set contains one of each of the following parts.

- ❏ Wiper unit
- ❏ Capping station
- ❏ Flushing pad

Precautions When Replacing Parts

Important:

- ❏ *If you raise the flushing pad with too much force when removing it, waste ink may spray out. Take care when performing these operations.*
- ❏ *After replacing the flushing pad, check that it is installed correctly.*
  If the hooks are raised when printing, the print head could be damaged.



❏ Before starting this procedure, be sure to read the following:
“Precautions Regarding Maintenance” on page 52

Note:
The buzzer sounds 10 minutes after the print head is moved (default setting).

*Check the message on the screen, press **OK**, and then continue working. After 10 more minutes have passed, the buzzer sounds again.*

Replacement Procedure

Always use a replacement head cleaning set that is specified for this printer.

“Options and Consumable Products” on page 107

1. On the **The Head Cleaning Set is nearing the end of its service life.** screen, press **OK**.
   When the message is not displayed, press (Maintenance), and then press **Replace Maintenance Parts** - **Head Cleaning Set**.
2. Check the message, and then press **Start**.
3. Press **How To...** to view the procedure.
   Follow the on-screen instructions to perform the procedure.

Disposal of used consumables “Handling Used Consumables” on page 65

Replacing the Auto Cutter Blade

Replace the auto cutter blade if the media is not cut cleanly or if the edges of the cut sections are frayed.

“Options and Consumable Products” on page 107

Caution:
Do not store the auto cutter blade within the reach of children. The auto cutter blade is sharp and can cause injury. Pay careful attention when replacing the auto cutter blade.

Use a cross-head screwdriver to replace the auto cutter blade. Make sure you have a cross-head screwdriver with you before replacing the cutter.

Replacement Procedure

You can check the procedure on the control panel while working.

1. Press on the screen, and then press **Replace Auto cutter blade**.
2. Press **Start**, and then press **How To...** to view the procedure.
   Follow the on-screen instructions to perform the procedure.

Note:
Place the used auto cutter blade in a bag or other suitable container, and dispose of it in accordance with local ordinances and municipal laws.

Precautions when Replacing the Auto Cutter Blade

❏ Take care not to damage the cutter blade. Dropping it or knocking it against hard objects may chip the blade.

❏ The sheet for the auto cutter blade is to protect the blade. Do not remove the sheet while replacing the auto cutter blade.
The protective sheet comes off when the auto cutter blade returns to its original position. Remove the protective sheet.

❏ Firmly tighten the screw that lock the auto cutter blade. If the auto cutter blade is not securely fastened, the cutting position may shift or be at the wrong angle.

Handling Used Consumables

The following used parts are classified as industrial waste when ink is stuck to them.

- ❏ Cleaning stick
- ❏ Ink cleaner
- ❏ Ink supply units
- ❏ Cleaning Ink Supply Unit
- ❏ Waste ink
- ❏ Waste Ink Bottle
- ❏ Wiper Unit
- ❏ Capping station
- ❏ Flushing Pad
- ❏ Ink Charging Unit
- ❏ Media after printing

Dispose of items according to local laws and regulations. For example, contract an industrial waste disposal company for disposal. In such cases, submit the "Safety data sheet" to the industrial waste disposal company.

You can download it from your local Epson Web site.

Clearing Clogged Nozzles

Checking for Clogged Nozzles

To ensure quality results, we recommend that you check the nozzles for clogs each time you print.

Ways to Check for Clogs

There are the following two ways to check for clogged nozzles.

Perform auto cleaning

The printer automatically checks for clogged nozzles, and then executes cleaning at the optimum strength. If the nozzles are not clogged, cleaning is not done. See the following for details.

"Print Head Cleaning" on page 66

Printing a nozzle check pattern

Print a check pattern when you want to check for clogged nozzles before printing or when you notice stripes or unevenness in the print results. Inspect the pattern visually to determine whether the nozzles are clogged. The troubleshooting method varies depending on the condition of the nozzles.

See the following for how to print a check pattern.

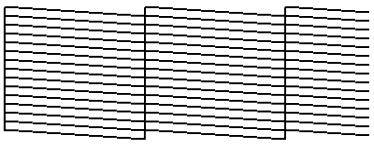
How to Print a Nozzle Check Pattern

1. Check that the printer is ready to print, press (Maintenance), and then press **Print Head Nozzle Check**.
2. Press **Start**.

   The nozzle check pattern is printed.
3. Check the nozzle check pattern.

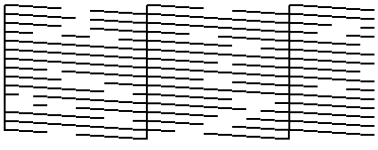
   If necessary, press the button to feed the media so that you can check it.

   When there is no clogging

   There are no gaps in the check pattern. The nozzles are functioning normally.

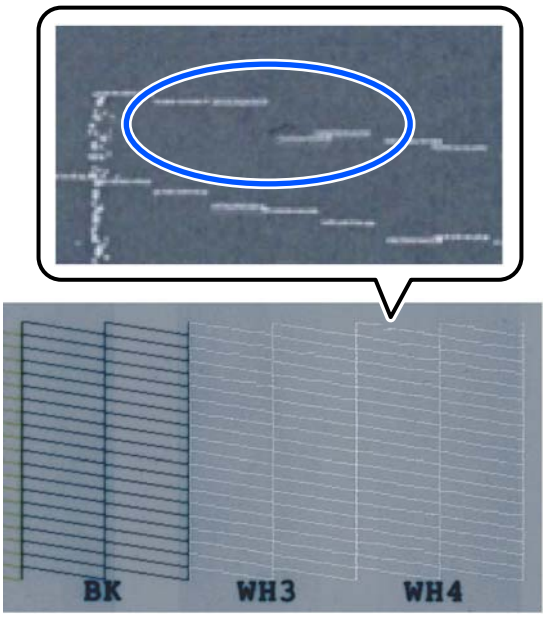
   When there are gaps in the nozzle check pattern

   The nozzles are clogged. Perform Head Cleaning.

   "Print Head Cleaning" on page 66

When lines in the White ink nozzle check pattern are vertically misaligned



When the lines in the White ink (WH1, WH2, WH3, WH4) nozzle check pattern are vertically misaligned, White ink is not being fired properly. See the following and take the appropriate measures.

"What to do when lines in the White ink nozzle check pattern are vertically misaligned" on page 96

Print Head Cleaning

For print head cleaning, there are **Auto Cleaning** and three levels of print head cleaning available: **Cleaning (Light)**, **Cleaning (Medium)**, and **Cleaning (Heavy)**.

Perform **Auto Cleaning** first. If this does not clear the clogs, perform **Cleaning (Light)**, then **Cleaning (Medium)**, and then **Cleaning (Heavy)** until the clogs are cleared.

1 Confirm that the power is turned on, press (Maintenance), and then press **Head Cleaning**.

2 Select a cleaning method.

When Auto Cleaning is selected

Go to step 4.

When a Cleaning Level is selected

When cleaning all the rows, select **All Nozzles**, and then go to step 4.

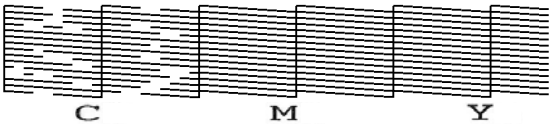
When checking a nozzle check pattern to specify which rows to clean, go to the next step.

3 Confirm the nozzle check pattern, select the nozzle rows for cleaning, and then press **OK**.

The text printed on the bottom of the nozzle check pattern indicate the combination of ink color and nozzle row.

Check which rows are missing in the nozzle check pattern, and then select the rows you want to clean.

For the situation shown in the following illustration, select C.



4 Check the message, and then press **Start**.

Cleaning starts. When cleaning is finished, we recommend that you select **Yes** in the confirmation screen, and then print a nozzle check pattern to confirm that the clogs have been eliminated.

If clogging is cleared

Continue with normal operations.

If nozzles are still clogged

Go back to step 1 and perform Cleaning (Light). After performing Cleaning (Light), execute the next higher levels of cleaning as needed

If nozzles remain clogged even after cleaning the print head several times

Perform the following.

"Cleaning Around the Print Head" on page 54

Pre-Storage Maintenance for Long-Term Non-Use

Always perform pre-storage maintenance if the printer will not be used for an extended period (2 weeks or more) and will be switched off.

When performing **Keeping Preparation**, prepare five Cleaning Ink Supply Units and a new Waste Ink Bottle.

"Options and Consumable Products" on page 107

Important:

If you do not perform pre-storage maintenance, a print head nozzle could become permanently clogged.

If you do not print for a long time and do not perform pre-storage maintenance, turn the printer on at least once every seven days.

Performing Pre-storage Maintenance

Important:

If the amount of remaining ink or cleaning liquid is insufficient, the procedure may not be able to complete. If the amount of remaining ink is low, have new ink supply units/cleaning ink supply units on hand as a precaution.

1. Confirm that the power is turned on, press (Maintenance), and then press **Keeping Preparation**.

2. Check the on-screen messages, and then press **Start**.

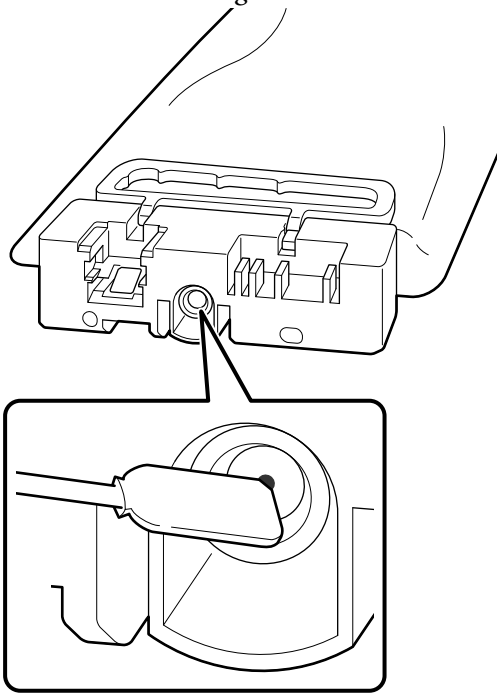
   Follow the on-screen instructions to perform the procedure.

   Press **How To...** on the screen to view the work procedure.

Important:

Before storing them, clean off any ink stuck on the ink supply ports of the ink supply units that you removed. Clean using the wide cleaning stick from the Maintenance Kit supplied.

- ❏ *Use a new Cleaning Stick for each color to avoid mixing the colors.*
- ❏ *Lightly touch the corner of the cleaning stick to the hole of the ink supply port to absorb the ink. You do not need to wipe off the ink. Do not forcefully press or move the Cleaning Stick.*



3. When the replacement complete message is displayed, turn off the power.

Observe the following precautions when storing the printer and the partially used Ink Supply Units that were removed.

"Notes when not using the printer" on page 23

"Notes on Handling Ink Supply Units/Cleaning Ink Supply Units" on page 25

Resuming Use of the Printer

Important:

When resuming use of the printer, charge the printer with ink. When charging with ink supply units that were removed, have new ink supply units on hand as a precaution.

Turn on the printer, and then follow the instructions on the control panel to replace the Waste Ink Bottle and install the Ink Supply Units.

Press **How To...** on the screen to view the work procedure.

Note:

When resuming use of the printer, the density of the White ink may be low. If the density is too low, see the following.

☞ *"Not enough white or uneven whiteness" on page 102*

Control Panel Menu

Menu List

The following items and parameters can be set and executed in the Menu. See the reference pages for more details on each item.

General Settings

For more information on these items, see "General Settings Menu" on page 75

Item	Parameter
Basic Settings	
LCD Brightness	1 to 9
Sounds	
Button Press	0, 1, 2, 3
Completion Notice	0, 1, 2, 3
Warning Notice	
Volume	0, 1, 2, 3
Repeat	Off, Until Stopped
Error Tone	
Volume	0, 1, 2, 3
Repeat	Off, Until Stopped
Sound Type	Pattern1, Pattern2, Pattern3
Alert Lamp Notice	On, Off
Sleep Timer	1 to 240
Wake from Sleep	
Touch LCD Screen to Wake	On, Off, Scheduled
Date/Time Settings	
Date/Time	
Daylight Saving Time	Off, On (Winter, Summer)*
Time Difference	-12:45 to +13:45

Control Panel Menu

Item	Parameter
Language	Dutch, English, French, German, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Simplified Chinese, Spanish, Thai, Traditional Chinese, Turkish
Screen Customization	
Background Color	Gray, Black, White
Display Information While Printing	Printed Length, Remaining Print Length, Throughput (m/h) or Throughput (ft/h), Throughput (m^2/h) or Throughput (sqft/h), Time until media replacement, Pass Mode
Keyboard	QWERTY, AZERTY, QWERTZ
Unit Settings	
Length Unit	m, ft/in
Temperature	˚C, ˚F

Control Panel Menu

Item	Parameter
Printer Settings	
Margins	
Right Margin	3 to 25 mm (0.12 to 0.98 in.)
Left Margin	3 to 25 mm (0.12 to 0.98 in.)
Margin Between Pages	5 to 999 mm (0.20 to 39.33 in.)
Top Margin	5 to 35 mm (0.20 to 1.38 in.)
Bottom Margin	5 to 150 mm (0.20 to 5.91 in.)
Media Detection	
Width Detection	On, Off
Media Width	254.0 to 900.0 mm (10.00 to 35.43 in.)
Detect Paper Skew	On, Off
Nozzle Check between Pages	
On	
Execution Timing	
Print Length	1 to 9999 m (3.28 to 32805.12 ft)
Print Page	1 to 9999 pages
Print Duration	1 to 9999 minutes
Off	
Information Printing	
Media Remaining Information	On, Off
Cut Settings	
Auto Cut	On, Off
Wait for Cut Between Pages	On, Off
Exclusive Menu	Resolve Nozzle Deflection
Restore Default Settings	Network Settings, Clear All Data and Settings

Control Panel Menu

Item	Parameter
Maintenance Setting	
Nozzle Clog Detection and Auto Cleaning	
Threshold of Clogged Nozzles	
White	1 to 1600
Color	1 to 1600
Nozzle Clog Detection when Printing	
Detection Timing	Between Jobs, Specified Interval
Actions when Threshold Exceeded	Stop Printing, Show Alert, Auto Cleaning
Max Retry for Auto Cleaning	0, 1, 2
Periodic Cleaning	
On	
Execution Timing	
Print Duration	1 to 9999 minutes
Print Page	1 to 9999 pages
Print Length	1 to 9999 m (3.28 to 32805.12 ft)
Cleaning Level	Light, Medium
Off	
Power On Cleaning	On, Off
Network Settings	
Network Status	Wired LAN Status, Print Status Sheet
Advanced	
Device Name	
TCP/IP	Auto, Manual
Proxy Server	Do Not Use, Use
IPv6 Address	Enable, Disable
Link Speed & Duplex	Auto, 100BASE-TX Auto, 10BASE-T Half Duplex, 10BASE-T Full Duplex, 100BASE-TX Half Duplex, 100BASE-TX Full Duplex
Redirect HTTP to HTTPS	Enable, Disable
Disable IPsec/IP Filtering	
Disable IEEE802.1X	

*Only displayed for the SC-G6070.

Control Panel Menu

Media Settings

For more information on these items, see "Media Settings Menu" on page 83

Item	Parameter
Current Settings	
Media	01 XXXXXXXXXX to 10 XXXXXXXXXX
Media Type	
Media Width	
Advanced Settings	
Print Adjustments	
Media Feed Adjustment	Manual(Standard), Manual(Measurement)
Print Head Alignment	
Media Management	
01 XXXXXXXXXX to 10 XXXXXXXXXX	
Change Name	
Media Type	Film, Paper/Others
Advanced Settings	
Drying Time per Pass	0.0 to 5.0 Secs
Feeding Tension	Lv1 to Lv5
Paper Suction	Lv0 to Lv6
Skew Reduction	On, Off
Reduce Print Streak	Off, Light, Medium, Heavy
Remaining Amount Management	
Remaining Amount Management	On, Off
Remaining Amount	1.0 to 9999.9 m (3.3 to 32808.1 ft)
Remaining Alert	1.0 to 999.5 m (3.3 to 3279.2 ft)

Maintenance

For more information on these items, see "Maintenance Menu" on page 85

Item	Parameter
Print Head Nozzle Check	
Head Cleaning	

Control Panel Menu

Item	Parameter
Auto Cleaning	
Cleaning (Light)	
Select Nozzles	
All Nozzles	
Cleaning (Medium)	
Select Nozzles	
All Nozzles	
Cleaning (Heavy)	
Select Nozzles	
All Nozzles	
Replace Maintenance Parts	Head Cleaning Set, Waste Ink Bottle
Cleaning the Maintenance Parts	Around the Head, Suction Cap
Nozzle Refresh	
Replace Auto cutter blade	
Nozzle Shift	
Keeping Preparation	

Supply Status

Details on menu ☞ "Supply Status Menu" on page 87

Replacement Part Information

Details on menu ☞ "Replacement Part Information Menu" on page 88

Printer Status

Details on menu ☞ "Printer Status Menu" on page 88

Item	Parameter
Firmware Version	
Printer Name	
Fatal Error Log	
Operation Report	Total Print Area, Total Media Feed Length, Total Carriage Pass

Details of the Menu

General Settings Menu

* indicates default settings.

Item	Parameter	Explanation
Basic Settings		
LCD Brightness	1 to 9 (9*)	Adjusts the brightness of the control panel display.
Sounds		
Button Press	0	Sets the volume of the sounds when the power button and control panel screen are operated.
	1*	
	2	
	3	
Completion Notice	0	Sets the volume of the sounds when print jobs or maintenance operations are finished.
	1	
	2	
	3*	
Warning Notice		
Volume	0	Sets the volume and the repetitions of sounds when it is time to replace consumables.
	1	
	2*	
	3	
Repeat	Off*	
	Until Stopped	

Control Panel Menu

Item		Parameter	Explanation
Error Tone			
	Volume	0	Sets the volume and the repetitions of sounds when an error occurs and printing cannot continue.
		1	
		2	
		3*	
	Repeat	Off	
		Until Stopped*	
	Sound Type	Pattern1	Sets the type of sounds. Sounds that are easy to hear in the printer's operating environment can be set.
		Pattern2	
		Pattern3*	
Alert Lamp Notice		On*	Sets whether or not (**On**/**Off**) the alert lamp turns on when an error notification is received.
		Off	
Sleep Timer		1 to 240 minutes (15*)	Sets the length of time until the printer enters sleep mode when no print jobs are received and no errors are detected. When the printer enters sleep mode, the control panel's screen turns off and the internal motors and other parts switch off to consume less power. To reactivate the control panel display, press any button on the control panel except ⏻. The control panel display will however turn off again if no operations are performed for another 30 seconds under these conditions. The printer is only fully reactivated when a print job is received, or when another operation involving printer hardware is performed.
Wake from Sleep			You can select how to wake the printer from sleep mode.
	Touch LCD Screen to Wake		
		On*	
		Off	
		Scheduled	0:00 to 23:45
Date/Time Settings			
	Date/Time		Sets the printer's built-in clock. The time set here is displayed on the Home screen. It is also used for job logs and the printer's status as shown in Epson Edge Dashboard.
	Daylight Saving Time	Off (Winter)*	You can select whether to apply daylight saving time to the clock. Winter and Summer are only displayed for the SC-G6070.
		On (Summer)	
	Time Difference	-12:45 to +13:45	Sets the time difference with coordinated universal time (UTC) in 15 minute increments. In network environments with time differences, select the necessary value for managing the printer.

Control Panel Menu

Item	Parameter	Explanation
Language	Dutch	Select the language used in the control panel display.
	English*	
	French	
	German	
	Indonesian	
	Italian	
	Japanese	
	Korean	
	Portuguese	
	Russian	
	Simplified Chinese	
	Spanish	
	Thai	
	Traditional Chinese	
	Turkish	

Control Panel Menu

Item	Parameter	Explanation
Screen Customization		
Background Color	Gray	Select the color scheme used in the control panel display. You can select a color scheme that is easy to see in the environment in which the printer is installed.
	Black*	
	White	
Display Information While Printing	Printed Length	Select the content you want to display in the status display area during printing. **Throughput** displays an estimated speed based on the print mode and media width currently being printed. The value changes according to the print mode and media width currently being used. **Time until media replacement** displays an estimated time based on the print mode and media width.
	Remaining Print Length	
	Throughput (m/h) or Throughput (ft/h)	
	Throughput (m^2/h) or Throughput (sqft/h)	
	Time until media replacement	
	Pass Mode	
Keyboard	QWERTY*	Select the keyboard layout for the text input screens that are displayed, such as when inputting names to register Media Settings.
	AZERTY	
	QWERTZ	
Unit Settings		
Length Unit	m*	Choose the units of length used in the control panel display and when printing test patterns.
	ft/in	
Temperature	°C*	Choose the temperature units used in the control panel display.
	°F	

Control Panel Menu

Item	Parameter	Explanation
Printer Settings		
Margins		
Right Margin	3 to 25 mm (3*) (0.12 to 0.98 in. [0.12*])	Sets the width of the right margin when media is loaded in the printer. See the following for more information. ☞ "Printable Area" on page 47
Left Margin	3 to 25 mm (3*) (0.12 to 0.98 in. [0.12*])	Sets the width of the left margin when media is loaded in the printer. See the following for more information. ☞ "Printable Area" on page 47
Margin Between Pages	5 to 999 mm (10*) (0.20 to 39.33 in. [0.39*])	Sets the margin between printed pages. For single-page print jobs, this is the margin placed between jobs.
Top Margin	5 to 35 mm (15*) (0.20 to 1.38 in. [0.59*])	Sets the height of the top margin when media is loaded in the printer. See the following for more information. ☞ "Printable Area" on page 47
Bottom Margin	5 to 150 mm (5*) (0.20 to 5.91 in. [0.20*])	Sets the height of the bottom margin when media is loaded in the printer. See the following for more information. ☞ "Printable Area" on page 47
Media Detection		
Width Detection	On*	Select whether or not (**On**/**Off**) the media width is detected. Try setting this to **Off** when printing if media width errors are displayed even though the media is correctly loaded. However, we recommend setting this to **On** when using the printer. Changed settings are reflected when the media is reloaded.
	Off	
Media Width	254.0 to 900.0 mm (254.0*) (10.00 to 35.43 in. [10.00*])	When **Width Detection** is set to **Off**, make sure the media width selected matches the width of the media loaded. Changed settings are reflected when the media is reloaded. If the correct media width is not selected, the printer may print beyond the edges of the media and stain the inside of the printer.
Detect Paper Skew	On*	Select whether the printer will stop printing and display an error (**On**) or whether the printer will continue printing (**Off**) when skewed media is detected. **On** is recommended in most circumstances, as skewed media may cause the printer to jam.
	Off	

Control Panel Menu

Item	Parameter	Explanation
Nozzle Check between Pages		
On		When **On** is selected nozzle check patterns are printed periodically at the specified timing. When printing is complete, you can visually inspect the check pattern to determine whether there are any stripes or unevenness in the printouts before or after the pattern. Select either **Print Length**, **Print Page**, or **Print Duration** to set the timing for printing the check pattern.
Execution Timing		
Print Length	1 to 9999 m (99 m*) (3.28 to 32805.12 ft [324.80 ft*])	
Print Page	1 to 9999 pages (99 pages*)	
Print Duration	1 to 9999 minutes. (99 minutes*)	
Off*		
Information Printing		
Media Remaining Information	On	Prints information, such as the remaining amount of media, when media is removed or replaced. When **Media Remaining Information** is set to **On**, the remaining amount is printed on the unused side of the cut position. The following information is printed. To print the media remaining information, set **Remaining Amount Management** in **Media Settings** to **On**. ❏ Model: Model name of the printer ❏ Serial No.: Serial number of the printer ❏ Print Date: Date and time of printing ❏ Bank No.: Media number when printing ❏ Media Type: Media Type registered to the media number when printing ❏ Media Width: Automatically detected value of media width ❏ Remaining Amount: Remaining amount of media
	Off*	
Cut Settings		
Auto Cut	On	Select whether or not (**On**/**Off**) to automatically cut the media using the built-in cutter each time a page is printed.
	Off*	
Wait for Cut Between Pages	On	When printing multiple pages, select whether to start printing after cutting or without waiting for cutting. When set to **On**, you can automatically pause printing between jobs until cutting is complete. This is useful when you want to cut between jobs during continuous printing.
	Off*	
Exclusive Menu	Resolve Nozzle Deflection	Do not use this setting unless instructed to do so by your dealer or an Epson support representative. Using it without proper instructions may affect print quality and the product's lifespan.
Restore Default Settings	Network Settings	Selecting **Network Settings** restores all of the **Advanced** settings in the network settings menu to their default setting values. Selecting **Clear All Data and Settings** restores all settings to their default setting values.
	Clear All Data and Settings	

Control Panel Menu

<table>
<tr><th>Item</th><th>Parameter</th><th>Explanation</th></tr>
<tr><td colspan="3">Maintenance Setting</td></tr>
<tr><td colspan="2">Nozzle Clog Detection and Auto Cleaning</td><td rowspan="10">The printer automatically checks whether the print head nozzles are clogged before and during printing. The result of the check is that the printer detects, as a clogged nozzle, that the amount of ink being output has fallen below the amount to maintain normal print quality.

These setting items are for settings related to the maintenance that is performed when clogged nozzles are detected. These settings are applicable for the following.

❏ Automatic checking for clogged nozzles before and during printing

❏ Auto Cleaning (except for Nozzle Clog Detection when Printing settings)

Threshold of Clogged Nozzles:
Set the number of clogged nozzles at which point maintenance is performed.
As shown below, you can set separate detection thresholds for White and Color.

❏ White: 1 to 1600 (the default setting is 9)

❏ Color: 1 to 1600 (the default setting is 4)

Nozzle Clog Detection when Printing:

❏ Detection Timing: Set when to check whether the print head nozzles are clogged before and during printing. Select Between Jobs or Specified Interval. You can set Specified Interval as 0.1 to 15.0 m (0.33 to 49.21 ft) (the default setting is 0.5 m (1.64 ft)).
If you are concerned about uneven print results due to the several-second pause while the print head nozzles are checked for clogging, change from Specified Interval to Between Jobs.

❏ Actions when Threshold Exceeded: Set the operation to perform before or during printing when the number of clogged nozzles exceeds the number set in Threshold of Clogged Nozzles.
When Stop Printing is set, the message Auto Nozzle Maintenance found that the allowable number of clogged nozzles has been exceeded. The print quality may decline. is displayed on the control panel screen, printing is stopped, and the printer enters standby status.
Show Alert displays the above message on the control panel screen, but continues printing without stopping.
Auto Cleaning is performed automatically before or during printing.

Max Retry for Auto Cleaning:
Set the number of times cleaning is repeated if nozzles are still clogged after performing cleaning once.</td></tr>
<tr><td rowspan="2">Threshold of Clogged Nozzles</td><td>White</td></tr>
<tr><td>Color</td></tr>
<tr><td colspan="2">Nozzle Clog Detection when Printing</td></tr>
<tr><td rowspan="2">Detection Timing</td><td>Between Jobs</td></tr>
<tr><td>Specified Interval*</td></tr>
<tr><td rowspan="3">Actions when Threshold Exceeded</td><td>Stop Printing</td></tr>
<tr><td>Show Alert*</td></tr>
<tr><td>Auto Cleaning</td></tr>
<tr><td>Max Retry for Auto Cleaning</td><td>0 to 2 (0*)</td></tr>
</table>

Control Panel Menu

Item	Parameter	Explanation
Periodic Cleaning		When **On** is selected, cleaning is done at the interval selected for either **Print Duration**, **Print Page**, or **Print Length** in **Execution Timing**. Cleaning is performed at the level set in **Cleaning Level**.
On		
Execution Timing		
Print Duration	1 to 9999 minutes (180 minutes*)	
Print Page	1 to 9999 pages (30 pages*)	
Print Length	1 to 9999 m (15 m*) (3.28 to 32805.12 ft [49.21 ft*])	
Cleaning Level	Light*	
	Medium	
Off*		
Power On Cleaning	On*	Select whether the printer automatically performs cleaning when the power is turned on, to keep the print head nozzles in optimum condition.
	Off	

Control Panel Menu

Item	Parameter	Explanation
Network Settings		
Network Status	Wired LAN Status	You can check batches of a variety of information set in **Advanced**. When **Print Status Sheet** is selected, a list is printed.
	Print Status Sheet	
Advanced		
Device Name		Select a variety of network settings.
TCP/IP	Auto	
	Manual	
Proxy Server	Do Not Use	
	Use	
IPv6 Address	Enable*	
	Disable	
Link Speed & Duplex	Auto*	
	100BASE-TX Auto	
	10BASE-T Half Duplex	
	10BASE-T Full Duplex	
	100BASE-TX Half Duplex	
	100BASE-TX Full Duplex	
Redirect HTTP to HTTPS	Enable*	
	Disable	
Disable IPsec/IP Filtering		Use the pre-installed software Web Config to enable this setting. On the screen, you can only disable it. See the following for detailed information on starting Web Config. "Using Web Config" on page 33
Disable IEEE802.1X		

Media Settings Menu

* indicates default settings.

Item	Parameter	Explanation
Current Settings		

Item	Parameter	Explanation
Media	01 XXXXXXXXXX to 10 XXXXXXXXXX	Choose the Media Settings to use. The registered name appears in XXXXXXXXXX.
Media Type		Displays the currently selected Media Type.
Media Width		Sets the **Media Detection** items.
Advanced Settings		You can change the **Advanced Settings** for the registered media selected in **Media**. See the following for details on the setting content. "Media Management items" on page 84
Print Adjustments		
Media Feed Adjustment	Manual (Standard)	Use this menu if you notice banding or graininess in printing results. See the following for more information. "Optimizing Media Settings (Print Head Alignment and Media Feed Adjustment)" on page 43
	Manual (Measurement)	
Print Head Alignment		
Media Management		
01 XXXXXXXXXX to 10 XXXXXXXXXX		Change the registered Media Settings. "Media Management items" on page 84 Press the ▶ area to the right of **Media Settings** to copy the currently selected settings to another media setting number, or initialize all settings.
Remaining Amount Management		
Remaining Amount Management	On	When **On** is selected, you can select **Remaining Amount** and **Remaining Alert**. Setting each item to manage the remaining amount makes it easier to know when it is time to replace the media. Once this is set to **On**, when you have loaded the media, you will be prompted to enter the registered media settings number and the media length (Remaining Amount).
	Off*	
Remaining Amount	1.0 to 9999.9 m (100.0 m*) (3.3 to 32808.1 ft [328.1 ft*])	Sets the total length of the loaded media. You can set in increments of 0.1 m (0.1ft). The amount of media remaining is estimated based on the length you set here and the length of the printout, and is displayed on the Home screen.
Remaining Alert	1.0 to 999.5 m (5.0 m*) (3.3 to 3279.2 ft [16.4 ft*])	Sets a value at which point a warning message is displayed to inform you that the remaining amount of media is too low. You can set in increments of 0.1 m (0.1 ft).

Media Management items

When you select the Media Type when loading media, or download an EMX file using the supplied Epson Edge Print PRO or Epson Edge Dashboard and register the media setting values to the printer, the media setting values are already set to match the media being used and therefore do not need to be changed. When using special media or when a problem such as head striking or banding is detected in printing results, change the default.

Control Panel Menu

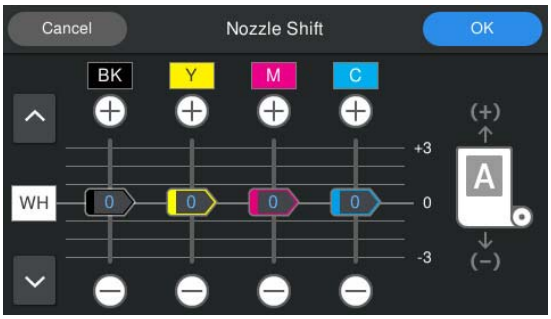
Item	Parameter	Explanation
Change Name		Assign a name of up to 20 characters to the Media Settings being saved. Using distinctive names makes it easier to select banks for use.
Media Type	Film	Select the Media Type appropriate for the loaded media. The printer stores the optimum media settings according to the Media Type.
	Paper/Others	
Advanced Settings		
Drying Time per Pass	0.0 to 5.0 seconds (0.7*)	Specify how long the printer stops feeding media to allow the ink to dry after printing one pass. You can select a value between 0.0 and 5.0 seconds. The time needed for the ink to dry varies with ink density and the media used. If the ink blurs on the paper, set a longer time for drying the ink. The longer the drying time, the more time required for printing.
Feeding Tension	Lv1 to Lv5 (Lv3*)	In most situations, use the values set for each Media Type as they are. Increase tension if creases appear in the media during printing. The higher the value, the greater the tension.
Paper Suction	Lv0 to Lv6 (Lv5*)	Set the strength of the suction by the platen on the media. The higher the value, the greater the suction. In most situations, use the values set for each Media Type as they are. If the media is wavy on the platen, increase the set value. If graininess or out-of-focus characteristics are detected in printing results obtained using thin or soft media or if the media is not fed normally, reduce the set value.
Skew Reduction	On*	Select whether or not (**On**/**Off**) the printer performs operations to correct media skew (media fed skewed) when media is loaded. Normally, leave this **On**. Set this to **Off** if the media shows marks from the rollers due to skew corrections.
	Off	
Reduce Print Streak	Off*	Normally, leave this **Off**. If streaks occur in the vertical or diagonal direction in the print results, they may become less noticeable if you adjust this setting.
	Light	
	Medium	
	Heavy	

Maintenance Menu

Item	Explanation
Print Head Nozzle Check	Print a pattern, and then check the status of the nozzles for the print head. Inspect the pattern visually and perform **Head Cleaning** if you detect any missing colors. See the following for details. ☞ "Clearing Clogged Nozzles" on page 65
Head Cleaning	

Control Panel Menu

Item		Explanation
Auto Cleaning		The printer automatically checks for clogged nozzles and then performs head cleaning with the appropriate strength. If the clogs are not cleared after doing this, then perform **Cleaning (Light)**, then **Cleaning (Medium)** and **Cleaning (Heavy)** until the clogs are cleared.
Cleaning (Light)		You can set one of three types of print head cleaning levels. Perform **Cleaning (Light)** first. If the clogs are not cleared after doing this, then perform **Cleaning (Medium)**, and then **Cleaning (Heavy)**. Find the number of the patterns with faint or missing areas on the printed check pattern sheet, and then you can specify and clean all nozzle rows or clean specific nozzle rows. ☞ "Print Head Cleaning" on page 66
	Select Nozzles	
	All Nozzles	
Cleaning (Medium)		
	Select Nozzles	
	All Nozzles	
Cleaning (Heavy)		
	Select Nozzles	
	All Nozzles	
Replace Maintenance Parts	Head Cleaning Set	Use this menu when replacing maintenance parts before the message indicating it is time to replace maintenance parts is displayed on the control panel screen.
	Waste Ink Bottle	
Cleaning the Maintenance Parts	Around the Head	Always use this menu to clean around the print head. Also, use this menu when cleaning the suction caps before the message indicating it is time to clean them is displayed on the control panel screen. You cannot clean them correctly unless the print head is moved to the maintenance position.
	Suction Cap	
Nozzle Refresh		Select this menu to clean the nozzle surface when White ink is not firing correctly. Check for clogged nozzles before proceeding. ☞ "What to do when text appears blurry, the under-base white is showing outside the image, or horizontal stripes or unevenness are noticeable in filled areas" on page 95
Replace Auto cutter blade		Start replacing the auto cutter blade. See the following for precautions on replacing the parts. ☞ "Replacing the Auto Cutter Blade" on page 64

Item	Explanation
Nozzle Shift	Corrects vertical print position misalignments for specific ink colors. Changing this setting affects all subsequent print results. Only make adjustments when you observe the following printing problems. ❏ When white layer print misalignment is visible ❏ When the media is visible  The adjustment procedure differs, as shown below, for White and other ink colors. **White (WH):** Press ^ / v on the left side of the screen to make adjustments. For WH adjustment, all four color sliders move in the opposite direction of the button pressed. (Example: When you press ^ once in WH, all four color sliders are reduced by 1). Press **OK** in the top-right corner of the screen to save the adjustments. **Other ink colors:** Press ⊕ / ⊖ above and below each color slider to make adjustments. The adjustment range is from 3 to -3. Press **OK** in the top-right corner of the screen to save the adjustments. After making adjustments, print the same image again and check if the adjustments improved the issue. Also, check the following when making adjustments. "White layer print misalignment is visible throughout the image" on page 103 "Text and background are misaligned" on page 104
Keeping Preparation	Always perform this maintenance if the printer will not be used (and will be switched off) for two weeks or more. See the following for more information. "Pre-Storage Maintenance for Long-Term Non-Use" on page 67

Supply Status Menu

Displays the amount of wear and the model number for each consumable item.

"Options and Consumable Products" on page 107

Replacement Part Information Menu

Item	Explanation
Ink Damper Unit	Contact your dealer or Epson Support for assistance.
Ink Holder (Left)	
Ink Holder (Right)	
Pump Cap Unit	
Air Unit	
Ink Tube	
Circulation Pump Unit	
Capping Station Unit	

Printer Status Menu

Item		Explanation
Firmware Version		Displays the selected information. If you set the printer name using Epson Edge Dashboard supplied with this printer, that name is displayed in **Printer Name**.
Printer Name		
Fatal Error Log		
Operation Report	Total Print Area	
	Total Media Feed Length	
	Total Carriage Pass	

Problem Solver

When a Message is Displayed

If one of the following messages is displayed, read and follow the instructions below.

Messages	What to do
Failed to inspect the condition of nozzles. Cannot run "Auto Cleaning". Select cleaning strength manually and run Head Cleaning.	Printer has exceeded the temperature at which its operations are guaranteed. Adjust the temperature of the room, and then start again. “Specifications Table” on page 113
Replacing the auto cutter blade is recommended. For details, see your documentation.	The auto cutter blade is worn. Replace the cutter. “Replacing the Auto Cutter Blade” on page 64
Before storage, clean the ink supply port for the removed Ink Supply Unit. See your documentation.	See the following for more information. “Performing Pre-storage Maintenance” on page 67
Communication between the network and the printer is unstable. You may be able to resolve this by setting IEEE802.3az (Energy Efficient Ethernet) to "Off". For details, see your documentation.	When the IEEE802.3az feature is **On**, network connectivity may become unstable due to compatibility issues with your environment that could prevent printing. Press **OK** to finish the printing. See the following and use WebConfig to set the IEEE802.3az feature to **Off**. “Configuring settings for IEEE802.3az” on page 91
The combination of the IP address and the subnet mask is invalid. For details, see your documentation.	Make sure you have entered the correct values for the IP address and the default gateway. If you do not know the correct values, contact your network administrator.
Recovery Mode	Firmware update failed, and the printer started in recovery mode. Follow the steps below to update the firmware again. 1. Connect the computer and the printer with a USB cable (updates cannot be performed over a network connection when the printer is in recovery mode). 2. Download the latest firmware from the Epson website, and then start the update.

When a Maintenance Request/Printer Error Occurs

Error messages	What to do
Maintenance Request: Replace Parts Soon XXXXXXXX	A part used in the printer is nearing the end of its service life. Contact your dealer or Epson Support and tell them the maintenance request code. You cannot clear the maintenance request until the part is replaced. A printer error occurs if you continue to use the printer.
Maintenance Request: End Of Parts Service Life XXXXXXXX	
A printer part needs to be replaced. Contact Epson Support. For details, see your documentation.	
Printer error. Turn the power off and on again. For details, see your documentation. XXXXXX	Printer errors are displayed in the following situations. ❏ The power cable is not connected securely ❏ An error that cannot be cleared occurs When a printer error occurs, the printer automatically stops printing. Turn off the printer, disconnect the power cable from the outlet and from the AC inlet on the printer, and then reconnect. Turn on the printer again. If the same call for service is displayed on the LCD panel after turning the printer off and on several times using the procedure above, contact your dealer or Epson Support for assistance. Tell them the call for service code is "XXXXXX".

Troubleshooting

You Cannot Print (Because the Printer Does Not Work)

The printer does not turn on.

■ **Is the power cable plugged into the electrical outlet or the printer?**

Make sure the power cable is securely plugged into the printer.

■ **Is there a problem with the power outlet?**

Make sure your outlet works by connecting the power cable for another electric product.

The printer is not communicating with the computer.

■ **Is the cable plugged in properly?**

Confirm that the interface cable is securely connected to both the printer port and the computer. Also, make sure the cable is not broken nor bent. If you have a spare cable, try connecting with the spare cable.

■ **Does the interface cable meet the required specifications?**

Check the interface section in the specifications table.

☞ "Specifications Table" on page 113

■ **When using a USB hub, is it being used correctly?**

In the USB specification, daisy-chains of up to five USB hubs are possible. However, we recommend that you connect the printer to the first hub connected directly to the computer. Depending on the hub you are using, the operation of the printer may become unstable. If this should occur, plug the USB cable directly into your computer's USB port.

■ **Is the USB hub recognized correctly?**

Make sure the USB hub is recognized correctly on the computer. If the computer correctly detects the USB hub, disconnect all USB hubs from the computer and connect the printer directly to the computer USB port. Ask the USB hub manufacturer about USB hub operation.

You cannot print under the network environment.

■ **Are the network settings correct?**

Ask your network administrator for the network settings.

■ **Connect the printer directly to the computer using a USB cable, and then try to print.**

If you are able to print via USB, there is a problem with network settings. Ask your system administrator, or refer to the manual for your network system. If you cannot print via USB, see the appropriate section in this User's Guide.

■ **Is your network connection unstable?**

Turn off your router, wait for about 10 seconds, and then turn it back on.

■ **Are you connected to a wired LAN using a device that supports IEEE802.3az (Energy-Efficient Ethernet)?**

When connected to a wired LAN using a device that supports IEEE802.3az (Energy-Efficient Ethernet), the connection may become unstable, disconnect, or become slow.

Follow the steps below to turn off IEEE802.3az on the printer and then connect.

Configuring settings for IEEE802.3az

1. Disconnect the LAN cables connected to the computer and the printer.
2. If IEEE802.3az is enabled on your computer, turn it off.
3. Connect the computer and the printer directly using a LAN cable.

4 Press , and then press **General Settings** - **Network Settings** - **Advanced** - **TCP/IP** to check the IP address of the printer.

5 Start Web Config on the computer. Open a web browser and enter the printer's IP address.

6 Log in as an administrator.

Logging in "Using Web Config" on page 33

7 Select the **Network Settings** tab - **Wired LAN**.

8 Set **IEEE 802.3az** to **Off**.

9 Click **Next**.

10 Click **OK**.

11 Disconnect the LAN cable that directly connected the computer and the printer.

12 If you turned off IEEE802.3az on your computer in step 2, turn it back on.

13 Reconnect the LAN cables you disconnected in step 1 to the computer and the printer.

If the issue continues to occur after following the steps above, the problem may be being caused by devices other than the printer.

The printer has an error.

■ **View the message displayed in the control panel.**

"Control panel" on page 14

"When a Message is Displayed" on page 89

The Printer Sounds Like It Is Printing, but Nothing Prints

The print head moves, but nothing prints.

■ **Confirm the printer operation.**

Print a nozzle check pattern. Because a nozzle check pattern can be printed without connecting to a computer, you can check the operations and print status for the printer. "Clearing Clogged Nozzles" on page 65

Check the next section if the nozzle check pattern is not printed correctly.

■ **Is the message Motor self adjustment running. displayed on the control panel's screen?**

The printer is adjusting the internal motor. Wait for a while without turning off the printer.

The nozzle check pattern is not printed correctly.

■ **Has the printer been left unused for a long time?**

If the printer has not been used for a long time, the nozzles may have dried up and clogged.

Steps to take when the printer has not been used for a long time "Notes when not using the printer" on page 23

If none of the above are applicable, the nozzles may be clogged. Take these measures in the following order.

1. Perform Head Cleaning

See the following to perform, execute Head Cleaning, and then check whether the clogged nozzles were cleared.

"Print Head Cleaning" on page 66



2. Clean around the print head

See the following to clean around the print head. After finishing cleaning, perform Head Cleaning again, and then check whether the clogged nozzles were cleared.

☞ "Cleaning Around the Print Head" on page 54

⇩

3. Clean around the suction cap

See the following to clean around the suction cap. After you finish cleaning, perform Head Cleaning again, and then check whether the clogged nozzles were cleared.

☞ "Cleaning Around the Suction Cap" on page 55

⇩

4. If the problem is not cleared after trying measures 1 to 3

Contact your dealer or Epson Support.

The Prints Are Not What You Expected

Print quality is poor, uneven, too light, or too dark.

■ **Are the print head nozzles clogged?**

If the print head nozzles are clogged, specific nozzles do not fire ink and the print quality declines. Print a nozzle check pattern. If the nozzle check pattern does not print correctly, see the following for a solution to the issue.

☞ "The nozzle check pattern is not printed correctly." on page 92

■ **Have you performed Print Head Alignment?**

With bidirectional printing, the print head prints while moving left and right. If the print head is misaligned, ruled lines may be misaligned accordingly. If vertical ruled lines are misaligned when you use bidirectional printing, perform Print Head Alignment.

☞ "Print Head Alignment" on page 43

■ **Are you using a genuine ink supply units?**

This printer is developed for use with Epson ink supply units. Using any other type of ink supply units may result in reduced print quality.

We recommend using only the genuine ink supply units specified in this manual.

■ **Are you using an old ink supply unit?**

The print quality declines when an old ink supply unit is used. Use a new ink supply unit. Use all the ink in the ink supply unit before the recommended date printed on ink supply unit.

■ **Are media settings correct?**

Confirm that the media settings in the software RIP or on the printer match the media actually in use.

■ **Are you comparing the printing results to the image on the display monitor?**

Since monitors and printers produce colors differently, printed colors will not always match on-screen colors perfectly.

■ **Did you open the printer cover while printing?**

If the printer cover is opened while printing, the print head stops suddenly causing unevenness in the color. Do not open the printer cover while printing.

■ **Have you shaken the ink supply units?**

The ink supply units for this printer contain pigment ink. Shake the units thoroughly before installing them in the printer. To maintain optimum print quality, we recommend removing and shaking the installed White ink supply units at the start of every working day and every 24 hours (when a message is displayed), and the other colors once every three weeks.

☞ "Shaking the Ink Supply Units Periodically" on page 58

■ **Is Ink is low. displayed on the control panel?**

The print quality may decline when the ink is low. We recommend replacing the low ink supply units with new ones. If there is a difference in color after replacing an ink supply unit, try performing Head Cleaning a few times.

■ **Are you printing in a high-humidity environment?**

If you are printing in a high-humidity environment, the media surface may absorb moisture and cause stripes. If the humidity in the room is high, reduce the humidity to the recommended range of 40 to 60% before printing.

The print is not positioned properly on the media.

■ **Have you specified the print area?**

Check the print area in the settings of the application and the printer.

■ **Is the media skewed?**

If **Off** is selected for **Detect Paper Skew** in the General Settings menu, printing will continue when the media is skewed and data will appear outside the print area. Set **Detect Paper Skew** to **On** in the General Settings menu.

☞ "General Settings Menu" on page 75

■ **Is the media wide enough for the print data?**

Although under normal circumstances printing stops if the print image is wider than the media, when **Off** is selected for **Width Detection** in the General Settings menu, the printer may print beyond the edges of the media and stain the inside of the printer.

Changed settings are reflected when the media is reloaded.

☞ "General Settings Menu" on page 75

■ **The right edge of the platen may be stained with white.**

When the platen has white stains, the media position and width cannot be detected correctly. Clean the stains from the right edge of the platen.

When you perform **Maintenance** - **Cleaning the Maintenance Parts** - **Around the Head**, the print head moves, allowing you to clean the right edge of the platen. You do not need to clean the area around the print head.

☞ "Cleaning Around the Print Head" on page 54

Vertical ruled lines are misaligned.

■ **Is the print head misaligned when you use bidirectional printing? (in bidirectional printing)**

With bidirectional printing, the print head prints while moving left and right. If the print head is misaligned, ruled lines may be misaligned accordingly. If vertical ruled lines are misaligned when you use bidirectional printing, perform Print Head Alignment.

☞ "Print Head Alignment" on page 43

The printed surface is scuffed or soiled.

■ **Is the media too thick or too thin?**

Check the media specifications to determine whether it can be used with the printer. If you are using a software RIP, contact the manufacturer for information on the settings and media that can be used.

■ **Is the media wrinkled or creased?**

Do not use old media or media with creases in it. Use new media.

■ **Is the print head scuffing the edge of the media?**

Widen the setting for the **Top Margin** in the Printer Settings menu.

☞ "General Settings Menu" on page 75

■ **Is the bottom edge of the media getting scratched?**

Depending on the content of the print data, the bottom edge of the printable surface may be rubbed leaving scratches. In this situation, increase the **Drying Time per Page** in the Media Settings menu, increase the **Margin Between Pages** in the Printer Settings menu, or add a bottom margin to the print data in the RIP.

"Media Settings Menu" on page 83

"General Settings Menu" on page 75

"Printable Area" on page 47

■ **Does the interior of the printer need cleaning?**

The rollers may need cleaning. Clean the rollers.

"The printable surface is still dirty even after cleaning the platen" on page 57

■ **Is the suction cap clean?**

The printed surface may be soiled from dripping ink if clumps of ink or dust are stuck around the suction cap. Clean the suction cap.

"Cleaning Around the Suction Cap" on page 55

■ **Clean around the print head.**

If the printing surface is dirty even after performing cap cleaning, dust may have accumulated around the print head nozzles. Clean around the print head.

"Cleaning Around the Print Head" on page 54

The reverse side of the printed media is soiled.

■ **Choose On for Width Detection in the menu.**

Although under normal circumstances printing stops if the print image is wider than the media, when **Off** is selected for **Width Detection** in the General Settings menu, the printer may print beyond the edges of the media and stain the inside of the printer.

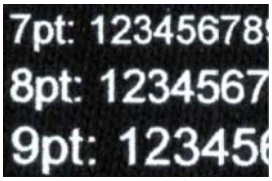
Changed settings are reflected when the media is reloaded.

"General Settings Menu" on page 75

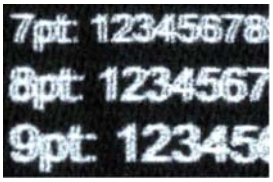
What to do when text appears blurry, the under-base white is showing outside the image, or horizontal stripes or unevenness are noticeable in filled areas

When nozzles are clogged, the following printing problems may occur.

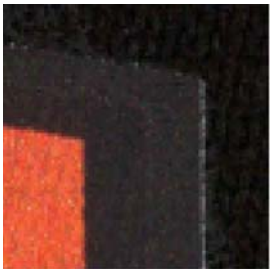
Normal



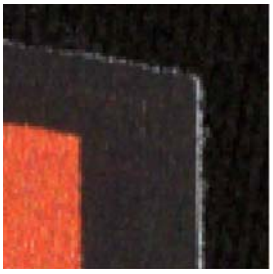
Blurry



Normal



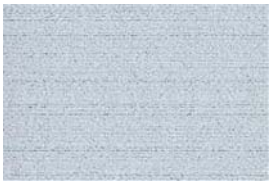
The under-base white is showing outside the image



Normal



Unevenness



If you notice any of these issues in your print results, perform a nozzle clog check to determine the cause.

You can watch videos on YouTube to learn how to check for clogged nozzles and what to do if they are clogged.

Epson Video Manuals

Checking for clogged nozzles

Print a check pattern to check for clogged nozzles. The troubleshooting method varies depending on the condition of the nozzles.

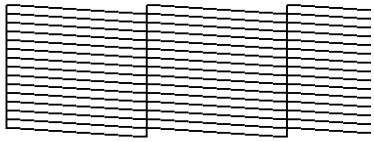
1. Check that the printer is ready to print, press (Maintenance), and then press **Print Head Nozzle Check**.

2. Press **Start**.

   The nozzle check pattern is printed.

3. Check the nozzle check pattern. Take the appropriate measures according to the check pattern. These are divided into the following three categories.

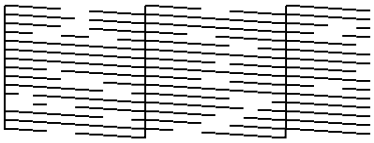
   When there is no clogging

   The nozzles are functioning normally.

   "The Prints Are Not What You Expected" on page 93

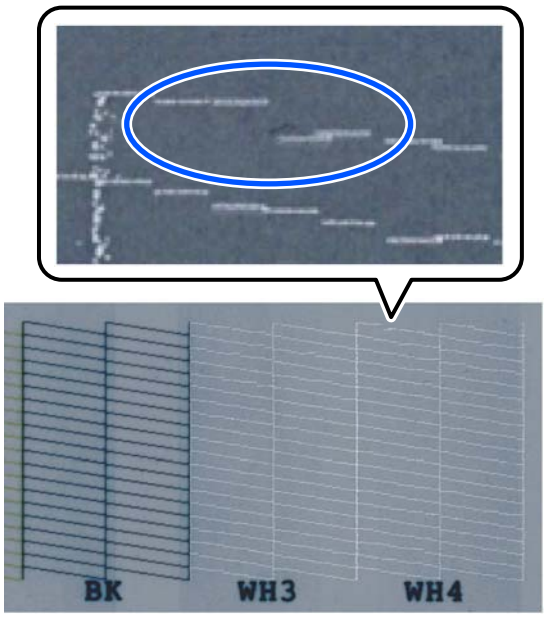
   When there are gaps in the nozzle check pattern

   The nozzles are clogged. Perform Head Cleaning.

   "Print Head Cleaning" on page 66

   When lines in the White ink nozzle check pattern are vertically misaligned

   When the lines in the White ink (WH1, WH2, WH3, WH4) nozzle check pattern are vertically misaligned, White ink is not being fired properly. See the following and take the appropriate measures.

   "What to do when lines in the White ink nozzle check pattern are vertically misaligned" on page 96

What to do when lines in the White ink nozzle check pattern are vertically misaligned

Perform Head Cleaning.

Press (Maintenance) - **Head Cleaning** - **Cleaning (Light)** - **Start**.

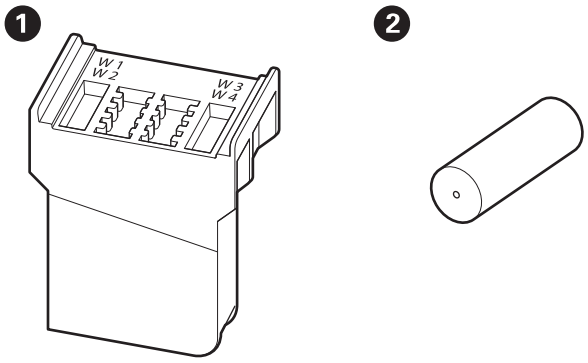
After cleaning is finished, print a nozzle check pattern to check the White ink firing again. When ink is firing correctly, you can continue with normal operations.

When ink is not firing correctly, clean the nozzle surface with the Nozzle Refresh Tool supplied.

Cleaning the Surface of the Nozzles (Nozzle Refresh)

What you'll need

Nozzle Refresh Tool (supplied with the printer)



❶ Holder

❷ Sponges x30

Nitrile gloves (not included)

Protective eyeglasses (not included)

Mask (not included)

Important:

Do not use a damaged holder. Using a damaged holder may cause damage to the print head.

Precautions when cleaning

Note the following points when performing these procedures.

Caution:

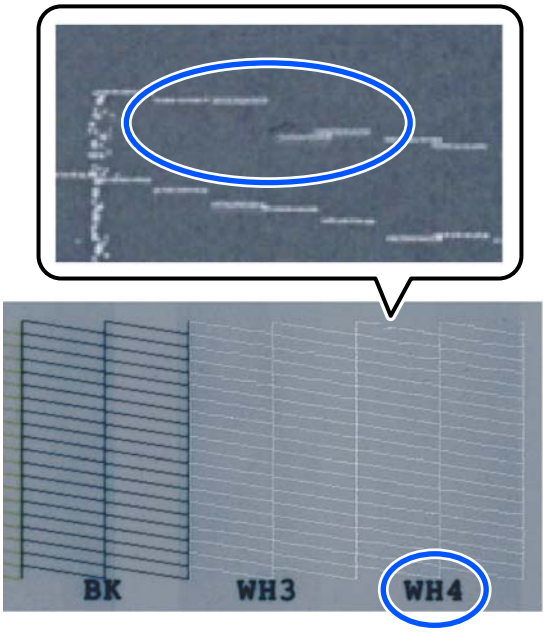
- ❏ *During maintenance, wear protective clothing, including protective eyewear, gloves, and a mask.*
  Should ink come into contact with your skin or enter your eyes or mouth, take the following actions:
- ❏ *If fluid adheres to your skin, wash it off using a large volume of soapy water. If you notice any reaction developing in the affected area, consult with a qualified physician immediately.*
- ❏ *If ink gets into your eyes, wash them out immediately with water. Failure to observe this precaution could result in bloodshot eyes or mild inflammation. Consult with a qualified physician if any other problems should develop.*
- ❏ *If fluid enters your mouth, consult with a physician as soon as possible.*
- ❏ *If swallowed, do not induce vomiting. Consult with a physician as soon as possible. If vomiting is induced, vomited material may enter the windpipe, which is dangerous.*

- ❏ Never touch the belts, circuit boards, or any parts that do not require cleaning. Failure to observe this precaution could result in malfunction or reduced print quality.
- ❏ Always use fresh sponges. Reusing sticks can make stains even harder to remove.
- ❏ Touch a metallic object before starting work, to discharge any static electricity.
- ❏ Performing Nozzle Refresh too frequently may cause the print quality to decline.

Cleaning

1 Check the nozzle check pattern.

Check which nozzle rows in the nozzle check pattern have vertically misaligned lines. The illustration below shows that WH4 is misaligned.

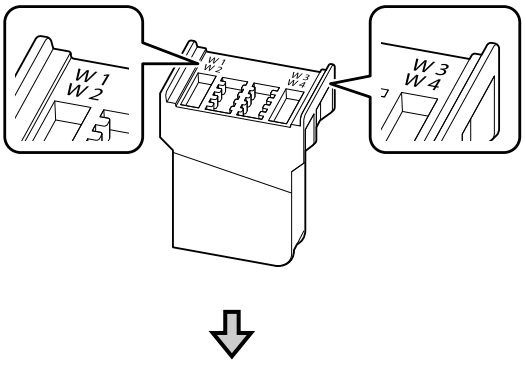


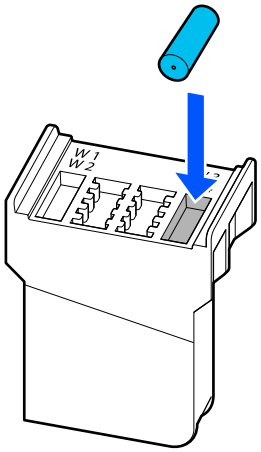
2 Place a sponge in the holder.

When the WH1 and WH2 lines in the nozzle check pattern are misaligned, place sponges in the W1 and W2 positions of the holder.

When the WH3 and WH4 lines in the nozzle check pattern are misaligned, place sponges in the W3 and W4 positions of the holder.

> ***Important:***
> *Do not place sponges in two positions at the same time. When you need to clean two areas, do them one at a time.*



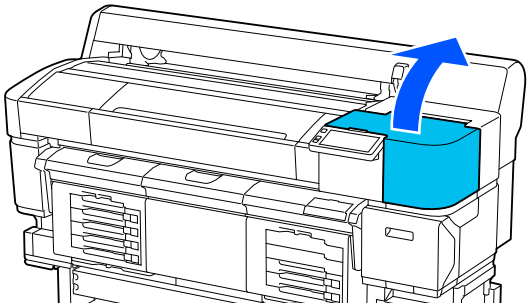


3 Press (Maintenance), and then press **Nozzle Refresh**.

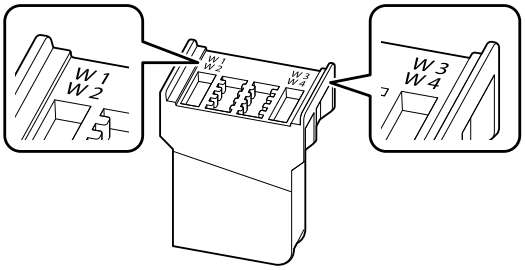
4 Press **Start**.

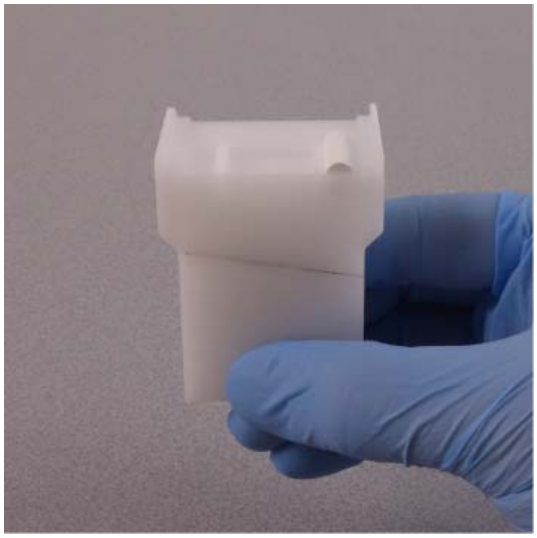
The print head moves to the cleaning position.

5 Open the maintenance cover.



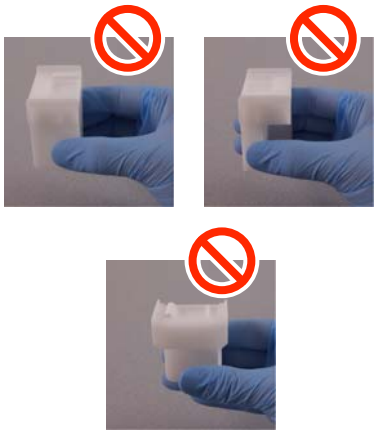
6 Hold the holder in your right hand as shown in the illustration.



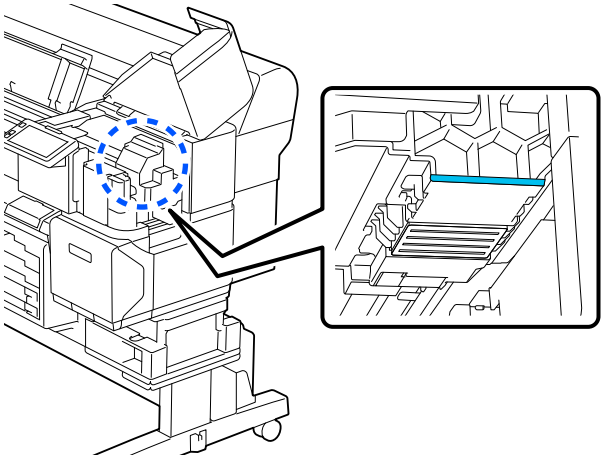


Important:

If you do not hold the holder correctly, it may result in improper cleaning or cause a malfunction.



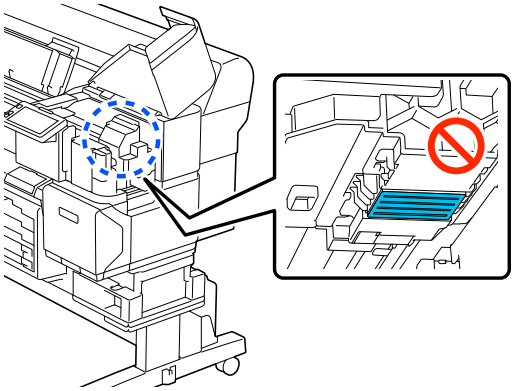
7 Align the side of the nozzle surface with the front edge of the holder.

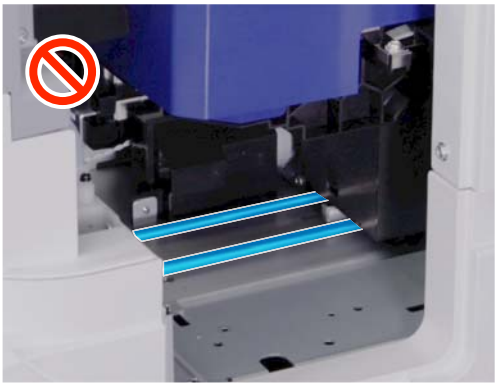




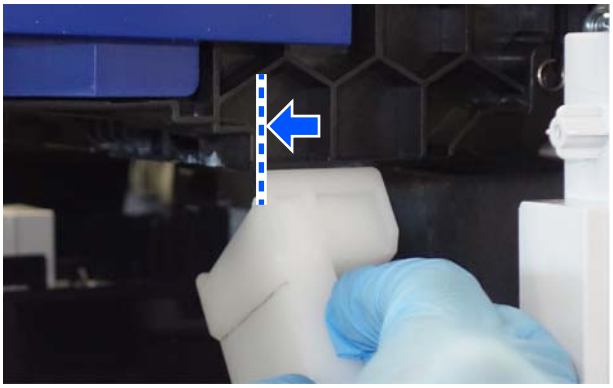
Important:

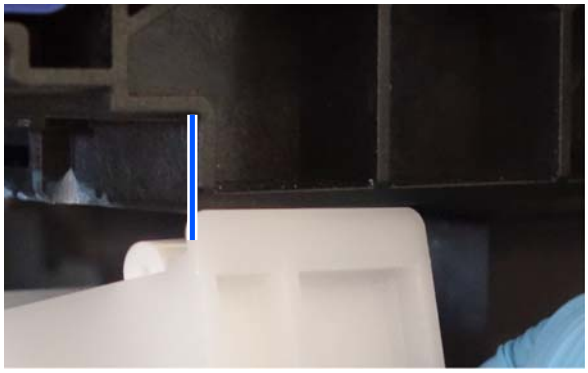
Do not touch the parts shown in the illustration. A malfunction may occur.





8 Slide the holder to the front of the nozzle surface and align it as shown in the illustration.

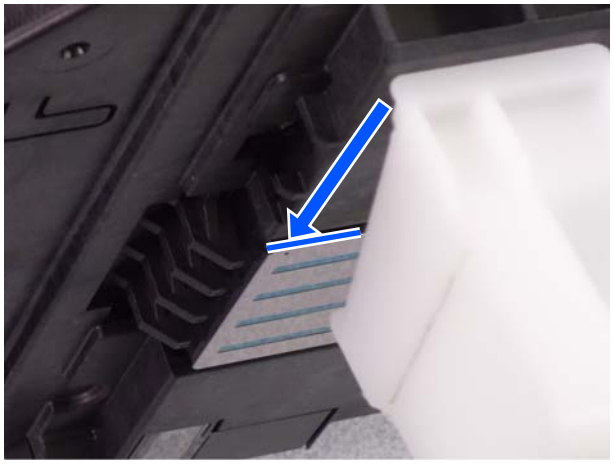




9 Align the step (A) of the holder horizontally with the nozzle surface so that the holder does not touch the nozzle surface.



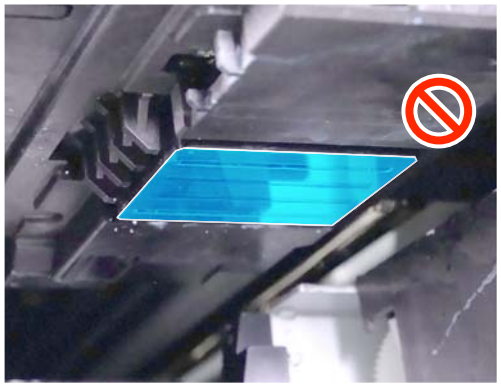
10 Slide the holder to the rear and insert the front edge of the holder into the side of the nozzle.





Important:

Be careful not to let the edge of the holder touch the nozzle surface. A malfunction may occur.



11 Insert the rear edge of the holder into the rear groove on side of the nozzle.

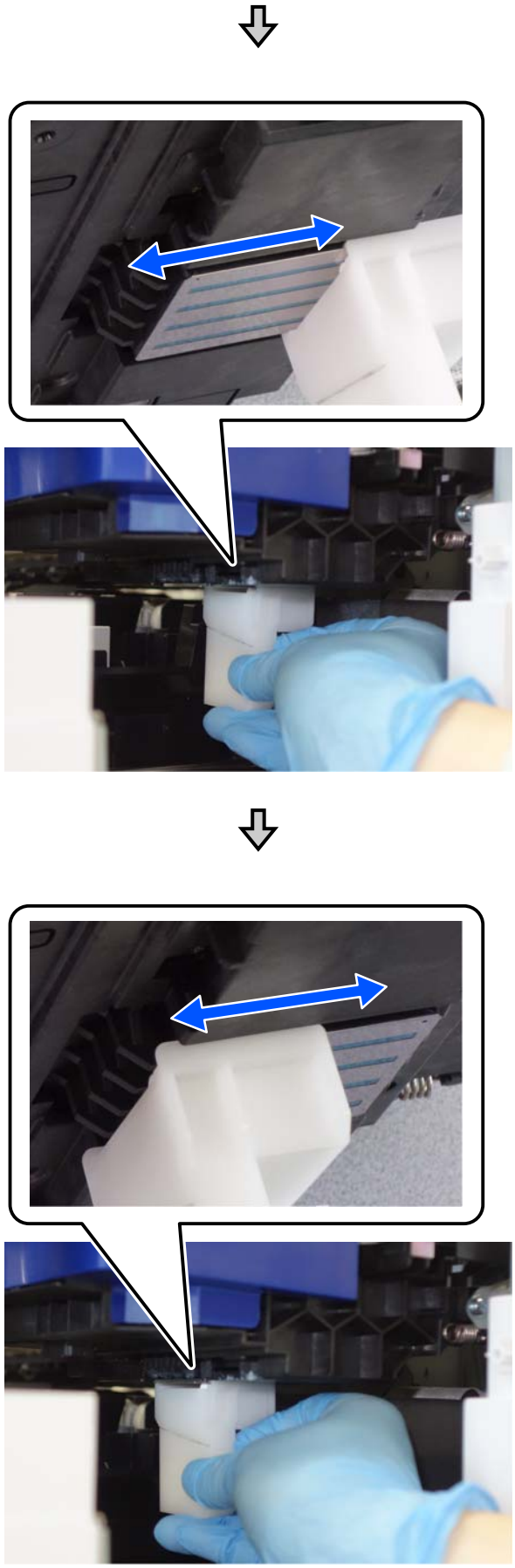




12 Press the holder against the nozzle surface and move it back and forth five times.

Move it forward until the sponge extends beyond the nozzle surface, and then backward until your finger touches the wiper unit.





13 After cleaning is finished, check that nothing has been left inside the printer, close the maintenance cover, and then press **Finish** on the control panel screen.

14 Perform Head Cleaning.

☞ "Print Head Cleaning" on page 66

If printing problems are not resolved or lines in the White ink nozzle check pattern are still misaligned, contact your dealer or Epson Support.

Appearance and specifications are subject to change without notice.

Not enough white or uneven whiteness

■ **Are the print head nozzles clogged?**

If the nozzles are clogged, nozzles do not fire ink and the print quality declines. Print a nozzle check pattern.

☞ "Checking for Clogged Nozzles" on page 65

■ **Have you shaken White ink supply units?**

Because the ink particles in White ink can sediment easily, it needs to be shaken at the start of every working day and every 24 hours (when a message is displayed). Remove and thoroughly shake the ink supply unit(s).

☞ "Shaking the Ink Supply Units Periodically" on page 58

If the above measures do not improve the whiteness or if none of the solutions above apply, follow the steps below to perform Cleaning (Heavy).

1 Confirm that the power is turned on, press (Maintenance), and then press **Head Cleaning** - **Cleaning (Heavy)** - **Select Nozzles** - **White**.

2 Select all the WH rows, and then press **OK**.

If the whiteness does not improve even after performing **Cleaning (Heavy)** one or two times, contact your dealer or Epson Support.

White layer print misalignment is visible throughout the image

■ **Correct the vertical print position using Nozzle Shift.**

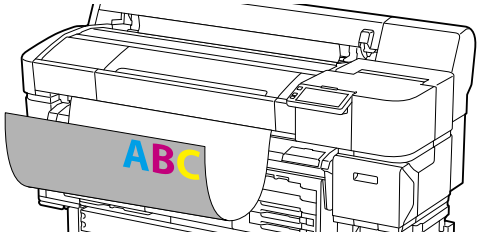
The adjustment procedure differs depending on the visibility of the misalignment. See the following for more details.

The following illustrations show the misalignment of the white layer when the White layer is printed after printing three-color letters.

Make sure the leading edge of the media is facing up, and you are viewing the media from the gray side as shown in the illustration.

When viewed from the printed side, the color ink is not visible as it is covered by the White ink.

To make the white layer easier to see, the back side of the media is shown in gray.



When there is visible misalignment in the same direction for all colors



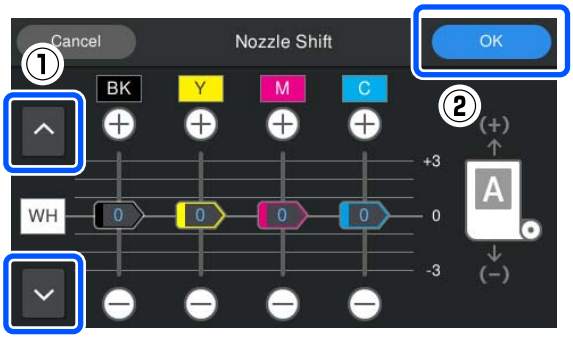
Visible below



Visible above

Adjustment method

Use the ^ / v buttons on the left side of the screen to correct White print position misalignments.



1 Confirm that the power is turned on, and then press (Maintenance) - **Nozzle Shift**.

2 Press ^ / v based on the direction of misalignment of the white layer.

When the white layer is visible below:

Press ^ (the values displayed for the BK, Y, M, and C sliders are reduced by 1)

When the white layer is visible above:

Press v (the values displayed for the BK, Y, M, and C sliders are increased by 1)

> ***Note:***
> *If it is difficult to determine which ink color is misaligned, you can make it easier to check by printing rectangles in colors that are similar to White, Black, Yellow, Magenta, and Cyan in the horizontal direction.*

3 Press **OK** to finish the adjustments.

4 Print the same image again and check if the adjustments improved the issue.

If you need to make further adjustments, return to step 1.

When there is visible misalignment only for a specific color

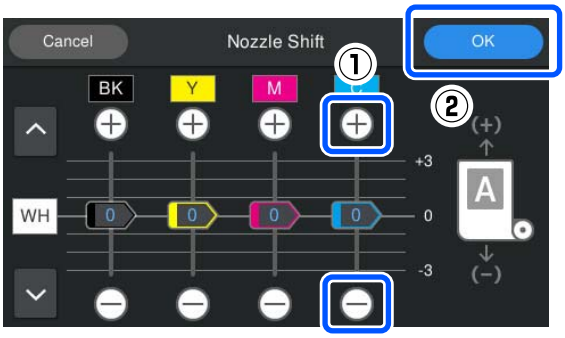




Visible below cyan Visible above cyan

Adjustment method

Use ⊕/⊖ to correct print misalignments for ink colors with visible white layer misalignment.



1 Check that the power is turned on, and then press (Maintenance) - **Nozzle Shift**.

2 Press ⊕/⊖ for C (Cyan) as shown below according to the direction of misalignment of the white layer.

When the white layer is visible below:

Press ⊖ (the value displayed for the slider is reduced by 1)

When the white layer is visible above:

Press ⊕ (the value displayed for the slider is increased by 1)

> ***Note:***
> *If it is difficult to determine which ink color is misaligned, you can make it easier to check by printing rectangles in colors that are similar to White, Black, Yellow, Magenta, and Cyan in the horizontal direction.*

3 Press **OK** to finish the adjustments.

4 Print the same image again and check if the adjustments improved the issue.

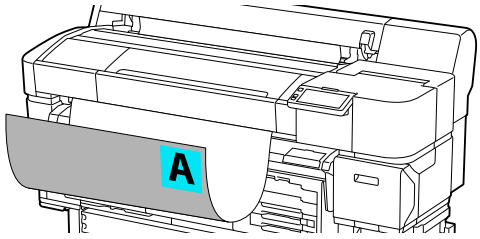
If you need to make further adjustments, return to step 1.

Text and background are misaligned

■ **Correct the vertical print position using Nozzle Shift.**

Follow the steps below to adjust the print position of the colors near the area where the text and background are misaligned.

The following is an example of printing with two colors: Cyan and Black. Make sure the leading edge of the media is facing up.



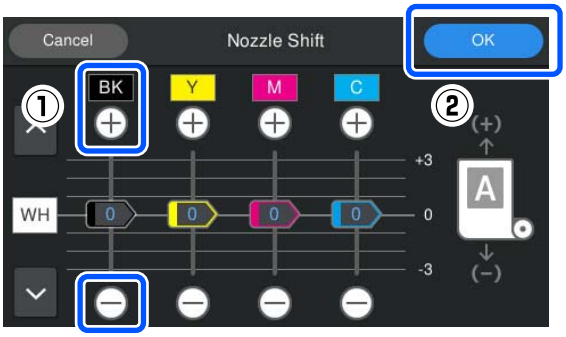




Visible below Visible above

Adjustment method

To correct the print position misalignment, press ⊕/⊖ for the ink colors used near the area where the text and background are misaligned. In the example above, the BK (Black) must be adjusted.



1 Check that the power is turned on, and then press (Maintenance) - **Nozzle Shift**.

2 Press ⊕/⊖ for BK (Black) as shown below according to the position where the text and background are misaligned.

When the text and background misalignment is visible below:

Press ⊖ (the value displayed for the slider is reduced by 1)

When the text and background misalignment is visible above:

Press ⊕ (the value displayed for the slider is increased by 1)

> ***Note:***
> *If it is difficult to determine which ink color is misaligned, you can make it easier to check by printing rectangles in colors that are similar to Black, Yellow, Magenta, and Cyan in the horizontal direction.*

3 Press **OK** to finish the adjustments.

4 Print the same image again and check if the adjustments improved the issue.

If you need to make further adjustments, return to step 1.

Problems with the Media

Media jams occur

■ **Is the media loaded in the correct position?**

See the following for the correct media loading positions.

☞ "Loading Media" on page 38

If the media is loaded correctly, check the condition of the media that you are using.

■ **Is media curled, folded, curved, creased, or wavy?**

Cut and remove the curled, folded, curved, creased, or wavy part.

☞ "Cutting Media" on page 39

☞ "Select Settings for Loaded Media" on page 38

■ **Is media loaded a long time before printing?**

The rollers may crease media left in the printer, or the media may also become wavy or curled.

■ **Is the media too thick or too thin?**

❏ Check the media specifications to determine whether it can be used in the printer.
☞ "Supported Media" on page 109

❏ For information on how to configure print settings using the software RIP, contact the RIP manufacturer.

■ **Is Paper Suction set too high?**

Try lowering the **Paper Suction** (the force that keeps the media on the paper feed path). ☞ "Media Settings Menu" on page 83

■ **Clean around the print head.**

If the media width sensor around the print head is dirty, it may fail to detect the media width, resulting in an error. Clean around the print head.

☞ "Cleaning Around the Print Head" on page 54

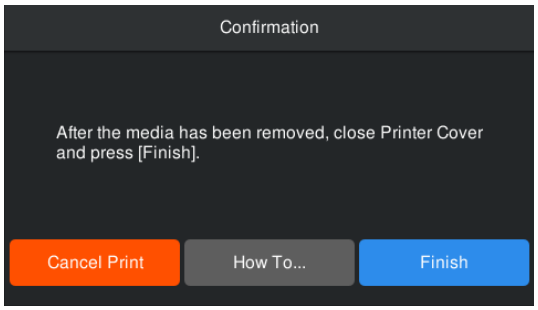
Removing jammed media

Check the error displayed on the control panel screen, and then follow the on-screen instructions to remove the media.



After removing the media, press **Cancel Print** on the following screen to remove the print job. Press to restart printing from the beginning.

Press **Finish**, and then reload the media to print the rest of the print data.



Others

The control panel display keeps turning off.

■ **Is the printer in sleep mode?**

When no operations are performed on the printer for the time set in **Sleep Timer** in the setup menu, the printer enters sleep mode. You can change the time before entering sleep mode in the General Settings menu.

"General Settings Menu" on page 75

Color ink runs out quickly even when printing black data.

■ **Color ink is consumed during the Head Cleaning process.**

Performing **Head Cleaning** consumes ink from all colors.

The media is not cut cleanly.

■ **Replace the cutter.**

Replace the cutter if the media is not cut cleanly or if the edges of the cut sections are frayed.

"Replacing the Auto Cutter Blade" on page 64

A light is visible inside the printer.

■ **This is not a failure.**

The network password has been forgotten.

■ **Contact your dealer or Epson Support.**

Appendix

For the latest information, see the Epson Web site. (as of January, 2025)

Options and Consumable Products

Ink Supply Units

Printer model	Product name		Part number
SC-G6000 SC-G6060	Ink Supply Unit	Black	T57U1
		Cyan	T57U2
		Magenta	T57U3
		Yellow	T57U4
		White	T57UA
		Maintenance Liquid	T57UB
SC-G6030 SC-G6040	Ink Supply Unit	Black	T57X1
		Cyan	T57X2
		Magenta	T57X3
		Yellow	T57X4
		White	T57XA
		Maintenance Liquid	T57XB
SC-G6070	Ink Supply Unit	Black	T57S1
		Cyan	T57S2
		Magenta	T57S3
		Yellow	T57S4
		White	T57SA
		Maintenance Liquid	T57SB

Epson recommends the use of genuine Epson Ink Supply Units. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

Others

Product name	Product number	Explanation
Roll Adapter	C12C934701	This is the same as the roll adapter supplied with the printer.
Waste Ink Bottle	T7240	This is the same as the Waste Ink Bottle supplied with the printer.
Head Cleaning Set	C13S400262	Flushing pad, capping station, and wiper unit set.
Maintenance Kit	T7362	Use this to clean the around the print head and around the suction cap.
Auto Cutter Spare Blade	C13S902006	This is a replacement cutter.
Nozzle Refresh Tool	C13S210171	Use this to perform Nozzle Refresh (cleaning the surface of the nozzles).
Cleaning Ink Supply Unit	C13T57Y100	This is used to prepare the printer for long-term storage and transport.

Supported Media

The following media can be used with the printer. Print quality is greatly affected by the type and quality of media used. Choose a media suited to the task at hand. For information on use, refer to the documentation supplied with the media or contact the manufacturer. Before buying media in large quantities, try printing on a smaller sample and check the results.

Important:

Do not use media that is wrinkled, scuffed, torn, or dirty.

Roll media

Roll core size	2 or 3 inch
Roll outer diameter	Max. 150 mm (5.9 in.)
Media width	254 mm (10 in.) to 900 mm (35.4 in.)
Media thickness	Max 0.5 mm (0.02 in.)
Roll weight	Maximum 10 kg (22 lbs)

Moving and Transporting the Printer

This section describes how to move and transport the product.

For the purposes of this section, moving and transporting are defined as follows.

Moving	Changing the installation location on the same floor without having to use any steps.
Transporting	Changing the installation location to another floor or building. This includes situations in which the printer is outsourced to a carrier.

Moving the Printer

Warning:

- ❏ *To prevent accidents due to electrical leakage, connect to an outlet with a grounded (earthed) connector. Connecting to an outlet other than a grounded outlet may cause electric shock or fire. Check the power outlet you are going to use. If the outlet does not have a grounded connector, contact your dealer or Epson Support.*
- ❏ *Use only the type of power source indicated on the printer's label. An electric shock or fire could occur.*
- ❏ *Do not connect the power cable to a power strip or multi plug. An electric shock or fire could occur. Connect the power cable directly to an outlet for domestic use.*

Caution:

Do not tilt the product more than 10 degrees forward or back while moving it. Failure to observe this precaution could result in the printer falling over, causing accidents.

Getting Ready

Make the following preparations before moving the printer.

- ❏ Turn off the printer and remove all cables.
- ❏ Install a new waste ink bottle to prevent ink from dripping.
- ❏ Remove the media.
- ❏ Unlock the casters on the stand.

Important:

Do not remove the ink supply units. The print head nozzles may become clogged making it impossible to print, or ink may leak.

Post-Move Setup

After moving, perform the following steps to get ready for printing.

1 Check that the location is appropriate for installation, and set up the printer.

“Installation space” on page 22

Setup Guide (booklet)

If you do not have the *Setup Guide* on hand, visit the website below and select your model to access the guide.

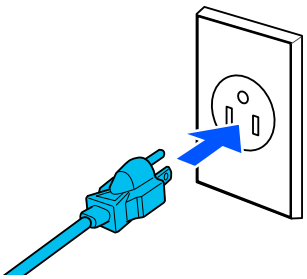
https://epson.com/support (U.S.)

https://epson.ca/support (Canada)

https://latin.epson.com/support (Latin America)

https://epson.sn (Other regions)

2 Plug the power cable into a grounded outlet and turn the printer on.



Important:

The shape of the power plug varies depending on the country or region. Be sure to use the power cable supplied with the printer.

3 Perform a nozzle check to check for clogged nozzles.

“Clearing Clogged Nozzles” on page 65

4 Perform Print Head Alignment and check the print quality.

“Print Head Alignment” on page 43

Transport

Before transporting the printer, contact your dealer or Epson Support.

System Requirements

Each software can be used in the following environments. (As of January, 2025)

The supported operating systems vary by region and may change.

For the latest information, see the Epson website.

Epson Edge Dashboard

Important:

Make sure the computer on which the Epson Edge Dashboard is installed meets the following requirements.

If these requirements are not met, the software cannot monitor the printer correctly.

- ❏ *Disable your computer's hibernate function.*
- ❏ *Disable the sleep function so that the computer does not enter sleep status.*

Windows PC

Operating systems	Windows 11 Windows 10 / Windows 10 x64
CPU	Intel Core2Duo 2.5 GHz or more
Free memory	1 GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better
Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Internet Explorer 11 Microsoft Edge

Mac

Operating systems	Mac OS 10.9.5 or later
CPU	Intel Core2Duo 2.5 GHz or more
Free memory	1 GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better

Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Safari 6 or later

Epson Edge Print PRO

Operating systems	Windows 11 Windows 10 x64 Windows 8.1 x64
CPU	Intel® Core™ i3 3.0 GHz or faster (released after April 2014)
Free memory	8 GB or more
Hard disk (free space during installation)	50 GB or more
Display resolution	1280 x 1024 or better
Communication interface	High Speed USB Ethernet 100Base-TX/1000Base-T

We recommend installing this software on a computer with the highest possible specifications, considering that you will also be running applications such as Adobe Illustrator along with this software.

Data handled by this software typically requires several gigabytes, and may require tens of gigabytes, when performing high-quality, long-format printing. Therefore, we recommend using a computer with sufficient free hard disk space.

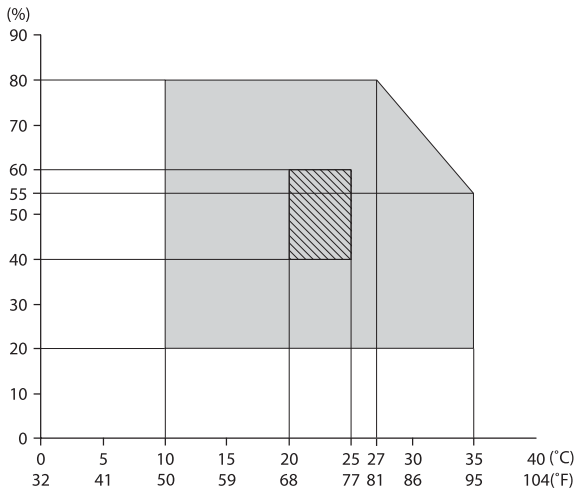
Web Config

The following browsers are supported. Make sure you are using the latest version of the browser.

Microsoft Edge, Firefox, Chrome, Safari

Specifications Table

Printer Specifications	
Printing method	On-demand ink jet
Nozzle configuration	The number of nozzles: 3,200 nozzles (400 nozzles x 2 row x 4 chips)
Resolution (maximum)	1200x600 dpi
Control code	ESC/P raster (undisclosed command)
Media feed method	Friction feed
Built-in memory	1GB
Interface	SuperSpeed USB 100Base-TX/1000Base-T*1
Rated voltage	AC100 - 240V
Rated frequency	50/60Hz
Rated current	3.4 - 1.6A
Power consumption	
In use	Approx. 65 W
Sleep mode	Approx. 6.0 W
Power off	Approx. 0.2 W
Temperature	Recommended: 20 to 25˚C (68 to 77˚F) Operating: 10 to 35˚C (50 to 95˚F) Storage (before unpacking): -10 to 40 ˚C (-14 to 104 ˚F) (do not store for more than 120 hours at 60 ˚C /140 ˚F or one month at 40 ˚C /104 ˚F) Storage (after unpacking): -20 to 40 ˚C (-4 to 104 ˚F) (do not store for more than one month at 40 ˚C /104 ˚F)
Humidity (without condensation)	Recommended: 40 to 60% Operating: 20 to 80% Storage: 5 to 85%

Printer Specifications	
Temperature and humidity range Gray area: Printing Cross-hatch lines: Recommended  	
Dimension	
Storage dimensions	(W) 1608 x (D) 746 x (H) 1128 mm (W) 63.3 x (D) 29.4 x (H) 44.4 in.
Maximum dimensions	(W) 1608 x (D) 746 x (H) 1325 mm (W) 63.3 x (D) 29.4 x (H) 52.2 in.
Weight	129 kg (285 lbs)*2

*1 Use a shielded twisted pair cable (category 5e or higher).

*2 Not including ink supply units.

Note:
For stable color printing, maintain a constant room temperature of 20 to 25˚C (68 to 77˚F).

Important:
Use the printer at an altitude of 2000 m (6562 ft.) or less.

Warning:
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

For Users in EU Countries

Information of EU declaration of conformity:

The full text of the EU declaration of conformity of this equipment is available at the following internet address.

https://www.epson.eu/conformity

ZICTA Type Approval for Users in Zambia

See the following website to check the information for ZICTA Type Approval.

https://support.epson.net/zicta/

Specifications for ink supply units and cleaning ink supply units	
Type	Dedicated ink supply unit
Type of ink	Pigment ink
Use by date	Date printed on the ink supply unit (stored at normal temperatures)
Print quality guarantee expiration	One year (after installing in the printer)
Temperature	Operating: 10 to 35˚C (50 to 95˚F) In storage (in package) and after installation in printer: -20 to 40 ˚C (-4 to 104 ˚F) (do not store for more than 4 days at -20 ˚C /-4 ˚F or one month at 40 ˚C /104 ˚F) Transporting (in package): -20 to 60 ˚C (-4 to 140 ˚F) (do not store for more than 4 days at -20 ˚C /-4 ˚F, one month at 40 ˚C /104 ˚F, or 72 hours at 60 ˚C /140 ˚F)
Dimensions (approx.)	180 (W) x 410 (D) x 30 (H) mm (7.08 [W] x 16.2 [D] x 1.18 [H] in.)
Capacity	1600 mm (54.1 ounces)

Ink cleaner specifications	
Use by date	See the date printed on the package (at normal temperature)

Ink cleaner specifications	
Temperature	Operating: 10 to 35˚C (50 to 95˚F) In storage (in package): -20 to 40˚C (-4 to 104˚F) (do not store for more than 4 days at -20 ˚C/-4 ˚F or one month at 40 ˚C/104 ˚F) Transporting (in package): -20 to 60 ˚C (-4 to 140 ˚F) (do not store for more than 4 days at -20 ˚C/-4 ˚F, one month at 40 ˚C/104 ˚F, or 72 hours at 60 ˚C/140 ˚F)
Capacity	150 ml (5.072 ounces)