EPSON
EXCEED YOUR VISION

EPSON STYLUS™ PRO 11880
EPSON STYLUS™ PRO 11880C

User's Guide

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Safety Instructions

Important Safety Instructions

Read all of these instructions before using the printer. Also be sure to follow all warnings and instructions marked on the printer.

Warning, Cautions, and Notes

Warning:
must be followed carefully to avoid bodily injury.

Caution:
must be observed to avoid damage to your equipment.

Note:
contain important information and useful tips on the operation of this printer.

When choosing a place for this product

❏ Place this product on a flat, stable surface that is larger than this product. This product will not operate properly if it is tilted or at an angle.

❏ Avoid places subject to rapid changes in temperature and humidity. Also keep it away from direct sunlight, strong light, or heat sources.

❏ Avoid places subject to shocks and vibrations.

❏ Keep this product away from dusty areas.

❏ Place this product near a wall outlet where the plug can be easily unplugged.

When setting up this product

❏ Do not block or cover the openings in this product's cabinet.

❏ Do not insert objects through the slots. Take care not to spill liquid on this product.

❏ This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock.

❏ Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.

❏ Avoid electrical outlets controlled by wall switches or automatic timers.

❏ Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.

❏ Use only the type of power source indicated on the product's label.

❏ Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.

❏ Do not use a damaged or frayed power cord.

❏ If you use an extension cord with this product, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.

❏ Do not attempt to service this product yourself.

❏ Unplug this product and refer servicing to qualified service personnel under the following conditions:

The power cord or plug is damaged; liquid has entered the product; the product has been dropped or the cabinet damaged; the product does not operate normally or exhibits a distinct change in performance.
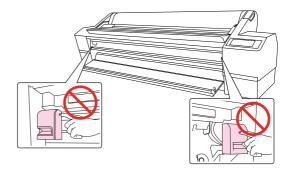
❏ If you plan to use the printer in Germany, observe the following:

To provide adequate short-circuit protection and over-current protection for this printer, the building installation must be protected by a 10 or 16 amp circuit breaker.
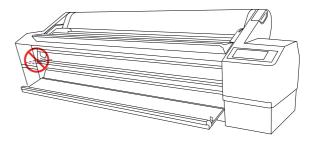
❏ If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.

When using this product

❏ Do not put your hand inside this product or touch the ink cartridges during printing.

❏ Do not move the print heads by hand; otherwise you may damage this product.

❏ Always turn the product off using the **Power** button on the control panel. When this button is pressed, the **Power** light flashes briefly then goes off. Do not unplug the power cord or turn off the product until the **Power** light stops flashing.

❏ Do not to touch the parts highlighted below.

❏ Do not touch the metal plate located at the upper left ink cartridge compartment.

When handling the ink cartridges

❏ Keep ink cartridges out of the reach of children and do not drink.

❏ If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.

❏ Shake the ink cartridge well before installing it for best results.

> **Caution:**
> *Do not shake cartridges (that have been installed previously) with too much force.*

❏ Do not use an ink cartridge beyond the date printed on the cartridge carton.

❏ Use up the ink cartridge within six months of installation for best results.

❏ Do not dismantle the ink cartridges or try to refill them. This could damage the print head.

❏ Do not touch the green IC chip on the side of the cartridge. This may affect normal operation and printing.

❏ The IC chip on this ink cartridge retains a variety of cartridge related-information, such as the ink cartridge status, so that the cartridge may be removed and reinserted freely. However, each time the cartridge is inserted, some ink is consumed because the printer automatically performs a reliability check.

❏ If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust, and store it in the same environment as this product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply port or surrounding area.
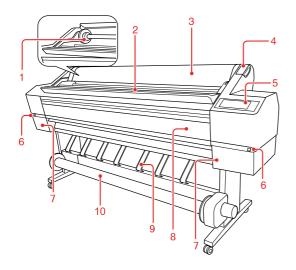
When transporting this product

❏ Before transporting the printer, make sure the print heads are in the home (far right) position.

Introduction

Printer Parts

Front view

1. Roll paper spindle
Use the spindle to set the roll paper.

2. Paper roll holder
Place the roll paper temporarily.

3. Roll paper cover
Open the roll paper cover when you set or remove the roll paper.

4. Paper lever
Set or release the paper.

5. Control panel
The control panel consists of buttons, lights, and a liquid crystal display (LCD).

6. Ink cover open button (on both sides)
Push this button to open the ink cover.

7. Ink cartridge compartment (on both sides)
Set the ink cartridges in here.

8. Front cover
Open the front cover when you change the cutter or remove jammed paper.
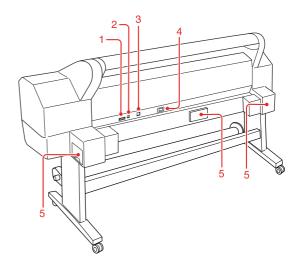
9. Paper guides
Use the paper guides to lead the paper for feeding forward or backward.

10. Auto Take-up Reel Unit
Use the Auto Take-up Reel Unit to roll up your print.

Rear view

1. Auto Take-up Reel Unit connector
Connects the printer and Auto Take-up Reel Unit with a cable.

2. USB interface connector
Connects the computer and printer with a USB interface cable.

3. Network interface connector
Connects the printer to the network with a network interface cable.

4. AC inlet
Plug the power cord.

5. Maintenance tanks (on both sides and the center)
There are three maintenance tanks, where the waste ink goes into.

Features

EPSON Stylus Pro 11880/11880C is a wide-format ink jet color printer that supports 64-inch roll paper and B0 size cut sheet media.

The features of this printer are described below.

Printing monochrome photos
Using Epson UltraChrome K3 ink, with the three densities of black ink as the main inks adjusted with light coloring, you can achieve subtle black and white tones. Also, you can print monochrome photos with rich tones from color photo data using only the functions of the printer driver, without having to use an application.

→ See "Black-and-White Photo Printing" on page 77.

Support for a range of paper types
Epson offers a range of special media for ensuring high-quality printing. By selecting the right paper for the application, whether for indoor or outdoor use (lamination is recommended), you can express a whole new world of art. Also, the printer handles paper up to 1.5-mm thick and can also print on paperboard.

→ See "Paper Information" on page 110.

Using Epson UltraChrome K3 ink, you can achieve high-quality printing that resists fading
Combining Epson UltraChrome K3 ink and Epson special media ensures superior light fastness and ozone resistance. This opens up the range of uses from printing photos to displays and banners for storefronts using long paper, posters, and other applications normally subject to fading.

Stability of ink after printing
Since the color of the ink stabilizes soon after printing, the prints can be used in the prepress workflow and for color proof applications.

Reduced color difference in different light source conditions
Previously, coloring with light colors was used to achieve subtle tones. However, to minimize this and thereby reduce color differences in different light source conditions, Light Light Black ink is used instead. The color remains stable even under different light sources, ensuring consistently high quality printing.

Borderless printing
Using Auto Expand or Retain Size, you can perform borderless printing.

→ See "Borderless Printing" on page 79.

There is also a borderless poster printing function that allows you to make big posters by simply joining together a number of prints.

→ See "Poster Printing" on page 89.

Auto Take-up Reel Unit provided as standard
This automatically takes up printed paper, keeping it clean and free of creases. It is also convenient for storage and transportation.

Auto selection for two kind of black inks
Both Photo and Matte Black ink are installed in this printer. Photo Black ink can be used for all media types with professional quality results. Matte Black ink significantly increases black optical density when printing on matte and fine art type papers. These black inks are switched automatically according to the papers.

Large-capacity (700 ml) ink cartridge
Epson provides the large-capacity (700 ml) ink cartridges for this printer that realize the high productivity required for professional work.

High speed USB 2.0 / Gigabit Ethernet
You can connect to a high-speed network (such as USB 2.0 or Ethernet 100/1000) and that improves the file transfer speed.

Roll paper remaining
The remaining amount of the roll paper is displayed on the LCD panel. When you remove the roll paper, the barcode (including the paper type, the roll paper length, and the roll length alert value information) is printed on the roll paper edge. This will facilitate paper setting the next time the same paper is used.
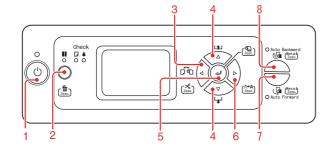
The Control Panel

Buttons, Lights, and Messages

You can check the ink remaining and printer status on the control panel.

Buttons

1. Power button ⏻
Turns the printer on or off.

2. Pause/Reset button ▮▮ / 🗑
Stops printing temporarily, or restarts printing if pressed when the printer is in the pause mode.

❏ Clears print data in the printer memory if pressed and held for 3 seconds.

❏ The printer returns to the READY state when this button is pressed in the Menu mode.

3. Paper Source button ◁
❏ Selects a paper source and roll paper cut method. The icon changes by pressing this button. However, you cannot change the paper source icon when you set the paper while REMAINING PPR SETUP is set to ON.

Icon	Explanation	
✄ roll	Roll Auto Cut On	Prints on the roll paper. It cuts the roll paper automatically after printing each page.
roll	Roll Auto Cut Off	Prints on the roll paper. It does not cut the paper automatically after printing. You need to cut the paper with a cutter manually.
sheet	Sheet	Prints on the sheet.

❏ Cuts or feeds the roll paper if pressed and held for 3 seconds.

❏ Returns to the previous level when pressed in the Menu mode.

❏ When you print from the printer driver, the settings you make on the printer driver have priority over the settings you make on the printer's control panel.

4. Paper Feed button △ / ▽
❏ Feeds the roll paper in the forward ▽ or reverse △ direction. If you want to feed the paper faster, press and hold it for 3 seconds. You can feed 20 cm of paper for one press.

❏ If the roll paper is detected and you press the button with the paper lever in the released position, you can adjust the roll paper suction in the paper feed path in 3 stages.
→ See "Loading roll paper" on page 30.

❏ Feeds the sheet in the forward direction when you press the ▽ button.

❏ Changes the parameter in the forward ▽ or reverse △ order when selecting a desired parameter in the Menu mode.

5. Enter button ⏎

❏ Sets the selected parameter in the selected item in the Menu mode. Executes the item if the selected item is for execution only.

❏ When you press and hold the ⏎ button for 3 seconds while `REMAINING PPR SETUP` is `ON:AT ROLL EXCHANGE`, a barcode is printed on the roll paper edge and the paper lever is released.

6. Menu button ▷

❏ Enters the Menu mode when pressed in the READY state.

➔ See "Menu Mode" on page 15.

❏ Enters the Printer Status menu if pressed during printing.

➔ See "PRINTER STATUS" on page 22.

❏ When pressed in the Menu mode, a desired menu can be selected.

❏ Cleans the print heads if pressed and held for 3 seconds.
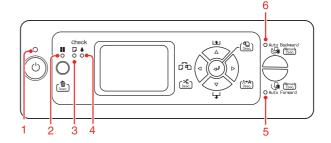
7. Auto Forward button

❏ When the roll paper is fed into the detection area of the sensor, it is automatically taken up with the printed surface on the outside.

❏ When you press the button for more than 2 seconds while the light is on, Auto Take-up Reel Unit starts to take up and the printer starts to feed the paper simultaneously. When you press the button for more than 2 seconds while the light is off, only Auto Take-up Reel Unit starts to take up.

8. Auto Backward button

❏ When the roll paper is fed into the detection area of the sensor, it is automatically taken up with the printed surface on the inside.

❏ When you press the button for more than 2 seconds while the light is on, Auto Take-up Reel Unit starts to take up and the printer starts to feed the paper simultaneously. When you press the button for more than 2 seconds while the light is off, only Auto Take-up Reel Unit starts to take up.

Lights
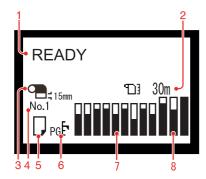
1	Power light	On	The printer is on.
		Flashing	The printer is receiving the data. The printer is in process of turning off.
		Off	The printer is off.
2	Pause light	On	The printer is in the Menu mode. The printer is in the pause mode. The printer has an error.
		Off	The printer is ready to print data.
3	Paper Check light	On	No paper is loaded in the paper source. The paper lever is releasing. The paper setting is not correct.
		Flashing	Paper is jammed. Paper is not loaded straight.
		Off	The printer is ready to print data.
4	Ink Check light	On	The installed ink cartridge is expended. The ink cartridge is not installed. The wrong ink cartridge is installed.
		Flashing	The installed ink cartridge is nearly expended.
		Off	The printer is ready for print data.

5	Auto Forward light	On	Auto Forward is enabled.
		Flashing	A taking-up error has occurred.
		Off	Auto Forward is disabled.
6	Auto Backward light	On	Auto Backward is enabled.
		Flashing	A taking-up error has occurred.
		Off	Auto Backward is disabled.

Display

1. Messages
Displays the printer status, operation, and error messages.
→ See "Error Messages on the LCD Panel" on page 149.
→ See "Details of Menu mode" on page 20.

The following information may be displayed on the second line of the message.

2. Roll Paper Counter icon
Displays the remaining amount of the roll paper. When you make the following settings, the icon and the remaining amount of the roll paper is displayed.

❏ REMAINING PPR SETUP is set to ON in ROLL PAPER REMAINING of the Paper Setup menu.

❏ The length of the roll paper is set for the ROLL PAPER LENGTH in ROLL PAPER REMAINING of the Paper Setup menu.

❏ The roll length alert value is set for the ROLL LENGTH ALERT in ROLL PAPER REMAINING of the Paper Setup menu.

If you select OFF for REMAINING PPR SETUP in the Paper Setup menu, the Roll Paper Counter icon is not displayed.

3. Roll Paper Margin icon
Displays the paper margin icon with the margins you have selected for the ROLL PAPER MARGIN.

❏ 15mm: When TOP/BOTTOM 15mm is selected.

❏ 35/15mm: When TOP 35/BOTTOM 15mm is selected.

❏ 3mm: When 3mm is selected.

❏ 15mm: When 15mm is selected.

Nothing appears if DEFAULT is selected for ROLL PAPER MARGIN.
→ See "Menu list" on page 18.

4. Paper Number
When you select paper number (1 to 10) for Custom Paper, the number you selected appears.
→ See "Setting the custom paper in the printer" on page 100.

5. Paper Source icon
Displays the paper source and roll paper cut setting.
You can select the following paper source icons by pressing the ◁ button displayed on the LCD panel.
When you print from the printer driver, the settings you make on the printer driver have priority over the settings you make on the printer's control panel.

Icon	Explanation
	Prints on the roll paper. It cuts the roll paper automatically after printing each page.
	Prints on the roll paper. It does not cut automatically after printing.
	Prints on the sheet.

6. Platen Gap icon
Displays the Platen Gap setting.
If the paper number you have selected in the Custom Paper menu is displayed, the Platen Gap icon is not displayed.
→ See "Menu list" on page 18.

Icon	Explanation
None	Standard
PGE	Narrow
PGE	Wide
PGE	Wider
PGE	Widest

7. Ink cartridge status icon
Displays the remaining amount of ink in each cartridge.

❑ Ink cartridge

Number	Ink color
1	Vivid Light Magenta (VLM)
2	Light Light Black (LLK)
3	Matte Black (MK)
4	Light Black (LK)
5	Light Cyan (LC)
6	Cyan (C)
7	Vivid Magenta (VM)
8	Photo Black (PK)
9	Yellow (Y)

❑ Ink remaining

Icon			Description
			There is enough ink remaining.
			We recommend you prepare a new ink cartridge.
			Prepare a new ink cartridge. (flashing) This icon indicates the yellow tank.
			The ink is expended so you cannot print. Replace the ink cartridge with a new one. This icon indicates the yellow tank.
			Cartridge error or no cartridge.

8. Maintenance tank icon
The rightmost three icons show the free space of the left, center, and right maintenance tanks respectively.
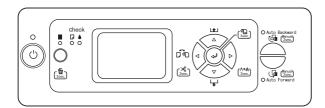
Icon			Description
			There is enough free space in the maintenance tanks.
			We recommend you prepare a new maintenance tank.
			Prepare a new maintenance tank. (flashing)
			The maintenance tank is full. Replace the maintenance tank with a new one.

Menu Mode

The Menu mode enables you to make printer settings similar to those you would normally make in the driver or software, as well as other additional settings, directly through the control panel. The control panel shows the printer information, and operations such as nozzle check can be performed using the control panel.

Using the Menu mode

Note:
Press the ▌▌ *button whenever you want to exit the Menu mode and return to the READY state.*
Press the ◁ *button to return to the previous step.*
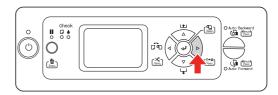
Follow the steps below to use the Menu mode.

1. Select a menu.
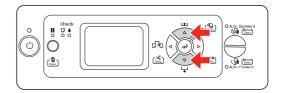
Example: Select `PRINTER SETUP`.

1 Press the ▷ button to enter the Menu mode.

The first menu appears on the LCD panel.
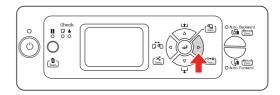
2 Press the △ / ▽ button to select `PRINTER SETUP`.

3 Press the ▷ button to enter the Printer Setup menu.
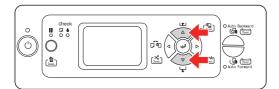
2. There are three cases depending on the items you have selected.
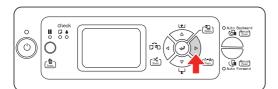
A. When you can select a parameter

Example: When selecting PLATEN GAP in the Printer Setup menu

1 Press the △ / ▽ button to select PLATEN GAP.
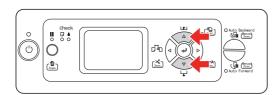
2 Press the ▷ button to enter the Platen Gap item.
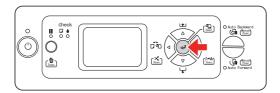
3 Press the △ / ▽ button to select a parameter for the item.
The current setting is marked with an asterisk (*).

4 Press the ⏎ button to store the selected parameter.
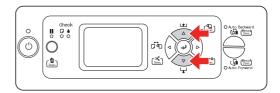
5 Press the ◁ button to return to the previous level, or press the ⏸ button to exit the Menu mode.
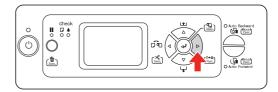
B. When you execute a function

Example: When selecting NOZZLE CHECK in the Test Print menu
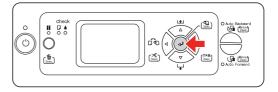
1 In the Test Print menu, press the △ / ▽ button to select NOZZLE CHECK.

2 Press the ▷ button to enter the Nozzle Check item.
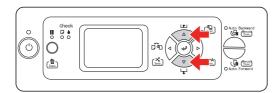
3 Press the ⏎ button to execute the Nozzle Check.
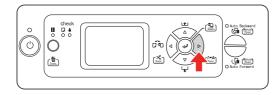
C. When you want to display the printer information

Example: When selecting INK LEVEL in the Printer Status menu.

1 In the Printer Status menu, press the △ / ▽ button to select INK LEVEL.
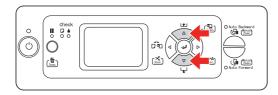
2 Press the ▷ button to enter the Ink Level item.

3 Confirm the remaining ink on the display. Press the △ / ▽ button to display the remaining amount of each ink color.

Example: Matte Black 84%

4 Press the ◁ button to return to the previous level or press the ❚❚ button to exit the Menu mode.

Menu list

Menu	Item	Parameter
"PRINTER SETUP" on page 20	PLATEN GAP	NARROW, STANDARD, WIDE, WIDER, WIDEST
	PAGE LINE	ON, OFF
	ROLL PAPER MARGIN	DEFAULT, TOP/BOTTOM 15mm, TOP 35/BOTTOM 15mm, 15mm, 3mm
	PAPER SIZE CHECK	ON, OFF
	PAPER SKEW CHECK	ON, OFF
	REFRESH MARGIN	ON, OFF
	AUTO NOZZLE CHECK	ON: PERIODICALLY, ON: EVERY JOB, OFF
	PRINT NOZZLE PATTERN	OFF, ON: EVERY PAGE, ON: EVERY 10 PAGES
	INITIALIZE SETTINGS	EXECUTE
"TEST PRINT" on page 21	NOZZLE CHECK	PRINT
	STATUS SHEET	PRINT
	NETWORK STATUS SHEET	PRINT
	JOB INFORMATION	PRINT
	CUSTOM PAPER	PRINT
"MAINTENANCE" on page 22	CUTTER ADJUSTMENT	EXECUTE
	CUTTER REPLACEMENT	EXECUTE
	POWER CLEANING	EXECUTE
	CLEAN EACH COLOR	C/VM, PK, MK/Y, LLK/LK, VLM/LC
	CLOCK SETTING	MM/DD/YY HH:MM
	CONTRAST ADJUSTMENT	-20 - 0 - +20

"PRINTER STATUS" on page 22	VERSION	F0xxxx-xx xx IBCC
	PRINTABLE PAGES	(ink color) nnnnnnn PAGES
	INK LEVEL	(ink color) nn%
	MAINTENANCE TANK	LEFT nn% CENTER REAR nn% RIGHT nn%
	USAGE COUNT	INK xxxxx.xml PAPER xxxxx.xcm
	CLEAR USAGE COUNT	INK EXECUTE PAPER EXECUTE
	JOB HISTORY	No. 0-No. 9 Ink xxxxx.xml Paper xxx.x cm2
	TOTAL PRINTS	nnnnnn PAGES
	EDM STATUS	NOT STARTED, ENABLED, DISABLED LAST UPLOADED MM/DD/YY HH:MM GMT, (NOT UPLOADED)
"PAPER SETUP" on page 23	PAPER TYPE	Photo Paper Proofing Paper Fine Art Paper Matte Paper Plain Paper Others CUSTOM PAPER NO PAPER SELECTED
	ROLL PAPER REMAINING	REMAINING PPR SETUP ROLL PAPER LENGTH ROLL LENGTH ALERT
	CUSTOM PAPER	PAPER NO.1 - 10
"HEAD ALIGNMENT" on page 26	PAPER THICKNESS	SELECT PAPER TYPE SELECT THICKNESS
	ALIGNMENT	AUTO, MANUAL
"NETWORK SETUP" on page 26	NETWORK SETUP	DISABLE, ENABLE
	IP ADDRESS SETTING	AUTO, PANEL
	IP, SM, DG SETTING	IP ADDRESS 000.000.000.000 - 192.168.192.168 - 255.255.255.255 SUBNET MASK 000.000.000.000 - 255.255.255.000 - 255.255.255.255 DEFAULT GATEWAY 000.000.000.000 - 255.255.255.255
	BONJOUR	ON, OFF
	INIT NETWORK SETTING	EXECUTE

Details of Menu mode

PRINTER SETUP

Item	Parameter	Explanation
PLATEN GAP	NARROW STANDARD WIDE WIDER WIDEST	You can adjust the distance between the print head and paper. ❏ STANDARD: Normally, select STANDARD. ❏ When selecting other than STANDARD, the following icon appears on the LCD panel. NARROW: PGE WIDE: PGE WIDER: PGE WIDEST: PGE
PAGE LINE	ON OFF	You can select whether to print a page line (line along which to cut) on the roll paper. Select ON if you want to print the page line, or OFF otherwise. The vertical line may be printed when the roll paper width that is set in the printer driver is smaller than the width of the roll paper that is loaded in the printer. * This setting is available for roll paper only.
ROLL PAPER MARGIN	DEFAULT TOP/BOTTOM15mm TOP 35/BOTTOM 15mm 15mm 3mm	You can select margins for roll paper. ❏ DEFAULT: The top and bottom margins are 15 mm and left and right margins are 3 mm. *The top margin of Premium Glossy Photo Paper (250), Premium Semigloss Photo Paper (250), and Premium Luster Photo Paper (260) are 20 mm and the bottom margin is 15 mm. ❏ TOP/BOTTOM 15mm: The top and bottom margins are 15 mm and left and right margins are 3 mm. ❏ TOP 35/BOTTOM 15mm: The top margin is 35 mm, bottom is 15 mm, and left and right are 3 mm. ❏ 15mm: The margins of all four sides are 15 mm. ❏ 3mm: The margins of all four sides are 3 mm. The print area does not change even when the margins are changed.

Item	Parameter	Explanation
PAPER SIZE CHECK	ON	You can select whether to check the paper width.
	OFF	❏ ON: Check the paper width and top edge of the paper. ❏ OFF: Do not check the paper width and top edge of the paper. The printer continues to print even if the paper width does not match the data width, and the printer may print beyond the paper. Because this soils the inside of the printer, we recommend you select ON. This may result in a wider blank margin at the top of each page.
PAPER SKEW CHECK	ON	When you select ON, if the paper is not straight, PAPER SKEW appears on the LCD panel and the printer stops printing. When you select OFF, a paper align error does not occur even if the printed data is out of range of the paper, and the printer continues to print.
	OFF	
REFRESH MARGIN	ON	When you select ON, the printer cuts an extra print area automatically after borderless printing.
	OFF	
AUTO NOZZLE CHECK	ON: PERIODICALLY	When you select ON, the printer performs a nozzle check and if there are missing dots, it performs cleaning automatically. ❏ ON: PERIODICALLY Automatically performs a nozzle check periodically. ❏ ON: EVERY JOB Performs a nozzle check before printing each job. ❏ OFF Does not perform a nozzle check automatically.
	ON: EVERY JOB	
	OFF	
PRINT NOZZLE PATTERN	OFF	When you select ON, the printer prints the nozzle check pattern before printing each print job or the 10th sheet, depending on the setting you have set. * This setting is available for roll paper only.
	ON: EVERY PAGE	
	ON: EVERY 10 PAGES	
INITIALIZE SETTINGS	EXECUTE	You can return all setting values you have made in the Printer Setup menu to their factory set value.

TEST PRINT

Item	Parameter	Explanation
NOZZLE CHECK	PRINT	You can print a print head nozzle check pattern for each ink cartridge. It also prints the firmware version, the ink usage, and the free space of the maintenance tank. → See "Nozzle check" on page 132.
STATUS SHEET	PRINT	You can print the current printer status.
NETWORK STATUS SHEET	PRINT	You can print the current network status.
JOB INFORMATION	PRINT	You can print the job information saved in the printer (up to 10 jobs).
CUSTOM PAPER	PRINT	You can print custom paper information registered in the Paper Setup menu.

MAINTENANCE

You can perform maintenance functions, such as power cleaning.

Item	Parameter	Explanation
CUTTER ADJUSTMENT	EXECUTE	You can adjust the cutter position by selecting the cutter position number.
CUTTER REPLACEMENT	EXECUTE	You can see the procedure used to replace the paper cutter. Follow the instructions on the LCD panel.
POWER CLEANING	EXECUTE	You can clean the print head more effectively than normal head cleaning.
CLEAN EACH COLOR	C/VM	You can perform the cleaning for the specified nozzles only.
	PK	
	MK/Y	
	LLK/LK	
	VLM/LC	
CLOCK SETTING	MM/DD/YY HH:MM	You can set year, month, date, hour, and minute.
CONTRAST ADJUSTMENT	0	You can adjust the contrast of the LCD panel.
	-20 - 0 - +20	

PRINTER STATUS

This menu shows the printer status.

Item	Parameter	Explanation
VERSION	F0xxxx-xx xx IBCC	You can see the firmware version.
PRINTABLE PAGES	(ink color) nnnnnnn PAGES	You can see the number of pages printable for each ink cartridge.
INK LEVEL	(ink color) nn%	You can see the status of each ink cartridge.
MAINTENANCE TANK	LEFT nn%	You can see the free space of the maintenance tank.
	CENTER REAR nn%	
	RIGHT nn%	
USAGE COUNT	INK xxxxx.xml	You can see the ink consumption in milliliters and paper consumption amount in centimeters. Values shown in USAGE COUNT are rough indications.
	PAPER xxxxx.xcm	
CLEAR USAGE COUNT	INK EXECUTE	You can clear the values set in USAGE COUNT.
	PAPER EXECUTE	
JOB HISTORY	No. 0 - No.9 Ink xxxxx.xml Paper xxx.x cm2	You can see ink consumption (INK) in milliliters and paper size (PAPER) for each print job saved in the printer. The latest job is saved as No. 0.
TOTAL PRINTS	nnnnnn PAGES	You can see the total amount of pages you have printed.

Item	Parameter	Explanation
EDM STATUS	NOT STARTED, ENABLED, DISABLED	You can see if the EDM is enabled or disabled. If the EDM is enabled, the time that the EDM status was last uploaded is displayed.
	LAST UPLOADED MM/DD/YY HH:MM GMT, (NOT UPLOADED)	

Note:
❏ *When the indicator light remains on, you need to replace the expended ink cartridge. If you replace the cartridge correctly, the counter resets automatically.*
   ➔ *See "Replacing Ink Cartridges" on page 122.*

❏ *When the maintenance tank icon indicates that the maintenance tank is full or near full on the LCD panel, you need to replace the maintenance tank. If you replace the tank correctly, the counter resets automatically.*
   ➔ *See "Replacing the Maintenance Tank" on page 127.*

PAPER SETUP

When you use non-Epson media, be sure to make the appropriate settings for the paper.

Item	Parameter	Explanation
PAPER TYPE	Photo Paper	You can select the media type loaded in the printer.
	Proofing Paper	
	Fine Art Paper	
	Matte Paper	
	Plain Paper	
	Others	
	CUSTOM PAPER	
	NO PAPER SELECTED	

Item	Parameter	Explanation
ROLL PAPER REMAINING *This menu does not appear when the paper is loaded in the printer.	REMAINING PPR SETUP	You can set a paper remaining counter function only if the paper is not loaded in the printer. ❏ OFF: The ROLL PAPER REMAINING function is disabled. The Roll Paper Counter icon does not appear on the LCD panel. ❏ ON: PRINT EVERY PAGE: The remaining amount of the roll paper is displayed on the LCD panel. At the end of the print job, the barcode (including the paper type, the roll paper length, and the roll length alert value information) is printed on the roll paper edge. When the printer is turned on or the roll paper is set in the printer, the barcode is scanned. ❏ ON: AT ROLL EXCHANGE: The remaining amount of the roll paper is displayed on the LCD panel. When this setting is selected, the paper lever is locked. When you press and hold the ⏎ button for 3 seconds, the barcode (including the paper type, the roll paper length, and the roll length alert value information) is printed on the roll paper edge and then the paper lever is released. When the printer is turned on or the roll paper is set in the printer, the barcode is scanned.
	ROLL PAPER LENGTH	You can get a message when there is not much paper left, by setting the roll alert. When using roll paper, enter the length of the roll paper set in the printer and the alert value. You can set the roll paper length from 5.0 to 99.5 m, and the roll length alert from 1 to 15 m.
	ROLL LENGTH ALERT	
CUSTOM PAPER	PAPER NO.1 - 10	You can select a number (between 1 to 10) to register the settings (such as Paper Type, Platen Gap, Thickness Pattern, Cut Method, Paper Feed Adjust, Drying Time, Paper Suction) or to recall these settings you have made. The number you select here is displayed on the LCD panel. ➔ See "CUSTOM PAPER" on page 25.

CUSTOM PAPER

When using the non-Epson media, you need to make the settings suitable for the media.

After you have selected the paper number, make the following settings.

To set the custom paper, see the following section.
→ "Setting the custom paper in the printer" on page 100

Item	Parameter	Explanation
PAPER TYPE	Photo Paper	You can select the media type.
	Proofing Paper	
	Fine Art Paper	
	Matte Paper	
	Plain Paper	
	Others	
PLATEN GAP	NARROW	You can adjust the distance between the print head and paper. STANDARD: Normally, select STANDARD. NARROW: Use this when printing on thin paper. WIDE or WIDER: Select this if you find that printed images are smeared. WIDEST: Use this when printing on thick paper.
	STANDARD	
	WIDE	
	WIDER	
	WIDEST	
THICKNESS PATTERN	PRINT	You can print the paper thickness detection pattern.
CUT METHOD	STANDARD	You can specify a cutting method.
	THIN PAPER	
	THICK PAPER, FAST	
	THICK PAPER, SLOW	
PAPER FEED ADJUST	0.00%	You can set the paper feed amount of the printable area. The range is -0.70 to 0.70%. If the paper feed value is too large, white horizontal micro-banding may appear. If the paper feed value is too small, dark horizontal micro-banding may appear.
	-0.70% to +0.70%	
DRYING TIME	0.0 SEC	You can set the ink drying time for each print head pass. The range is 0 to 10 seconds. Depending on the ink density or paper type, the ink does not dry soon. In this case, set the drying time longer.
	0.0 SEC to 10.0 SEC	
PAPER SUCTION	STANDARD	You can set the suction pressure used to feed the printed paper.
	-1 to -4	

HEAD ALIGNMENT

You can perform print head alignment. For more details for the print head alignment, see the following section.

→ "Print head alignment" on page 138

Item	Parameter	Explanation
PAPER THICKNESS	SELECT PAPER TYPE	When using Epson special media, select the paper type. If you use non-Epson special media, enter the paper thickness in the range of 0.1 to 1.5 mm.
	SELECT THICKNESS	
ALIGNMENT	AUTO	When you select AUTO, the adjustment pattern for output is read by the sensor and the optimum adjustment value is registered automatically in the printer. When you select MANUAL, you need to check the pattern and enter the value for alignment.
	MANUAL	

NETWORK SETUP
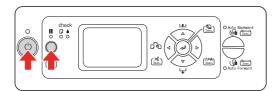
This menu contains the following items. For detailed information about network settings, see the *Administrator's Guide*.

Item	Parameter	Explanation
NETWORK SETUP	DISABLE	You can configure the network setting of the printer. The following items appear only when ENABLE is selected. After setting the items, press the ◁ button in the Network Setup menu, so the network is reset and the network connection is available after 15 seconds. The Network Setup menu does not appear while resetting the network.
	ENABLE	
IP ADDRESS SETTING	AUTO	You can select the method to set the IP address to the printer. When you select PANEL, IP, SM, DG SETTING appears.
	PANEL	
IP, SM, DG SETTING	Ask your system administrator for detailed information.	
BONJOUR	ON	You can enable or disable the Bonjour setting.
	OFF	
INIT NETWORK SETTING	EXECUTE	You can return the network settings of the printer to the factory default value.

Maintenance Mode

You can change the language or unit used on the display or return all the setting values to their factory default.

1 Turn off the printer by pressing the ⏻ button.

2 Press both the ❚❚ button and the ⏻ button at the same time to turn on the printer.

The first menu appears on the LCD panel. The setting procedures are the same as the Menu mode.
→ See "Using the Menu mode" on page 15.

3 To exit the Maintenance mode, press the ⏻ button to turn off the printer.

Maintenance mode list

Item	Parameter	Explanation
LANGUAGE	ENGLISH	You can select the language to be displayed on the LCD panel.
	JAPANESE	
	FRENCH	
	GERMAN	
	ITALIAN	
	PORTUGUE	
	SPANISH	
	DUTCH	
UNIT	METRIC	You can select a unit of measurement to use to display length.
	FEET/INCH	
CUT PRESSURE	0 - 150%	You can select a cutting pressure.
SS CLEANING	EXECUTE	You can perform ultrasonic head cleaning.
PWR ON ROLL PPR FEED	ON	You can save roll paper by not feeding paper after the power is on.
	OFF	
DEFAULT PANEL	EXECUTE	You can set all setting values you made in the Menu mode to their factory set value.
CUSTOM	0 - 255	You can make custom settings.

Paper Handling

Supported Media

We recommend you use Epson special media that can enhance the usage and expressive power of the printing results. See the following section for more information on the paper.
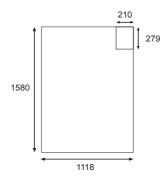
➜ "Paper Information" on page 110
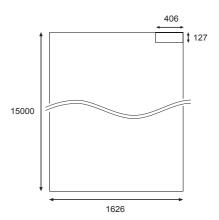
> *Note:*
> ❏ *Do not use paper that is wrinkled, scuffed, torn, dirty or otherwise imperfect.*
>
> ❏ *Insert the paper just before printing. Remove it from the printer when printing is finished and store it in accordance with the instructions for the media that you are using.*
>
> ❏ *When you use paper other than Epson special media, see the instructions included with the paper, or contact your supplier for more information. Test the print quality before purchasing a large amount of paper.*
>
> ➜ *See "Printing with Non-Epson Media" on page 100.*

Paper size

Sheet	Width: 210 to 1118 mm Height: 279 to 1580 mm
Roll paper	Width: 406 to 1626 mm Height at 1 job: 127 to 15000 mm

Unit: mm

Paper thickness

Sheet	0.08 to 1.5 mm (paper height should be 279 to 728 mm)
	0.08 to 0.5 mm (paper height should be 729 to 1580 mm)
Roll paper	0.08 to 0.5 mm

Using Roll Paper

When using roll paper, prepare the spindle, and install the roll paper onto the spindle, and then set it on the printer. Because the roll paper is heavy, have two people set the roll paper.

> ⚡ *Warning:*
> *The paper roll is heavy so have two people set the roll paper.*
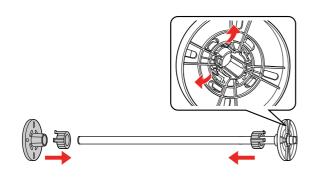
Preparing the spindle

The spindle for this printer is a 2/3-inch dual tension roll feed spindle.

Attach or remove the gray attachments according to the size of the core.

Removing the gray attachments (using 2-inch core)

Slide the black movable flange off the end of the spindle. Remove the gray attachments from the flanges.
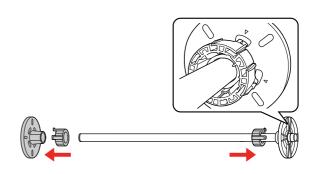
> *Note:*
> *Keep the gray attachments in a safe place for future use.*

Attaching the gray attachments (using 3-inch core)

Slide the black movable flange off the end of the spindle. Attach the gray attachments to the flanges, matching the four arrows.

Attaching the roll paper to the spindle

When installing the roll paper onto the spindle, follow the steps below.
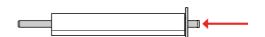
1 Place the roll paper on a flat surface such as a table top and insert the paper roll so that it is wound to the left as seen from the fixed flange (gray).

If the edges of the roll paper are not aligned, align them before inserting the roll paper.
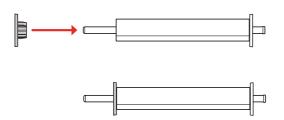
2 Slide the roll paper onto the spindle and onto the fixed flange (gray) until it fixes into place.
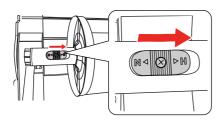
3 Slide the black movable flange onto the spindle and into the end of the roll paper until it fixes into place.

4 Change the tension of the spindle as necessary.

N: Normal tension
H: High tension

! *Caution:*
You need to use the appropriate tension according to the roll paper. See the following section for information on the spindle tension. If you use the wrong tension, the print may be marred or the printer may be damaged.
➡ *See "Paper Information" on page 110.*
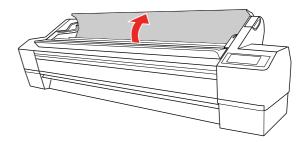
Note:
We recommend that you switch the tension to high tension when using roll paper other than Epson's special paper, such as cloth or thin roll paper of less than 100 g/m2. In this case, paper is fed in smaller increments than usual. Increase the Paper Feed Adjustment value in the Custom Paper menu.
If you print with normal tension, wrinkles may appear in the paper when printing continuously. For details, refer to the handling instructions of the roll paper.
If wrinkles appears while using plain roll paper, set the tension to high tension. You can reduce wrinkles on the paper when using high tension.

Loading roll paper

To load roll paper, follow the steps below.

Note:
❏ *When* REMAINING PPR SETUP *is* ON, *the barcode (including the paper information) is printed on the roll paper edge before the paper is remove. This will facilitate paper setting the next time the same paper is used.*
➡ *See "PAPER SETUP" on page 23.*

❏ *We recommend that you load the roll paper immediately before printing. If the paper roll is left in the printer, the roller for securing the paper may leave a mark on the surface of the paper.*

1 Open the roll paper cover.
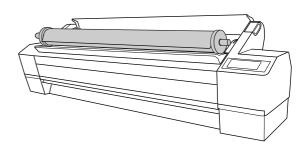
2 With the fixed paper stopper (gray) on the right, pick up the paper roll and place it in the paper roll holder. Then move the paper roll to the right.
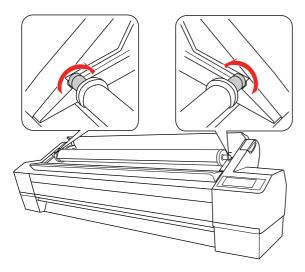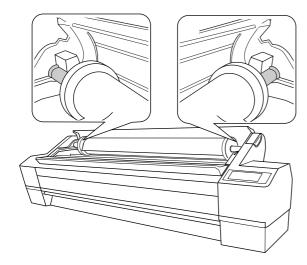
⚠ *Warning:*
The paper roll is heavy so have two people pick it up by the paper stoppers at both ends.
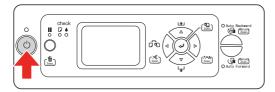
3 Aligning it with the rails on both sides, slowly roll the paper roll into place and set it on the mounting brackets inside the printer.
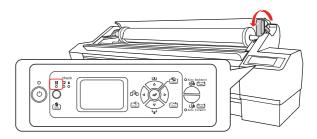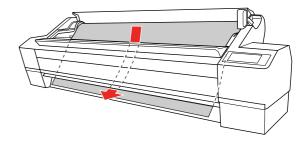
4 Turn on the printer by pressing the ⏻ button.

5 Make sure that the Pause light is not flashing, and then set the paper lever to the released position.

The paper lever may be locked if REMAINING PPR SETUP is set to ON: AT ROLL EXCHANGE. In this case, press and hold the ⏎ button for 3 seconds to print the barcode, so you can release the paper lever.
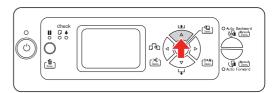
6 Insert the paper into the insertion slot. Pull the paper down through the paper insertion slot so that it comes out below.

Taking care not to fold the edge of the paper, insert it so that there is no slack.
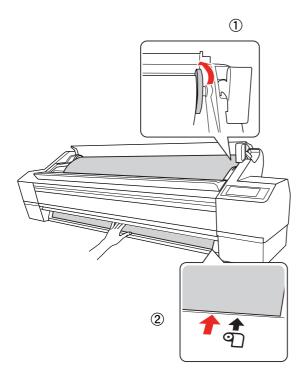
7 Adjust the feed strength by pressing the △ button.

8 Holding the bottom edge of the paper, turn the roll paper to remove slack. Make sure that the bottom edge of the paper is straight, and that it is aligned with the horizontal line.
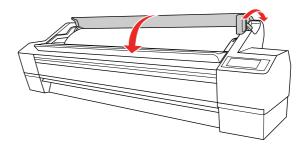
When using thick, heavy, or curled paper, press the △ button to increase the power. When using thin or light paper, press the ▽ button to decrease the power.

Note:
❏ *If the paper is loaded skewed it will not be printed properly. Be sure to align it squarely with the paper setting position. If the leading edge of the paper is cut at an angle, cut it again so it is square.*
→ *See "Cutting the roll paper" on page 33.*

❏ *If the leading edge of the roll paper extends beyond the paper setting position or is short of it, the paper cannot be taken up properly and an error occurs. Set the leading edge of the roll paper within 2 cm of the setting position.*

❏ *Do not align the right end of the roll paper with the vertical line, which is the set position of the cut sheet media. Otherwise, the paper may be slanted.*

9 Set the paper lever to the secured position, and then close the roll paper cover.

Press the ❙❙ button or wait a while.

10 If DO YOU WANT TO USE THE FOLLOWING PAPER? appears on the LCD panel, press the ▷ button to set the media type and paper remaining, and then press the ⏎ button to set the media.

The previous setting appears on the LCD panel. If the media type and paper remaining are correct, press the ◁ button.

11 If the edge of the roll paper has folds, press the ◁ button to select Roll Auto Cut On ✂ and then press and hold the ◁ button for 3 seconds to cut the edge.

12 When using the Auto Take-up Reel Unit, see the following sections.

→ See "Using Auto Take-up Reel Unit" on page 41.

Cutting the roll paper

There are two ways to cut the roll paper.

Method	Operation
Auto cut	Cut the roll paper after printing each page automatically.
Manual cut	Cut the roll paper manually, or cut the roll paper using cutter sold at a store. If you use the Auto Take-up Reel Unit, use the manual cut.

Note:
❏ *Some of the roll paper may not be cut using the built-in cutter. Use a cutter sold at a store to cut the paper.*

❏ *It may take a while to cut the roll paper. The waiting time is displayed on the LCD panel.*

❏ *When printing from the computer, the Auto Cut setting of the printer driver overrides the control panel settings.*

Setting the cutting method

Before printing, select the cutting method.

Printing from the printer's control panel (such as printing a status sheet)

Press the ◁ button to select cutting method.

Icon	Explanation
⊃✂	Roll Auto Cut On
⊃	Roll Auto Cut Off

Printing from the computer

Set the Auto Cut setting in the Roll Paper Option dialog box of the printer driver.

Cutting the roll paper after printing

Cutting the roll paper automatically

Cut the roll paper automatically after printing each page.

Cutting the roll paper manually

To cut the roll paper manually, follow the steps below.
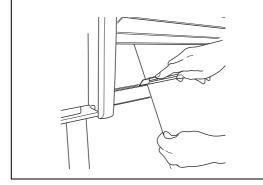
1. After printing, adjust the cutting position by pressing the ▽ button.

2. Press and hold the ◁ button for 3 seconds.

   The paper is cut by the built-in cutter.

   Note:
   If the paper cannot be cut by the built-in cutter, press and hold the ◁ button for 3 seconds so the printer automatically feeds the paper to the position where you can cut it manually. Cut the paper using the cutter by aiming at the ditch on the front cover. After cutting the paper, press the ‖ button to return to the READY state.
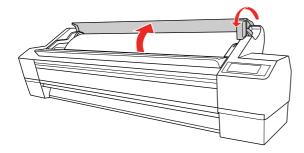
Removing the roll paper from the spindle

Note:
- ❏ *When* REMAINING PPR SETUP *is set to* ON:AT ROLL EXCHANGE, *the paper lever is locked. Press and hold the* ⏎ *button for 3 seconds so the barcode is printed on the edge of the roll paper and the paper lever is released.*

- ❏ *We recommend that you remove the roll paper from the printer after printing. If the paper roll is left in the printer, the roller for securing the paper may leave a mark on the surface of the paper.*

1   Turn on the printer by pressing the ⏻ button.

2   Open the roll paper cover. Make sure that the Pause light is not flashing, and then set the paper lever to the released position.

LEVER RELEASED. LOAD PAPER appears on the LCD panel.
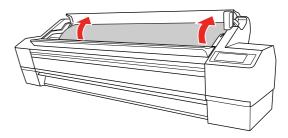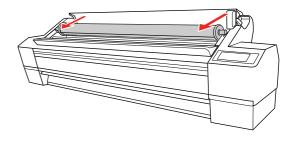
3   Rewind the roll paper, and roll it on rails to place it in the paper roll holder. Then place it down on a flat surface with two people.

⚠ *Warning:*
Have two people lift the roll paper.
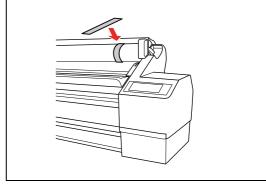
Note:
When you are not using roll paper, wrap the roll paper using the optional roll paper belt.
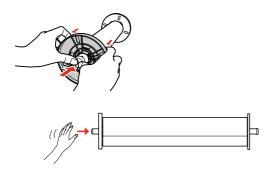
4 Hold the black movable flange as shown in the figure and remove it from the spindle.

With some types of roll paper, the black movable flange is removed by lightly tapping the spindle.

When removing it when just the core of the paper roll is left, hold the core and push on the spindle.

> ⚠ *Caution:*
> *When removing the paper roll, do not knock the left end of the spindle (the black movable flange side) against the floor. Doing so may damage the left end of the spindle.*

5 Remove the paper roll from the spindle.

After rewinding the roll paper carefully, place it in the bag and box that it came in when you purchased it.

Attach the black movable flange to the spindle, and insert it in the printer.

Using Cut Sheet Media

The procedures differs depending on your paper length and thickness.
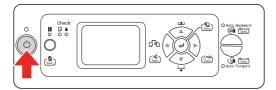
Paper thickness	Paper length	Refer to
Less than 0.5 mm	Longer than Super A3/B	→ "Loading cut sheet media longer than Super A3/B (483 mm)" on page 36
	Super A3/B or below	→ "Loading cut sheet media with a length of Super A3/B (483 mm) or below" on page 38
0.5 to 1.5 mm (thick paper)	All	→ "Printing on thick paper (0.5 to 1.5 mm)" on page 38

> *Note:*
> ❏ *Flatten the paper before loading it in the printer. If paper that is wavy or slack is loaded, the printer may not recognize the paper size correctly or may not print normally.*
> *Also, we recommend that you replace the paper in its original packaging and store it flat, only taking it out of the bag just before you use it.*
>
> ❏ *If roll paper is loaded, rewind it first before loading single sheet paper.*
>
> ❏ *When you use paper other than Epson special media, see the instructions included with the paper, or contact your supplier for more information.*

Loading cut sheet media longer than Super A3/B (483 mm)

1 Turn on the printer by pressing the ⏻ button.

2 Press the ◁ button repeatedly until Sheet 🗋 appears.

3 Make sure that the roll paper cover is closed.

4 Make sure that the Paper Check light is on, and then set the paper lever to the released position. `LEVER RELEASED. LOAD PAPER` appears on the LCD panel.

The paper lever may be locked if `REMAINING PPR SETUP` is set to `ON: AT ROLL EXCHANGE`. In this case, press and hold the ⏎ button for 3 seconds to print the barcode, so you can release the paper lever.

> **! Caution:**
> *Do not set the paper lever to the released position while the Power light or Pause light is flashing; otherwise, damage may occur.*
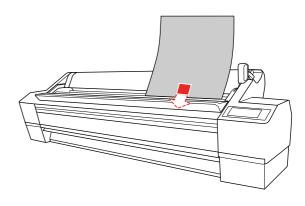
5 Load the sheet into the paper insertion slot until it comes out below.

> **Note:**
> *Load the sheet vertically, like most magazines.*

6 Make sure that the right and bottom edges of the sheet are straight and in line with the horizontal line and the vertical line.
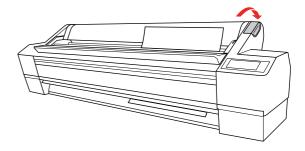
Note:
❏ *Align the paper correctly with the vertical and horizontal setting positions. If the leading edge of the paper extends beyond the paper setting position or is short of it, it will cause an error.*

❏ *If the leading edge of the paper will not come out from under the front cover, open the front cover and feed the paper downwards.*

7 Set the paper lever to the secured position.

Press the ❚❚ button or wait a while.
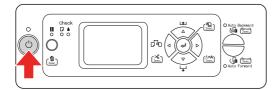
8 If `DO YOU WANT TO USE THE FOLLOWING PAPER?` appears on the LCD panel, press the ▷ button to select the media, and then press the ⏎ button to set the media.

The previous setting appears on the LCD panel. If the media type is correct, press the ◁ button.

Loading cut sheet media with a length of Super A3/B (483 mm) or below

1 Turn on the printer by pressing the ⏻ button.

2 Press the ◁ button repeatedly until Sheet 🗍 appears.

3 Make sure that the roll paper cover is closed.
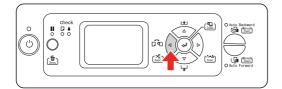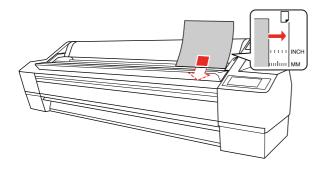
4 Make sure that the paper lever is in the secured position, and then load the sheet into the paper insertion slot until it meets resistance.

Make sure that the right edge of the paper is straight and in line with the right edge of the scale on the roll paper cover. PRESS THE ▌▌ BUTTON appears on the LCD panel.

> *Note:*
> *Load the sheet vertically, like most magazines.*

5 Press the ▌▌ button.

The print heads move and the sheet feeds into the printing position automatically.

6 If DO YOU WANT TO USE THE FOLLOWING PAPER? appears on the LCD panel, press the ▷ button to select the media, and then press the ⏎ button to set the media.

The previous setting appears on the LCD panel. If the media type is correct, press the ◁ button.
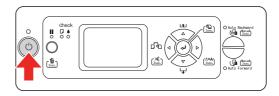
Printing on thick paper (0.5 to 1.5 mm)

When you load thick cut sheets (0.5 to 1.5 mm), such as cardboard, follow the steps below.
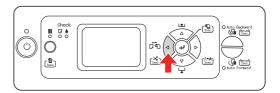
> *Note:*
> *Do not load thick paper (0.5 to 1.5 mm) longer than 728 mm; otherwise, paper jams may occur.*

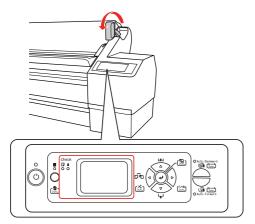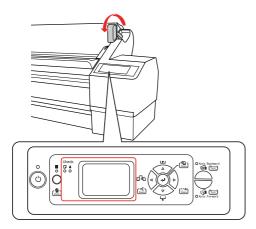**1** Turn on the printer by pressing the ⏻ button.

2 Press the ◁ button repeatedly until Sheet 🗍 appears.

3 Make sure that the roll paper cover is closed.

4 Make sure that the Paper Check light is on, and then set the paper lever to the released position. LEVER RELEASED. LOAD PAPER appears on the LCD panel.

The paper lever may be locked if REMAINING PPR SETUP is set to ON: AT ROLL EXCHANGE. In this case, press and hold the ⏎ button for 3 seconds to print the barcode, so you can release the paper lever.

> ⚠ **Caution:**
> *Do not set the paper lever to the released position while the Power light or Pause light is flashing; otherwise, damage may occur.*

5 Open the front cover.

> ⚠ **Caution:**
> *Be careful not to touch the cables around the print head; otherwise, the printer may be damaged.*
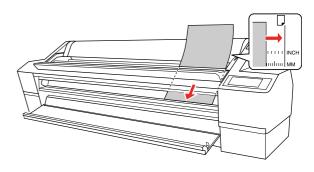
6 Load the sheet into the paper insertion slot so that the bottom edge of the paper rests behind the open front cover.

Make sure that the right and bottom edges of the sheet are straight and in line with the vertical line.
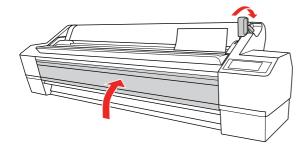
> *Note:*
> *Load the sheet vertically, like most magazines.*

7 Set the paper lever to the secured position, and then close the front cover.

PRESS THE ⏸ BUTTON appears on the LCD panel.

8 Press the ⏸ button.

The print heads move and the sheet feeds into the printing position automatically.

9 If DO YOU WANT TO USE THE FOLLOWING PAPER? appears on the LCD panel, press the ▷ button to select the media, and then press the ⏎ button to set the media.

The previous setting appears on the LCD panel. If the media type is correct, press the ◁ button.

Ejecting Paper

This section explains how to eject paper after printing.

Note:
When you use Auto Take-up Reel Unit, see the following section.
→ *"Using Auto Take-up Reel Unit" on page 41*

When you use the paper basket, see the following section.
→ *"Using the paper basket" on page 46*

For roll paper

See the following section to cut the roll paper.
→ "Cutting the roll paper" on page 33

For cut sheet media

1 When printing is complete, the printer supports the printed media, and PAPER OUT. LOAD PAPER is displayed on the LCD panel.

If READY appears on the LCD panel, press the ▽ button for 3 seconds to eject paper.

> ⚠ *Caution:*
> *Do not press any buttons when the Power light or the Pause light is flashing.*

---

2 Release the paper lever while holding the paper to remove it from the printer.
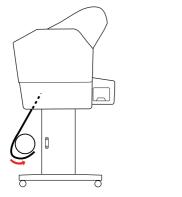
> **Caution:**
> *When you release the paper lever, the paper may fall. Be sure to hold the paper to avoid falling and damaging the paper.*
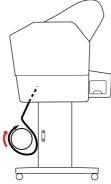
Using Auto Take-up Reel Unit

When you want to print your data on roll paper and do not want to cut it or feed it out onto the floor, you can use this Auto Take-up Reel Unit to roll up your print.

You can wind the roll paper forward or backward.

> **Warning:**
> *Make sure the take-up reel unit is installed properly and securely. Bodily injury may occur if it falls.*
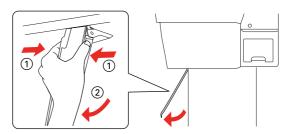
Make sure that the leading edge of the roll paper is straight; otherwise, it does not take up the roll paper correctly.

➔ See "Using Roll Paper" on page 29.
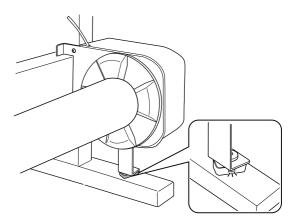
Winding paper forward

1 Set the paper guides to the forward position.

2 Make sure the orange sensor light is on.

The green sensor light indicates that the Auto-Take up Reel Unit is on.
If the orange sensor light is off, there is an obstacle between the light detector and light emitter, or the alignment of these devices is not correct. Adjust the direction of the light emitter so it is aligned with the light detector, and turn the dial to lock the light emitter.
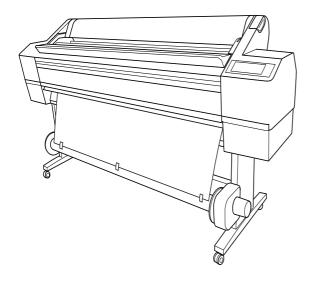
3 Press the ◁ button to select Roll Auto Cut Off ⛁.

Auto Take-up Reel Unit winds the roll paper only when Roll Auto Cut Off ⛁ is selected.
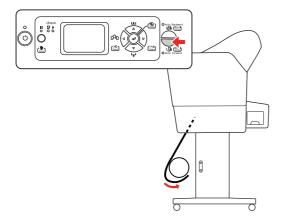
4 Align the roll paper edge with the horizontal line of the roll paper set position. The barcode is scanned when it is printed on the roll paper edge. Then press the ▽ button to feed the roll paper.

5 Tape the leading edge of the roll paper to the take-up reel core in three places.

6 Press the ▽ button to feed the paper forward and create a loop of slack.
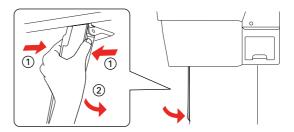
7 Hold down the **Auto Forward** button to take up the roll paper for one or more revolution of the take-up paper core.

After taking up the paper, ensure that there is adequate slack between the roll paper and the take-up reel core.
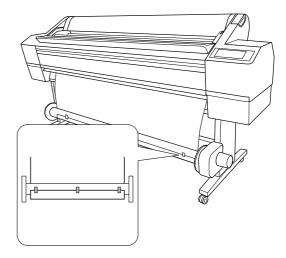
Winding paper backward

1 Set the paper guides vertically.
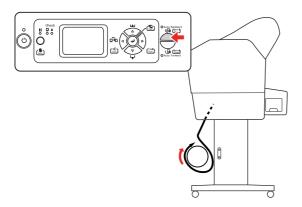
2 Pull out the roll paper. See step 3 to 5 of the following section.

3 Pull the bottom of the roll paper around the back of the reel core as shown below. Then tape the leading edge of the paper to the reel core in three places.

4 Press the ▽ button to feed the paper forward and create a loop of slack.

5 Hold down the **Auto Backward** button to take up the roll paper for one or more revolution of the take-up paper core.

After taking up the paper, ensure that there is adequate slack between the roll paper and the take-up reel core.

About paper basket

❏ When using the Auto Take-up Reel Unit, rewind the paper basket and push back the upper hooks fully.

❏ When using the paper basket, you need to remove the flange from the drive unit and movable unit and fully slide the movable unit to the left side of the printer; otherwise, the printed paper may conflict with the Auto Take-up Reel Unit and a paper feed error may occur.

Taking up your prints

When the Auto Take-up Reel Unit is installed, and the take up reel core is loaded with paper to take-up in the desired direction, you can use the unit to take up your prints.

> ⚠ *Warning:*
> *Do not touch the Auto Take-up Reel Unit while it is operating. Doing so may result in injury.*

> ❗ *Caution:*
> *During operation, be sure to stay out of the sensor detection area. Interrupting the sensor beam can cause paper to be taken up under tension and adversely affect printing.*
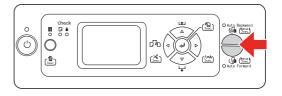
1 Set the Auto Cut setting to **Off**.

❏ When you print from the control panel (such as a status sheet, nozzle check pattern, or print head alignment pattern)

Press the ◁ button to select Roll Auto Cut Off 🗐.

❏ When you print from the printer driver

In the Roll Paper Option dialog box, select **Off** for the Auto Cut setting.

2 Press the **Auto Forward** button or the **Auto Backward** button on the control panel.

3 Send a print job to the printer.

The printer starts printing. The Auto Take-up Reel Unit takes up the roll paper in the direction you set in step 2.

Removing paper after take-up

After paper take-up, follow the steps below to remove the take-up reel core.
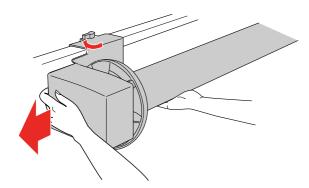
1 Cut the roll paper.

❏ Press the ◁ button to select Roll Auto Cut On 💬✂.

❏ Press the ◁ button for 3 seconds to cut the roll paper automatically.

If the roll paper cannot be cut with the built-in cutter, use a scissors or cutter sold at a store.

2 Turn the lever to unlock the movable unit, and then slide it to the left so that the flange knob clears the end of the take-up reel core.

While doing this, support the take-up reel core with one hand to keep it from falling.
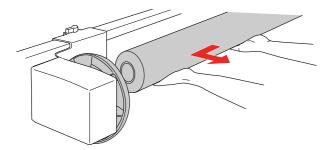
3 Remove the take-up reel core from the flange knob on the movable unit and the drive unit.

> ⚠ **Warning:**
> *The paper roll is heavy so have two people hold it by both ends of the paper roll.*

Using the core from a used paper roll as a take-up reel core

You can use a used paper roll as the take-up reel core.
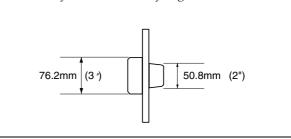
> **Note:**
> *If the paper roll core is deformed or damaged, it cannot be used as a take-up reel core.*
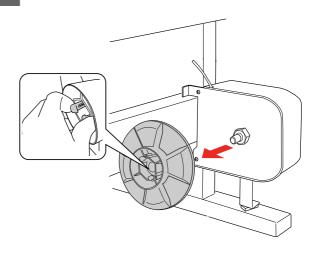
When you use the 2-inch take-up reel core, you need to reverse the flanges on the drive unit and movable unit first.

> **Note:**
> *Diameters of the knobs on the flange are shown below.*
>
>
>
> 76.2mm (3″)   50.8mm (2″)
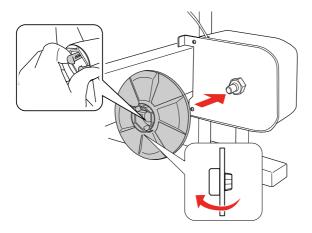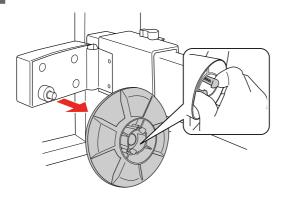
1 Remove the flange by pinching the knob.
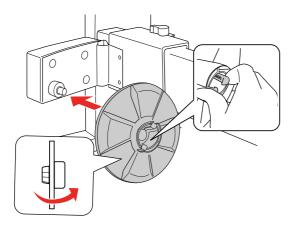
2 Reverse the flange so that the smaller knob is positioned on the outside, then replace it on the drive unit by pinching the knob.
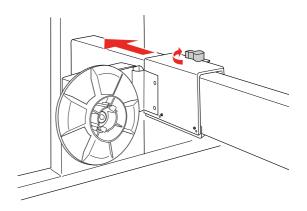
3 Remove the flange by pinching the knob.

4 Reverse the flange so that the smaller knob is positioned on the outside, then replace it on the movable unit by pinching the knob.
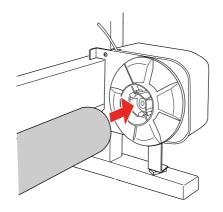
Installing a take-up reel core
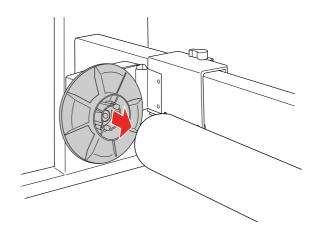
1 Make sure that the lock lever is released (turned to the left). Slide the movable unit to the left end of the horizontal strut.
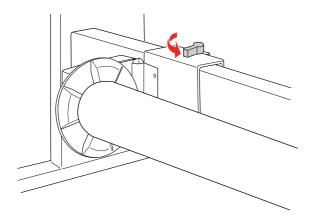
2 Slip one end of the take-up reel core over the flanged knob on the drive unit.

3 Insert the flanged knob on the movable unit into the other end of the take-up reel core.

4 Turn the lock lever to the front to lock the movable unit.

The installation of the 3-inch auto take-up reel unit is complete.

Using the paper basket
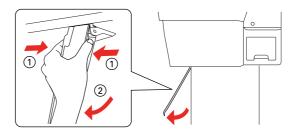
To avoid your printouts getting dirty or crinkled, set the paper basket as explained below.

You can use the paper basket when the paper length is less than 914 mm and the thickness is less than 0.5 mm.
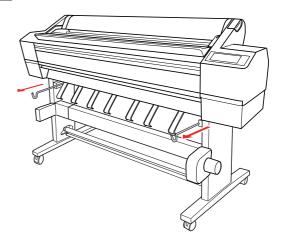
> *Note:*
> *Do not stack more than one print in the paper basket. If you stack multiple prints, the space between the paper supports and paper basket becomes narrow. This may cause a paper feed error.*

1 Set the paper guides to the forward position.
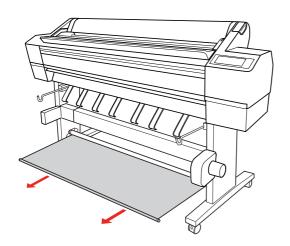
2 Pull the upper hooks out to their full length.

3 Gently and horizontally pull the shaft of the paper basket out to its full length.

Note:
Pull out the paper basket completely until it is locked. Please note that, while being pulled out, the basket may get caught and be seemingly locked several times.
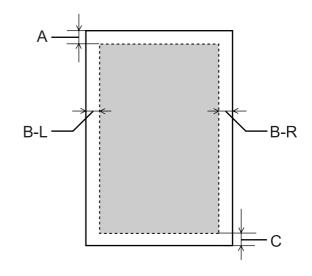
4 Hook both ends of the shaft on the upper basket hooks.

Printable area

A	Roll paper	The minimum top margin is 3.0 mm (0.12")
	Cut sheets	The minimum top margin is 3.0 mm (0.12")
B-L	Roll paper	The minimum left margin is 0.0 mm (0")
	Cut sheets	The minimum left margin is 0.0 mm (0")
B-R	Roll paper	The minimum right margin is 0.0 mm (0")
	Cut sheets	The minimum right margin is 0.0 mm (0")
C	Roll paper	The minimum bottom margin is 3.0 mm (0.12")
	Cut sheets	The minimum bottom margin is 14.0 mm (0.55")
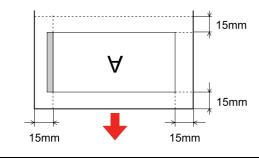
For roll paper, the following margin widths can be selected using the control panel.
→ See "PRINTER SETUP" on page 20.

Parameter	A	B-L	B-R	C
TOP/ BOTTOM 15mm	15mm	3mm	3mm	15mm
TOP35/ BOTTOM 15mm	35mm	3mm	3mm	15mm
15mm	15mm	15mm	15mm	15mm
3mm	3mm	3mm	3mm	3mm

Note:
❏ *The print area does not change even when the margins are changed.*

❏ *The printer automatically detects the dimensions of the paper that is loaded. Print data that exceeds the printable area of the paper cannot be printed.*

❏ *When the same data is printed with a 3-mm margin and a 15-mm margin and compared, you may notice that part of the right side of the 15-mm margin image is not printed.*

Using the Printer Software (Windows)

Printer Software Introduction

The printer software CD-ROM includes the following software. See the *Unpacking and Setup Guide* for installing the software, and see its online help for detailed information for each software.

❏ Printer driver

❏ EPSON Status Monitor 3

❏ EPSON LFP Remote Panel
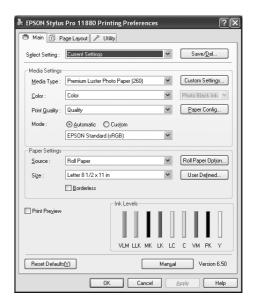
Printer driver

The printer driver lets you print documents from applications to the printer.
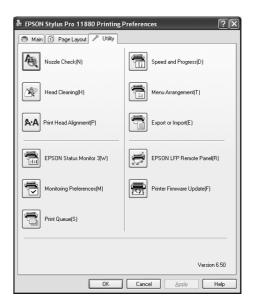
The following are the main functions of the printer driver:

❏ Sends the print data to the printer.

❏ Makes the printer settings, such as the media type, paper size. You can register these settings, and you can also easily import or export these registered settings.
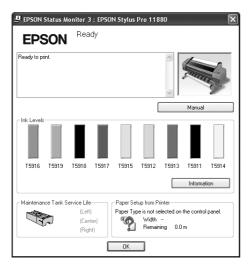
❏ Executes the printer maintenance functions and sets the operation of the printer driver in the **Utility** tab. You can also import or export printer settings.

EPSON Status Monitor 3

This utility provides you with printer status information, such as the ink cartridge status, the free space of the maintenance tank, and it also checks for printer error. EPSON Status Monitor 3 is installed with the printer driver automatically.

EPSON LFP Remote Panel

EPSON LFP Remote Panel gives the user a broad range of control over the printer, to obtain better print quality in printing on various media.

Accessing the Printer Driver

You can access the printer driver in the following ways:
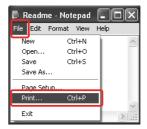
❏ From Windows applications

❏ From the Printer icon

From Windows applications

Access the printer driver from your application when you make the print settings.
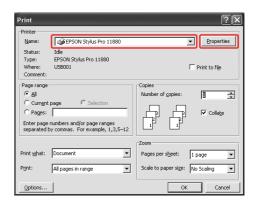
The following procedures may differ depending on the application you use.

1 From the File menu, select **Print** or **Page Setup**.

2 Make sure your printer is selected, and click **Printer**, **Setup**, **Options**, **Properties**, or **Preferences**.
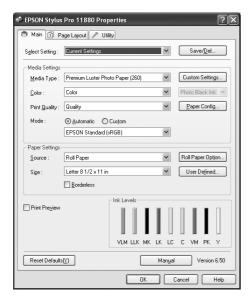
Example:

Example:

The printer driver window appears.

Make the settings as necessary, and then start printing.

From the Printer icon

When you make common settings or perform printer maintenance, such as Nozzle Check, Head Cleaning, access the printer driver from the Printer icon.

1 Open the **Printers and Faxes** or **Printers** folder.

For Windows XP:
Click **Start**, click **Control Panel**, click **Printers and Other Hardware**, and then click **Printers and Faxes**.

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

For Windows Vista:
Click , click **Control Panel**, click **Hardware and Sound**, and then click **Printers**.

For Windows 2000:
Click **Start**, point to **Settings**, and then select **Printers**.
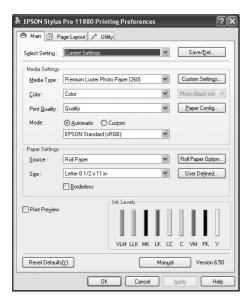
2 Right-click your printer icon, and click **Printing Preferences**.

The printer driver window appears.
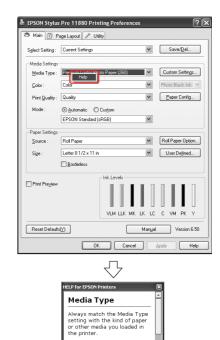
The settings you make here become the default settings of the printer driver.

Getting Information Through Online Help
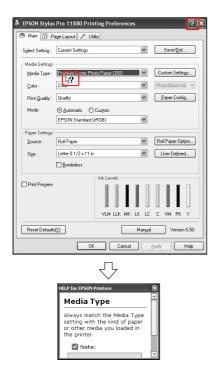
You can view a detailed explanation using the following ways.

❏ Right-click the item, and then click **Help**.

❏ For Windows XP/2000, click the ![?] button on the top right of the printer driver window, and then click the item.
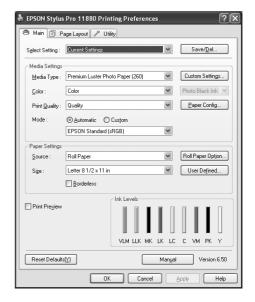
Basic Settings

This section describes how to print your data from an application using the Epson printer driver.

Setting the printer driver

First, make the print data using the application software.
Before printing, open the printer driver window, and confirm the print settings such as the media type, paper size.
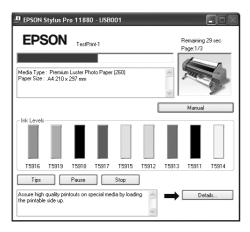
Checking the printer status

When you send a print job to the printer, you can monitor the printer status in the following windows.

Progress Meter

The Progress Meter appears on your display when you start printing. It indicates the progress of the current print job and provides printer status information such as ink remaining and product number of the ink cartridges. Also, you can cancel a print job using Progress Meter.

Print queue window

You can check a list of all jobs waiting and its information, and also you can cancel print jobs. The print queue window appears when you double-click the printer icon on the task bar. This is a function of the Windows operating system.

Canceling printing

You can cancel a print job waiting from the computer. If the printing is already started, you need to cancel printing by the printer.

Canceling printing by the printer

Press and hold the ▌▌ button for 3 seconds to reset the printer.

Even when it is printing a job, the printer is reset. After resetting, it takes a while before the printer is in the ready state.
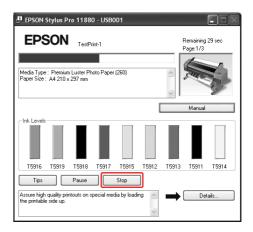
Note:
You cannot cancel a job waiting in the computer. To cancel a job waiting in the computer, see the next section "Canceling printing by the computer" on page 54.

Canceling printing by the computer

Canceling printing

Click **Stop** on the EPSON Progress Meter dialog box.

Note:
❏ *The Progress Meter shows the progress of the current print job. It disappears when the job has been sent to the printer.*

❏ *You cannot cancel a print job that has been sent to the printer. In this case, cancel the print job by the printer.*

Deleting a print job waiting

You can delete the jobs waiting stored in the computer.

1 Double-click the printer icon on the task bar.

2 From the Printer menu, select **Cancel all documents**.

If you want to delete a specific job, select the job and select **Cancel** from the Document menu.

Note:
❏ *The print queue windows shows the progress of each print job. It disappears when the job has been sent to the printer.*

❏ *You cannot cancel a print job that has been sent to the printer. In this case, cancel the print job by the printer.*

When problem occurs during printing
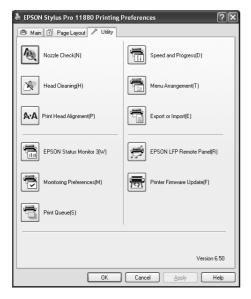
If a problem occurs during printing, an error message appears in the EPSON Status Monitor 3 window.
Click **How to**, and EPSON Status Monitor 3 will lead you step by step through a procedure to solve a problem.

Using the Printer Utilities

The Epson printer utilities let you check the current printer status and perform printer maintenance from your screen.

Nozzle Check

This utility checks the print head nozzles to see if they are clogged and need to be cleaned. Check the nozzles when you notice the print quality has declined and after cleaning to confirm that the print head nozzles have been cleaned. If the print head nozzles are clogged, perform head cleaning.
➔ See "Nozzle check" on page 132.

Head Cleaning

This utility cleans the color and black print heads. You may need to clean the print head if you notice the print quality has declined.
➔ See "Head cleaning" on page 134.

Print Head Alignment

This utility can be used to improve the print quality of your printed data. The alignment of the print head may need to be adjusted if vertical lines appear out of alignment or if white or black banding noise appear in your printed data. Use this utility to realign the print head.
➔ See "Print head alignment" on page 138.

EPSON Status Monitor 3

This utility provides you with printer status information, such as the ink cartridge status, the free space of the maintenance tank, and it also checks for printer error.
➔ See "Using EPSON Status Monitor 3" on page 57.

Monitoring Preferences

This function lets you specify the monitoring feature of EPSON Status Monitor 3.
➔ See "Using Monitoring Preferences" on page 58.

Print Queue

This function displays the job waiting list. You can check the list of all jobs waiting and their information, and also cancel or restart print jobs.

Speed & Progress

You can make settings related to print speed and progress.

Menu Arrangement

You can arrange the Select Setting, Media Type, and Paper Size list items. Arrange the items as you prefer, or classify the items into groups. You can also hide the items you are not using.

Export or Import

You can export or import the printer driver settings. It is convenient to use this function when you want to make the same printer driver settings to multiple computers.

EPSON LFP Remote Panel

This utility lets you optimize your printer. You can start this utility only if it is installed. See the EPSON LFP Remote Panel online help for detailed information.

Printer Firmware Update

EPSON LFP Remote Panel is started and updates the printer firmware.
To use this function, you need to download the latest firmware from the Epson Web site beforehand.
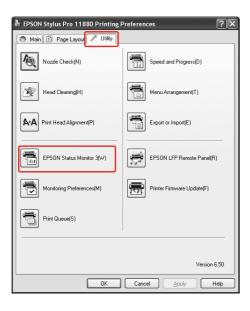
Using EPSON Status Monitor 3

EPSON Status Monitor 3 provides you with detailed printer status information, a graphic display of the ink cartridge status and the free space of the maintenance tank, and status messages. To know the detailed status of the printer, open the printer detailed window. EPSON Status Monitor 3 starts to monitor the printer status when the printing begins, and if there are any problems, it shows an error message and its solutions. You can also access EPSON Status Monitor 3 from the printer driver or the shortcut icon by double-clicking the printer-shaped icon on the Windows taskbar to check the status of the printer.

Accessing EPSON Status Monitor 3

Open the printer driver window, and click the **Utility** tab, and then click **EPSON Status Monitor 3**.
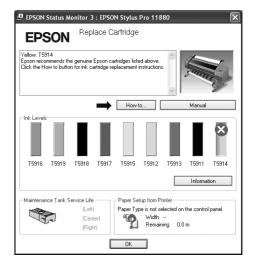
Note:
In the Monitoring Preferences dialog box, select the **Shortcut Icon** *check box to display a shortcut icon on your Windows taskbar. Right-click the shortcut icon, and select the printer name to display the EPSON Status Monitor 3 dialog box.*
→ *See "Viewing information in Monitoring Preferences" on page 58.*

Viewing information in EPSON Status Monitor 3

EPSON Status Monitor 3 provides you with detailed printer status information, a graphic display of the ink cartridge status and the free space of the maintenance tank, and status messages. If a problem occurs during printing, an error message appears. Check the message and solve the problem accordingly.

Using Monitoring Preferences
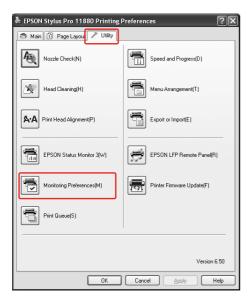
This function lets you specify the monitoring feature of EPSON Status Monitor 3.

Accessing Monitoring Preferences

Open the printer driver window, click the **Utility** tab, and then click **Monitoring Preferences.**
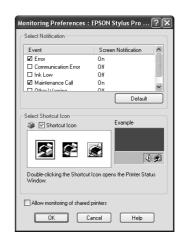
Note:
In the Monitoring Preferences dialog box, select the ***Shortcut Icon*** *check box to display a shortcut icon on your Windows taskbar. Right-click the shortcut icon, and select* ***Monitoring Preferences*** *to open the Monitoring Preferences dialog box.*

Viewing information in Monitoring Preferences

In the Monitoring Preferences dialog box, you can select error types for which you wish to receive notification, and you can make the shortcut icon setting and monitoring of shared printers setting.

Uninstalling the Printer Software

This section describes how to uninstall the printer software from your computer.

Note:
❑ *For Windows XP/Vista, you must log in as a user with an Administrator account. When you uninstall the printer software from Windows Vista, the password may be required. If you are asked for the password, enter it and continue the operation.*

❑ *For Windows 2000, you must log in as a user with administrator rights (a user belonging to the Administrators group).*

Uninstalling the printer driver
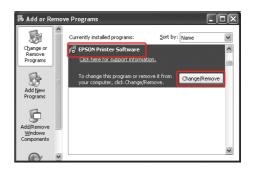
To uninstall the printer driver, follow the steps below.

1 Turn off the printer, and unplug the interface cable connected with the computer and printer.

2 Click **Add or Remove Programs** (or **Add/Remove Programs**) in the Control Panel.
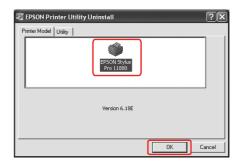
For Windows Vista, click **Programs**, and then **Programs and Features** in the Control Panel.

3 Select **EPSON Printer Software**, and then click **Change/Remove** (or **Uninstall/Change**).

4 Select the target printer icon, and then click **OK**.

5 Follow the on-screen instructions to complete uninstallation.

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

Note:
When you delete the printer driver, the following message appears.
*In the personal settings information file, the settings you have made are saved. If you do not delete this file, you can use the settings you have registered when you reinstall the printer driver. Click **No** if you plan to reinstall the printer driver later, or click **Yes** to delete the file completely.*

Restart the computer when you reinstall the printer driver.

Uninstalling EPSON LFP Remote Panel

EPSON LFP Remote Panel can be uninstalled from **Add or Remove Programs** (or **Add/Remove Programs**) in the Control Panel. For detailed information, see the EPSON LFP Remote Panel online help.

Using the Printer Software (Mac OS X)

Printer Software Introduction

The printer software CD-ROM includes the following software. See the *Unpacking and Setup Guide* for installing the software and its online help for detailed information for each software.
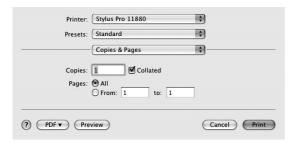
❏ Printer driver

❏ EPSON Printer Utility2

❏ EPSON StatusMonitor

❏ EPSON LFP Remote Panel

Printer driver
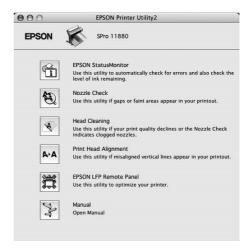
The printer driver lets you print documents from applications to the printer.
The following are main functions of the printer driver:

❏ Sends the print data to the printer.

❏ Makes the printer settings, such as the media type, paper size. You can register these settings, and you can also easily import or export these registered settings.
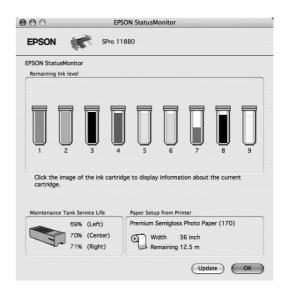
EPSON Printer Utility2

You can execute the printer maintenance functions, such as Nozzle Check, Head Cleaning. EPSON Printer Utility2 is installed with the printer driver automatically.
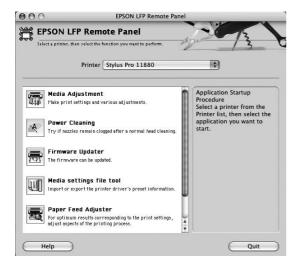
EPSON StatusMonitor

This utility provides you with printer status information, such as the ink cartridge status, the free space of the maintenance tank, and a printer error.

EPSON LFP Remote Panel

EPSON LFP Remote Panel gives the user a broad range of control over the printer, to obtain better print quality in printing on various media.

Accessing the Printer Driver

To access the printer driver, follow the steps below. The following procedures may differ depending on the application you use.

❏ Page Setup dialog

You can make the paper settings, such as media type, paper size.

❏ Print dialog
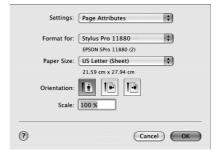
You can make the settings related to print quality.

Accessing the Page Setup dialog

To access the Page Setup dialog, click **Page Setup** on the File menu of your application.

The Page Setup dialog is displayed.
You can select a paper size, borderless printing, a paper source, and a print area in the Paper Size setting.

Accessing the Print dialog

To access the Print dialog, click **Print** on the File menu of your application.
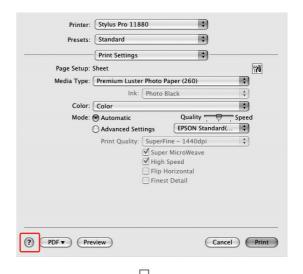
The Print dialog is displayed.

Make the settings as necessary, and then start printing.

Getting Information Through Online Help

To access the online help, click the ⟨?⟩ button in the dialog of the printer driver.
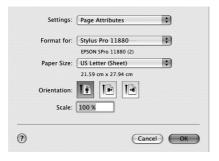
Basic Settings

This section describes how to print your data from an application using the Epson printer driver.

Setting the printer driver

First, make the print data using the application software.
Before printing, open the printer driver window, and confirm the print settings such as the media type, paper size.

Checking the printer status

| 1 | Click the Printer icon in the Dock. |

| 2 | You can check the jobs waiting and their information, and also cancel the printing. |

Canceling printing

You can cancel a print job waiting from the computer. If the printing is already started, you can cancel printing by the printer.

Canceling printing by the printer

Press and hold the ⏸ button for 3 seconds to reset the printer.
Even when it is printing a job, the printer is reset. After resetting, it takes a while before the printer is in the ready state.

> *Note:*
> *You cannot cancel a job waiting in the computer. To cancel a job waiting in the computer, see the next section "Canceling printing by the computer" on page 65.*
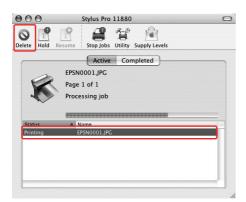
Canceling printing by the computer

1 Click the Printer icon in the Dock.

2 Click the job you want to delete, and then click **Delete**.

> *Note:*
> ❏ *You can delete a job waiting with the same procedures above.*
>
> ❏ *You cannot cancel a print job that has been sent to the printer. In this case, cancel the print job by the printer.*

When problem occurs during printing

If a problem occurs during printing, an error message appears. If you are not sure how to solve the problem, cancel printing, and then start EPSON StatusMonitor that leads you step by step through a procedure to solve a problem.

Using Printer Utilities

The Epson printer utilities let you check the current printer status and perform printer maintenance from your screen.

EPSON StatusMonitor

This utility provides you with printer status information, such as the ink cartridge status, the free space of the maintenance tank, and a printer error.

Nozzle Check

This utility checks the print head nozzles to see if they are clogged and need to be cleaned. Check the nozzles when you notice the print quality has declined and after cleaning to confirm that the print head nozzles have been cleaned. If the print head nozzles are clogged, perform head cleaning.
→ See "Nozzle check" on page 132.

Head Cleaning

This utility cleans the color and black print heads. You may need to clean the print head if you notice the print quality has declined.
→ See "Head cleaning" on page 134.

Print Head Alignment

This utility can be used to improve the print quality of your printed data. The alignment of the print head may need to be adjusted if vertical lines appear out of alignment or if white or black banding noise appear in your printed data. Use this utility to realign the print head.
→ See "Print head alignment" on page 138.

EPSON LFP Remote Panel

This utility lets you optimize your printer. You can start this utility only if it is installed. See the EPSON LFP Remote Panel online help for detailed information.

Manual

You can access the *User's Guide*. If the *User's Guide* is not installed, it will access a technical support Web site.

Accessing EPSON Printer Utility2

You can access the EPSON Printer Utility2 using the following ways.

❏ In the Print dialog, select **Print Settings**, and then click the ⚙ icon.

❏ Double-click the **Applications** folder, and then double-click the **EPSON Printer Utility2** icon.

Using EPSON StatusMonitor

EPSON StatusMonitor provides you with detailed printer status information, a graphic display of the ink cartridge status and the free space of the maintenance tank, and status messages.

> *Note:*
> *The printer error message appears automatically on your screen even if EPSON StatusMonitor is not opened.*
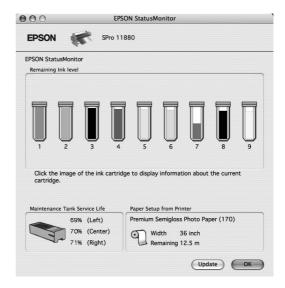
Accessing EPSON StatusMonitor

Open the EPSON Printer Utility2 window, and then click **EPSON StatusMonitor**.

Viewing information in EPSON StatusMonitor

EPSON StatusMonitor provides you with detailed printer status information, a graphic display of the ink cartridge status and the free space of the maintenance tank, and status messages. If a problem occurs during printing, an error message appears. Check the message and solve the problem accordingly.

Uninstalling the Printer Software

To uninstall the printer software, follow the steps below.

## Uninstalling the printer driver

To uninstall the printer driver and EPSON Printer Utility2, follow the steps below.

1 Turn off the printer, and unplug the interface cable connected with the computer and printer.

2 Close the all application software.

3 Double-click the hard disk icon.

4 Double-click the **Applications** folder, and then double-click the **Utilities** folder.
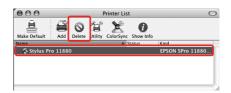
5 Double-click the **Print Center** icon (for Mac OS X 10.2.x) or **Printer Setup Utility** icon (for Mac OS X 10.3 or later).
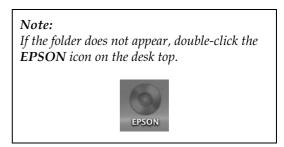
6 Select the printer, and then click **Delete**.

After clicking **Delete**, close the dialog.

7 Insert the printer software CD-ROM into the CD-ROM drive.

8 Double-click the **Printer Driver** folder.

Note:
If the folder does not appear, double-click the EPSON icon on the desk top.

9   Double-click the **EPSON_IJ_Printer** icon.
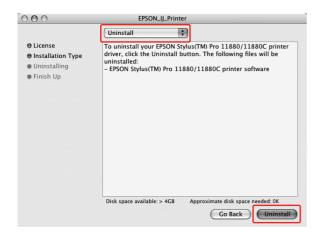
10   If the Authenticate dialog appears, enter the password or phrase and then click **OK**.

To uninstall the printer driver, you must log in as a user with administrator rights.

11   Click **Continue**, and then click **Accept**.

12   Select **Uninstall** from the pull-down menu, and then click the **Uninstall** button.

13   Follow the on-screen instructions to uninstall the printer driver.

Uninstalling EPSON LFP Remote Panel

Drag the **EPSON LFP Remote Panel** folder to the Trash. See the EPSON LFP Remote Panel online help for more information.

Variety of Printings

Using Color Management

The printer driver provides a setting for performing color management to printing data and a color adjustment that produces better looking prints by using only the printer driver. Color adjustment is performed without adjusting the color of the original data.

➔ See "Methods for color management" on page 71.

Color management
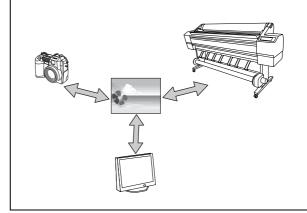
About color management system (CMS)

Since devices such as a digital camera, scanner, monitor, or printer produce color differently, the printing result looks different from the image you see on the display. To adjust the color between devices, use the color management system. Both Windows and Mac OS X have a color management system as their standard feature. Also, some image editing software support the color management system.
Each operating system supports the color management system, such as ICM for Windows and ColorSync for Mac OS. When performing color management using the printer driver, the color management system of the operating system is also used. In this color management system, a color definition file called the ICC profile is used for performing color matching between devices. The ICC profile is prepared for each printer model and each media type. For a digital camera, the color domain of sRGB, AdobeRGB, etc., may be specified as the profile. In color management, the profile of an input device is called an input profile (or source profile), and an output device, such as a printer, is called a printer profile (or output profile).

Note:
When you print an image taken by a digital camera or scanner, usually the printing result looks different from what you see on the display. This variance occurs because each device such as a digital camera, scanner, monitor, or printer, produces colors differently. In order to reduce the differences in color between each device, please perform color management between each device.
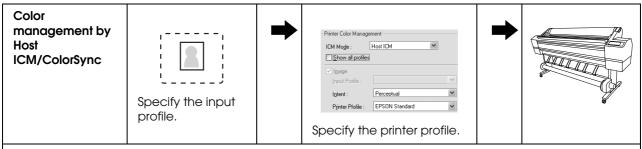
Methods for color management

Color management by printer driver

	Application		Printer driver		Printer
Color management by Driver ICM (Windows only)		➡	 Specify the Input profile. Specify the printer profile.	➡	
Color management is performed by specifying the input profile and the printer profile by the printer driver. Color management can be performed even if you print data from an application that does not support ICM color management. If an application supports a color management function, turn it off for printing. ➜ See "Color management by Driver ICM (Windows only)" on page 72.					
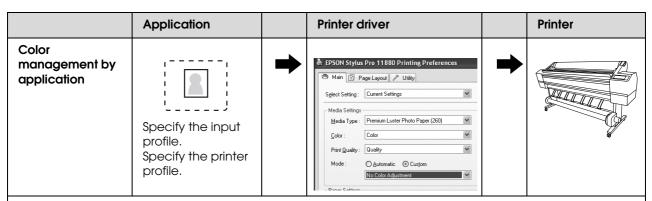
	Application		Printer driver		Printer
Color management by Host ICM/ColorSync	 Specify the input profile.	➡	 Specify the printer profile.	➡	
You need to perform color matching with the printer driver before printing. An application needs to support ICM or ColorSync color management. Since it prints using the color management function of operating systems, a difference may appear in a printing color between Windows and Mac OS X. ➜ See "Color management by Host ICM or ColorSync" on page 73.					

Color management by application

	Application		Printer driver		Printer
Color management by application	 Specify the input profile. Specify the printer profile.	➡		➡	
The color management is performed by specifying the input profile and the printer profile by the application. You can select this method when an application supports its own color management function. Color compensation should be turned off (no color adjustment) in the printer driver. Since neither ColorSync of Mac OS nor ICM of Windows is used as a color management system, a difference may not appear in a printing result between operating systems. ➜ See "Color management by application" on page 74.					
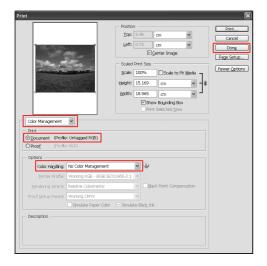
Color management by Driver ICM (Windows only)

The following procedures are for Adobe Photoshop CS2 running on Windows XP. When using this function with an application which does not support a color management function, you need to perform the color matching process from step 4.
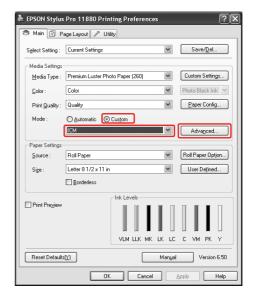
1 From the File menu, select **Print with Preview**.

2 Select **Color Management**, and select **Document** for the Print. Select **No Color Management** for the Color Handling. Then click **Done**.
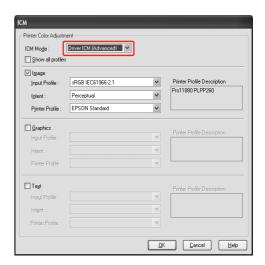
3 Open the printer driver window.

→ See "From Windows applications" on page 50.

4 Select **Custom** for the Mode in the Main menu, and select **ICM**, and then click **Advanced**.

5 In the ICM dialog box, select **Driver ICM (Basic)** or **Driver ICM (Advanced)** for the ICM Mode.

If you select **Driver ICM (Advanced)**, you can specify the profiles and intent for image, graphics, and text data individually.

Intent	Explanation
Saturation	Performs conversion, keeping the current saturation unchanged.
Perceptual	Performs conversion so that a more visually natural image is produced. This feature is used when a wider gamut of color is used for image data.
Relative Colorimetric	Performs conversion so that a set of color gamut coordinates and white point (or color temperature) coordinates in original data match their corresponding print coordinates. This feature is used for many types of color matching.
Absolute Colorimetric	Assigns absolute color gamut coordinates to both of original and print data and performs conversion. Therefore, color tone adjustment is not performed on any white point (or color temperature) for the original or print data. This feature is used for special purposes such as logo color printing.

6 Check other settings, and then start printing.

Color management by Host ICM or ColorSync
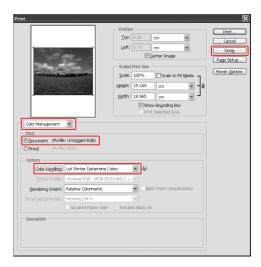
The following procedures are for Adobe Photoshop CS2 running on Windows XP.

Note:
❏ *Use image data in which an input profile has been embedded.*

❏ *The application needs to support ICM or ColorSync.*

1 From the File menu, select **Print with Preview**.

2 Select **Color Management**, and then select **Document** for the Print. Select **Let Printer Determine Colors** for the Color Handling. Then click **Done**.
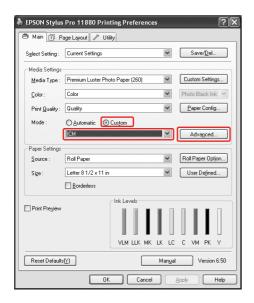
3 Open the printer driver window (Windows) or the Print dialog (Mac OS X).

Windows
→ See "From Windows applications" on page 50.

Mac OS X
→ See "Accessing the Printer Driver" on page 62.

4 For Windows, select **Custom** for the Mode in the Main menu, and select **ICM**, and then click **Advanced**.
For Mac OS X, select **Printer Color Management**.
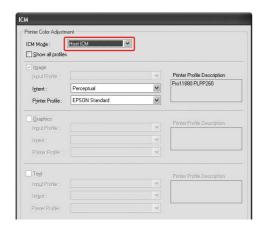
5 Select **Host ICM** (Windows) or **ColorSync** (Mac OS X) in the Printer Color Management dialog.

6 Check other settings, and then start printing.
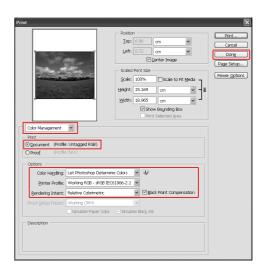
Color management by application

The following procedures are for Adobe Photoshop CS2 running on Windows XP. Refer to the application's user manual for details of the settings.

1 From the File menu, select **Print with Preview**.

2 Select **Color Management**, and select **Document** for the Print. Select **Let Photoshop Determine Colors** for the Color Handling. Select the Printer Profile and the Rendering Intent. Then click **Done**.
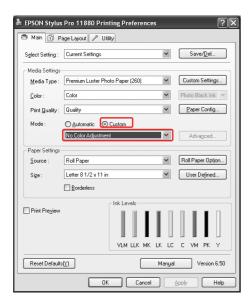
3   Open the printer driver window (Windows) or the Print dialog (Mac OS X).

Windows
➡ See "From Windows applications" on page 50.

Mac OS X
➡ See "Accessing the Printer Driver" on page 62.

4   For Windows, select **Custom** for the Mode in the Main menu, and then select **No Color Adjustment**.
For Mac OS X, select **Off (No Color Adjustment)** in the Printer Color Management dialog.

5   Check other settings, and then start printing.

Color adjustment by the printer driver
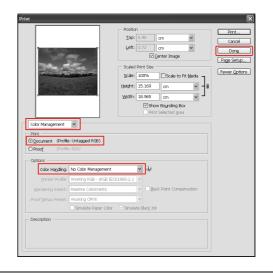
You can perform color management by the printer driver only. Also, you can use the Photo Enhance function to adjust the color of the image data automatically.

Color adjustment by the Color Controls

You can perform color management by the printer driver. Use this function if the application does not support color management or if you want to manually perform color management.

Note:
If you use the color management of the printer driver from an application such as Adobe Photoshop CS2, turn off the color management function of the application.

1   Open the printer driver window (Windows) or the Print dialog (Mac OS X).

Windows
➡ See "Accessing the Printer Driver" on page 50.

Mac OS X
➡ See "Accessing the Printer Driver" on page 62.
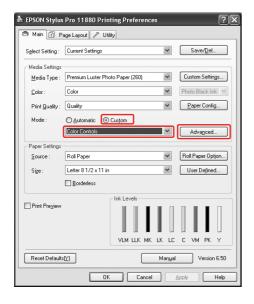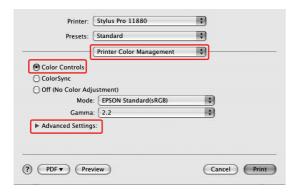
2 For Windows, select **Custom** for the Mode in the Main menu, and select **Color Controls**, and then click **Advanced**. For Mac OS X, select **Printer Color Management**, and click **Color Controls**, and then click **Advanced Settings**.

Windows
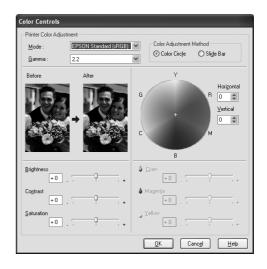
Mac OS X
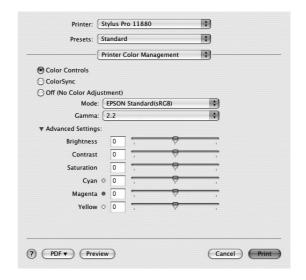
3 Make the necessary settings.

See the online help of the printer driver for detailed information.

Windows

Mac OS X

Note:
For Windows users, you can perform the color adjustment by checking the sample image on the left side of the window. You can also use the color circle for the fine color adjustment.
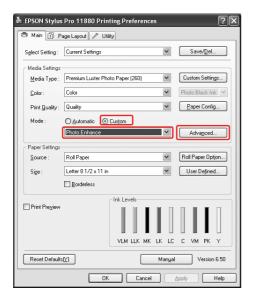
4 Check other settings, and then start printing.

Auto color adjustment by Photo Enhance (Windows only)

This setting provides a variety of image-correction settings that you can apply to your photo images before printing. Photo Enhance does not affect your original data.

1 Open the printer driver window.

➔ See "Accessing the Printer Driver" on page 50.

2 Click **Custom** for the Mode in the Main menu, and select **Photo Enhance**, and then click **Advanced**.

3 In the Photo Enhance dialog box, select the effect settings.

See the online help of the printer driver for detailed information.

4 Check other settings, and then start printing.

Black-and-White Photo Printing

Advanced black-and-white photo printing is available by making the settings in the Color Controls dialog box, without using the application software. The print image is adjusted without affecting the original data.
You need to use the media that is suitable for black-and-white photo printing. See the following for detailed information.
➔ "Paper Information" on page 110

1 Open the printer driver window (Windows) or the Print dialog (Mac OS X).

Windows
➔ See "Accessing the Printer Driver" on page 50.
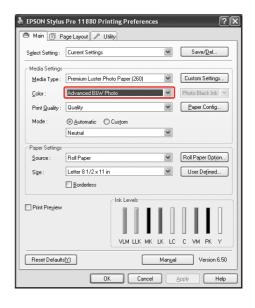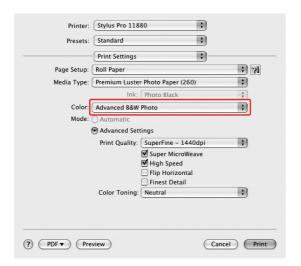
Mac OS X
➔ See "Accessing the Printer Driver" on page 62.

2 Select **Advanced B&W Photo** for the Color.

Windows

Mac OS X
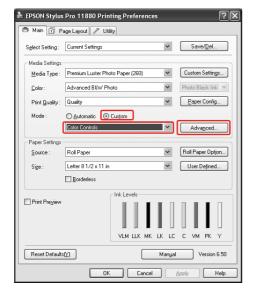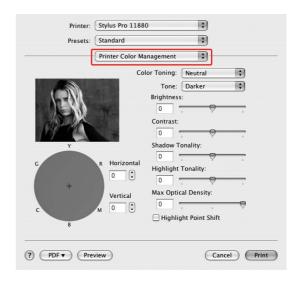
3 For Windows, click **Custom** for the Mode in the Main menu, and select **Color Controls**, and then click **Advanced**.
For Mac OS X, select **Printer Color Management**.

Windows

Mac OS X
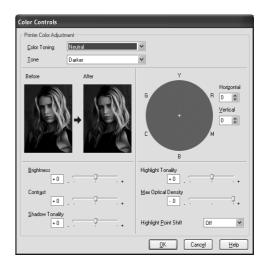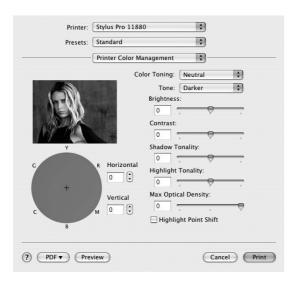
4 Make the necessary settings, and then start printing.

For more detailed information, see the online help of the printer driver.

Windows

Mac OS X

Borderless Printing
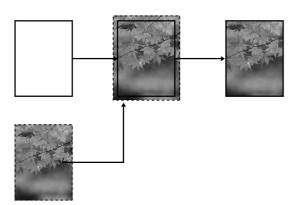
You can print your data without margins on paper. There are two types of borderless printing.

> *Note:*
> *If you are using roll paper, all four sides can be borderless, and if you are using a sheet of paper, only left and right sides can be borderless.*
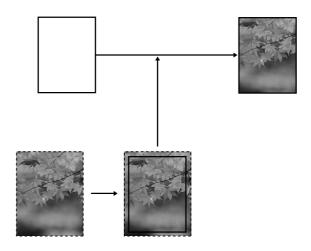
❏ Auto Expand

Enlarge the size of print data automatically and print without margins. Enlarged areas that exceed the paper size will not be printed on the paper.

❏ Retain Size

Using an application, enlarge your image data to exceed the paper width and height, to avoid unprinted areas appearing along the left and right edges. The printer driver does not enlarge the image data. Enlarging 3 mm in both the left and right directions (total of 6 mm) is recommended by using the application that created the data.
Select this setting if you do not want to change the ratio of your print data by the printer driver.

Supported media type

The following media sizes are supported for borderless printing.

Paper width
254 mm/10 inch
300 mm
329 mm/13 inch/Super A3
406 mm/16 inch
432 mm/17 inch
B2
A1
610 mm/24 inch/Super A1
B1
914 mm/36 inch/Super A0
1118 mm/44 inch/Super B0
1200 mm
1270 mm/50 inch
1372 mm/54 inch

Depending on the media type, the print quality may decline or the borderless printing is not supported. See the following section for detailed information.
→ "Paper Information" on page 110

Application settings

Set the size of the image data using the Page Setting dialog box of the application software.

For Auto Expand

❏ Set the same paper size as used for printing.

❏ If your application has margin settings, set the margin to 0 mm.

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

For Retain Size
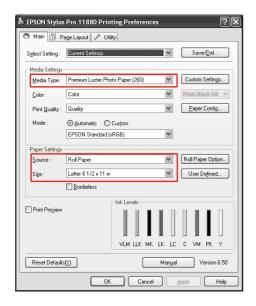
❏ Enlarge 3 mm in both the left and right directions (total of 6 mm), using the application that created the data.

❏ If your application has margin settings, set the margin to 0 mm.

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

Printer driver settings

To print your data with this feature, follow the steps below.
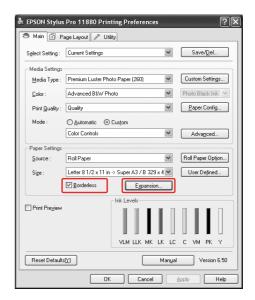
For Windows

1 Open the printer driver window.

→ See "Accessing the Printer Driver" on page 50.

2 In the Main menu, select the media type, paper source, page size, or paper size.

3 When you print on roll paper, click **Roll Paper Option**, and select the Auto Cut setting.

→ See "Roll paper cut for borderless printing" on page 83.

4 Select **Borderless**, and then click **Expansion**.

5 Select **Auto Expand** or **Retain Size**. If you select **Auto Expand**, set the amount of enlargement.

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

Note:
Moving the slider towards Min decreases the amount of the image enlargement; however, as this amount decreases, margins may appear on one or more sides of the paper.

6 Check the other settings, and then start printing.

For Mac OS X

1 Open the Page Setup dialog.

➔ See "Accessing the Printer Driver" on page 62.
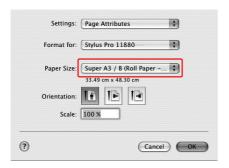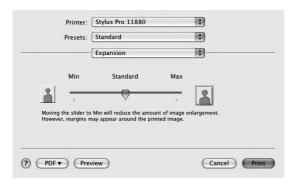
2 Select the paper size and borderless printing such as **Auto Expand** or **Retain Size**, and then click **OK**.

3 Open the Print dialog.

➔ See "Accessing the Printer Driver" on page 62.

4 If **Auto Expand** is selected, set the amount of the enlargement.
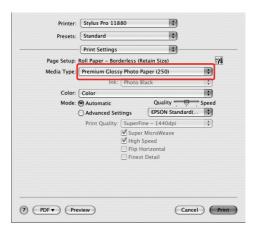
Max	3 mm for left and 5 mm for right (the image shifts 1 mm to the right)
Standard	3 mm for left and right
Min	1.5 mm for left and right

Note:
Moving the slider towards Min decreases the amount of the image enlargement; however, as this amount decreases, margins may appear on one or more sides of the paper.

5 In the Print Settings dialog, select the media type.

6 If you print on roll paper, select the Auto Cut setting in the Roll Paper Option dialog.

➔ See "Roll paper cut for borderless printing" on page 83.

7 Check the other settings, and then start printing.

Roll paper cut for borderless printing

When you use roll paper for borderless printing, the paper cut operation is different according to the Borderless and Auto Cut settings of the printer driver.

	No margins for left and right	No margins for all directions (single cut)	No margins for all directions (double cut)
Printer driver setting	Borderless: Enable	Borderless: Enable	Borderless: Enable
	Auto Cut: Normal Cut	Auto Cut: Single Cut	Auto Cut: Double Cut
Printer operations			
Explanation	Normal Cut is default setting.	❏ The top area may smear because the top area of the roll paper is cut while the print operation is stopped. ❏ If the cut position is slightly shifted, the image on the continuous page remains on the top or bottom area; however, the printing time gets shorter. ❏ If you select Single Cut and print only a piece of paper, the operation will be the same as Double Cut. If you print more than one paper continuously, cut 1 mm along the inside of each picture to avoid creating a margin between pictures.	❏ The top area may smear because the top area of the roll paper is cut while the print operation is stopped. ❏ Because the inside of each picture is cut in order to not leave a white area in the top and bottom areas, the length of the paper becomes 2 mm shorter. ❏ After cutting the bottom area of the previous page, the printer feeds the paper and then cuts the top area of the next page. Because of that, 80 to 130 mm of scrap of paper is produced. Take care to cut the paper precisely.

Note:
*When you want to cut prints manually, select **Off**.*
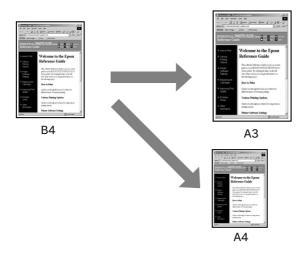
Enlarge or Reduce Size Printing

You can fit the size of your data to the size of paper you print on. There are three ways to enlarge or reduce the size of your data.
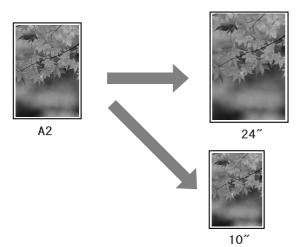
❏ Fit to Page (Windows only)

Proportionally enlarges or reduces the size of your data to make it fit the paper size you have selected in the Output Paper list.

B4

A3

A4
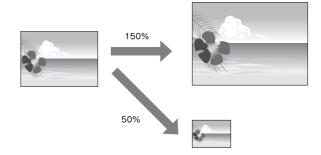
❏ Fit to Roll Paper Width (Windows only)

Proportionally enlarges or reduces the size of your data to make it fit the width of the roll paper you have selected in Output Paper list.

A2

24″

10″

❏ Custom
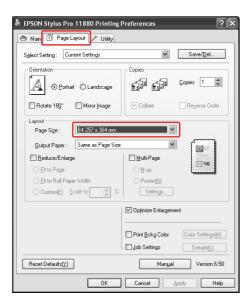
Lets you define the percentage you want to enlarge or reduce a data.

150%

50%

Fit to Page (Windows only)
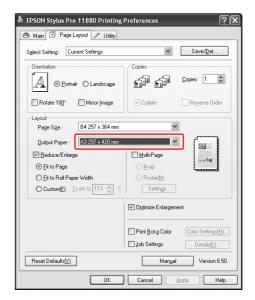
You can fit the size of your data to the size of paper you to print on.

1 Open the printer driver window.

→ See "Accessing the Printer Driver" on page 50.

2 Click the **Page Layout** tab, and then select the same paper size as the paper size of the data.

3 Select the paper size that is loaded in the printer from the Output Paper list.
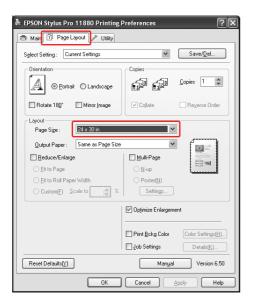
Proportionally enlarges or reduces the size of your data to make it fit the paper size you have selected for the Output Paper.
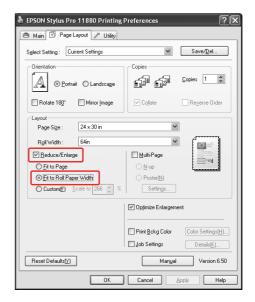
4 Check the other settings, and then start printing.

Fit to Roll Paper Width (Windows only)

1 Open the printer driver window.

→ See "Accessing the Printer Driver" on page 50.

2 Click the **Page Layout** tab, and then select the same paper size as the paper size of the data.

3 Select **Reduce/Enlarge**, and then click **Fit to Roll Paper Width**.

Proportionally enlarges or reduces the size of your data to make it fit the paper size you have selected for the Roll Width.

4 Select the roll paper width that is loaded in the printer from the Roll Width list.

5 Check the other settings, and then start printing.

Custom
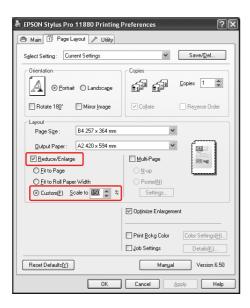
Lets you define the percentage you want to reduce or enlarge.

For Windows

| 1 | Open the printer driver window.

→ See "Accessing the Printer Driver" on page 50.

| 2 | Click the **Page Layout** tab, and then select the same paper size as the paper size of the data.

| 3 | Select the paper size that is loaded in the printer from Output Paper or Roll Width.

| 4 | Select **Reduce/Enlarge**, and then click **Custom**.

Click the arrows next to the Scale box to select a proportion from 10 to 650%.
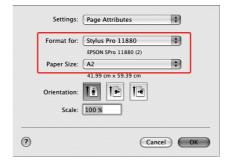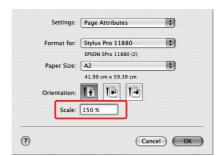
| 5 | Check the other settings, and then start printing.

For Mac OS X

| 1 | Open the Page Setup dialog.

→ See "Accessing the Printer Driver" on page 62.

| 2 | Select the printer and paper size.

Select the paper size that is loaded in the printer.
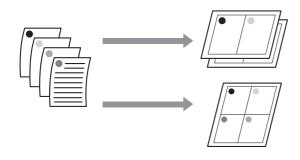
| 3 | Set the value for Scale between 1 to 100000%.

| 4 | Check the other settings, and then start printing.

Pages Per Sheet Printing

You can print two or four pages of your document on one sheet of paper.
If you print continuous layout data prepared at A4 size, it will be printed as shown below.
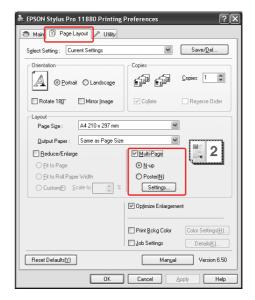
Note:
- ❏ *For Windows users, use the printer driver's function for layout printing. For Mac OS X, use the standard feature of the operating system for layout printing.*

- ❏ *You cannot use the Multi-Page function of Windows printer driver if you are using borderless printing.*

- ❏ *For Windows users, using the Fit to Page function, you can print the data on different sizes of paper.*

  → *See "Enlarge or Reduce Size Printing" on page 84.*

A4   A2

For Windows

1   Open the printer driver window.

    → See "Accessing the Printer Driver" on page 50.

2   Click the **Page Layout** tab, select the **Multi-Page** check box, select **N-up**, and then click **Settings**.

3   In the Print Layout dialog box, specify the order in which the pages will be printed.

    To print frames around the pages printed on each sheet, check the **Print page frames** check box.

4   Check the other settings, and then start printing.
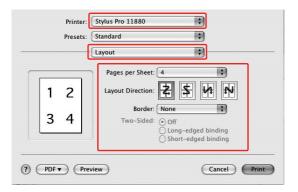
For Mac OS X

1 Open the Print dialog.

→ See "Accessing the Printer Driver" on page 62.

2 Select a target printer, and then select **Layout** from the list to specify the order in which the pages will be printed.

Note:
*If you select other than **None** for Border, the frames around the pages are printed on each sheet.*

3 Check the other settings, and then start printing.
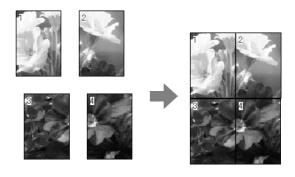
Poster Printing

The poster printing function allows you to print poster-size images by enlarging one page to cover several sheets of paper. This function is supported by Windows only. You can make a poster or a calendar by joining the several printed sheets of paper together. The poster printing supports following two types.

❏ Borderless poster printing
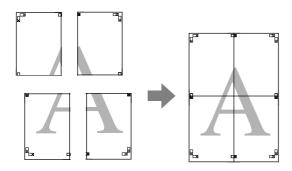
You can print a borderless poster-size image by automatically enlarging one page to cover several sheets of paper. You can make a poster just by joining the several printed sheets of paper together. Because the image data is enlarged beyond the paper size, the area that exceeds the sheets cannot be printed. This function is available for roll paper only.

Borderless poster printing may not produce a seamless poster image which consists of multiple printed sheets of paper. If you want a seamless image, try the Poster printing with margins feature.
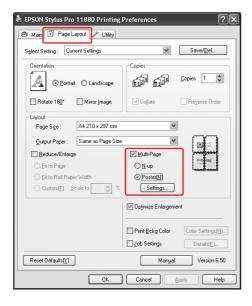
❏ Poster printing with margins
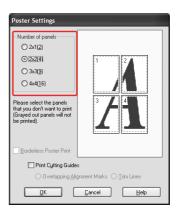
You can print a poster-size image by automatically enlarging one page to cover several sheets of paper. You need to cut the margins and then join the several sheets of

paper together to make a poster.

1   Open the printer driver window.

    → See "Accessing the Printer Driver" on page 50.

2   Click the **Page Layout** tab, select the **Multi-Page** check box, select **Poster**, and then click **Settings**.
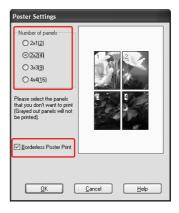
3   In the Poster Settings dialog box, select the number of printed pages you want the poster to cover.

Note:
You can make a larger poster if you select a greater number for division.

4   When you want to print a borderless poster, select the **Borderless Poster Print** check box, and select the panels that you do not want to print, and then click **OK**. Then go to step 6.
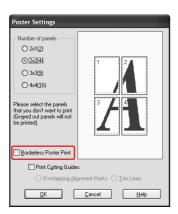
Note:
Because the inside of each picture is cut in order to not leave a white area in the top and bottom areas, the length of the paper becomes 1 or 2 mm shorter.

5 If you want margins around the poster, make sure the **Borderless Poster Print** check box is cleared, and make the other settings as necessary.

Note:
Regarding the size when the parts are joined together:
*The finished size whether **Trim Lines** is selected or not is the same. However, if **Print Cutting Guides** is selected, the finished size is smaller by the amount of the overlap.*

6 Check the other settings, and then start printing.
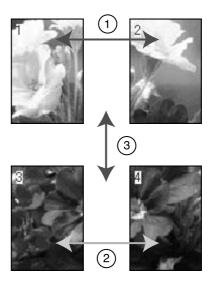
Joining the sheets together along the guide

The steps to join the sheets together are different whether the printed sheets are borderless or not.

For borderless poster printing
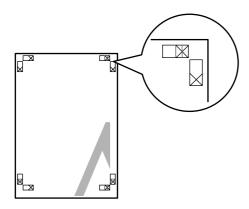
This section explains how to join the four printed pages together. Join the printed pages together appropriately, and stick them on the back of sheets using the cellophane tape.
Join them by the following order indicated in the illustration below.

Poster printing may not produce a seamless poster image which consists of multiple printed sheets of paper. If you want a seamless image, try the Poster printing with margins feature.
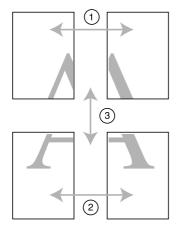
For poster printing with margins

When you select **Overlapping Alignment Marks**, the following marks are printed on the paper. See the procedures below to join the four printed pages together using the alignment marks.
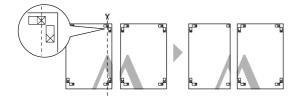
The four sheets are joined together by the following order.
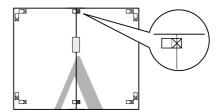
1 Cut the upper left sheet along the alignment mark (vertical blue line).

The guide is black for the black-and-white printing.
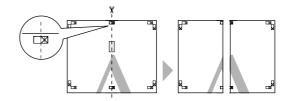
2 Lay the upper left sheet on top of the upper right sheet. The X marks should be matched as in the illustration below, and join the upper left sheet to the upper right sheet with cellophane tape temporarily.
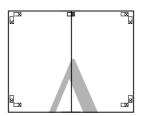
3 Cut the upper sheets along the alignment mark (vertical red line).

The guide is black for the black-and-white printing.
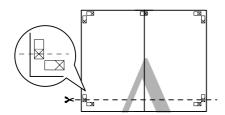
4 Join the upper left and right sheets together with cellophane tape on the back of the sheets.
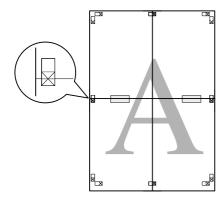
5 Try step 1 to 4 for the lower sheets.

F Cut the bottom of upper sheets along the alignment mark (horizontal blue line).

The guide is black for the black-and-white printing.
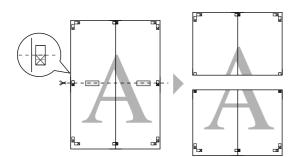
G Lay the upper sheets on top of the lower sheets. The X marks should be matched as in the illustration below, and join the upper sheets and lower sheets together with cellophane tape temporarily.

H Cut the sheets along the alignment mark (horizontal red line).
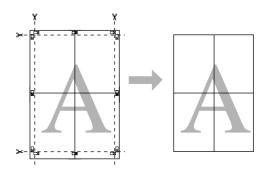
The guide is black for black-and-white printing.

I Join the upper sheets and lower sheets together with cellophane tape on the back of the sheets.

J After joining all the sheets together, cut the margins along the outer guide.

Printing on Custom Paper

You can also print on a custom paper, using the steps below.

The size you can register is as follow.

Paper width	89 to 1626 mm
Paper height	Windows: 127 to 15000 mm Mac OS X: 127 to 15240 mm
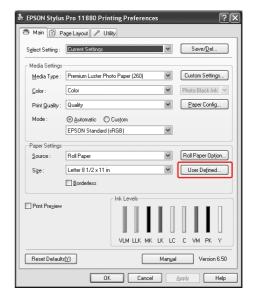
✽ The maximum length of the paper roll can be longer than the paper height if using application software that supports banner printing. However, the actual print size is dependent on the application, the paper size set in the printer, or the computer environment.

Note:
❏ *For Mac OS X, you can set a larger size in the Custom Paper Size than the size that you can set in the printer; however, it does not print correctly.*

❏ *The available output size may be limited depending on the application software.*

For Windows

1 Open the printer driver window.

➡ See "Accessing the Printer Driver" on page 50.

2 Click **User Defined** in the Main menu.
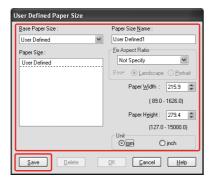
Note:
*You cannot select **User Defined** if **Borderless** is selected for Paper Settings.*

3 Set the custom paper size you want to use, and then click **Save**.

❏ You can enter up to 24 characters for the Paper Size Name.

❏ You can easily change the size by selecting the paper size close to the size you want to set in the Base Paper Size.

❏ If the ratio is same as the defined paper size, select the ratio from the Fix Aspect Ratio and select either **Landscape** or **Portrait** for the Base. In this case, you can only adjust either the Paper Width or Paper Height.

Note:
❏ *To change the paper size you have registered, select the paper size name in the list, and then change the size.*
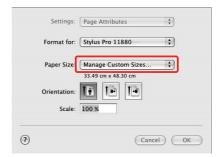
❏ *To delete the user-defined size you have registered, select the paper size name in the list, and then click **Delete**.*

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

| 4 | Click **OK** to save the custom paper size. |

The custom paper size is registered in the Paper Size.
Now, you can print by taking the same steps as usual.
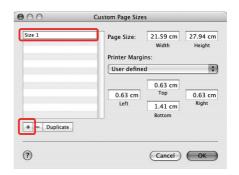
For Mac OS X

| 1 | Open the Page Setup dialog. |

➔ See "Accessing the Printer Driver" on page 62.

| 2 | Select **Manage Custom Sizes** in Paper Size. |

| 3 | Click **+**, and enter the paper size name. |
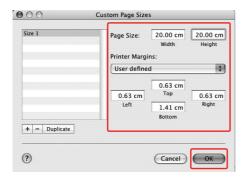
4 Enter the paper width, paper height, and margins, and then click **OK**.

The paper size and printer margin you can set is as follow.

Page setup	Paper size	Margins
Sheet	Supported paper size	Top, Left, Right: 3 mm Bottom: 14.2 mm
Roll Paper	Supported paper size	Top, Bottom, Left, Right: 3 mm
Roll Paper (Banner)	Supported paper size	Top, Bottom: 0 mm Left, Right: 3 mm
Roll Paper (Borderless, Auto Expand)	The paper width that supports borderless printing.	Top, Bottom, Left, Right: 0 mm
Roll Paper (Borderless, Retain Size) Roll Paper (Borderless, Banner)	The paper width that supports borderless printing and plus 6 mm.	Top, Bottom, Left, Right: 0 mm

Note:
❏ *To change the setting you have registered, click the paper size name from the list.*

❏ *To duplicate the paper size you have registered, click the paper size name from the list, and then click **Duplicate**.*

❏ *To delete the paper size you have registered, click the paper size name from the list, and then click -.*

❏ *The custom paper size setting is different depending on the version of the operating system. See your operating system's documentation for details.*
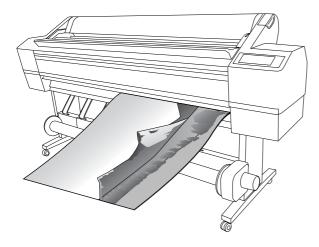
5 Click **OK**.

The custom paper size is registered in the Paper Size pop-up menu. Now, you can print by taking the same steps as usual.

Banner Printing on Roll Paper

This section explains how to print a banner and panorama pictures.

There are two ways to print a banner.

Paper source	Application
Roll Paper	Document preparation tool, image and editing software
Roll Paper (Banner)	Software that supports banner printing

The following are the available printing sizes.

Paper width	89 to 1626 mm
Paper height	Windows: Max. 15000 mm Mac OS X: Max. 15240 mm

✽ The maximum length of the paper roll can be longer than the paper height if using the software that supports banner printing; however, the actual printable height may be different depending on the application and the computer used for printing.

Application settings
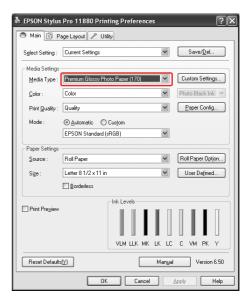
You need to make the data for printing a banner using an application.
If the paper size you want to print is equal to or smaller than the maximum setting size the application can set, select the paper size you prefer.
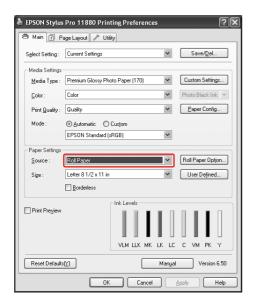
Printer driver settings

For Windows

1. Open the printer driver window.

   → See "Accessing the Printer Driver" on page 50.

2. In the Main menu, select media type.

3 Select **Roll Paper** or **Roll paper (Banner)** from the Source list.
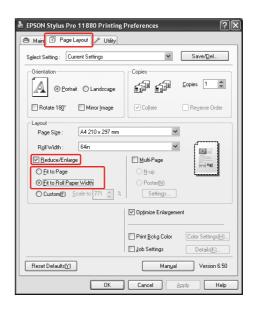
Note:
Roll Paper (Banner) can be used for an application that supports banner printing.

4 Click **Roll Paper Option,** and then select **Normal Cut** or **Off** from the Auto Cut list.
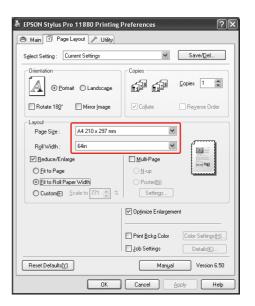
5 Click the **Page Layout** tab, and select **Reduce/Enlarge**, and then select **Fit to Page** or **Fit to Roll Paper Width**.

Note:
*If you are using an application that supports banner printing, you do not need to make Enlarge/Reduce setting if **Roll Paper (Banner)** is selected for the Source.*

6 Select the document size created using the application from the Page Size list and select the roll paper width set in the printer for the Roll Width.
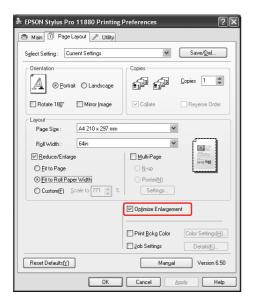
You can customize the paper size by selecting **User Defined**.

Paper width	89 to 1626 mm
Paper height	127 to 15000 mm

> *Note:*
> *If you are using an application that supports banner printing, you do not need to set the user-defined size if you select **Roll Paper (Banner)** for the Source.*
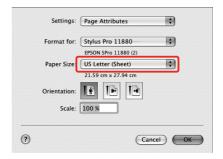
7 Select the paper size from the Output Paper list, and make sure the **Optimize Enlargement** check box is selected.


8 Check the other settings, and then start printing.

For Mac OS X

1 Open the Page Setup dialog.
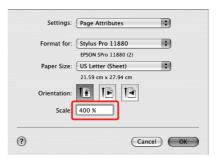
➡ See "Accessing the Printer Driver" on page 62.

2 Make sure your printer is selected, and select the document size created using the application.

You can also customize the paper size by selecting **Manage Custom Sizes**.

Paper width	89 to 1626 mm
Paper height	127 to 15240 mm

3 Input a scale to reduce or enlarge the size of your data.

4 Check the other settings, and then start printing.

Printing with Non-Epson Media

When using the non-Epson media, make the paper settings according to the paper characteristics before printing. There are two ways to make settings and to print.

❏ Register the custom paper in the Menu mode using the printer's control panel, and print using the registered setting.

❏ Make setting using the Paper Configuration dialog box in the printer driver.

Note:
❏ *Make sure to check the paper characteristics such as paper tension, ink fixing, or paper thickness before setting the custom paper. See the description that comes with the paper for information on the paper characteristics.*

❏ *The settings you make on the Paper Configuration dialog box have priority over the settings you make on the printer's control panel.*

❏ *You can register the custom paper or printer settings on your computer by using EPSON LFP Remote Panel. See the EPSON LFP Remote Panel online help for detailed information.*

If it does not print evenly on the custom paper you have registered, use unidirectional printing. Clear the **High Speed** check box in the printer driver.

Setting the custom paper in the printer

You can register up to 10 custom papers. Follow the steps below.
The registered number is displayed on the control panel when using the printer.

Note:
The printer becomes in the Ready state when you press the ❚❚ *button at any point of making the following settings. The settings you have made so far are registered as the custom settings (including unchanged settings).*

1 Load the paper that you want to use.

Make sure to set the paper that is actually used.

2 Enter the Custom Paper menu.

1. Press the ▷ button to enter the Menu mode.
2. Press the △ / ▽ button to display PAPER SETUP, and then press the ▷ button.
3. Press the △ / ▽ button to display CUSTOM PAPER.

3 Select the registered number for the user setting.

You can select the number from 1 to 10.

1. Press the △ / ▽ button to select the number you want to register.
2. Press the ▷ button.

The settings you make from step 4 are registered in the number you have selected here.

Note:
❏ *We recommend you write down the registered number and the settings you make from step 4.*

❏ *You can change the registered number on your computer by using EPSON LFP Remote Panel.*

4 Select paper type, if necessary.

1. Press the △ / ▽ button to select PAPER TYPE, and then press the ▷ button.
2. Press the △ / ▽ button to select media type.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

5 Set the distance between the print head and the paper (Platen Gap), if necessary.

1. Press the △ / ▽ button to select PLATEN GAP, and then press the ▷ button.
2. Press the △ / ▽ button to select a suitable setting for the paper.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

Note:
You can adjust the distance between the print head and paper. The print quality improves when you adjust the Platen Gap properly. If the Platen Gap is too narrow when you print on the thick paper, the print head touches the paper so that the print head and the paper may be damaged.

Paper thickness	Platen Gap
Thick paper	Widest
	Wider
	Wide
Normal paper	Standard
Thin paper	Narrow

6 Print a paper thickness test pattern.

1. Press the △ / ▽ button to select THICKNESS PATTERN, and then press the ▷ button.
2. Press the ⏎ button to print the paper thickness test printing pattern.

Example of pattern:

| | | | | | | | | | | | | | | |
1   2   3   4   5   6   7   8   9   10   11   12   13   14   15

7 Examine the printed pattern to determine which set of lines are aligned (showing the smallest gap), and select the Thickness Number (from 1 to 15).

1. Press the △ / ▽ button to select the number. In the case of the illustration above, select 4.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

8 Set the cut method, if necessary.

1. Press the △ / ▽ button to select CUT METHOD, and then press the ▷ button.
2. Press the △ / ▽ button to select a suitable setting for the paper.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

9 Set Paper Feed Adjustment, if necessary.

Set the paper feed amount (- 0.7 to 0.7%).

1. Press the △ / ▽ button to select PAPER FEED ADJUST, and then press the ▷ button.
2. Press the △ / ▽ button to set the paper feed amount.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

Note:
You can get a high-quality result if you print a sample image using EPSON LFP Remote Panel to set the value for Paper Feed Adjustment.

10 Set drying time, if necessary.

You can set the ink drying time for each print head pass. The range is 0.0 to 10.0 seconds.

1. Press the △ / ▽ button to select DRYING TIME, and then press the ▷ button.
2. Press the △ / ▽ button to select the time in seconds.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

> *Note:*
> *If the ink blurs on the paper, set a longer time for ink drying.*

11 Select the paper suction, if necessary.

1. Press the △ / ▽ button to select PAPER SUCTION, and then press the ▷ button.
2. Press the △ / ▽ button to select a suitable setting for the paper.
3. Press the ⏎ button.
4. Press the ◁ button to go back to the previous menu.

12 After registering the paper settings, press the ❚❚ button to exit the Menu mode.

The custom paper setting is now completed. Start printing to print on the custom paper you just set.

To use the registered custom settings, follow the steps below.

1. Press the ▷ button to enter the Menu mode.
2. Press the △ / ▽ button to display PAPER SETUP, and then press the ▷ button.
3. Press the △ / ▽ button to select PAPER TYPE, and then press the ▷ button.
4. Press the △ / ▽ button to display CUSTOM PAPER.
5. Press the △ / ▽ button to select media type, and then press the ⏎ button.
Press the ❚❚ button to exit the Menu mode and then print the data.

Customize the Items of the Printer Driver

You can save the settings or change the display items as you prefer. You can also export the settings as a file and make the same printer driver settings to multiple computers.
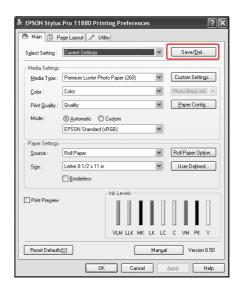
Saving the printer driver settings

You can save up to 100 settings.
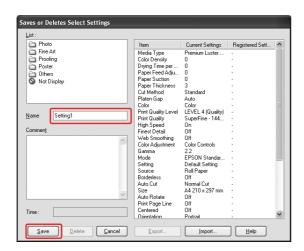
Saving as a favorite

You can save all the setting items of the printer driver.

1 Change the settings in the Main and Page Layout menu.

2 Click **Save/Del...** in the Main or Page Layout menu.

3 Enter the name in the Name box, and then click **Save**.
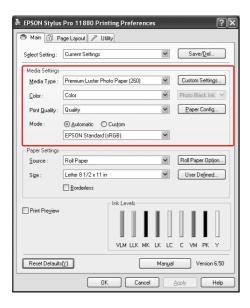
You can choose a setting you have registered from the Select Setting list box.
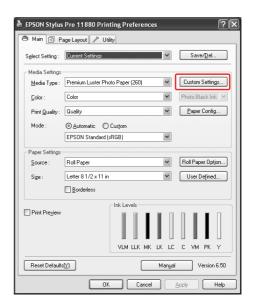
Saving as a custom media

You can save the items of the Media Settings in the Main menu.
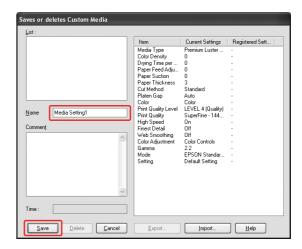
1 Change the Media Settings items in the Main menu.

2 Click **Custom Settings**.

3 Enter the name in the Name box, and then click **Save**.
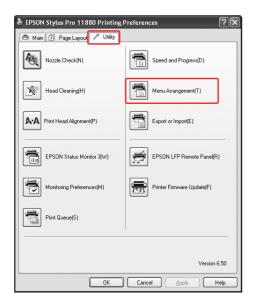
You can choose a setting you have registered from the Media Type list box.

Menu arrangement

You can arrange the Select Settings, Media Type, and Paper Size items.

1 Click the **Utility** tab, and then click **Menu Arrangement**.
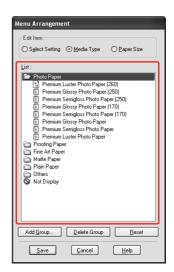
2 Select the edit item.

3 In the List box, arrange the items as you prefer, or classify the items into groups.

❏ You can arrange the list items by drag-and-drop operation.

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

❏ To delete the group, click **Delete Group**.

❏ Move the unused items into the **Not Display** group.

Note:
You cannot delete the default items.
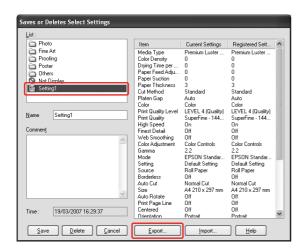
4 Click **Save**.

Exporting or Importing

You can export or import the settings you have registered as a file.

Exporting the settings
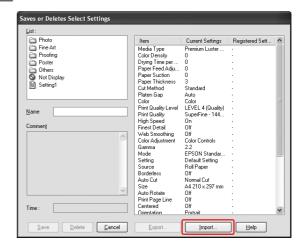
1. Open the Save or Deletes Select Settings dialog box or the Saves or deletes Custom Media dialog box.

2. Select the setting in the List box, and click **Export**.

3. Select the location, and enter the file name, and then click **Save**.

Importing the settings

1. Open the Save or Deletes Select Settings dialog box or the Saves or deletes Custom Media dialog box.

2. Click **Import**.
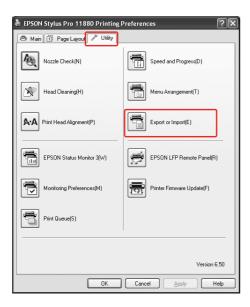
3. Select the file you want to import, and then click **Open**.

Exporting or importing all settings
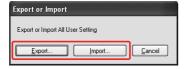
You can export or import the all of the printer driver settings as a file.

1 Click the **Utility** tab, and then click **Export** or **Import**.

2 Click **Export** or **Import**.

3 To export the setting, enter the file name and then click **Save**. To import the setting, select the file you want to import and then click **Open**.

Changing the Black Ink

Both Photo and Matte Black ink are installed in this printer.
Photo Black ink can be used for most media types with professional quality results. Matte Black ink significantly increases black optical density when printing on matte and fine art type papers.
These black inks are switched automatically according to the media type.
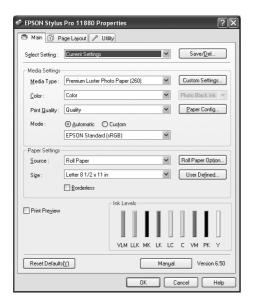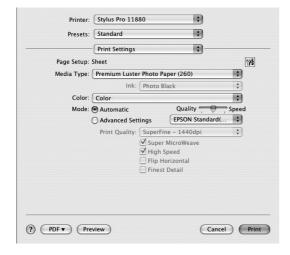
See the following section for the suitable black ink for the media type.
➡ "Paper Information" on page 110

Follow the steps below to select the black ink when the media type supports both Photo and Matte Black ink.
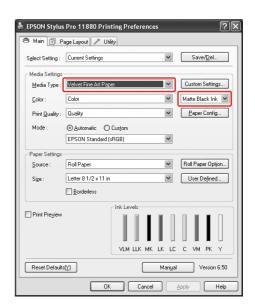
1 Open the **Main** menu (Windows) or the Print Settings dialog (Mac OS X).

2 Select the paper from the Media Type, and then select the black ink.

The black ink is displayed according to the media type.

3 Check the other settings, and then start printing.

Options and Consumable Products

Consumable Products

The following consumable products are available for use with your printer (as of May, 2007).

Epson special media

See the following section for more detailed information on Epson special media.
➔ "Paper Information" on page 110

For the latest information on the media, see the Epson Web site.

Ink cartridges

> *Note:*
> *The product number varies by country.*

Ink color	Product code	
	Stylus Pro 11880	**Stylus Pro 11880C**
Photo Black	T591100	T592180
Cyan	T591200	T592280
Vivid Magenta	T591300	T592380
Yellow	T591400	T592480
Light Cyan	T591500	T592580
Vivid Light Magenta	T591600	T592680
Light Black	T591700	T592780
Matte Black	T591800	T592880
Light Light Black	T591900	T592980

The printer driver provided with this printer is color adjusted for genuine ink cartridges. If you use non-genuine cartridges, the print may be faint, or the end of the ink may not be detected normally.

See the following section to replace the ink cartridge.
➔ "Replacing ink cartridges" on page 125

Options

Maintenance tank

Name	Product code
Maintenance Tank	C12C890191

See the following section to replace the maintenance tank.
→ "Replacing the Maintenance Tank" on page 127

Paper cutter

Name	Product code
Auto Cutter Spare Blade	C12C815291

See the following section to replace the paper cutter.
→ "Replacing the Cutter" on page 128

Roll paper belt

Name	Product code
Roll Paper Belt	C12C890121

Paper basket

Name	Product code
Paper Basket	C12C890401

See the following section to use the paper basket.
→ "Using the paper basket" on page 46

Roll paper spindle

Name	Product code
2/3 Inch Dual Tension Roll Feed Spindle	C12C811231

Paper Information

Paper Information

Epson offers specially designed media for ink jet printers to meet most high-quality printing needs.

Item	Explanation
Media name	Describes the media name.
Recommended application	Describes the recommended application for the media.
Size	Describes the paper size for cut sheet media and the width for roll paper.
Thickness	Describes the thickness of each media.
Core diameter	Describes the core diameter of the roll paper.
Spindle tension	Describes the spindle tension. Normal: Normal tension mode High: High tension mode
Borderless	Describes whether borderless printing is available. Recommended: The recommended paper for borderless printing. Possible: Borderless printing is possible.* Impossible: Borderless printing is not supported. * You can print without margins on paper; however, it may deteriorate print quality, or may produce unwanted margins due to paper expansion or shrinkage. Also, some ordinary paper products cannot be used for borderless printing.
ICC profile	Describes the ICC profile of the media type. It is shown as the profile name in the printer driver or the application. The file name of the profile is used as the profile name in the printer driver or the application. Each profile is provided for the paper products for which both Photo Black ink and Matte Black ink can be used.
Media type of the printer driver	Describes the Media Type of the printer driver. Be sure to match the media type you set in the printer driver and the paper loaded in the printer; otherwise, the print quality may decline.
Auto Cut	Describes whether Auto Cut is supported. Y: Auto Cut is supported. N: Auto Cut is not supported. Use a cutter sold at a store to cut the paper.

Roll paper

Premium Glossy Photo Paper (250)					
Recommended application		Photograph / Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
406 mm	16"	Recommended	0.27 mm	3"	Normal
610 mm	24"				
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Photo Paper	Premium Glossy Photo Paper (250)	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 PGPP250 Bi-D.icc	Pro11880 PGPP250 Uni-D.icc				

Premium Semigloss Photo Paper (250)					
Recommended application		Photograph / Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
406 mm	16"	Recommended	0.27 mm	3"	Normal
610 mm	24"				
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Photo Paper	Premium Semigloss Photo Paper (250)	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 PSPP250 Bi-D.icc	Pro11880 PSPP250 Uni-D.icc				

Premium Luster Photo Paper (260)					
Recommended application		Photograph			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
406 mm	16"	Recommended	0.27 mm	3"	Normal
508 mm	20"	Impossible			
610 mm	24"	Recommended			
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Photo Paper	Premium Luster Photo Paper (260)	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 PLPP260 Bi-D.icc	Pro11880 PLPP260 Uni-D.icc				

Premium Glossy Photo Paper (170)					
Recommended application		Photograph / Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
420 mm (A2)		Impossible	0.18 mm	2"	Normal
610 mm	24"	Recommended			
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Photo Paper	Premium Glossy Photo Paper (170)	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 PGPP170 Bi-D.icc	Pro11880 PGPP170 Uni-D.icc				

Premium Semigloss Photo Paper (170)					
Recommended application		Photograph / Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
420 mm (A2)		Impossible	0.18 mm	2"	Normal
610 mm	24"	Recommended			
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Photo Paper	Premium Semigloss Photo Paper (170)	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 PSPP170 Bi-D.icc	Pro11880 PSPP170 Uni-D.icc				

Epson Proofing Paper White Semimatte					
Recommended application		Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
432 mm	17"	Possible	0.25 mm	3"	Normal
610 mm	24"				
914 mm	36"				
1118 mm	44"				
1524 mm	60"	Recommended			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Proofing Paper	Epson Proofing Paper White Semimatte	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 Proof_WS_Bi-D.icc	Pro11880 Proof_WS_Uni-D.icc				

Epson Proofing Paper Publication					
Recommended application		Contact Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
432 mm	17"	Possible	0.2 mm	3"	Normal
610 mm	24"				
914 mm	36"				
1118 mm	44"				
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Proofing Paper	Epson Proofing Paper Publication	Y
High Speed Enabled	High Speed Disabled	—			
Pro11880 Proof_Pub_Bi-D.icc	Pro11880 Proof_Pub_Uni-D.icc				

Doubleweight Matte Paper					
Recommended application		Indoor Signage / Photograph / Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
610 mm	24"	Recommended	0.21 mm	2"	Normal
914 mm	36"				
1118 mm	44"				
1626 mm	64"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Matte Paper	Doubleweight Matte Paper	Y
—		Pro118800 DWMP.icc			

Enhanced Matte Paper					
Recommended application		Indoor Signage / Photograph / Fine Art Reproduction / Proof			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
432 mm	17"	Possible	0.25 mm	3"	Normal
610 mm	24"				
914 mm	36"				
1118 mm	44"				
1626 mm	64"	Impossible			
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Matte Paper	Enhanced Matte Paper	Y
Pro11880 EMP_PK.icc		Pro118800 EMP_MK.icc			

Watercolor Paper - Radiant White					
Recommended application		Photograph / Fine Art Reproduction			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
610 mm	24"	Possible	0.29 mm	3"	High
914 mm	36"				
1118 mm	44"				
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Fine Art Paper	Watercolor Paper - Radiant White	Y
Pro11880 WCRW_PK.icc		Pro118800 WCRW_MK.icc			

UltraSmooth Fine Art Paper					
Recommended application		Photograph / Fine Art Reproduction			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
432 mm	17"	Possible	0.32 mm	3"	High
610 mm	24"				
1118 mm	44"				
1524 mm	60"				
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Fine Art Paper	UltraSmooth Fine Art Paper	Y
Pro11880 USFAP_PK.icc		Pro118800 USFAP_MK.icc			

Textured Fine Art Paper					
Recommended application		Photograph / Fine Art Reproduction			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
432 mm	17"	Possible	0.37 mm	3"	High
610 mm	24"				
914 mm	36"				
1118 mm	44"				
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Fine Art Paper	Textured Fine Art Paper	Y
Pro11880 TFAP_PK.icc		Pro118800 TFAP_MK.icc			

Canvas					
Recommended application		Photograph / Fine Art Reproduction			
Size		**Borderless**	**Thickness**	**Core diameter**	**Spindle tension**
610 mm	24"	Possible	0.46 mm	2"	Normal
914 mm	36"				
1118 mm	44"				
ICC profile			**Media type of the printer driver**		**Auto Cut**
Photo Black		Matte Black	Fine Art Paper	Canvas	N
Pro11880 Canvas_PK.icc		Pro118800 Canvas_MK.icc			

Cut sheet

Premium Glossy Photo Paper				
Recommended application	Photograph / Contact Proof			
Size	**Borderless**	**Thickness**		
Super A3/B	Recommended	0.27 mm		
A2	Impossible			
ICC profile			**Media type of the printer driver**	
Photo Black		Matte Black	Photo Paper	Premium Glossy Photo Paper
High Speed Enabled	High Speed Disabled	—		
Pro11880 PGPP_Bi-D.icc	Pro11880 PGPP_Uni-D.icc			

Premium Semigloss Photo Paper				
Recommended application	Photograph / Contact Proof			
Size	**Borderless**	**Thickness**		
Super A3/B	Recommended	0.27 mm		
A2	Impossible			
ICC profile			**Media type of the printer driver**	
Photo Black		Matte Black	Photo Paper	Premium Semigloss Photo Paper
High Speed Enabled	High Speed Disabled	—		
Pro11880 PSPP_Bi-D.icc	Pro11880 PSPP_Uni-D.icc			

Premium Luster Photo Paper				
Recommended application	Photograph			
Size	**Borderless**	**Thickness**		
Super A3/B	Recommended	0.27 mm		
A2				
ICC profile			**Media type of the printer driver**	
Photo Black		Matte Black	Photo Paper	Premium Luster Photo Paper
High Speed Enabled	High Speed Disabled	—		
Pro11880 PLPP_Bi-D.icc	Pro11880 PLPP_Uni-D.icc			

Archival Matte Paper				
Recommended application	Indoor Signage / Photograph / Fine Art Reproduction / Proof			
Size	**Borderless**	**Thickness**		
Super A3/B	Possible	0.26 mm		
A2	Impossible			
ICC profile		**Media type of the printer driver**		
Photo Black	Matte Black	Matte Paper	Archival Matte Paper	
Pro11880 ARMP_PK.icc	Pro118800 ARMP_MK.icc			

Watercolor Paper - Radiant White			
Recommended application	Photograph / Fine Art Reproduction		
Size	**Borderless**	**Thickness**	
Super A3/B	Possible	0.29 mm	
ICC profile		**Media type of the printer driver**	
Photo Black	Matte Black	Fine Art Paper	Watercolor Paper - Radiant White
Pro11880 WCRW_PK.icc	Pro118800 WCRW_MK.icc		

UltraSmooth Fine Art Paper			
Recommended application	Photograph / Fine Art Reproduction		
Size	**Borderless**	**Thickness**	
Super A3	Possible	0.46 mm	
A2	Impossible		
ICC profile		**Media type of the printer driver**	
Photo Black	Matte Black	Fine Art Paper	UltraSmooth Fine Art Paper
Pro11880 USFAP_PK.icc	Pro118800 USFAP_MK.icc		

Velvet Fine Art Paper			
Recommended application	Photograph / Fine Art Reproduction		
Size	**Borderless**	**Thickness**	
Super A3/B	Possible	0.48 mm	
A2	Impossible		
ICC profile		**Media type of the printer driver**	
Photo Black	Matte Black	Fine Art Paper	Velvet Fine Art Paper
Pro11880 VFAP_PK.icc	Pro118800 VFAP_MK.icc		

Textured Fine Art Paper		
Recommended application	Photograph / Fine Art Reproduction	
Size	**Borderless**	**Thickness**
24" × 30"	Possible	0.69 mm
36" × 44"		
ICC profile		**Media type of the printer driver**
Photo Black	Matte Black	Fine Art Paper	Textured Fine Art Paper
Pro11880 TFAP_PK.icc	Pro118800 TFAP_MK.icc		

Enhanced Matte Posterboard		
Recommended application	Indoor Signage / Fine Art Reproduction / Proof	
Size	**Borderless**	**Thickness**
24" × 30"	Possible	1.3 mm
30" × 40"	Impossible	
ICC profile		**Media type of the printer driver**
Photo Black	Matte Black	Others	Enhanced Matte Poster Board
Pro11880 EMPB_PK.icc	Pro118800 EMPB_MK.icc		

Maintenance

Daily Maintenance

Instructions for placing the printer

Observe the following when setting up the printer:

❏ Choose a flat and stable location that can support the printer weight (about 150.5 kg).

❏ Use only an outlet that meets the power requirements of this printer.

❏ Leave enough room for easy operation, maintenance, and ventilation.
➔ See "Choosing a Place for a Printer" in the *Unpacking and Setup Guide*.

❏ Operate the printer under the following conditions (temperature is 10 to 35°C and humidity is 20 to 80%).

Even when the conditions above are met, you may not print properly if the environmental conditions are not proper for the paper. Be sure to use the printer where the paper conditions are met. See the handling instructions of the paper for more detailed information. Keep the printer away from drying, direct sunlight, or heat sources to maintain the appropriate humidity.

Notes for when you are not using the printer

The print head nozzles are very small, thus, they can become clogged easily if dust gets on the print head. To avoid this, close the roll paper cover or the front cover when you are not using the printer. If you are not using the printer for a long time, put a non-static cloth on the printer to avoid getting dust on the printer.

Instructions for using paper

Notes for handling paper

See the instructions below and the handling instructions of the paper for more details.

❏ Use Epson special media under the following conditions (temperature is 15 to 25°C and humidity is 40 to 60%).

❏ Do not bend the paper or scratch on the surface of the paper.

❏ Keep fingers off the printable surface of the media, as fingerprints may reduce the print quality.

❏ Set the roll paper by handling the edges of the roll paper. Whenever possible, use gloves to handle media.

❏ The paper may bend if the temperature and humidity will change rapidly. Be careful not to bend or soil the paper, and flatten it before setting it in the printer.

❏ Do not lose the paper package so you can use it for storing the paper.

Notes for after printing

See the instructions below for after printing.

❏ Do not touch the surface of the print; otherwise, the ink may smudge.

❏ Do not rub or scratch the print; otherwise, the ink may come off.

❏ Be careful not to bend or pile paper on top of another, and dry it completely. The color may be changed where the paper is piled. If you leave paper lying on top of another, the scratches may stay on the paper even after the paper dries.

❏ If you put the prints on the album before they dry, they may be blurred. After you print, be sure to dry the paper completely.

❏ Do not use a dryer for drying the print.

❏ Avoid direct sunlight.

❏ See the instructions of the paper for keeping the color from fading. The print can keep the color for a long time if you store it properly.

> *Note:*
> *Typically, prints and photos fade over time (change color) due to the effects of light and various constituents in the air. This also applies to Epson special media. However, with the correct storage method, the degree of color change can be kept to the minimum.*
>
> ❏ *See the instructions of the Epson special media for detailed information on handling the paper after printing.*
>
> ❏ *The colors of photos, posters, and other prints appear differently under different lighting conditions (light sources*). The colors of prints from this printer may also appear differently under different light sources.*
> ** Light sources include sunlight, fluorescent light, incandescent light and other types.*

Notes for storing the paper

See the instructions below and the handling instructions of the paper for more details.

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

❏ Keep the paper in the package, and keep it on a flat place.

❏ Remove the roll paper that is not in use from the spindle. Roll it properly and then store it in the original package of the roll paper. If you leave the roll paper in the printer, its quality will deteriorate.

❏ Do not wet the paper.

❏ Store prints in a dark place to avoid direct sunlight, excessive heat, and moisture to keep the printed color.

Replacing Ink Cartridges
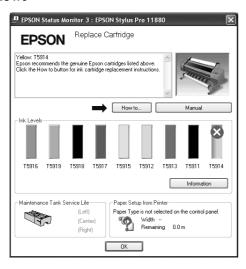
Note:
When you replace the ink cartridges while the printer is turned off, the remaining ink cannot be detected correctly so the ink may become unusable before the Ink Check light comes on and you cannot print correctly. Follow the steps below to replace an ink cartridge.

When ink needs to be replaced/When ink gets low

When the Ink Check light is flashing, this indicates that the ink level is low. If EPSON Status Monitor is installed, a message appears on the computer's display that tells you the ink is low. If the ink is low, you need to replace the ink cartridge as soon as possible. You cannot continue to print even if only one of the ink cartridges is expended. If an ink cartridge runs out while printing, replace it with a new one so the printer can continue to print.

Windows

Mac OS X

Click **How to** to see the instructions on replacing an ink cartridge.

Confirming the ink cartridge remaining

Using the printer's control panel

The remaining ink in the cartridges is always displayed on the LCD panel.
→ See "Display" on page 13.

You can check the accurate amount of ink remaining in the Printer Status menu. You need to check the amount of ink remaining before printing a lot of data. If there is a low ink cartridge, prepare a new one.
→ See "Using the Menu mode" on page 15.
→ See "PRINTER STATUS" on page 22.
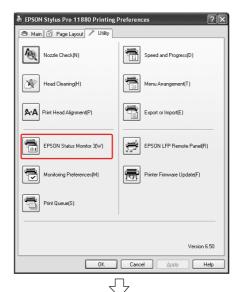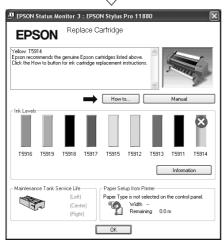
Using the printer driver

You can check the amount of ink remaining on your computer by using EPSON Status Monitor.

For Windows
Open the printer driver window, and click the **Utility** tab, and then click **EPSON Status Monitor 3**.

Note:
In the Monitoring Preferences dialog box, select the ***Shortcut Icon*** *check box to display a shortcut icon on your Windows taskbar. Right-click the shortcut icon, and select the printer name to display the EPSON Status Monitor 3 dialog box.*
➔ *See "Viewing information in Monitoring Preferences" on page 58.*

For Mac OS X
Open the EPSON Printer Utility2 dialog, and then click **EPSON StatusMonitor**.

About ink cartridges

Be sure to use the following ink cartridges with this printer.

Slot No.	Ink color	Product code	Product code
		Stylus Pro 11880	**Stylus Pro 11880C**
#1	Vivid Light Magenta	T591600	T592680
#2	Light Light Black	T591900	T592980
#3	Matte Black	T591800	T592880
#4	Light Black	T591700	T592780
#5	Light Cyan	T591500	T592580
#6	Cyan	T591200	T592280
#7	Vivid Magenta	T591300	T592380
#8	Photo Black	T591100	T592180
#9	Yellow	T591400	T592480

Note:
A protection system is provided to prevent improper cartridge insertion. If you cannot insert the ink cartridge smoothly, the type of cartridge may be incorrect. Check the package and product code.

Notes for handling the ink cartridges

❏ When INK LOW appears on the LCD panel, replace the cartridges with a new one as soon as possible to avoid ink to being expended while printing.

❏ Use up the ink cartridge within six months of installation for best results.

❏ Do not use an ink cartridge beyond the date printed on the cartridge carton. If you use an ink cartridge beyond the expiry date, it may affect the print quality.

❏ Store ink cartridges under the same condition as the printer.

❏ Do not touch the ink supply port or its surrounding area. The ink may leak from it.

❏ Do not touch the green IC chip on the side of the ink cartridge. Doing so may affect normal operation and printing.

❏ Because the green IC chip has the cartridge's own information and the ink remaining information, you can still use the ink cartridge after pulling out the ink cartridge from the printer.

❏ Do not add ink to the cartridge. The green IC chip remembers the ink remaining so that you cannot change the amount of ink remaining.

❏ Do not drop or knock it against hard objects; otherwise, the ink may leak.

❏ The ink is used not only for printing but also for print head cleaning.

Notes for replacing the ink cartridges

❏ If you move the ink cartridge from the cold place to warm place, condensation may occur. Leave it at room temperature for more than four hours before using the ink cartridge.

❏ Shake an ink cartridge horizontally well (about 5 seconds) before installing it for best results.

❏ Do not leave the printer without ink cartridges installed. The print head nozzles may dry and you may not be able to print.

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

❏ Make sure that the printer is turned on when you replace an ink cartridge. If the printer is turned off while changing the ink cartridge, the amount of ink remaining is not detected correctly so you cannot print properly.

❏ Do not turn off the printer while replacing the ink cartridges. The ink does not fill up correctly or the print head nozzles may dry out.

❏ If you reinstall a used ink cartridge, prepare a new one also. You may need to replace it with a new one if there is not much ink left for ink charging.

❏ If you repeat the ink cartridge replacement or perform head cleaning within a short period of time, the maintenance tank may soon become full. If there is not enough free space, prepare a new maintenance tank.

❏ Be careful as there is ink around the ink system port on the used ink cartridge.
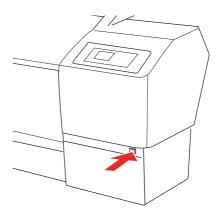
Notes for storing the ink cartridges

❏ Store ink cartridges under the same condition as the printer (temperature is 10 to 35°C and humidity is 20 to 80%).

❏ Ink cartridges that are removed before ink end is detected can be reinstalled in the printer and used again if the expiry date printed on the ink cartridge packaging has not passed.

❏ Avoid getting dirt on the ink system port and store the ink cartridge properly. You do not need to put the ink cartridge in the package. The ink system port has a valve in it so you do not need to put a cap on it; however, be careful not to tamper with the ink system port.

Replacing ink cartridges

1 Make sure the printer is on.

2 Press the ink cover open button to unlock the ink compartment cover.

The lights start flashing and then the cover is slightly opened.

The ink cover open button of the left ink compartment is located on the left side.
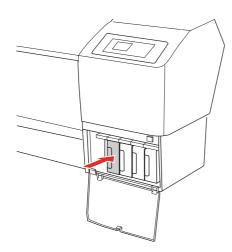
3 Open the ink compartment cover by hand fully.
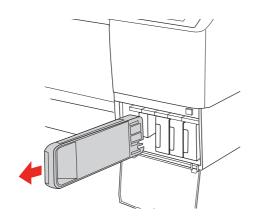
Note:
Do not open the cover until the light starts flashing and the cover is unlocked.

4 Push the expended cartridge so the cartridge is slightly pushed out.

5 Carefully pull the expended cartridge straight out of the slot.
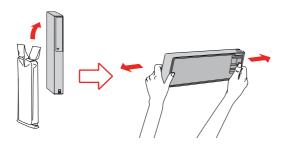
> ⚡ *Warning:*
> *If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.*

6 Make sure the replacement ink cartridge is the correct color, and remove it from the package. Shake the ink cartridge well before installing it for best results.
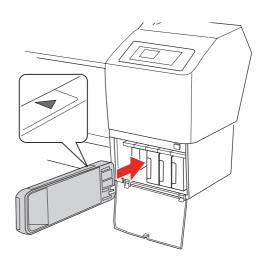
> ❗ *Caution:*
> ❑ *Do not touch the green chip on the side of the cartridge. Doing so may prevent normal operation and printing.*
>
> ❑ *Do not touch the black parts on either side of the inside of the printer.*

7 Hold the ink cartridge with the arrow mark facing up and pointing to the rear of the printer, and then insert it into the slot as far as it will go until it clicks.
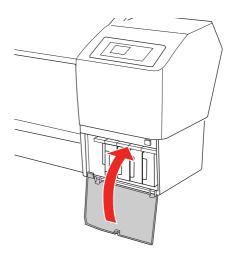
Match the ink cartridge color with the color label on the back side of the ink compartment cover.

> *Note:*
> *Be sure to install all nine ink cartridges. You cannot print if any of the ink cartridges is not installed.*

8 Close the ink compartment cover.

Replacing the Maintenance Tank

The maintenance tank absorbs ink discharged when cleaning the print head. There are three maintenance tanks placed on the left, right, and center of the rear of the printer. If the maintenance tank icon indicates that the maintenance tank is full or near full on the LCD panel, replace the maintenance tank with a new one.

Confirming the free space of the maintenance tank

Using the printer's control panel

The free space of the maintenance tank is always displayed on the LCD panel.
→ See "Display" on page 13.
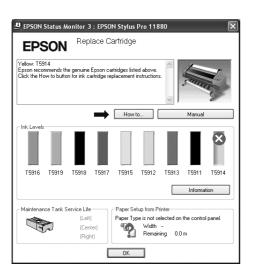
You can check the free space in the Printer Status menu. You need to check it before printing a lot of data. If the maintenance tank is nearly full, prepare a new one.
→ See "Using the Menu mode" on page 15.
→ See "PRINTER STATUS" on page 22.

Using the printer driver

You can check the free space of the maintenance tank on your computer by using EPSON Status Monitor. The instructions are the same as confirming the ink cartridge remaining.
→ See "Using the printer driver" on page 123.

Replacing the maintenance tank

The following is a genuine maintenance tank.
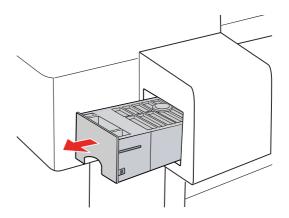
Name	Product code
Maintenance tank	C12C890191
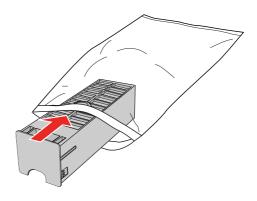
> ⚠ *Caution:*
> *Do not replace the maintenance tank while printing data.*

1 Turn off the printer.
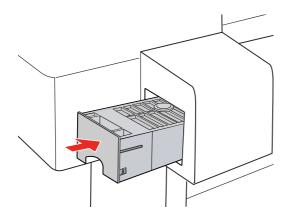
2 Take a new maintenance tank out of the package.

3 Put your hand on the handle of the maintenance tank, then gently pull it straight out.

4 Put the used maintenance tank in the plastic bag provided with the replacement cartridge, and dispose of it properly.

5 Insert the new maintenance tank into place as far as it will go.

> ⚠ *Caution:*
> *Do not touch the green chip on the side of the maintenance tank. Doing so may prevent normal operation.*
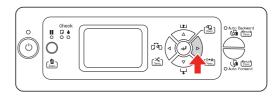
Replacing the Cutter

When the paper cutter does not cut cleanly, it may be blunt and require replacement. The following is a genuine paper cutter.
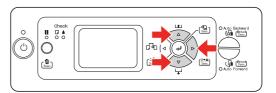
Name	Product code
Auto Cutter Spare Blade	C12C815291

> ⚠ *Caution:*
> ❏ *Replace the cutter quickly. Leaving the print head in the cutter replacement position causes it to become clogged.*
>
> ❏ *Take care not to damage the cutter blade. Dropping it or knocking it against hard objects may chip the blade.*
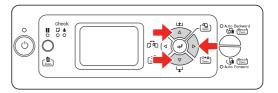
1 Make sure the printer is on.

2 Press the ▷ button to enter the Menu mode.

3 Press the △ / ▽ button to select MAINTENANCE, and then press the ▷ button.
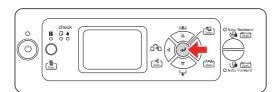
4 Press the △ / ▽ button to select CUTTER REPLACEMENT, and then press the ▷ button.
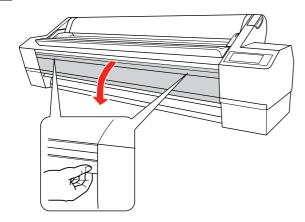
5 Press the ⏎ button.
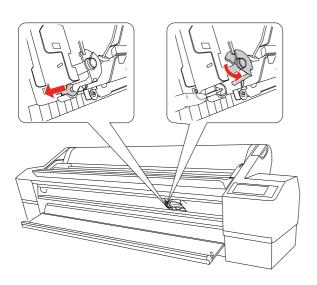
The paper cutter holder stops at the replacement position. OPEN FRONT COVER TO SEE CUTTER REPLACEMENT LABEL appears on the LCD panel.

6 Open the front cover.
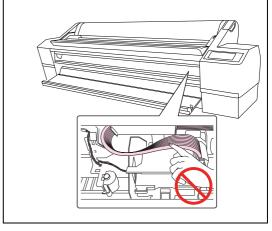
7 Push in the side pin while turning the paper cutter cover to the right to open the casing.

Caution:
❏ *The cutter holder incorporates a spring. Pushing strongly on the side pin of the cutter holder or releasing it suddenly may cause the cutter to pop out. Also, if you push it in too far, the blade of the cutter may damage the inside of the printer.*

❏ *Do not touch the black parts on the either side of the inside of the printer.*

❏ *Be careful not to touch the cables around the print head; otherwise, the printer may be damaged.*
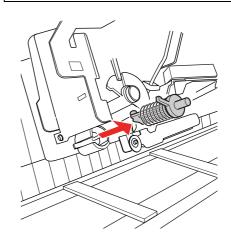
8 Slowly take your finger off the side pin, and carefully remove the old cutter from the printer.

Warning:
Take care not to hurt yourself with the blade of the cutter. Do not let children touch the blade.
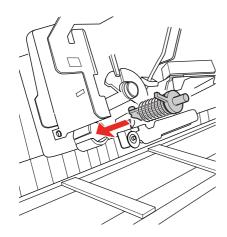
> *Note:*
> *Put the used cutter in a bag or the like, and dispose of it in accordance with local regulations.*
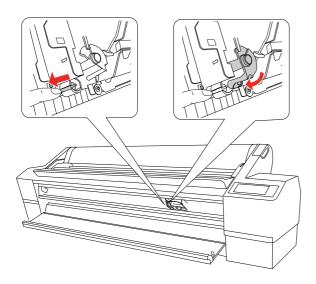
9 Take the new paper cutter out of the package and insert it as shown.

Fully insert the cutter in alignment with the guide. Attach it properly so that the spring incorporated in the cutter holder does not pop out.

10 Push in the side pin while turning the paper cutter cover to the left to close the casing.

11 Close the front cover.

The cutter holder moves to the home (far right) position.

> *Note:*
> *Depending on the environment, the print head nozzles may dry and clog while replacing the cutter. After replacing the cutter, print a nozzle check pattern to confirm the nozzles are not clogged.*
> → *See "Nozzle check" on page 132.*

Adjusting the Print Head

You may need to adjust the print head if white lines appear in your printed data or if you notice the print quality has declined. You can perform the following printer maintenance functions for maintaining the print head in consistently good condition to ensure the best print quality.

Manual cleaning function
You can perform cleaning manually according to the print quality.

Functions	Printer driver	EPSON LFP Remote Panel	Printer	Explanation
Nozzle check	✓	✓	✓	Checks the print head nozzles for clogging by printing a nozzle check pattern.
Head cleaning	✓	✓	✓	Cleans the print head to improve the print quality.
Power cleaning	—	✓	✓	Cleans the print head more effectively than normal head cleaning.

Auto cleaning function (Auto maintenance function)

Function	Explanation
AUTO NOZZLE CHECK	The printer performs a nozzle check and if there are missing dots, it performs cleaning automatically.
Self-cleaning	Avoids drying and clogging of the print head nozzles. It starts when you turn the printer on or start printing.
Capping	Put a cap on the print head to keep it from drying.

Print head alignment function

Functions	Printer driver	EPSON LFP Remote Panel	Printer	Explanation
Print head alignment	✓	✓	✓	Aligns the print head when misaligned lines appear on the printed data.

Nozzle check

This function checks the print head[*1] nozzles[*2] for clogging by printing a nozzle check pattern. Perform head cleaning if you find that the nozzle check pattern is unexpectedly faint or has missing dots in the nozzle check pattern.

By using the AUTO NOZZLE CHECK function, the printer performs a nozzle check without printing a pattern and if there are missing dots, it performs cleaning automatically.

*1 Print head: The part that prints by spraying ink onto the paper.
*2 Nozzle: A minute hole for spraying ink. It is positioned where it cannot be seen from the outside.

You can perform nozzle check from:

❏ Printer driver

❏ Printer's control panel

Note:
You cannot perform a nozzle check when the Ink Check light is on.

Checking the print head nozzles using the printer driver
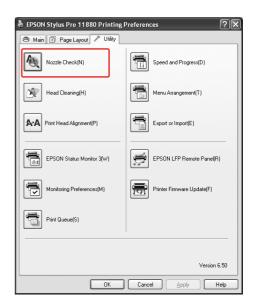
This section explains how to check the print head nozzle using the Window printer driver.
Use EPSON Printer Utility2 for Mac OS X.
➔ See "Accessing EPSON Printer Utility2" on page 66.

1. Make sure that roll paper or A4/Letter size or larger is loaded in the printer.

   Select the correct paper source according to the paper.

2. Open the Utility menu of the printer driver.

3. Click **Nozzle Check**.
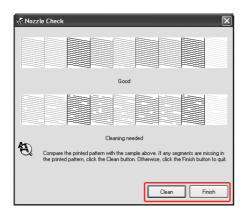
4. Click **Print**.

   The nozzle check pattern is printed.

5 Check if there are missing dots on the nozzle check pattern.

If there are no missing dots, click **Finish**. If there are missing dots, click **Clean**.
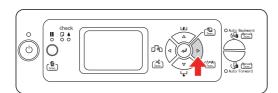
After printing a nozzle check pattern, make sure that the nozzle check pattern printing is complete before starting to print your data or cleaning the print head.

Checking the print head nozzles using the printer's control panel
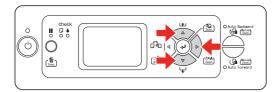
1 Make sure that roll paper or A4/Letter size or larger is loaded in the printer.

Select the correct paper source according to the paper.

2 Press the ▷ button to enter the Menu mode.
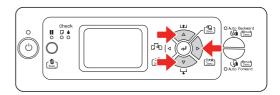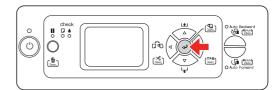
3 Press the △ / ▽ button to display TEST PRINT, and then press the ▷ button.

4 Press the △ / ▽ button to display NOZZLE CHECK, and then press the ▷ button.

5 Press the ⏎ button to start printing a nozzle check pattern.

6 Check the nozzle check pattern.

Good

There are no missing dots so the nozzles are not clogged.

Bad

There are missing dots so the nozzles are clogged. Perform head cleaning.
➔ "Head cleaning" on page 134

Note:
❑ *If the nozzles are still clogged after cleaning the print head a few times, perform power cleaning.*
➔ *See "Power cleaning" on page 136.*

❑ *If the nozzles are still clogged after performing the power cleaning, turn off the printer and leave it overnight or longer, so that the ink may dissolve.*
If the nozzles are still clogged, contact your Epson dealer.

❑ *If* CLEANING ERROR *appears on the LCD panel, see the following section to solve the problem.*
➔ *"Error Messages on the LCD Panel" on page 149*

Head cleaning

If you find that the printed data is unexpectedly faint or dots in the printed data are missing, you may be able to solve these problems by using the Head Cleaning utility to clean the print head, which ensures that the nozzles are delivering ink properly.

You can perform head cleaning from:

❏ Printer driver

❏ Printer's control panel
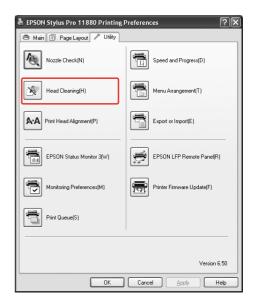
Note:
❏ *The cleaning process consumes ink of all ink cartridges at the same time. Even if you are using only black inks, the head cleaning also consumes color inks.*

❏ *You do not need to perform head cleaning unless the printed data is blurred or the color of the image is not good.*

❏ *When* PRINT SIZE CHECK *is* OFF*, head cleaning cannot be performed if thick paper is set in the printer.*

❏ *After cleaning the print head, print a nozzle check pattern to check if it is printed correctly.*

❏ *When the Ink Check light is flashing or on, you cannot clean the print head. Replace the ink cartridge with a new one first. (If the ink enough remains for the head cleaning, you may perform head cleaning using the printer's control panel.)*
→ *See "Replacing Ink Cartridges" on page 122.*

Cleaning the print head using the printer driver

This section explains how to clean the print head using the Window printer driver.
Use EPSON Printer Utility2 for Mac OS X.
→ See "Accessing EPSON Printer Utility2" on page 66.
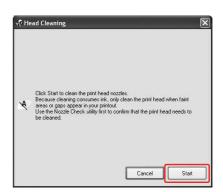
1 Open the Utility menu of the printer driver.

2 Click **Head Cleaning**.

3 Click **Start**.

The head cleaning starts and it takes about 2 to 12 minutes.
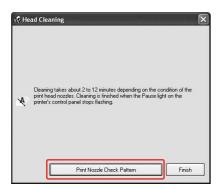
4 Click **Print Nozzle Check Pattern** in the Head Cleaning dialog box.

Confirm the nozzle check pattern.
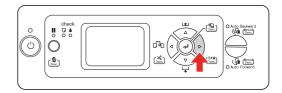
➔ See "Nozzle check" on page 132.

Cleaning the print head using the printer's control panel

1 Press and hold the ▷ button for 3 seconds.

The Power light starts flashing and the head cleaning is started. When the Power light is on, the head cleaning is complete.

2 Print a nozzle check pattern, and check the result.

➔ See "Nozzle check" on page 132.

Note:
❏ *If the nozzles are still clogged after cleaning the print head a few times, perform power cleaning.*
➔ *See "Power cleaning" on page 136.*

❏ *If the nozzles are still clogged after performing the power cleaning, turn off the printer and leave it overnight or longer, so that the ink may dissolve. If the nozzles are still clogged, contact your Epson dealer.*

❏ *If the* CLEANING ERROR *appears on the LCD panel, see the following section to solve the problem.*
➔ *"Error Messages on the LCD Panel" on page 149*

❏ *You can perform the cleaning for only the specified nozzles when you select* CLEAN EACH COLOR *in the Maintenance menu.*
➔ *"MAINTENANCE" on page 22*

Power cleaning

If the nozzles are still clogged after performing head cleaning a few times, perform power cleaning.

You can perform power cleaning using:

❏ EPSON LFP Remote Panel

❏ Printer's control panel

Power cleaning using EPSON LFP Remote Panel

1 Click **Power Cleaning** in the EPSON LFP Remote Panel dialog box.

2 Select the printer, and then click **Power Head Cleaning**.

Follow the on-screen instructions.

Power cleaning using printer's control panel

1 Press the ▷ button to enter the Menu mode.

2 Press the △ / ▽ button to display MAINTENANCE, and then press the ▷ button.

3 Press the △ / ▽ button to select POWER CLEANING, and then press the ▷ button.

4 Press the ⏎ button to execute power cleaning.

PLEASE WAIT appears on the LCD panel. It takes about 3 minutes to complete power cleaning.

5 Print a nozzle check pattern to see if there are any missing dots.

→ See "Nozzle check" on page 132.

Automatic maintenance function

This printer has a self-cleaning function and capping function for maintaining the print head in consistently good condition to ensure the best print quality.

AUTO NOZZLE CHECK function

By using the AUTO NOZZLE CHECK function, the printer performs a nozzle check without printing a pattern and if there are missing dots, it performs cleaning automatically.

Self-cleaning function

Self-cleaning is a function for cleaning the print head automatically to prevent the nozzles getting clogged. It is performed periodically, for example when you turn the printer on (during warming up). A minute quantity of ink is drawn from each ink cartridge to prevent the nozzle drying out. Even if you press the ⏻ button during self-cleaning, the power is not turned off until cleaning finishes. Do not pull out the power plug of the printer during cleaning.

The self-cleaning function is not available when AUTO NOZZLE CHECK is OFF.

Capping function

Capping is a function for automatically covering the print head with a cap (lid) to prevent the print head from drying out. Capping is performed in the following situations.

❏ When several seconds have elapsed after printing finishes (that is there is no print data sent)

❏ When printing is stopped

Take care of the following points to ensure that the print head is capped properly.

❏ If the print head is not positioned on the right side (it is not capped), turn the printer on, then off again. By turning the printer off with the ⏻ button, the head is capped properly.

❏ If you turn the power off when a paper jam or error occurs and the print head is not capped, turn the printer on again. Shortly, the print head is capped automatically. Check that it is properly capped, then turn the printer off.

❏ Do not move the print head manually under any circumstances.

❏ Do not remove the power plug of the printer when the power is on, or cut the power at the breaker. The head may not be capped properly.

Print head alignment

To prevent deterioration of print quality caused by misalignment of the print head, align the print head before you start printing your data.

You can perform print head alignment using:

❏ printer driver

❏ EPSON LFP Remote Panel

❏ printer's control panel

Usually perform print head alignment using the printer driver. If the print quality does not improve, use EPSON LFP Remote Panel. If you do not have a computer or software, use the printer's control panel.
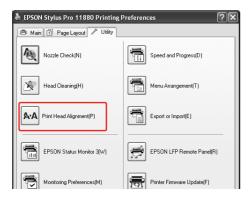
Note:
Align the print head for the paper width loaded in the printer. Use the Epson special media (except plain paper) which paper width is the same as the paper that you actually use for printing.

Aligning the print head using the printer driver
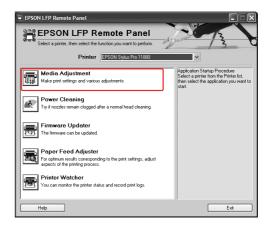
1 Make sure that Epson special roll paper or one sheet of A4/Letter size or larger paper is loaded in the printer.

2 Open the Utility menu of the printer driver.

3 Click **Print Head Alignment**.

Follow the on-screen instructions to align the print heads.
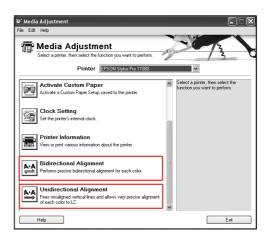
Aligning the print head using EPSON LFP Remote Panel

1 Make sure that Epson special roll paper or one sheet of A4/Letter size or larger paper is loaded in the printer.

2 Select **Media Adjustment** in the EPSON LFP Remote Panel main dialog box.

3 Click **Bidirectional Alignment** or **Unidirectional Alignment**.

Follow the on-screen instructions to align the print heads.

Note:
*Select **Bidirectional Alignment** when the print speed is more important than the print quality. Select **Unidirectional Alignment** when the print quality is more important than the print speed.*

Aligning the print head using the control panel

Select AUTO to correct any head misalignment automatically to obtain optimum printing results. If you select MANUAL, you need to check the pattern and enter the value for alignment.

> *Note:*
> *You cannot use Plain Paper for automatic alignment.*

Setting the paper type and paper thickness

First, set the paper type and paper thickness of the paper that is loaded in the printer.

1. Make sure that Epson special roll paper or one sheet of A4/Letter size or larger paper is loaded in the printer.

   Make sure to set the paper correctly according to the paper.

2. Press the ▷ button to enter the Menu mode.

3. Press the △ / ▽ button to select HEAD ALIGNMENT, and then press the ▷ button.

4. Press the △ / ▽ button to select PAPER THICKNESS, and then press the ▷ button.

5. Press the △ / ▽ button to select SELECT PAPER TYPE, and then press the ▷ button.

6. Press the △ / ▽ button to select the paper type you set in the printer, and press the ▷ button to select the paper. Then press the ⏎ button.

7. Press the ◁ button twice.

8. Press the △ / ▽ button to select SELECT PAPER THICKNESS, and then press the ▷ button.

9. Press the △ / ▽ button to select a paper thickness value between 0.1 and 1.5 mm, and then press the ⏎ button.

   See the following for the paper thickness.
   → "Paper Information" on page 110
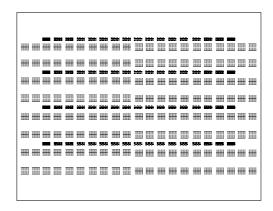
To align the print head, see either of the following section.
→ "Aligning the print head automatically" on page 139
→ "Aligning the print head manually" on page 140

Aligning the print head automatically

1. Press the △ / ▽ button to select HEAD ALIGNMENT, and then press the ▷ button.

2. Press the △ / ▽ button to select ALIGNMENT, and then press the ▷ button.

3. Select AUTO, and press the ▷ button.

4. Press the △ / ▽ button to select BI-D 2-COLOR, and then press the ⏎ button to print the pattern.

The adjustment pattern for output is read by the sensor and the optimum adjustment value is registered automatically in the printer.

If you are not satisfied with the result of this alignment, press the ◁ button to return to the previous level, and then select BI-D ALL.

If you are not satisfied with the result of the BI-D ALL alignment, try UNI-D.

You can also align the print head individually by selecting BI-D #1, BI-D #2, BI-D #3, or BI-D #4. Select an ink dot size from BI-D #1 to BI-D #4 depending on the media you use and the print mode you want to try.

→ See "Ink dot size" on page 142.

Aligning the print head manually

Because there is a distance between the print head and paper, the misalignment may occur by the humidity or temperature or moving the print head bidirectionally. In this case, try UNI-D first, and then BI-D 2-COLOR. If you want to perform a highly accurate adjustment, try BI-D ALL.

Alignment	Explanation
UNI-D	Use all ink colors except black colors to align the print head unidirectionally.
BI-D 2-COLOR	Use Light Cyan and Vivid Light Magenta ink color to align the print head bidirectionally.
Bi-D ALL	Use all ink colors to align the print head bidirectionally.

1 Press the △ / ▽ button to select ALIGNMENT, and then press the ▷ button.

2 Press the △ / ▽ button to select MANUAL, and then press the ▷ button.

3 Press the △ / ▽ button to select UNI-D, and then press the ⏎ button to print the pattern.

> *Note:*
> *When you print the pattern on a cut sheet media such as A3, you need to prepare several sheets. When the first page is printed, set the next paper.*

4 Check the pattern and select the set number that has the smallest gaps.

```
        C

  | | | | | | | | |
  | | | | | | | | |
  | | | | | | | | |
  1 2 3 4 5 6 7 8 9
```

5 When UNI-D #1C appears on the LCD panel, press the △ / ▽ button to select the number, and then press the ⏎ button.

6 Set the number for #1 to #4.

7 Press the ▷ button, and then press the △ / ▽ button to select BI-D 2-COLOR. Then press the ⏎ button.

8 Check the pattern and select the set number that has the smallest gaps.

```
  LC                        VLM

  | | | | | | | | |         | | | | | | | | |
  | | | | | | | | |         | | | | | | | | |
  | | | | | | | | |         | | | | | | | | |
  1 2 3 4 5 6 7 8 9         1 2 3 4 5 6 7 8 9
```

9 When BI-D 2-COLOR #1LC appears on the LCD panel, press the △ / ▽ button to select the number, and then press the ⏎ button.

10 Set the number for #1 to #4.

If you are not satisfied with the result of this alignment, see the next section to try BI-D ALL.

After you set the patterns, press the ‖ button to return to the READY state.

Bi-D ALL alignment
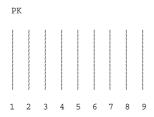
1 Press the △ / ▽ button to select BI-D ALL, and then press the ⏎ button to print a pattern.

> *Note:*
> *When you print the pattern on a cut sheet media such as A3, you need to prepare several sheets. When the first page is printed, set the next paper.*

2 Check the pattern and select the set number that has the smallest gaps.

PK

1   2   3   4   5   6   7   8   9

C

1   2   3   4   5   6   7   8   9

Color	Description
PK, MK, LK	Select the number that has the smallest gap on the line.
C, VM, Y, LC, VLM, LLK	Select the number that has the smallest gap on the line and square.

3 When BI-D ALL #1PK appears on the LCD panel, press the △ / ▽ button to select the number, and then press the ⏎ button.

4 Set the number for #1 to #4.

Ink dot size

Select an ink dot size from BI-D #1 to BI-D #4 depending on the media you use and the print mode you want to try. The table below illustrates which parameter is available for the media type and print quality. If you are not sure of the media type and print quality, check all numbers from BI-D #1 to BI-D #4.

EPSON Stylus Pro 11880/11880C for Windows:

Media Type	Print Quality							
	Speed	Quality	Max Quality	Quality Options (LEVEL)				
				1	2	3	4	5
Premium Luster Photo Paper (260) Premium Glossy Photo Paper (250) Premium Semigloss Photo Paper (250) Premium Glossy Photo Paper (170) Premium Semigloss Photo Paper (170) Epson Proofing Paper White Semimatte Epson Proofing Paper Publication Archival Matte Paper Enhanced Matte Poster Board	#2	#3	#4	#2	#2	#3	#3	#4
Premium Glossy Photo Paper Premium Semigloss Photo Paper Premium Luster Photo Paper Velvet Fine Art Paper Watercolor Paper - Radiant White Textured Fine Art Paper UltraSmooth Fine Art Paper Canvas	-	#3	#4	-	-	#3	#3	#4
Doubleweight Matte Paper	#1	#1	#3	#1	#1	#1	#3	#3
Enhanced Matte Paper	#2	#3	#4	#1	#2	#3	#3	#4
Plain Paper	#1	#1	-	#1	#1	#1	#1	-

EPSON Stylus Pro 11880/11880C for Mac OS X:

Media Type	Automatic			Advanced Settings (Print Quality)				
	Speed	(Medium)	Quality	Draft	Normal	Fine	Super Fine	Super Photo
Premium Luster Photo Paper (260) Premium Glossy Photo Paper (250) Premium Semigloss Photo Paper (250) Premium Glossy Photo Paper (170) Premium Semigloss Photo Paper (170) Epson Proofing Paper White Semimatte Epson Proofing Paper Publication Archival Matte Paper Enhanced Matte Poster Board	#2	#3	#4	-	-	#2	#3	#4
Premium Glossy Photo Paper Premium Semigloss Photo Paper Premium Luster Photo Paper Velvet Fine Art Paper Watercolor Paper - Radiant White Textured Fine Art Paper UltraSmooth Fine Art Paper Canvas	#3	-	#4	-	-	-	#3	#4
Doubleweight Matte Paper	#1	#1	#3	-	#1	#1	#3	-
Enhanced Matte Paper	#2	#3	#4	-	#1	#2	#3	#4
Plain Paper	#1	-	#1	#1	#1	#1	-	-

Cleaning the Roller

If the print is soiled with ink on the roller, follow the steps below to clean the roller by feeding the plain paper.

1 Turn on the printer, and set the roll paper of 64 inches width.

→ See "Using Roll Paper" on page 29.

2 Press the ▽ button to feed the paper.

Repeat step 2 for a few times until the paper is not soiled with ink.
Cut the paper after cleaning is done.
→ See "Cutting the roll paper" on page 33.

Cleaning the Printer

To keep your printer in top operating condition, clean it thoroughly if it becomes soiled.

> **⚠ Caution:**
> *Take care to prevent water or other foreign matter getting inside the printer. If moisture, dirt, or other matter gets inside of the printer, besides affecting print quality, it may cause the electric circuits to short.*

Cleaning outside of the printer

1 Remove the paper from the printer.

2 Make sure the printer is turned off and all the lights are off, and then unplug the power cord from the electrical outlet.

3 Use a soft, clean cloth to carefully remove any dust or dirt.

If the dirt does not come off, clean it using a soft, clean cloth dampened with a mild detergent. Then, wipe the outside of the printer dry with a dry, soft cloth.
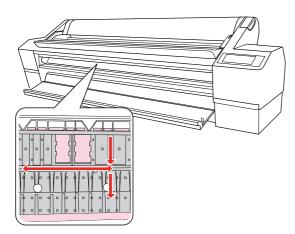
> **⚠ Caution:**
> *Never use alcohol or thinners to clean the printer; these chemicals can damage the components as well as the case.*

Cleaning inside of the printer

1 Make sure the printer is turned off and all the lights are off, and then unplug the power cord from the electrical outlet.

2 Leave the printer for a minute.

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

Wipe the gray part by following the directions of the arrows. If there is a serious problem of dirt on the inside of the printer, clean it using a soft, clean cloth dampened with a mild detergent. Then, wipe the inside of the printer dry with a dry, soft cloth.
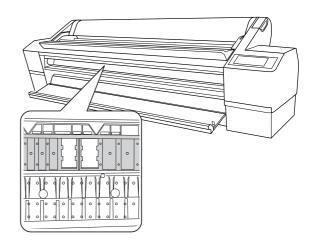
Gray part: Cleaning area
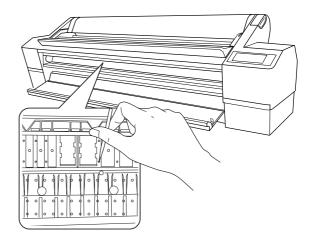
Light magenta part: Do not touch

> ⚠️ *Caution:*
> ❏ *Do not touch the light magenta parts (roller and ink absorption) in the illustration above; otherwise, prints may be soiled.*
>
> ❏ *Do not touch the ink tubes located inside the printer.*
>
> ❏ *Be careful not to touch the cables around the print head; otherwise, the printer may be damaged.*
> → *See "Replacing the Cutter" on page 128.*

4 If the back of a print is soiled, wipe the gray part carefully.

5 If some powdery paper dust is accumulated on the platen, use something like a toothpick to remove it.

Keeping the Printer

When storing the printer, place it on a horizontal surface with the ink cartridges installed in the printer.

> **!** *Caution:*
> *The printer must be kept flat. Do not tilt it, stand it on end, or turn it upside down.*

If you do not used your printer for a long time

❏ If you do not use your printer for a long time, the print head nozzles may become clogged. We recommend that you print regularly to prevent clogging. Also, turn on the printer at least once a month, and leave it on for a few minutes.

❏ Do not leave the printer without ink cartridges; otherwise, the ink will dry out and the printer is not able to print properly. Even if you do not use the printer, leave all of the ink cartridges in the slots.

❏ Do not leave the paper in the printer for a long period of time; otherwise, the roller for securing the paper may leave a mark on the surface of the paper.

If you have not used your printer for more than six months

❏ If you have not used your printer for a long time, print a nozzle check pattern to check for clogging. If the nozzle check pattern is not good, perform head cleaning before printing your data. By using the `AUTO NOZZLE CHECK` function, the printer judges whether the power cleaning is needed. It performs power cleaning automatically if needed. The cleaning message and progress appears on the LCD panel. Perform power cleaning if necessary.

❏ You need to perform head cleaning a few times before the nozzle check pattern is correctly printed. If the nozzles are still clogged after performing head cleaning three times, perform power cleaning.

❏ After performing the head cleaning a few times, turn off the printer and leave it overnight or longer, so that the ink may dissolve.

❏ If the nozzles are still clogged after trying the instructions above, contact your Epson dealer.

Protecting the print head

This printer has a capping function that automatically puts a cap on the print head to keep it away from drying.
If the print head is left uncapped, the print quality may decline. When you are not using the printer, make sure the print head is located on the far right so that it is capped.

Transporting the Printer

When transporting the printer, repack the printer using the original box and packing materials to protect from shock and vibration.
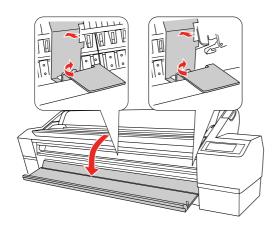
> ⚠️ *Caution:*
> ❏ *Do not remove the ink cartridges; otherwise, the print head nozzles may dry up.*
>
> ❏ *Be careful not to touch the cables around the print head and the black parts on either side of the inside of the printer; otherwise, the printer may be damaged.*

Repacking the printer

1 Make sure the printer is turned on, and set the paper lever to the secured position.

2 Turn off the printer, and then unplug the cables such as the power cord.

3 Remove the spindle.

4 Open the front cover. Install the two metal plates (that fixed the print head) and tighten the screws on each plate to lock the print head.

> *Note:*
> *Be sure to use the metal plates that were removed from the printer when you unpacked it.*

5 Close the front cover.

Transporting the printer

When you transport the printer, be sure to repack the printer using the original box and packing materials.
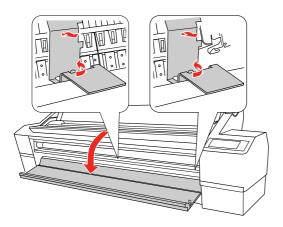
> ⚠️ *Caution:*
> ❏ *When moving or transporting the printer, keep it flat. Do not tilt it, stand it on end, or turn it upside down. Doing so may cause the ink to leak inside the printer. Also, proper operation of the printer after moving or transportation cannot be guaranteed.*
>
> ❏ *When transporting the printer, repack the printer using the original box and packing materials to protect it from shock and vibration.*

Setting up the printer after transporting

The steps you need to take to set up the printer after transporting it are almost identical to the steps carried out the first time you set up the printer. When you set up the printer again, refer to the *Unpacking and Setup Guide*.

1 Make sure that the place is proper.

→ See "Choosing a Place for the Printer" in the *Unpacking and Setup Guide.*

2 Open the front cover. Loosen the screw and remove the two metal plates from the side of the print head compartment.

Note:
Store the metal plates for later use.

3 Close the front cover.

4 Plug in the power cable to the electrical outlet, and turn on the printer.

→ See "Setting up the Printer" in the *Unpacking and Setup Guide.*

5 Perform a nozzle check to see if there are any missing dots.

→ See "Nozzle check" on page 132.

6 Perform the print head alignment to ensure print quality.

→ See "Print head alignment" on page 138.

Problem Solver

Error Messages on the LCD Panel

Error messages

Messages are either status messages or error messages. Many common printer problems can be identified by the lights and messages on the LCD panel. See the following messages to solve problems.

Error messages	Description	What to do
INK LOW	The ink cartridge is nearly expended.	Replacement of the ink cartridge is nearly needed. Although you can continue printing in INK LOW situation, it may decrease the print quality. → See "About ink cartridges" on page 124.
MAINTENANCE TANK NEARLY FULL	The maintenance tank is almost full.	Although you can continue printing, you need to replace the maintenance tank with a new one immediately. → See "Replacing the Maintenance Tank" on page 127.
PAPER LOW	The roll paper is almost finished.	Replace the roll paper with a new one. → See "Using Roll Paper" on page 29.
NO MAINTENANCE TANK INSTALL THE RIGHT SIDE MAINTENANCE TANK	The maintenance tank is not set in the printer.	Install the maintenance tank. → See "Replacing the Maintenance Tank" on page 127.
NO MAINTENANCE TANK INSTALL THE CENTER REAR MAINTENANCE TANK		
NO MAINTENANCE TANK INSTALL THE LEFT SIDE MAINTENANCE TANK		
CANNOT OPEN COVER IS ANYTHING OBSTRUCTING THE RIGHT INK COVER?	Something is obstructing the ink cover.	Move the obstruction in front of the ink cover.
CANNOT OPEN COVER IS ANYTHING OBSTRUCTING THE LEFT INK COVER?		
CANNOT OPEN COVER PRESS INK COVER OPEN BUTTON		After moving the obstruction, then press the ink cover open button to unlock the ink cover.
INK CARTRIDGE INSTALL INK CARTRIDGE	This message appears when replacing the ink cartridge.	Install an ink cartridge. → See "Replacing Ink Cartridges" on page 122.

Error messages	Description	What to do
LEVER RELEASED LOWER THE PAPER SET LEVER	The paper lever is in the released position.	Move the paper lever to the secured position.
LEVER RELEASED LOAD PAPER		
FRONT COVER OPEN CLOSE FRONT COVER	The front cover is open.	Close the front cover.
INK COVER OPEN CLOSE RIGHT AND LEFT INK COVERS	The ink cover(s) is open.	Close the ink cover(s).
INK COVER OPEN CLOSE RIGHT INK COVER		
INK COVER OPEN CLOSE LEFT INK COVER		
NOT ENOUGH CAPACITY REPLACE THE RIGHT SIDE MAINTENANCE TANK	The maintenance tank is almost full.	Replace the target maintenance tank with a new one. ➜ See "Replacing the Maintenance Tank" on page 127.
NOT ENOUGH CAPACITY REPLACE THE CENTER REAR MAINTENANCE TANK		
NOT ENOUGH CAPACITY REPLACE THE LEFT SIDE MAINTENANCE TANK		
NOT ENOUGH INK REPLACE INK CARTRIDGE WITH A NEW ONE	The ink cartridge is nearly expended.	Replace the ink cartridge with a new one. ➜ See "Replacing Ink Cartridges" on page 122.
MAINT TANK ERROR REPLACE THE RIGHT SIDE MAINTENANCE TANK	The maintenance tank is not correctly set in the printer.	Replace the maintenance tank. ➜ See "Replacing the Maintenance Tank" on page 127.
MAINT TANK ERROR REPLACE THE CENTER REAR MAINTENANCE TANK		
MAINT TANK ERROR REPLACE THE LEFT SIDE MAINTENANCE TANK		
MAINTENANCE PLEASE USE GENUINE EPSON MAINT TANK	Non-genuine maintenance tank is installed.	Replace the maintenance tank with a genuine Epson cartridge. ➜ See "Replacing the Maintenance Tank" on page 127.
MAINTENANCE NON-GENUINE MAINT TANK MAY NOT PERFORM AT OPTIMUM. CONTINUE? <YES NO>	Non-genuine maintenance tank is installed.	Select NO (press the ▷ button) to replace the maintenance tank with a genuine Epson maintenance tank. ➜ See "Replacing the Maintenance Tank" on page 127.

Error messages	Description	What to do
MAINTENANCE THIS MAY VOID EPSON'S WARRANTY. DO YOU ACCEPT THIS? <ACCEPT DECLINE>	Non-genuine maintenance tank is installed. This may void EPSON's warranty.	Select DECLINE (press the ▷ button) to replace the maintenance tank with a genuine Epson maintenance tank. Selecting ACCEPT (press the ◁ button) may void EPSON's warranty. ➜ See "Replacing the Maintenance Tank" on page 127.
MAINT TANK FULL REPLACE THE RIGHT SIDE MAINTENANCE TANK	The maintenance tank is full.	Replace the target maintenance tank with a new one. ➜ See "Replacing the Maintenance Tank" on page 127.
MAINT TANK FULL REPLACE THE CENTER REAR MAINTENANCE TANK		
MAINT TANK FULL REPLACE THE LEFT SIDE MAINTENANCE TANK		
NO CARTRIDGE INSTALL INK CARTRIDGE	No ink cartridge is installed.	Install an ink cartridge correctly. Do not reinstall the ink cartridge that caused an error. ➜ See "Replacing Ink Cartridges" on page 122.
INK CARTRIDGE ERROR REPLACE CARTRIDGE	The ink cartridge was found faulty. There may be some bad contact or dew condensation in the cartridge.	❑ Remove the ink cartridge and reinstall it. If this message appears after reinstalling the ink cartridge, replace it with a new one. (Do not reinstall the ink cartridge that caused an error.) ➜ See "About ink cartridges" on page 124. ➜ See "Replacing ink cartridges" on page 125. ❑ Condensation may occur in the ink cartridge so leave it at room temperature for more than four hours before installing the ink cartridge. ➜ See "Notes for replacing the ink cartridges" on page 124.
INK CARTRIDGE PLEASE USE GENUINE EPSON INK CARTRIDGES	Non-genuine ink cartridge is installed.	Replace the ink cartridge with a genuine Epson ink cartridge. ➜ See "About ink cartridges" on page 124. ➜ See "Replacing ink cartridges" on page 125.
INK CARTRIDGE NON-GENUINE CARTRIDGE MAY NOT PERFORM AT OPTIMUM. CONTINUE? <YES NO>	Non-genuine ink cartridge is installed.	Select NO (press the ▷ button) to replace the ink cartridge with a genuine Epson ink cartridge. ➜ See "About ink cartridges" on page 124. ➜ See "Replacing ink cartridges" on page 125.

Error messages	Description	What to do
INK CARTRIDGE THIS MAY VOID EPSON'S WARRANTY. DO YOU ACCEPT THIS? <ACCEPT DECLINE>	Non-genuine ink cartridge is installed. This may void EPSON's warranty.	Select DECLINE (press the ▷ button) to replace the ink cartridge with a genuine Epson ink cartridge. Selecting ACCEPT (press the ◁ button) may void EPSON's warranty. → See "About ink cartridges" on page 124. → See "Replacing ink cartridges" on page 125.
INK CARTRIDGE ERROR PLEASE INSTALL THE CORRECT CARTRIDGE	An ink cartridge that cannot be used with this printer is installed.	Remove the ink cartridge, and install an ink cartridge that can be used with this printer. → See "About ink cartridges" on page 124. → See "Replacing ink cartridges" on page 125.
INK CARTRIDGE ERROR CHECK CARTRIDGE REFER TO THE MANUAL	An ink cartridge with the wrong product code is installed.	Remove the ink cartridge, and install an ink cartridge with the correct product code. → See "Replacing Ink Cartridges" on page 122.
INK CARTRIDGE REPLACE INK CARTRIDGE	The ink cartridge is expended.	Replace the ink cartridge with a new one. → See "Replacing Ink Cartridges" on page 122.
COMMAND ERROR CHECK DRIVER SETTINGS	Damaged data has been sent to the printer.	Stop printing, and press the ❚❚ button for 3 seconds.
	The printer receives data with a wrong command.	
	The installed printer driver is not correct for the printer.	Stop printing, and press the ❚❚ button for 3 seconds. Then make sure that the installed printer driver is correct for the printer.
PAPER CUT ERROR PRESS THE MENU BUTTON TO MOVE THE CUTTER TO REPLACEMENT POSITION PAPER CUT ERROR REMOVE UNCUT PAPER (The following messages also appears: OPEN FRONT COVER TO SEE CUTTER REPLACEMENT LABEL. SEE LABEL TO REPLACE CUTTER CLOSE FRONT COVER)	Paper is not cut correctly when Roll Auto Cut On ⌐⟍✂ s selected.	❑ Release the paper lever, and then remove the uncut paper. Finally, set the paper lever to the secured position. → See "Feeding or ejecting troubles" on page 164. ❑ Paper cutter may be blunt. Replace the paper cutter. → See "Replacing the Cutter" on page 128.
PAPER SKEW LOAD PAPER PROPERLY	The paper is not loaded straight.	❑ It may not be printed in the printable area properly. ❑ Load the paper straight. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35.

Error messages	Description	What to do
PAPER ERROR LOAD PAPER PROPERLY REFER TO THE MANUAL	The paper is not loaded correctly.	Release the paper lever, and set the paper correctly. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35.
TAKE-UP ERROR SET PAPER PROPERLY IN AUTOMATIC TAKE-UP REEL SYSTEM	Paper is not set correctly in the Auto Take-up Reel Unit.	Set the paper correctly in the Auto Take-up Reel Unit. → See "Using Auto Take-up Reel Unit" on page 41.
TAKE-UP ERROR IS ANYTHING OBSTRUCTING THE TAKE-UP REEL SENSOR SYSTEM? LOAD PAPER AGAIN	There is something in the sensor system.	Make sure there is no obstruction in the sensor system, and then set the paper correctly in the Auto Take-up Reel Unit. → See "Using Auto Take-up Reel Unit" on page 41.
BORDERLESS ERROR LOAD THE SUPPORTED PAPER SIZE OR LOAD PAPER PROPERLY	The paper installed is not supported for borderless printing.	Press the ❙❙ button for 3 seconds to reset the printer, and then eject the paper. Then load a different size of cut sheet media. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35. → See "Paper Information" on page 110.
	The size of the cut sheet media is not recognized properly.	If the paper is wavy or slack, the printer cannot recognize the paper size correctly. In this case, flatten the paper before loading it in the printer. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35.
	If the appropriate paper size is set in the printer, the paper is not set correctly.	Set the paper correctly in the printer. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35.
PAPER OUT LOAD PAPER	No paper is loaded in the printer.	Load paper correctly. → See "Using Roll Paper" on page 29. → See "Using Cut Sheet Media" on page 35.
	The paper is not ejected properly.	Set the paper lever to the released position, and remove the paper.
	The roll paper runs out while printing is in progress.	Load a new roll paper.
PAPER EJECT ERROR REMOVE PAPER FROM PRINTER	The printer could not eject the print.	Set the paper lever to the released position, and then remove the paper. Set the paper again.
PAPER SIZE ERROR LOAD CORRECT SIZE PAPER	The loaded paper size does not match the data size.	Match the loaded paper size to the data size.
PAPER SENSOR ERROR PRESS THE ❙❙ BUTTON LOAD DIFFERENT PAPER	The loaded paper does not match the media type selected.	Press the ❙❙ button, and then load the paper that matches with the media type. → See "Print head alignment" on page 138.

Error messages	Description	What to do
PAPER SENSOR ERROR PRESS THE ▮▮ BUTTON LOAD THE CORRECT PAPER REFER TO THE MANUAL	The loaded paper does not match the media type selected for the Auto Head Alignment.	Press the ▮▮ button, and then load the paper that matches with the media type selected for the Auto Head Alignment. → See "Print head alignment" on page 138.
NOZZLE CHECK ERROR PRESS THE ▮▮ BUTTON	Nozzle check cannot be executed.	Press the ▮▮ button to clear the error, and try the nozzle check again. → See "Nozzle check" on page 132. When it is not started, cancel the nozzle check from the computer, and turn the printer off and then on again.
CLEANING ERROR PRESS THE ▮▮ BUTTON IT IS RECOMMENDED TO EXECUTE CLEANING AGAIN	The nozzles are still clogged.	Press the ▮▮ button. Then, perform the Head Cleaning again. → See "Head cleaning" on page 134.
CLEANING ERROR REMOVE THICK PAPER	Cleaning cannot be executed because thick paper is loaded.	Remove the thick paper, and set the paper lever to the secured position.
PAPER SETTING ERROR CHECK PAPER SOURCE IN THE DRIVER SETTINGS AND LOAD PAPER CORRECTLY	The paper path is wrong.	Check the Source setting in the printer driver, and load the paper correctly.
REMOVE ROLL PAPER RAISE THE PAPER SET LEVER AND REMOVE PAPER	The roll paper is not removed from the printer.	Raise the paper lever and remove the roll paper.
TAKE-UP DISCONNECTED SET AUTO TAKE-UP REEL SYSTEM IN PRINTER AND RESTART THE PRINTER	Auto Take-up Reel Unit is not installed in the printer.	Install the Auto Take-up Reel Unit properly. → See "Installing the Auto Take-up Reel Unit" in the *Unpacking and Setup Guide*.
PAPER SETTING ERROR LOAD ROLL PAPER	The paper size set in the printer and the paper size of the printing data is not matched.	❑ Set the paper of which the size is the same as the printing data. → See "Using Roll Paper" on page 29. ❑ Press the ▮▮ button to start printing. The area beyond the paper width is not printed.
PAPER SETTING ERROR LOAD CUT SHEET PAPER	The paper size set in the printer and the paper size of the printing data is not matched.	❑ Set the paper of which the size is the same as the printing data. → See "Using Cut Sheet Media" on page 35. ❑ Press the ▮▮ button to start printing. The area beyond the paper width is not printed.
F/W INSTALL ERROR UPDATE FAILED RESTART THE PRINTER	The printer fails to update the firmware.	Restart the printer, and then update the firmware using EPSON LFP Remote Panel again.
PAPER JAM REMOVE PAPER	The paper is jammed.	Remove the jammed paper. → See "Feeding or ejecting troubles" on page 164.

User's Guide

Error messages	Description	What to do
CARRIAGE LOCKED RELEASE THE CARRIAGE LOCK	Print head is locked.	Remove the protective materials from the print head to release the print head. ➔ See "Transporting the Printer" on page 147.
PRINTER ERROR RESTART THE PRINTER	Some errors have occurred.	Turn the printer off, and after a while turn it on again.
MAINTENANCE REQUEST NNNN	A part used in the printer has nearly reached the end of its life. "NNNN" shows the code of the part.	Note the code and contact your dealer. ➔ See "When the maintenance call error occurs" on page 155.
SERVICE CALL ERROR NNNN PLEASE CONTACT TO THE REPAIR CENTER	If 1133 or 1137 appears, the print head may be locked.	Remove the protective materials from the print head to release the print head. ➔ See "Transporting the Printer" on page 147. If the print head is already removed, turn the printer off, and plug the power cord into the electrical outlet or the AC inlet of the printer properly, and then turn the printer on and off a few times.
	If 3000 appears, the power cord is not plugged into the electrical outlet or the AC inlet of the printer properly	Turn the printer off. Plug the power cord into the electrical outlet or the AC inlet of the printer properly. Then, turn the printer on and off a few times. If this message appears on the LCD panel again, note the code and contact your dealer. ➔ See "When the service call error occurs" on page 156.
	A fatal error has occurred.	Turn the printer off, leave it for a while, and turn the printer on again. If this message appears on the LCD panel again, note the code and contact your dealer. ➔ See "When the service call error occurs" on page 156.

When the maintenance call error occurs

A maintenance call warns you to replace the consumables with a new one very soon. If MAINTENANCE CALL XXXX is displayed on the LCD panel, contact your dealer and tell them the maintenance call code. If you continue to use the printer, the service call error occurs.

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When the service call error occurs

A service call error occurs when:

❑ The carriage lock is not removed from the print head.

❑ The power cord is not plugged properly into the electrical outlet or the power connector of the printer.

❑ An fatal error has occurred.

When a service call has occurred, `SERVICE CALL ERROR NNNN` appears and the printer stops printing. Turn off the printer, and check if the carriage lock is removed. If it is removed, then check that the power cord is plugged properly into the electrical outlet or the power connector of the printer. Plug the power cord properly and then turn on the printer. If the service call error is cleared, you can continue to use the printer. If the same service call error is displayed on the LCD panel, contact your dealer for assistance. Tell them the service call code is "NNNN".

Troubleshooting

You cannot print (because the printer does not work)

Cause	What to do
The printer does not turn on.	**Is the power cord plugged into the electrical outlet or the printer?** Make sure the power cord is securely plugged into the printer. **Is there any problem with the electrical outlet?** Make sure your outlet works by trying to connect the power cord of another electric product.
The printer driver is not installed properly (Windows).	**Is the printer icon in the Printers and Faxes or Printers folder?** ❑ Yes The printer driver is installed. Check the port, as described in the next item. ❑ No The printer driver is not installed. Install the printer driver. ➔ See "Installing the Printer Driver and Software" in the *Unpacking and Setup Guide*. **Does the printer port setting match the printer connection port?** Check the printer port. Click the **Ports** tab in the printer driver's Properties dialog box, and check the printer port. ❑ (USBxxx) (x stands for the port number) for the USB connection ❑ A correct IP address for the network connection If it is not indicated, the printer driver is not correctly installed. Uninstall the printer driver and reinstall it. ➔ See "Uninstalling the printer driver" on page 59.

Cause	What to do
The printer driver is not installed properly (Mac OS X).	**Is the printer added to the printer list?** Follow the steps below to open Print Center or Printer Setup Utility to check whether the printer driver is installed. 1. Double-click the hard disk icon. 2. Click the **Applications** folder, and then double-click the **Utility** folder. 3. Double-click the **Print Center** or **Printer Setup Utility** icon. If the printer name is not displayed, see the following to add the printer. ➔ "Adding the printer for Mac OS X" in the *Unpacking and Setup Guide*
The printer is not correctly connected to the computer.	**Is the cable plugged properly?** Make sure the printer's interface cable is securely plugged into the correct terminal of the computer. Also, make sure the cable is not broken nor bent. If you have a spare cable, try with the spare cable. ➔ See "Connecting the Printer with Your Computer" in the *Unpacking and Setup Guide*. **Does the interface cable specification match the specifications for the computer?** Make sure the interface cable specifications match the specifications for the printer and computer. ➔ See "Connection requirements" on page 174. **Is the interface cable directly connected to the computer?** Make sure the interface cable is directly connected to the computer without passing through any device, such as a printer switching device, or extension cable. ➔ See "Connecting the Printer with Your Computer" in the *Unpacking and Setup Guide*. **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. Also, some hubs may cause unstable operation. If problems occur, connect the printer directly to the USB port of the computer. **Is the USB hub recognized correctly? (Windows)** Make sure the USB hub is recognized correctly in the computer. If the USB hub is recognized correctly, unplug all of the USB hubs from the computer's USB port, and then connect the printer's USB connector directly to the computer's USB port. Ask the USB hub manufacturer about USB hub operation.
The printing is not available under the network environment.	**Have you made the network settings on the printer's control panel?** On the printer's control panel, select ENABLE for NETWORK SETUP, and make the necessary settings. ➔ See "NETWORK SETUP" on page 26. **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 can print through USB, there are some problems on the network environment. Ask your system administrator, or refer to the manual for your network system. If you cannot print, see the appropriate section in this manual.

Cause	What to do
The printer has an error.	**Confirm if errors have occurred in the printer by checking the lights and messages on the printer's control panel.** → See "Lights" on page 12. → See "Error Messages on the LCD Panel" on page 149.
The printer stops printing.	**Is the status of Print Manager "paused"? (Windows)** If you stop printing or the printer stops printing because of some troubles, the status of Print Manager becomes "paused". You cannot print in this condition. Double-click the printer icon in the **Printers** folder, and select **Pause Printing** from the Printer menu to clear the check box.
	Is the status in the Print Center or Printer Setup Utility "Pausing"? (Mac OS X) If you click **Stop Jobs** in the Print Center or Printer Setup Utility, the printer does not start printing until it is released.
	1. In the Dock, click the **Print Center** or **Printer Setup Utility** icon.
	2. Double-click the printer that is pausing.
	3. Click the job that is paused, and then click **Start Jobs**.
Your trouble is not listed here.	**Decide whether the trouble is caused by the printer driver or the application software.** Perform a test print from the printer driver so you can tell that the connection between the printer and computer is correct and the printer driver settings are correct.
	1. Make sure that the printer is in the READY state, and set a sheet of A4 or larger.
	2. From the **Start** menu, open the **Printers and Faxes** or **Printer** folder.
	3. Right-click the target printer icon, and select **Properties**.
	4. In the **General** tab, click the **Print Test Page** button.
	After a while the printer starts to print a test page.
	❏ If the test page is printed correctly, the connection between the printer and computer is correct. Go to the next section.
	❏ If the test page is not printed correctly, check the items above again. → See "You cannot print (because the printer does not work)" on page 156.
	* "Driver Version" shown on the test page is the version of the driver installed in Windows. It is not the Epson printer driver version that you installed.

The printer sounds like it is printing, but nothing prints

Cause	What to do
The ink cartridges may have a problem.	**If the print head moves, but nothing prints, confirm the printer operation.** Print a nozzle check pattern. You can check the printer's operation and status without connecting the printer to the computer. → See "Nozzle check" on page 132. **If the nozzle check pattern has missing dots, perform a print head cleaning.** → See "Head cleaning" on page 134. If you replace the ink cartridges while the printer is turned off, the remaining amount of ink cannot be detected correctly so that the Ink Check light does not come on even when the ink cartridge needs to be replaced; otherwise you cannot print correctly. Be sure to follow the instructions in this manual to replace the ink cartridge. → See "Replacing Ink Cartridges" on page 122. **Has the printer not been used for a long time?** If the printer has not been used for a long time, the nozzles are dried and may be clogged. See the following section. → "If you have not used your printer for more than six months" on page 146

The prints are not what you expected

Cause	What to do
Print quality is poor, uneven, too light, or too dark.	**Are the print head nozzles clogged?** If the nozzles are clogged, the print quality is reduced. Print the nozzle check pattern. If you replace the ink cartridges while the printer is turned off, the remaining of the ink cannot be detected correctly so that the Ink Check light is not on even the ink cartridge is needed to be replaced or you cannot print correctly. Be sure to follow the instructions in this manual to replace the ink cartridge. ➔ See "Replacing Ink Cartridges" on page 122. **Is there any gap in the print head during bidirectional printing?** For the bidirectional printing, the printer head can print both when moving left to right and when moving right to left. Because of the gap of the print head, vertical lines may appear out of alignment. In this case, perform the Print Head Alignment. ➔ See "Print head alignment" on page 138. **Are you using a genuine Epson ink cartridge?** If you use the non-Epson ink cartridge, the prints may smear, or the color of the printed image may be changed because the ink end is not correctly detected. Be sure to use the correct ink cartridge. **Are you using an old ink cartridge?** The print quality decreases when an old ink cartridge is used. Replace the old ink cartridge with a new one. Be sure to use the ink cartridge before the expiry date (within six months after installing to the printer). **Is the media type setting correct?** It affects the print quality if the paper you have selected in the Main menu (Windows) or Print Setting dialog (Mac OS X) does not match with the paper that is loaded in the printer. Be sure to match the media type setting with the paper that is loaded in the printer. **Did you select Speed for Print Quality?** The print quality may decrease when you select Speed rather than Quality. If you want to improve your print quality, select Quality for the Print Quality setting in the Main menu. **Are you using Photo Enhance?** Photo Enhance provides a variety of image-correction settings for the image data of which contrast or brightness is not appropriate. Because of that, if Photo Enhance is enabled, the color of the prints may differ from the color you see on the display. ➔ See "Auto color adjustment by Photo Enhance (Windows only)" on page 77.
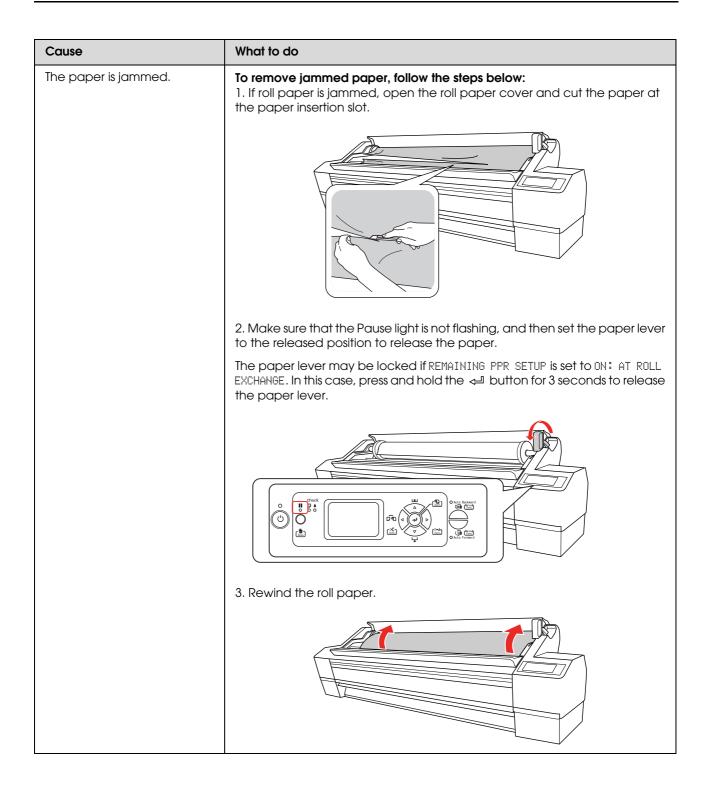
Cause	What to do
Print quality is poor, uneven, too light, or too dark.	**Have you made color adjustment settings?** The color is produced differently because the output devices (such as display, printer) are different. In order to reduce the differences in color between each device, perform color adjustment. → See "Color adjustment by the printer driver" on page 75. **Have you compared the printing result with the image on the display monitor?** Since monitors and printers produce colors differently, printed colors will not always match on-screen colors perfectly. ❏ Televisions and monitors produce a range of colors by combining the 3 colors known as the 3 primary colors of light, red (R), green (G), and blue (B). When none of the lights are shining, the result is black, and when all 3 colors are shining, the result is white. ❏ However, color gravure printing and color printers use a combination of the 3 primary colors of pigment, yellow (Y), magenta (M), and cyan (C). When no color is applied, the result is white, and when all 3 colors are mixed evenly, the result is black. ❏ Printing a scanned image necessitates the changes from the original image (CMY) to the monitor (RGB) then to the print (CMY), making color matching even more difficult. In this case, color matching between the devices is handled by ICM (Windows) or ColorSync (Mac OS X). **When using a color management system such as ICM (Windows) or ColorSync (Mac OS X), have you set a monitor profile?** For proper management, the input devices and applications used must support ICM (Windows) or ColorSync (Mac OS X). Also, it is necessary to set the profile for the monitor that you are using. → See "Using Color Management" on page 70. **Did you open the front cover during printing?** If the front cover is opened during printing, the carriage stops suddenly causing unevenness in the color. Do not open the front cover during printing. **Does INK LOW appear on the LCD panel?** The print quality may decrease when the ink is nearly expended. Replace the ink cartridge with a new one. If the print quality is not good after replacing the ink cartridge, perform head cleaning a few times.
The color is not the same as another printer.	**Have you set color matching for each device?** Each printer has a color profile and the same data may be printed with differing colors on each printer. Color matching minimizes the differences between colors as much as possible. The printer driver of this product has a color matching function. If you print with Epson's recommended settings the print colors will differ between printer models. If you want to print with closely matched colors, try using color management. You can also load color profile information for this printer from an application. → See "Using Color Management" on page 70. For other devices, please refer to the manual of the device or application for color matching.

Cause	What to do
The print is not positioned properly on the paper.	**Have you specified the print area?** Check the print area in the settings of the application and printer. **Is the paper size setting correct?** If the Paper Size setting and the size of the actual paper do not match, the print may not be where you want it, or part of it may be cut off. In this case, check the print settings. **Is the paper skewed?** If PAPER SKEW CHECK in the panel settings is OFF, the paper is printed even if it is skewed. In this case, the print will not be in the print area. Set PAPER SKEW CHECK to ON in the Menu mode. → See "PRINTER SETUP" on page 20. **Does the print data fit within the paper width?** If the print image is bigger than the paper width, printing normally stops. However, if the PAPER SIZE CHECK is OFF, the paper is printed even if the paper width is exceeded. Set PAPER SIZE CHECK to ON in the Menu mode. → See "PRINTER SETUP" on page 20. **Is the roll paper margin set to 15 mm or 35 mm?** With auto rotation, or if you print to the full width of the paper (printing at A1 vertical size on 24-inch wide roll paper, or printing at A2 horizontal size), if the ROLL PAPER MARGIN is set to 15 mm or 35 mm, the data extending beyond the print area on the right side of the paper is not printed. Set ROLL PAPER MARGIN to 3 mm. → See "PRINTER SETUP" on page 20.
Left/right ruled lines are bumpy.	**Is the print head misaligned (leaving gaps)? (during bidirectional printing)** With bidirectional printing, the print head prints while moving left and right. If the print head is misaligned, ruled lines may be printed misaligned with gaps. If vertical ruled lines are misaligned with bidirectional printing, adjust the gap. → See "Print head alignment" on page 138.
The printed surface is scuffed or soiled.	**Is the paper too thick or too thin?** Check that the paper is a specification that can be used with this printer. For information about the media types and appropriate settings for printing on paper from other manufacturers or when using a raster image processor (RIP), please refer to the handling instructions for the paper, or contact the retailer of the paper or the manufacturer of the RIP. **Is the print head scuffing the printed surface with thick paper?** When using thick paper, the print head may scuff the printed surface. In this case, set PLATEN GAP to a point between WIDE and WIDEST. → See "PRINTER SETUP" on page 20.
The paper is creased.	**Are you using the printer at normal room temperature?** Epson's special paper should be used at normal room temperature (temperature: 15 to 25°C, humidity: 40 to 60%). For information about paper such as thin paper from other manufacturers that requires special handling, refer to the relevant handling instructions. **When using paper other than Epson special media, have you set the paper characteristics?** When using paper other than Epson special media, set the paper characteristics (custom paper) before printing. → See "Printing with Non-Epson Media" on page 100.

Cause	What to do
The back of the printed paper is soiled.	**Set PAPER SIZE CHECK to ON in the Menu mode.** If the print image is bigger than the paper width and the `PAPER SIZE CHECK` is `OFF`, the image is still printed extending beyond the print area, causing the inside of the printer to become soiled. In order to keep the inside of the printer clean, set `PAPER SIZE CHECK` to `ON` in the panel settings. → See "PRINTER SETUP" on page 20.
Too much ink is being released.	**Is the Media Type setting correct?** Make sure that the paper settings of the printer match the paper that you are using. The discharge of ink is controlled in accordance with the media type. If you print on plain paper using the photo paper setting, too much ink will be discharged for the type of paper. **Is the Color Density setting correct?** Lower the density of the ink in Paper Configuration dialog box in the printer driver. The printer may be discharging too much ink for the paper. See the online help of the printer driver for detailed information on the Paper Configuration dialog box.
Margins appear with borderless printing.	**Are the settings for the print data in the application correct?** Ensure that the paper settings in the application are correct as well as in the printer driver. → See "Borderless Printing" on page 79. **Are the paper settings correct?** Make sure that the paper settings of the printer match the paper that you are using. → See "Paper Information" on page 110. **Have you changed the amount of enlargement?** Adjust the amount of enlargement for borderless printing. Margins may appear if you set the amount of enlargement to Min. → See "Borderless Printing" on page 79. **Is the paper stored correctly?** The paper may expand or contract if it is not stored correctly so that margins appear even when borderless is set. Refer to the handling instructions for the paper for correct storage. **Are you using paper that supports borderless printing?** Paper that is not intended for borderless printing may expand or contract during use so that margins appear even when borderless is set. We recommend that you use the recommended paper for borderless printing. → See "Paper Information" on page 110.

Feeding or ejecting troubles

Cause	What to do
Unable to feed or eject paper.	**Is the paper loaded in the right position?** Refer to the following for the correct position to load the paper. ➜ See "Paper Handling" on page 28. If the paper is loaded correctly, check the condition of the paper that you are using. **Is the paper loaded vertically?** Single sheets should always be loaded vertically. If they are loaded horizontally, the paper is not recognized and an error occurs. ➜ See "Paper" on page 177. **Is the paper creased or folded?** Do not use old paper or paper with folds in it. Always use new paper. **Is the paper damp?** Do not use paper that is damp. Also, Epson special media should be left in the bag until you intend to use it. If it is left out for a long time the paper curls up and gets damp so that it does not feed properly. **Is the paper wavy or slack?** Single sheet paper becomes wavy or slack due to changes in temperature or humidity which may result in the printer being unable to recognize the paper size correctly. In this case, flatten the paper before loading it in the printer. **Is the paper too thick or too thin?** Check that the paper is a specification that can be used with this printer. For information about the paper types and appropriate settings for printing on paper from other manufacturers or when using a raster image processor (RIP), please refer to the handling instructions for the paper, or contact the retailer of the paper or the manufacturer of the RIP. **Are you using the printer at normal room temperature?** Epson special media should be used at normal room temperature (temperature:15 to 25°C, humidity: 40 to 60%). **Is the paper jammed in the printer?** Open the front cover of the printer and check that there are no paper jams or foreign objects in the printer. If there is a paper jam, remove the paper while referring to the following. ➜ See "Feeding or ejecting troubles" on page 164. **Is the tension of the roll paper spindle correct?** Some types of paper require the spindle to be switched to high tension to prevent wrinkles in the paper during printing. Set the tension appropriately for the paper. If wrinkles appears while using plain roll paper, set the tension to high tension. You can reduce wrinkles on the paper when using high tension. ➜ See "Using Roll Paper" on page 29.

Cause	What to do
The paper is jammed.	**To remove jammed paper, follow the steps below:** 1. If roll paper is jammed, open the roll paper cover and cut the paper at the paper insertion slot. 2. Make sure that the Pause light is not flashing, and then set the paper lever to the released position to release the paper. The paper lever may be locked if `REMAINING PPR SETUP` is set to `ON: AT ROLL EXCHANGE`. In this case, press and hold the ⏎ button for 3 seconds to release the paper lever. 3. Rewind the roll paper.

Cause	What to do
The paper is jammed	4. Open the front cover if the paper is jammed inside the printer. Caution: Be careful not to touch the cables around the print head; otherwise, the printer may be damaged. → See "Replacing the Cutter" on page 128. 5. Carefully pull down the jammed paper. Be careful not to touch the roller, ink absorption, and ink tubes inside the printer. 6. Close the front cover, and then turn the printer off and back on. To load the paper, see the following section. → "Using Roll Paper" on page 29 → "Using Cut Sheet Media" on page 35

Other troubles

Cause	What to do
Color ink runs out quickly even when printing in the Advanced B&W Photo mode or when printing black data.	**Color ink is consumed in print head cleaning.** When print head cleaning is performed, all nozzles are cleaned so that the ink for all colors is consumed. (Even when Advanced B&W Photo mode is selected, the ink for all colors is consumed during cleaning.) However, when you specify nozzles using CLEAN EACH COLOR in the Maintenance menu, you can save the inks when you perform cleaning. → See "Head cleaning" on page 134.
The printer driver is not the latest version.	**Please obtain the latest printer driver.** Normally the printer driver packaged with the printer can be used without any problems. However, when applications are upgraded, it may be necessary to upgrade the printer driver. In this case, access the Epson Web site to obtain the latest printer driver.
The paper is not cut cleanly.	**Replace the cutter.** If the paper is not cut cleanly or the cut edge is fuzzy, replace the cutter. → See "Replacing the Cutter" on page 128.
There are copies of the printer driver in Windows.	**Have you installed the same printer driver several times?** If you install the driver for this printer when the driver for the printer is already installed in Windows, icons labeled as copies appear in the **Printer** or **Printers or Faxes** folder (e.g., (EPSON Stylus Pro 11880 (Copy 2)), (EPSON Stylus Pro 11880 (Copy 3))) You may delete the copies and leave the icon of the original driver. If at least one icon remains for the printer in the printer folder, the printer driver itself is not deleted even if the other icons are deleted.

Where To Get Help

Technical Support Web Site

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your product documentation. If you have a Web browser and can connect to the Internet, access the site at:

http://support.epson.net/

If you need the latest drivers, FAQ's, manuals, or other downloadables, access the site at:

http://www.epson.com

Then, select the support section of your local Epson Web site.

Contacting Customer Support

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact customer support services for assistance. If customer support for your area is not listed below, contact the dealer where you purchased your product.

Customer support will be able to help you much more quickly if you give them the following information:

❏ Product serial number
  (The serial number label is usually on the back of the product.)

❏ Product model

❏ Product software version
  (Click **About**, **Version Info**, or similar button in the product software.)

❏ Brand and model of your computer

❏ Your computer operating system name and version

❏ Names and versions of the software applications you normally use with your product

Help for Users in North America

Epson provides the technical support services listed below.

Internet Support

Visit Epson's support Web site at http://support.epson.com and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Dial: (562) 276-1300 (U.S.), or (905) 709-9475 (Canada), 6 am to 6 pm, Pacific Time, Monday through Friday. Toll or long distance charges may apply.

Before you call Epson for support, please have the following information ready:

❏ Product name

❏ Product serial number

❏ Proof of purchase (such as a store receipt) and date of purchase

❏ Computer configuration

❏ Description of the problem

Note:
For help using any other software on your system, see the documentation for that software for technical support information.

Purchase Supplies and Accessories

You can purchase genuine Epson ink cartridges, ribbon cartridges, paper, and accessories from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at http://www.epsonstore.com (U.S. sales) or http://www.epson.ca (Canadian sales).

Help for Users in Europe

Check your **Pan-European Warranty Document** for information on how to contact EPSON Customer support.

Help for Users in Australia

Epson Australia wishes to provide you with a high level of customer service. In addition to your product documentation, we provide the following sources for obtaining information:

Your Dealer

Don't forget that your dealer can often help identify and resolve problems. The dealer should always be the first call for advise on problems; they can often solve problems quickly and easily as well as give advise on the next step to take.

Internet URL http://www.epson.com.au

Access the Epson Australia World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

Epson Helpdesk

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

The Helpdesk numbers are:

Phone: 1300 361 054

Fax: (02) 8899 3789

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product documentation, type of computer, operating system, application programs, and any information you feel is required.

Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

World Wide Web (http://www.epson.com.sg)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

Epson HelpDesk (Phone: (65) 6586 3111)

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

❏ Sales enquiries and product information

❏ Product usage questions or problem

❏ Enquiries on repair service and warranty

Help for Users in Thailand

Contact for information, support, and services are:

World Wide Web (http://www.epson.co.th)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

Epson Hotline (Phone: (66)2-670-0333)

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

❏ Sales enquiries and product information

❏ Product usage questions or problem

❏ Enquiries on repair service and warranty

Help for Users in Vietnam

Contacts for information, support, and services are:

Epson Hotline (Phone):	84-8-823-9239
Service Center:	80 Truong Dinh Street, District 1, Hochiminh City Vietnam

Help for Users in Indonesia

Contacts for information, support, and services are:

World Wide Web (http://www.epson.co.id)

❏ Information on product specifications, drivers for download

❏ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Hotline

❏ Sales enquiries and product information

❏ Technical support

Phone	(62) 21-572 4350
Fax	(62) 21-572 4357

Epson Service Center

Jakarta	Mangga Dua Mall 3rd floor No 3A/B Jl. Arteri Mangga Dua, Jakarta Phone/Fax: (62) 21-62301104
Bandung	Lippo Center 6th floor Jl. Gatot Subroto No.2 Bandung Phone/Fax: (62) 22-7303766
Surabaya	Hitech Mall lt IIB No. 12 Jl. Kusuma Bangsa 116 – 118 Surabaya Phone: (62) 31-5355035 Fax: (62)31-5477837
Yogyakarta	Hotel Natour Garuda Jl. Malioboro No. 60 Yogyakarta Phone: (62) 274-565478
Medan	Wisma HSBC 4th floor Jl. Diponegoro No. 11 Medan Phone/Fax: (62) 61-4516173
Makassar	MTC Karebosi Lt. III Kav. P7-8 Jl. Ahmad Yani No.49 Makassar Phone: (62)411-350147/411-350148

Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

Internet Home Page

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

❏ Product information

❏ Answers to Frequently Asked Questions (FAQs)

❏ Latest versions of Epson product drivers

Users can access our World Wide Web home page at:

http://www.epson.com.hk

Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

Phone:	(852) 2827-8911
Fax:	(852) 2827-4383

Help for Users in Malaysia

Contacts for information, support, and services are:

World Wide Web (http://www.epson.com.my)

❏ Information on product specifications, drivers for download

❏ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Trading (M) Sdn. Bhd.

Head Office.

Phone:	603-56288288
Fax:	603-56288388/399

Epson Helpdesk

❏ Sales enquiries and product information (Infoline)

Phone:	603-56288222

❏ Enquiries on repair services & warranty, product usage and technical support (Techline)

Phone:	603-56288333

Help for Users in India

Contacts for information, support, and services are:

World Wide Web (http://www.epson.co.in)

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

Epson India Head Office - Bangalore

Phone: 080-30515000

Fax: 30515005

Epson India Regional Offices:

Location	Telephone number	Fax number
Mumbai	022-28261515 /16/17	022-28257287
Delhi	011-30615000	011-30615005
Chennai	044-30277500	044-30277575
Kolkata	033-22831589 / 90	033-22831591
Hyderabad	040-66331738/ 39	040-66328633
Cochin	0484-2357950	0484-2357950
Coimbatore	0422-2380002	NA
Pune	020-30286000 /30286001 /30286002	020-30286000
Ahmedabad	079-26407176 / 77	079-26407347

Helpline

For Service, Product info or to order a cartridge - 18004250011 (9AM - 9PM) - This is a Toll-free number.

For Service (CDMA & Mobile Users) - 3900 1600 (9AM - 6PM) Prefix local STD code

Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone and fax numbers and e-mail address below:

Phone: (63) 2-813-6567

Fax: (63) 2-813-6545

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

World Wide Web (http://www.epson.com.ph)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

Epson Helpdesk (Phone: (63) 2-813-6567)

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

❏ Sales enquiries and product information

❏ Product usage questions or problems

❏ Enquiries on repair service and warranty

Product Information

System Requirements for the Printer Driver

Your computer should meet the following system requirements to use the printer driver:

System requirements

Windows

Operating system	Windows Vista x64, Vista, XP x64, XP, 2000
CPU	Pentium 4 3 GHz or higher processor
Memory	1 GB RAM or more
Hard disk space	32 GB or more free hard disk space
Interface	USB2.0 High Speed Ethernet 100BaseTX/1000BaseT
Display	SVGA (800 × 600) or higher resolution

Note:
- *For Windows 2000, you must log in as a user with administrator rights (a user belonging to the Administrators group).*
- *For Windows XP/Vista, you must log in as a user with an Administrator account. You cannot install the printer driver with a limited account. When you install the printer software in Windows Vista, the password may be required. If you are asked for the password, enter it and continue the operation.*

Mac OS X

Operating system	PowerPC-based Macintosh computers running Mac OS X 10.2.8 or later Intel-based Macintosh computers with Rosetta
CPU	PowerPC G5 2GHz or higher processor
Memory	1 GB or more available memory
Hard disk space	32 GB or more free disk space

Connection requirements

The connection requirements differ depending on the connection you use. See the Epson Web site for the latest supported operating system.

USB connection

Windows
The following conditions must be met:

- ❏ A computer that Windows Vista, XP, or 2000 is pre-installed, or Windows 2000, Me, or 98 is pre-installed and then upgraded to Windows Vista, XP, or 2000.

- ❏ A computer with a USB port that is guaranteed by the computer manufacturer. (Ask the computer manufacturer if necessary.)

Mac OS X
An operating system and the computer with a USB port that is guaranteed by Apple Inc.

Network connection

See the *Network Guide* for detailed information.

Printer Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Black: 360 nozzles × 4 (Photo Black, Matte Black, Light Black, Light Light Black)
	Color: 360 nozzles × 5 (Cyan, Vivid Magenta, Light Cyan, Vivid Light Magenta, Yellow)

Character mode	Character Pitch	Printing Column
	10 cpi*	637

* characters per inch

Raster graphic mode	Horizontal resolution	Printable width	Available dots
	360 dpi*	1635.5 mm (64.39")	23,180
	720 dpi	1635.5 mm (64.39")	46,360
	1440 dpi	1635.5 mm (64.39")	92,721
	2880 dpi	1635.5 mm (64.39")	185,443

* dots per inch

Resolution	Maximum 2880 × 1440 dpi
Print direction	Bidirectional
Control code	ESC/P Raster, ESC/P3
RAM	256 MB
Character tables	PC 437 (US, Standard Europe)
Character sets	EPSON Courier 10 cpi

Paper feed method	Friction
Paper path	Roll paper Cut sheet (manual insertion)

Dimensions	Width: 2,348 mm (92.44") Depth: 685 mm (26.97") Height: 1,190 mm (46.85")
Weight	Approx. 150.5 kg (331.1 lb) without the ink cartridges

Electrical

Rated voltage	AC 100-240 V
Input voltage range	AC 90 to 264 V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz
Rated current	1.2 to 0.6 A
Power consumption	Approx. 100 W Approx. 20 W in Low-power mode Approx. 1 W or below in Power off mode

Ink cartridges

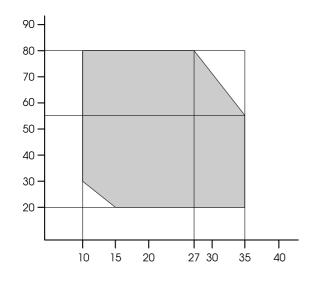| Colors	Photo Black	
	Matte Black	
	Light Black	
	Light Light Black	
	Cyan	
	Vivid Magenta	
	Yellow	
	Light Cyan	
	Vivid Light Magenta	
Cartridge life	2 years from production date if unopened.	
	Within 6 months after opening package.	
Temperature	Storage (uninstalled)	-20 to 40°C (-4 to 104°F)
		1 month at 40°C (104°F)
	Storage (installed)	-20 to 40°C (-4 to 104°F)
		1 month at 40°C (104°F)
Capacity	700 ml	
Dimensions	107 mm (W) × 320 mm (D) × 40 mm (H)	

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

❏ *Actual ink consumption may vary depending on the images that you are printing, the paper type that you are using, the frequency of your printings and environmental conditions such as temperature.*

❏ *To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates to replace the cartridge.*

❏ *Ink is consumed during the following operations: print head cleaning and ink charging when an ink cartridge is installed.*

❏ *To maintain print quality, we recommend printing a few pages on a regular basis.*

Environmental

Temperature	Operation	10 to 35°C (50 to 95°F)
	Print Quality Guarantee	15 to 25°C (59 to 77°F)
	Storage	-20 to 40°C (-4 to 104°F)
Humidity	Operation	20 to 80% RH*
	Print Quality Guarantee	40 to 60% RH*
	Storage	5 to 85% RH**

* Without condensation

** Stored in shipping container

Operational conditions (temperature and humidity):

Paper

Roll paper

Paper size	406 mm (16") to 1626 mm (64") (W) x 45 m (148ft) (L) when internal diameter is 2 inches
	406 mm (16") to 1626 mm (64") (W) x 202 m (662.7ft) (L) when internal diameter is 3 inches
Outer diameter	103 mm (4") maximum when 2/3 dual roll feed spindle is set as 2 inch roll paper spindle
	150 mm (6") maximum when 2/3 dual roll feed spindle is set as 3 inch roll paper spindle
Media types	Plain paper, special papers distributed by Epson
Thickness	0.08 to 0.5 mm
Weight	64 gf/m^2 to 260 gf/m^2

Cut sheet

Paper size	Width: 210 to 1118 mm (8.27 to 44")
	Length: 279.4 to 1580 mm (11 to 62.2") when not using the paper basket
	279.4 to 914.4 mm (11 to 36") when using the paper basket
	Standard size: A4/LTR to B0+
Media types	Plain paper, special papers distributed by Epson
Thickness	0.08 to 1.5 mm

Roll paper and cut sheet paper size

Series	Paper size
A series	A4 (210 × 297 mm)
	A3 (297 × 420 mm)
	Super A3/B (329 × 483 mm)
	A2 (420 × 594 mm)
	A1 (594 × 841 mm)
	Super A1 (24 × 36")
	A0 (841 × 1189 mm)
	Super A0 (914 × 1292 mm)

US-ANSI	Letter (8.5 × 11 inches)
	US B (11 × 17 inches)
	US C (17 × 22 inches)
	US D (22 × 34 inches)
	US E (34 × 44 inches)
US-ARCH	ARCH A (9 × 12 inches)
	ARCH B (12 × 18 inches)
	ARCH C (18 × 24 inches)
	ARCH D (24 × 36 inches)
	ARCH E (36 × 48 inches)
B series	B5 (182 × 257 mm)
	B4 (257 × 364 mm)
	B3 (364 × 515 mm)
	B2 (515 × 728 mm)
	B1 (728 × 1030 mm)
	B0 (1030 × 1456 mm)
	Super B0 (1118 × 1580 mm)
Photo size	8 × 10 inches, 203 × 254 mm
	10 × 12 inches, 254 × 305 mm
	11 × 14 inches, 279 × 356 mm
	12 × 12 inches, 305 × 305 mm
	16 × 20 inches, 406 × 508 mm
Others	24 × 30 inches, 610 × 762 mm
	30 × 40 inches, 762 × 1016 mm
	36 × 44 inches, 914 × 1118 mm
	50 × 64 inches, 1270 × 1626 mm
	60 × 75 inches, 1524 × 1905 mm
	64 × 80 inches, 1626 × 2032 mm
	30 × 40 cm
	40 × 60 cm
	60 × 90 cm

Note:
❏ *Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot attest to the quality of any non-Epson brand or type of paper. Always test samples of paper before purchasing large quantities or printing large jobs.*

❏ *Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper.*

❏ *When the paper is curled or folded, flatten them before loading.*

Standards and Approvals

Safety	UL 60950-1	
	CSA No. 60950-1	
	Low Voltage Directive 73/23/EEC	EN 60950-1
EMC	FCC part 15 subpart B class A	
	CAN/CSA-CEI/IEC CISPR 22 Class A	
	AS/NZS CISPR 22 Class A	
	EMC Directive 89/336/ECC	EN 55022 Class A
		EN 55024
		EN 61000-3-2
		EN 61000-3-3

⚠ *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.

Interface

Your printer is equipped with a USB interface and an Ethernet interface.

USB interface

The printer's built-in USB interface is based on the standards specified in the Universal Serial Bus Specifications Revision 2.0 and the Universal Serial Bus Device Class Definition for Printing Devices Version 1.1. This interface has the following characteristics.

Standard	Based on Universal Serial Bus Specifications Revision 2.0, Universal Serial Bus Device Class Definition for Printing Devices Version 1.1
Bit rate	480 Mbps (High Speed Mode) 12 Mbps (Full Speed Device)
Data encoding	NRZI
Adaptable connector	USB Series B

Note:
Only computer equipped with a USB connector and running Windows Vista, XP x 64, XP, 2000, or Mac OS X.10.x support the USB interface.

Ethernet interface

The printer has a built-in Ethernet interface. Use a 100BaseTX and 1000BaseT STP (shielded twisted-pair) cable via the RJ-45 connector to connect to a network.

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