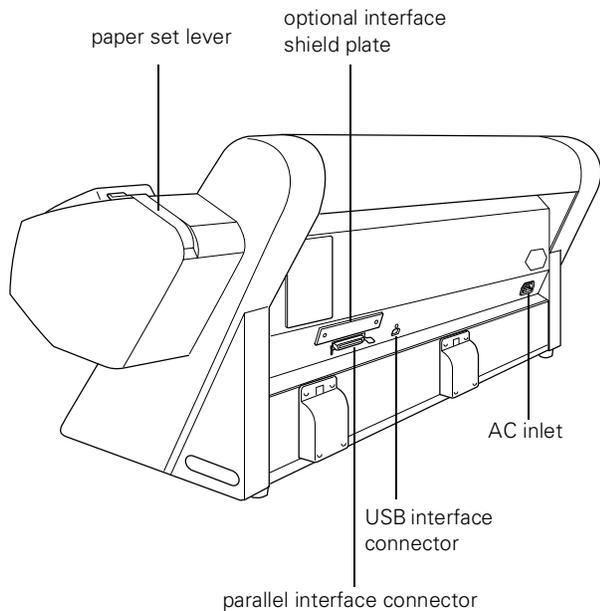


Note:
The stand is optional.



Note:
The parallel and USB interfaces cannot be connected at the same time.

Printer Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Black: 64 nozzles Color: 64 nozzles for each color: (cyan, magenta, yellow, light cyan, light magenta)
Resolution	Maximum 1440 dpi × 720 dpi
Maximum printable width	23.76 inches on 24-inch paper
Print direction	Bidirectional or unidirectional (user-selectable)
Control code	ESC/P® Raster
Line spacing	1/6 inch (default), programmable in 1/360-inch increments
Paper feed speed	200 ± 10 milliseconds per 1/6-inch line
RAM	10MB

Engine Reliability

Total print volume	20,000 A1 images, 30% coverage (or 5 years)
Print head life	Two billion dots per nozzle
Periodic maintenance	Waste ink system requires replacement after approximately 12,000 sheets under normal usage (parts and labor not covered under warranty)
Cutter blade life	Approximately 2000 A1 sheets (EPSON media up to 4.33 mil thick)

Electrical

Specification	120V Model	220–240V Model
Input voltage range	90 to 132V	198 to 264V
Rated frequency range	50 to 60 Hz	
Input frequency range	49 to 61 Hz	
Rated current	1.0A	0.5A
Power consumption	Approx. 100W (ISO/IEC 10561 Letter Pattern) 15W or less in standby mode	

Paper

Cut sheet paper specifications

Size	Dimensions in inches	Dimensions in millimeters	Thickness
Super A1	24 × 36	610 × 914	3.15 to 19.7 mil (0.08 to 0.5 mm)
US D	22 × 34	559 × 864	
A1	23.4 × 33	594 × 841	
B2	20.25 × 28.75	515 × 728	3.15 to 59 mil (0.08 to 1.5 mm)
A2	16.5 × 23.4	420 × 594	
Super A3/B*	13 × 19	329 × 483	
US C	17 × 22	432 × 559	
B3	14.3 × 20.25	364 × 515	
US B (ledger)*	11 × 17	279 × 432	
A3*	11.7 × 16.5	297 × 420	
B4*	9.8 × 13.9	250 × 353	
A4*	8.27 × 11.7	210 × 297	
Letter*	8.5 × 11	216 × 279	
B5*	6.9 × 9.8	176 × 250	

*Supports auto-loading, short edge first

Roll paper specifications

	Maximum roll diameter	Width	Thickness
With standard 2-inch spindle or optional 3-inch spindle	5.90 in. (150 mm)	8.27 to 24 in. (210 to 610 mm)	3.15 to 19.7 mil (0.08 to 0.5 mm)

Notes:

- Poor quality paper may reduce print quality and cause paper jams and other problems. If you encounter problems, switch to a higher grade of paper.
- Do not use curled, folded, or deckle-edge paper.
- Depending on the media, best feed and print quality are guaranteed on EPSON paper with thicknesses of 3.15 to 4.33 mil (0.08 to 0.11 mm), 64 to 90 gsm.
- For best results, use paper under the following conditions:
 Temperature: 59 to 77 °F (15 to 25 °C)
 Humidity: 40 to 60% RH

Safety Approvals

Safety standards UL 1950, CSA C22.2 No. 950

EMC FCC part 15 subpart B class B
 CSA C108.8 class B

Mechanical

Paper feed	Friction feed (roll and cut sheet)
Paper path	Roll paper or cut sheets with manual insertion
Dimensions	Width: 43.31 inches (1100 mm) Depth: 22.52 inches (572 mm) Height: 22.05 inches (560 mm)
Weight	95.8 lb (43.5 kg) without ink cartridges or 18 lb stand

Environmental

Temperature	Operation: 50 to 95 °F (10 to 35 °C)
	Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
	Transit: -4 to 140 °F (-20 to 60 °C), stored in shipping container 120 hours at 140 °F (60 °C)
Humidity (without condensation)	Operation: 20 to 80% RH
	Storage: 20 to 85% RH
	Transit: 5 to 85% RH (stored in shipping container)

Ink Cartridges

Print yield	Approximately 28 pages/A1 (720 dpi, 40% duty) Approximately 3,800 pages/A4 (360 dpi, 5% duty); print yield may vary, depending on how often you run cleaning cycles and how much you use the printer; yield of the initial cartridge set is reduced because of ink charging
Cartridge life:	
<i>EPSON Stylus Pro 7000 ink</i>	2 years from production date
<i>EPSON Stylus Pro 7500 ink</i>	Within 6 months after opening package, at 77 °F (25 °C)
Temperature:	
<i>Storage (uninstalled)</i>	-22 to 104 °F (-30 to 40 °C) 1 month at 104 °F (40 °C)
<i>Storage (installed)</i>	-4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
<i>Transit</i>	-22 to 140 °F (-30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)
<i>Freezing</i>	14 °F (-10 °C) ink thaws and is usable after at least 3 hours at 77 °F (25 °C)
Dimensions	Width: 0.99 inches (25.1 mm) Depth: 5.6 inches (141.1 mm) Height: 4.15 inches (105.3 mm)
Weight	Approximately 0.44 lb (200 g)
Capacity	3.7 oz (110 ml)

Interfaces

Parallel interface

The built-in parallel interface supports compatibility and ECP modes.

Compatibility mode

Forward channel

Data format	8-bit parallel, IEEE-1284 compatibility mode
Synchronization	$\overline{\text{STROBE}}$ pulse
Handshake timing	BUSY and $\overline{\text{ACKNLG}}$ signals
Signal level	TTL compatible
Connector	57-30360 Amphenol connector or equivalent

Reverse channel

Transmission mode	IEEE-1284 Nibble mode
Adaptable connector	57-30360 Amphenol connector or equivalent
Synchronization	Refer to the IEEE-1284 specification
Handshaking	Refer to the IEEE-1284 specification
Signal level	IEEE-1284 Level 1 device
Data transmission timing	Refer to the IEEE-1284 specification

EPSON Stylus Pro 7000 series

ECP mode

Transmission mode	IEEE-1284 ECP mode
Adaptable connector	57-30360 Amphenol connector or equivalent
Synchronization	Refer to the IEEE-1284 specification
Handshaking	Refer to the IEEE-1284 specification
Signal level	IEEE-1284 Level 1 device
Data transmission timing	Refer to the IEEE-1284 specification

USB interface

Standard	Based on Universal Serial Bus Specifications Revision 1.0, Universal Serial Bus Device Class Definition for Printing Devices Version 1.0
Bit rate	12 Mbps (full speed device)
Data encoding	NRZI
Adaptable connector	USB Series B
Recommended cable length	6 feet (2 meters)
Parallel interface mode setting	Compatible (on Printer Setting menu)

Supported Connections

Connection	Win 95	Win 98	Win NT	Win 2000	Mac	Standard/optional
Parallel	X	X	X	X		standard
USB		X*		X	X	standard
Ethernet	X	X	X	X	X	optional
FireWire				X	X	optional

* Supported on pre-installed operating systems, not upgraded from earlier versions of Windows.

Drivers

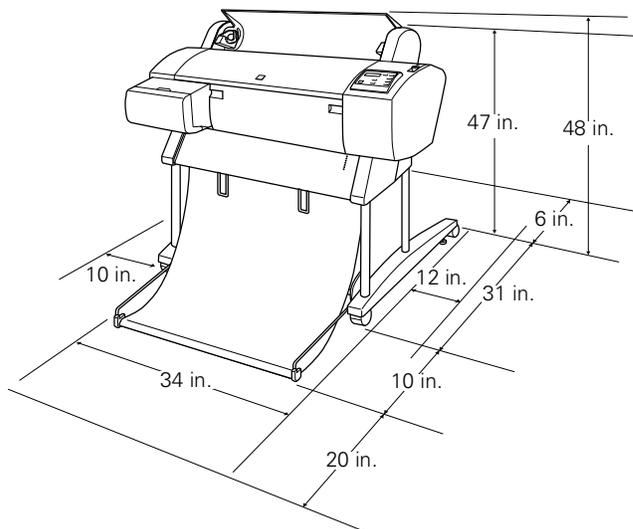
Macintosh® System 8.5.1 or later, Windows® 95, Windows 98, Windows 2000, and Windows NT 4.0. Raster drivers are standard. For Adobe® PostScript® support, use the optional EPSON RS-5100 Fiery® X2 Printing System or a third-party software solution.

Delivery and Installation

Package size for delivery (not including optional stand):

width:	51.2 inches
depth:	30.5 inches
height:	27.8 inches
weight:	132 lb

Make sure you allow adequate space for easy operation, maintenance, and ventilation, as shown in the following illustration:



Consumables and Accessories

Ink Cartridges

Use these EPSON 110 ml ink cartridges before the expiration date on the package.

EPSON Stylus Pro 7000 graphic arts (dye-based) ink

Cartridge	Part number
Black ink cartridge	T460011
Cyan ink cartridge	T463011
Light cyan ink cartridge	T465011
Magenta ink cartridge	T462011
Light magenta ink cartridge	T464011
Yellow ink cartridge	T461011

EPSON Stylus Pro 7500 Archival (pigment) ink

Cartridge	Part number
Black ink cartridge	T480011
Cyan ink cartridge	T483011
Light cyan ink cartridge	T485011
Magenta ink cartridge	T482011
Light magenta ink cartridge	T484011
Yellow ink cartridge	T481011

EPSON Paper and Other Media

EPSON Stylus Pro 7000 media

Paper type	24-inch roll	Sheet sizes
Presentation Matte Paper	S041295	—
Glossy Paper Heavyweight	S041291	—
Semigloss Paper Heavyweight	S041292	—
Photo Glossy Paper	SP91021	—
Photo Semigloss Paper	SP91022	—
Backlight Film	SP91023	—
Posterboard Semigloss	—	20.25 × 28.75" S041237
DuPont/EPSON Publication Proofing Paper	S041320	13 × 19" (A3+) S041207, S041205
DuPont/EPSON Commercial Proofing Paper	S041296	13 × 19" (A3+) S041160
DuPont/EPSON Commercial Matte Proofing Paper	S041319	13 × 19" (A3+) S041201, S041203
Premium Luster Photo Paper	*	—

* Not available at time of publication. Check the EPSON web site (<http://prographics.epson.com>) for product code and availability. Some media may not be available in your location.

You can also use EPSON Photo Quality Ink Jet Paper, Photo Paper, and Photo Quality Glossy Film in the EPSON Stylus Pro 7000 printer.

EPSON Stylus Pro 7500 media

Paper type	24-inch roll	Sheet sizes
Doubleweight Matte Paper	S041385	—
Glossy Paper Photo Weight	S041388 (22-inch roll)	—
Premium Semigloss Photo Paper	—	13 × 19" S041327
Smooth Fine Art Paper	S041431	24 × 30" S041434
Backlight Film for Archival Ink	*	—
Synthetic Paper	S041399	—
Adhesive Synthetic Paper	S041402	—
Photo Glossy Paper	SP91021	—
Photo Semigloss Paper	SP91022	—
Adhesive Vinyl	S041436	—
Canvas	*	—
Premium Luster Photo Paper	*	—
Semimatte Paper Photo Weight	*	—
Posterboard for Archival Ink	—	20.25 × 28.75" *
Textured Fine Art Paper	S041447	24 × 30" S041450
Translight	*	—
Tyvek™	*	—
Scrim Vinyl	*	—

* Not available at time of publication. Check the EPSON web site (<http://prographics.epson.com>) for product code and availability. Some media may not be available in your area.

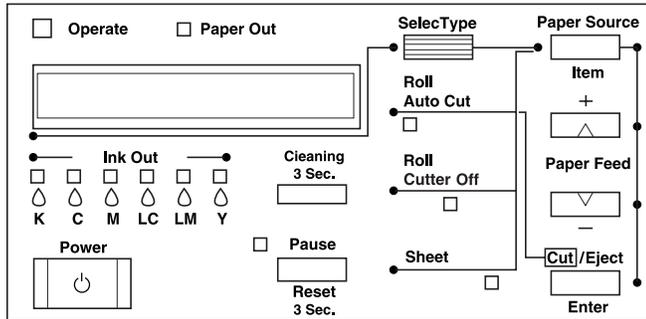
Note:

Both Smooth and Textured Fine Art Paper require the 3-inch high tension spindle (C811103). Both Synthetic Paper and Adhesive Synthetic Paper require the 2-inch high tension spindle (C811093).

Options

Option	Product Code
EPSON RS-5100 Fiery X2 Printing System	
EPSON Stylus Pro 7000	C850122
EPSON Stylus Pro 7500	C850152
Roll paper spindle—2 inch	C811091
Roll paper spindle—3 inch	C811101
High tension spindle—2 inch	C811093
High tension spindle—3 inch	C811103
Replacement cutter blade	C815131
Printer stand	C844021
EpsonNet Internal Print Server (multiprotocol 10/100 Base-TX Ethernet Card)	C823632A
EPSON FireWire® Interface Card	C823722
Printer only service plan—1 year	EPP70B1
Printer only service plan—2 years	EPP70B2
Printer and EPSON RS-5100 service plan—1 year	EPP70S1
Printer and EPSON RS-5100 service plan—2 years	EPP70S2

Control Panel



Control Panel Buttons and Functions

Button	Function
Power	Turns the printer on and off.
Cleaning	Runs print head cleaning when pressed for 3 seconds.
Pause (Reset 3 Sec.)	Stops printing temporarily. Press a second time to resume printing. Clears print data in the printer memory if pressed and held for three seconds. Returns the printer to READY status, when pressed in SelecType mode.
SelecType	Causes the printer to enter SelecType mode when pressed in READY status. In SelecType mode, this button can be used to select a desired menu.
Paper Source (Item)	Selects the paper source: Roll Auto Cut , Roll Cutter Off , or Sheet . If you press this button during the ink drying process, you will need to press Enter to make your setting. In SelecType mode, this button can be used to select an item in a menu.
Paper Feed ▲ (+)	Feeds paper in reverse. In SelecType mode, a desired parameter can be selected for the item (forward order).
Paper Feed ▼ (-)	Feeds paper forward. In SelecType mode, a desired parameter can be selected for the item (reverse order).
Cut/Eject (Enter)	Ejects the cut sheet when the Sheet light is on. Feeds the roll paper before cutting it when the Roll Auto Cut light is on. Feeds the roll paper a small amount when the Roll Cutter Off light is on. Feeds the roll paper and then prints a page line below the document when the Roll Cutter Off light and Print Page Line option are on. In SelecType mode, sets the selected parameter for an item as the default value.

Control Panel Lights and Messages

Normal printer operation

Message/Light	Explanation
READY/ Operate light on	Printer is ready to print.
PRINTING/ Operate light flashing	Printer is receiving data.
INK DRY <number> MIN/ Pause light flashing	Printer is paused to let ink dry. Wait for the number of minutes shown.
INK CHARGING <number> %/ Operate and Pause lights flashing	Printer is charging the ink delivery system. Do not interrupt this process.
TRANSPORT PREP <number> %/ Operate light flashing	Printer is draining the ink lines to prepare for transportation.
RESET/ all lights flash briefly	Printer is resetting.
PRESS PAUSE BUTTON/ Pause light on	Press the Pause button to continue.
WAIT/ Pause light on or flashing	Printer is warming up, initializing, or charging ink.
PAUSE/ Pause light on	Printer is paused. To resume printing, press the Pause button.

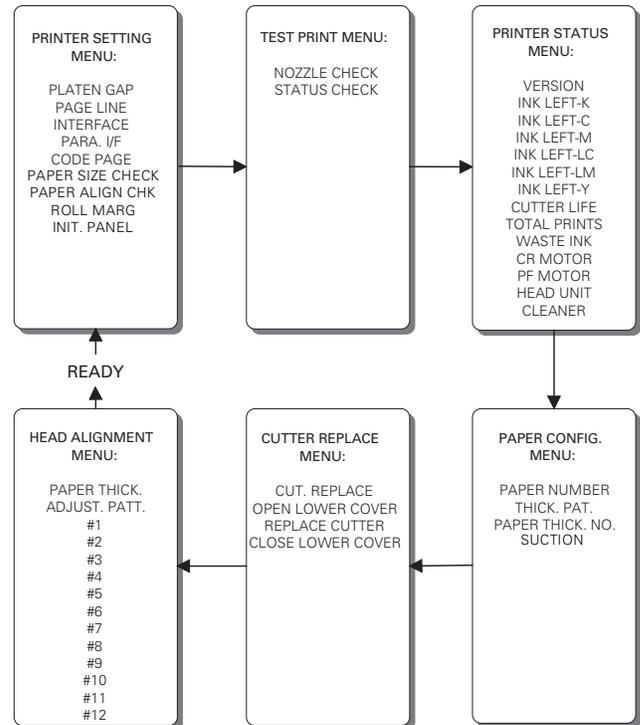
Error conditions

Message/Light	Explanation	Response
COVER OPEN/ Pause light on	Lower cover is open.	Close the lower cover.
INK LOW/ Ink Out light(s) flashing	Ink cartridge(s) are nearly empty (printing continues).	Replace ink cartridge(s) indicated by Ink Out light(s). See page 8.
INK OUT/ Ink Out light(s) on	Ink cartridge(s) are empty (printing stops).	Replace ink cartridge(s) indicated by Ink Out light(s). See page 8.
LOAD PAPER/ Paper Out light on	Paper set lever is down while loading paper.	Pull the paper set lever up after you load the paper.
LOAD ROLL PAPER/ LOAD SHEET PAPER/ Paper Out light on	Paper source setting in print options is different from control panel.	Make sure the right paper is loaded and the paper source setting is the same on the control panel and print options.
MAINTENANCE REQ. <error number>	A printer part will need to be replaced soon.	Note the error number and contact EPSON.
MAINTENANCE REQ. 0100	The waste ink system is almost full.	Contact EPSON to schedule service.
NO INK CARTRIDGE/ Ink Out light(s) on	Ink cartridge(s) not installed.	Install ink cartridges as indicated by the lights. See page 8.
OPTION I/F ERROR	Wrong interface card installed.	Turn off the printer and remove the card.
PAPER JAM/ Paper Out light flashing	Paper has jammed in the printer.	Remove the jammed paper.
PAPER NOT CUT/ Paper Out light flashing	Roll paper was not cut completely.	Cut the paper manually, then remove the cut paper from the printer. Reload paper.
	Cut paper did not fall off.	Remove the cut paper from the printer. Reload paper.

Message/Light	Explanation	Response
PAPER NOT STRAIGHT/ Paper Out light flashing	Paper slipped and fed into the printer at an angle.	Reload paper, making sure the edges are straight and aligned with both rows of holes.
PAPER OUT/ Paper Out light on	No paper is loaded.	Load paper.
	Paper ran out.	Remove any printouts or paper remaining in the printer and load more paper. If the message appears during a print job, reset the printer by pressing the Pause button for 3 seconds. Then load paper and resend the job.
RELOAD PAPER/ Paper Out light on	Paper could not be reversed into the printing position.	Remove the paper. Reload it so that the right and bottom edges are straight and aligned with both rows of holes.
	Image is too wide for the paper loaded in the printer.	Resize your image or load wider paper.
	Paper is not fully ejected.	Cut the paper at the paper insertion slot, then reload paper.
	PAPER NOT CUT error was cleared.	Reload paper.
REMOVE PAPER/ Paper Out light on	Paper is too thick for print head cleaning.	Push the paper set lever down to remove the paper. Print head cleaning automatically starts. After cleaning, reload paper.
SECURE PAPER LEVER/Paper Out light on	Paper set lever was released.	Pull the paper set lever all the way up. Restart print job for best results.
SERVICE REQ. <error number>/ All lights flashing	An error has occurred.	Note the error number, and turn the printer off and then on. If the message remains, contact EPSON.
SERVICE REQ. 00000100/ All lights flashing	The waste ink system is full.	Contact EPSON for service.
TURN PWR OFF AND ON	This message appears after you clear a paper jam.	Turn the printer off and then on again.
UNABLE TO PRINT	You tried to print a test pattern while an error condition was present.	After 3 seconds, the message disappears. Press the Pause button to exit SelecType mode. If the message appears again, clear the error before you print.

SelectType Menu Map

The following illustration shows the SelecType™ menus, along with the settings available for each one.



Printing a Status Check

The status check shows the current default settings, amount of ink remaining in each cartridge, page count, and the status of various printer parts.

Follow these steps to print the status check:

1. Load a sheet of paper in the printer. (You can print test pages on roll paper, but you will use more paper.)
2. Press the **SelectType** button on the control panel. Press it repeatedly until you see **TEST PRINT MENU** on the display.
3. Press the **Item** button until you see **STATUS CHECK=PRINT** on the display.

- Press the **Enter** button. The status check prints. The amount of ink left or component life is indicated as follows:

E*****F = full (or full life remaining)
 E**** F = 3/4 full (or 3/4 life remaining)
 E*** F = 1/2 full (or 1/2 life remaining)
 E** F = 1/4 full (or 1/4 life remaining)
 E* F = nearly empty (or service life near end)
 E F = empty (or service life ended)

- Press the **SelecType** button to exit the Test Print menu.

Checking Ink Levels and Component Life

You can view printer status information on the control panel display without printing a status check. Follow these steps:

- Press the **SelecType** button on the control panel. Press it several times until you see **PRINTER STATUS MENU** on the display.
- Press the **Item** button. You see **VERSION <number>** on the display. This indicates the firmware version installed in your printer.
- Continue pressing the **Item** button to display the amount remaining for each of the 6 inks or service life remaining for a number of printer parts. The indicators read as follows:

E*****F = full (or full life remaining)
 E**** F = 3/4 full (or 3/4 life remaining)
 E*** F = 1/2 full (or 1/2 life remaining)
 E** F = 1/4 full (or 1/4 life remaining)
 E* F = nearly empty (or service life near end)
 <nn>% F = less than 10% of ink or service life remaining

Following is a list of the items displayed. Note that all parts on the list (except the ink cartridges and paper cutter) need to be replaced by an authorized EPSON service center.

INK LEFT-K (black)	TOTAL PRINTS
INK LEFT-C (cyan)	WASTE INK (waste ink system)
INK LEFT-M (magenta)	CR MOTOR (carriage motor)
INK LEFT-LC (light cyan)	PF MOTOR (paper feed motor)
INK LEFT-LM (light magenta)	HEAD UNIT (print head)
INK LEFT-Y (yellow)	CLEANER (cleaning unit)
CUTTER LIFE (paper cutter)	

- Press the **SelecType** button to exit the Printer Status menu.

Replacing an Ink Cartridge

When one of the Ink Out lights is flashing (and INK LOW is displayed on the control panel), the corresponding cartridge is almost out of ink. Make sure you have a replacement cartridge. When the light stays on and INK OUT is displayed, the cartridge is empty. You must replace the cartridge before you can continue printing.

Caution:

For best results, use genuine EPSON cartridges and do not refill them. Damage to your printer attributable to the use of other consumables is not covered by EPSON's warranty. Color accuracy may vary considerably if you use non-EPSON inks.

Use only the following 110 ml EPSON ink cartridges:

EPSON Stylus Pro 7000 graphic arts (dye-based) ink

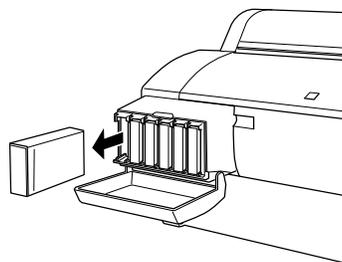
- | | |
|--|---|
| <input type="checkbox"/> Black: T460011 | <input type="checkbox"/> Magenta: T462011 |
| <input type="checkbox"/> Cyan: T463011 | <input type="checkbox"/> Light Magenta: T464011 |
| <input type="checkbox"/> Light Cyan: T465011 | <input type="checkbox"/> Yellow: T461011 |

EPSON Stylus Pro 7500 Archival (pigment) ink

- | | |
|--|---|
| <input type="checkbox"/> Black: T480011 | <input type="checkbox"/> Magenta: T482011 |
| <input type="checkbox"/> Cyan: T483011 | <input type="checkbox"/> Light Magenta: T484011 |
| <input type="checkbox"/> Light Cyan: T485011 | <input type="checkbox"/> Yellow: T481011 |

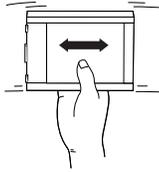
Before you start, make sure the printer is turned on. Then follow these steps to replace an ink cartridge:

- Note the color of the Ink Out light that is on or flashing. This is the cartridge that you need to replace.
- Open the ink compartment cover.
- Locate the slot containing the empty ink cartridge (corresponding to the Ink Out light). Carefully pull the empty cartridge straight out of the printer.

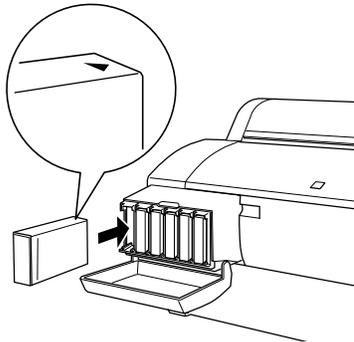


- Make sure the replacement cartridge is the correct color, and remove it from its package.

If you're using pigment ink (EPSON Stylus Pro 7500), shake the cartridge gently before installing it.



5. Hold the ink cartridge with the arrow mark face up and pointing to the rear of the printer. Then insert the ink cartridge into the slot until the corresponding Ink Out light goes off.



6. Close the ink compartment cover.

Running a Nozzle Check

The nozzle check prints a pattern of dots that lets you see if any print head nozzles are clogged. If any dots are missing, you can run a cleaning cycle to clear the nozzles.

Follow these steps to print the nozzle check:

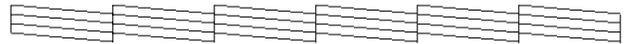
1. Load a sheet of paper in the printer. (You can print the nozzle check on roll paper, but you will use more paper.)
2. To run the nozzle check from a Macintosh, click the utility button on the Print or Page Setup dialog box. Then click the Nozzle Check button and follow the instructions on the screen.

To run the nozzle check from Windows, access the Main Printer Properties dialog box and click the Utility tab. Then click the Nozzle Check button and follow the instructions on the screen.

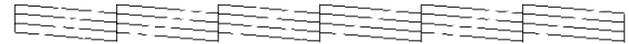
To run the nozzle check from the printer's control panel, press the **SelecType** button repeatedly until you see **TEST PRINT MENU** on the display.

- Press the **Item** button. You see **NOZZLE CHECK=PRINT** on the display.
- Press the **Enter** button to print the nozzle check.

3. Examine the nozzle check pattern. It should look something like this:



Each line should be complete, with no gaps in the dot pattern. If dots are missing, as shown below, you need to run a cleaning cycle. See the following section for instructions.



Note:

The Ink Pad number under the nozzle check pattern indicates the remaining percentage of the waste ink system. You will need to contact your authorized EPSON service when this number is low. The printer will stop and display an error message when the system needs to be replaced.

Running a Cleaning Cycle

If your printed image is unexpectedly light or faint or dots are missing from the image, you may need to run a cleaning cycle. This unclogs the nozzles so they can deliver ink properly.

You can run a cleaning cycle either from the printer's control panel or from a computer with the EPSON utilities.

The cleaning process uses ink, so you should run it only if print quality declines. Always run a nozzle check first to confirm that the print head needs cleaning; the nozzle check uses only a small amount of ink.

Follow these steps to run a cleaning cycle:

1. Make sure none of the Ink Out lights is on or flashing. (If so, you need to replace the indicated ink cartridge before you can run a cleaning cycle.)
2. To run the cleaning cycle from a Macintosh, click the utility button on the Print or Page Setup dialog box. Then click the **Head Cleaning** button and follow the instructions on the screen.

To run the cleaning cycle from Windows, access the Main Printer Properties dialog box and click the Utility tab. Then click the **Head Cleaning** button and follow the instructions on the screen.

To run the cleaning cycle from the printer's control panel, press the **Cleaning** button and hold it for at least 3 seconds. The **Pause** light flashes as the printer cleans its print head. The cleaning cycle takes about three minutes.

Caution:

To avoid damaging the printer, don't turn it off until the cleaning cycle is finished and the **Pause** light has stopped flashing.

- When the **Pause** light goes off, print a document or run a nozzle check to confirm that the head is clean.

You may need to run the cleaning cycle several times to get a clean nozzle check pattern. If the lines on the pattern still appear broken after several cleaning cycles, contact EPSON for assistance.

Always run a test print or nozzle check between cleaning cycles. Otherwise, cleaning will not be effective.

Aligning the Print Head

If banding appears on your printouts, or vertical lines are not straight, you need to align the print head. You can use the Print Head Alignment utility if you have the EPSON printer driver installed. If not, you can align the print head using the control panel. Both procedures align the head for all modes and resolutions.

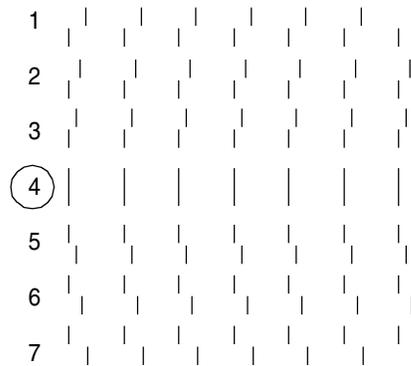
For best results, use 24-inch EPSON roll paper.

- On the EPSON Stylus Pro 7000, the process takes about 15 minutes to print 12 patterns of 7 rows. Each row extends across the width of the page.
- On the EPSON Stylus Pro 7500, the process takes about 7 minutes to print 6 patterns of 15 lines or boxes. The patterns are repeated across the width of the page.

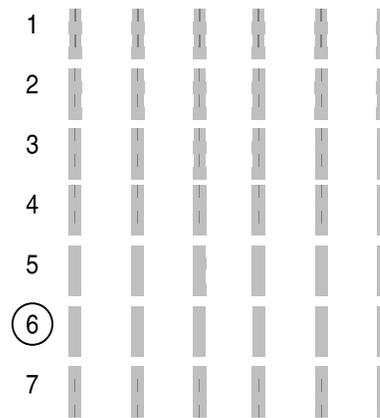
Running the Print Head Alignment Utility

- Load roll paper in the printer.
- Macintosh: click the utility button in the Print or Page Setup dialog box.
Windows: access the Main Printer Properties dialog box and click the Utility tab.
- Click the Print Head Alignment button.
- Follow the messages on your screen. The head alignment patterns are printed.
- After all the patterns have printed, do one of the following:
For the EPSON Stylus Pro 7000, choose the row number that has the smallest gap in each pattern. In the first example shown, row 4 has the smallest gaps. In the second example, row 6 has the smallest gaps.

EPSON Stylus Pro 7000 Alignment Patterns



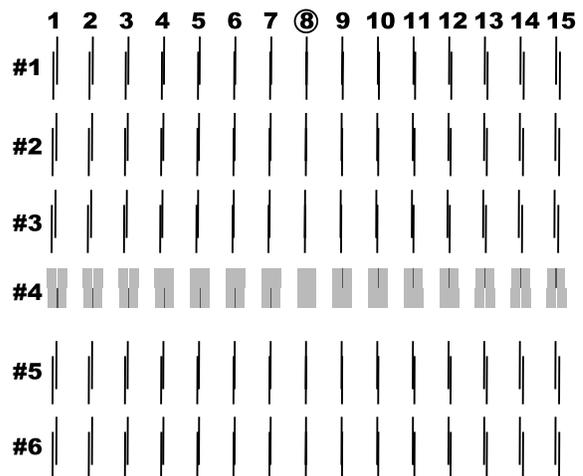
patterns #1–5, #7, and #9–12



patterns #6 and #8, which print in color

For the EPSON Stylus Pro 7500, choose the line or box number that has the smallest gaps. In the example below, line 8 has the smallest gaps in each pattern.

EPSON Stylus Pro 7500 Alignment Patterns



6. Select the row you chose in step 5 for each pattern (for example line 8), then click **Finish**.

If you can't make a consistent choice for the patterns as you look across the width of the paper, choose the average or most frequent number. Then click the **Realignment** button and repeat from step 5.

Aligning the Print Head from the Control Panel

If you don't have the EPSON printer driver installed, you can align the print head using the control panel.

- First you print a series of alignment or adjustment patterns.
- Then you determine which numbered row of patterns (EPSON Stylus Pro 7000) or numbered line or box (EPSON Stylus Pro 7500) has the best vertical alignment (smallest gaps). You enter the information on the control panel to change the print head alignment.

1. Load roll paper in the printer.
2. Press the **SelecType** button until **HEAD ALIGNMENT MENU** is displayed.
3. Press the **Item** button. **PAPER THICK=STD** appears on the display.

If you're using EPSON paper, leave this setting on **STD**.

If you're using other media, enter the thickness value of the paper in 0.1 mm increments by pressing the + or – button.

4. Press the **Enter** button to save the setting. **ADJUST.PATT.=ALL** appears on the display.
5. Press the **Enter** button to print the full series of alignment patterns. Each pattern consists of 7 numbered rows (EPSON Stylus Pro 7000) or a series of 15 numbered lines or boxes (EPSON Stylus Pro 7500).

If you want to print a single alignment pattern, press the + or – button until the pattern number appears. Then press the **Enter** button.

After you have printed all the patterns, you need to check them carefully to determine which row in each set (or numbered line or box in each row) has the smallest gaps. Refer to the examples on page 10 and continue with the following steps to complete the alignment procedure.

6. Do one of the following:
 - For the EPSON Stylus Pro 7000, examine pattern #1 (or the pattern you printed) and determine which row of lines has the smallest gaps.
 - For the EPSON Stylus Pro 7500, examine row #1 (or the row you printed) and determine which line or box number has the smallest gaps.

7. Check the control panel display.
 - For the EPSON Stylus Pro 7000, it shows **#1 = 4**, indicating that row 4 is selected for pattern #1.
 - For the EPSON Stylus Pro 7500, it shows **#1 = 8**, indicating that line 8 is selected for row #1.

8. Use the + or – button to select the best aligned row for pattern #1. Then press the **Enter** button to register the setting.

9. Repeat steps 6 to 8 for each pattern or row you printed.

If you can't make a consistent choice as you look across the width of the paper, choose the average or most frequent number, then print the pattern again. Press **Enter** to cycle through the patterns until you reach the one you want to repeat.

After you have registered all the patterns, press the **Pause** button to exit print head alignment mode and return to normal printer operation.

Transporting the Printer

When you need to ship your printer, you should repack it using the original box and packing materials. Follow these steps to drain the ink and prepare the printer for transport:

Caution:

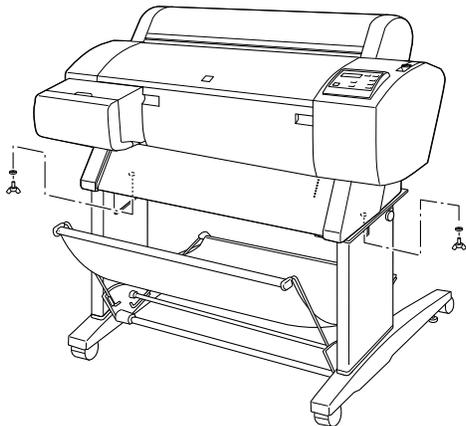
To avoid spilling ink inside the printer during transportation, make sure you remove the cartridges and follow these instructions for draining the ink lines.

1. Make sure the printer is turned on. Then remove all the ink cartridges.
2. Make sure the paper set lever is in the secured position and the lower cover is closed. Then press the **Power** button to turn off the printer.

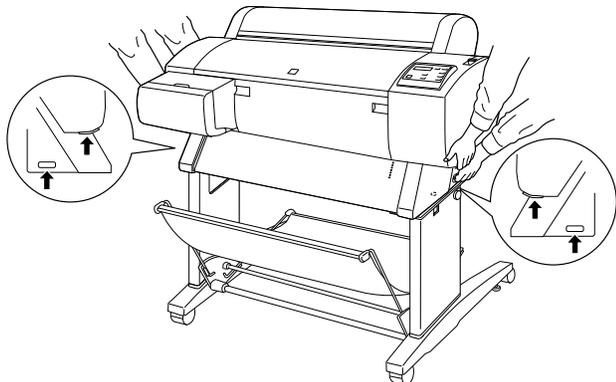
The print head moves to the home (far right) position. **TRANSPORT PREP <number> %** appears on the display and the **Operate** light flashes for a few minutes while the ink is drained. Then the light goes off and the printer shuts down.

3. Remove the power cord, interface cable, roll paper spindle, and all paper or other media.
4. Push in the paper guides if necessary.
5. Install the carriage shipping restraint (packaging material).

6. If you're using the stand, remove the wing screws and washers from the left and right sides, and keep them in a safe place.



7. Have two or more people lift the printer off the stand, using the hand grips.



Warning:

The printer weighs approximately 96 lb (43.5 kg). Always have two or more people lift it, using the hand grip areas.

8. Keep the printer level while you move it.

Setting Up the Printer After Transporting It

Setting up the printer after transporting it is almost identical to setting it up for the first time. Whenever you set up the printer, see the *Assembly and Setup Instructions*, and note the following:

EPSON recommends installing new cartridges after transporting the printer. Because of the ink charging process, you will not be able to save ink by reinstalling used cartridges.

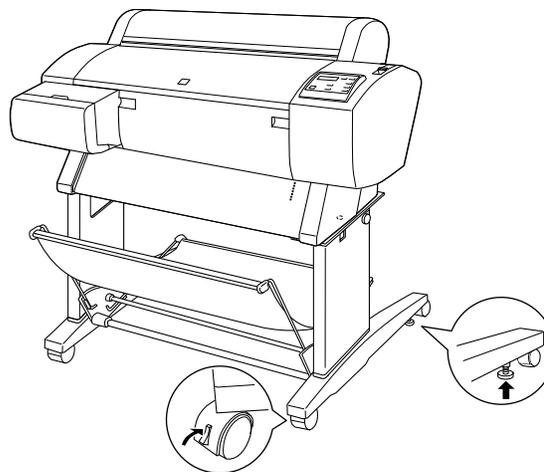
Moving the Printer on the Stand

When you want to transport the printer a short distance, such as within the same building or facility, you can roll the printer on its casters.

Caution:

Do not roll the printer on angled or uneven surfaces.

1. Make sure that the power cord, interface cable, roll paper spindles and sheet media are removed, and the roll paper cover and lower cover are closed. You don't need to remove the ink cartridges.
2. Release the front casters and retract the stabilizer knobs.



3. Carefully roll the printer to its new location. Relock the casters and extend the stabilizer knobs after moving.

After you move the printer, you may need to run a cleaning cycle and realign the print head to maintain print quality.

Related Documentation

CPD-10836	EPSON Stylus Pro 7000 series Printer Guide
CPD-10837	EPSON Stylus Pro 7000 series Quick Reference Guide
4011817	EPSON Stylus Pro 7000 Assembly and Setup Instructions
4012672	EPSON Stylus Pro 7500 Assembly and Setup Instructions