EPSON Stylus® Photo 890/1280

Printer Basics

Printed on recycled paper

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Welcome!

Your EPSON Stylus® Photo printer delivers state-of-the-art print quality for both professional and home office users. With resolutions up to 2880 × 720 dpi, it's the ideal output device for everything from exhibition prints to family photos. You can print edge-to-edge, borderless prints on a variety of roll paper sizes, or on single sheets of special EPSON photo papers available in popular print sizes.

About Your Software

The printer software CD-ROM that came with your printer includes all the software you need for printing. (You must have a CD-ROM or DVD drive installed on your computer.)





- Your printer driver runs your printer and lets you control how your documents look. You can't use your printer without it.
- Your electronic *Reference Guide* gives you complete information about your printer. (You need an HTML browser—such as Microsoft® Internet Explorer or Netscape® Navigator,® version 3.0 or later—to view the guide.)



It's a good idea to check EPSON's support web site periodically for possible updates to your printer driver. Visit http://support.epson.com and check the section for your product to see if there is a new driver available, free of charge, for downloading to your computer. Download instructions are posted for your convenience.

■ Your bonus photo software:

EPSON Stylus Photo 890

ArcSoft™ PhotoImpression™
An easy-to-use photo editing program that lets users edit, enhance, retouch, or add special effects to any image with just a couple clicks.

ArcSoft PhotoStudio®
This easy but sophisticated photo editing program is for business users and photo enthusiasts alike. PhotoStudio comes with a complete set of photo enhancement and retouching tools.

QBeo™ PhotoGenetics™
Lets casual computer users improve digital photos dramatically in a matter of seconds.

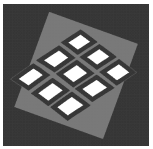
EPSON Software™ Film Factory™ (trial version)
Photo management software that lets you organize, beautify, and print your photos in a flash. Try it for 30 days—if you like it, purchase an unlock key at www.epsonsoftware.com.

EPSON Stylus Photo 1280

Adobe® Photoshop® LE (Windows® and Macintosh®)
World-standard photo editing software with the basic image editing tools preferred by graphic design professionals. EPSON Stylus Photo 1280 owners have an exclusive upgrade price of $299 for the full version of Adobe Photoshop. To upgrade or for more information on this offer, call 1-800-492-3623 and mention Source Code 56100. The offer expires 9/30/02.

EPSON Software Film Factory (trial version)
Photo management software that lets you organize, beautify, and print your photos in a flash. Try it for 30 days—if you like it, purchase an unlock key at www.epsonsoftware.com.

QBeo PhotoGenetics (trial version)
Lets the casual computer user improve digital photos dramatically in a matter of seconds. To upgrade from the 30-day trial version, just follow the instructions when you start PhotoGenetics.



Monaco Systems™ MonacoEZcolor™ (software offer)
Powerful color management tool lets you build ICC device profiles for accurate color between scanned, displayed, and printed images. The offer is available at a discounted price for EPSON Stylus Photo 1280 owners for a limited time. Although you can install MonacoEZcolor Lite from your printer CD-ROM, you can only create a monitor profile with this version. The color management package, which includes software, a T8 target print, and a corresponding target file, lets you create printer and scanner profiles as well. The color management package is available for $199 (U.S.) to Stylus Photo 1280 owners—that's one-third off the retail price of $299. Call (978) 749-9944 to order from Monaco Systems. The offer expires 4/30/02.

About Your Documentation

To set up your printer and install its software, see the *Start Here* poster. This book contains system requirements, important safety information, and instructions on:

- viewing your electronic *Reference Guide*
- printing with Windows or on a Macintosh
- using special EPSON papers, including the roll paper that came with your printer
- maintaining the printer
- solving basic problems

For more details about printing with, maintaining, or troubleshooting your printer, see your electronic *Reference Guide*, as described on page 4.

Warnings, Cautions, Notes, and Tips

Please follow these guidelines:



Warnings must be followed carefully to avoid bodily injury.



Cautions must be observed to avoid damage to your equipment.



Notes contain important information about your printer.



Tips contain additional hints for better printing.

Viewing Your Electronic Reference Guide

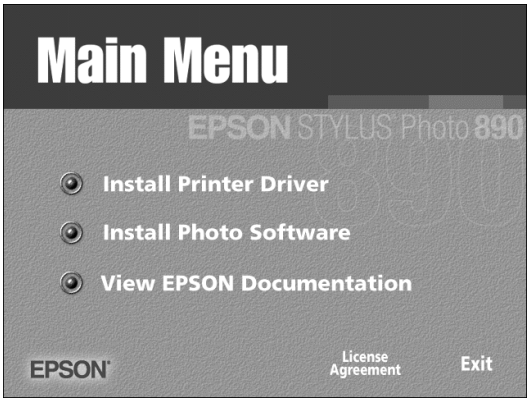
Your printer software CD-ROM includes an electronic *Reference Guide* for your printer. The manual is in HTML format, so you need a browser—such as Microsoft Internet Explorer 3.0 or later or Netscape Navigator 3.0 or later—to view it. If you are using a different browser, the pages may not display correctly. (A browser is not included on the printer software CD-ROM.)

You can view your electronic *Reference Guide* from the CD-ROM or copy it to your hard drive and view it from there. Follow these steps:

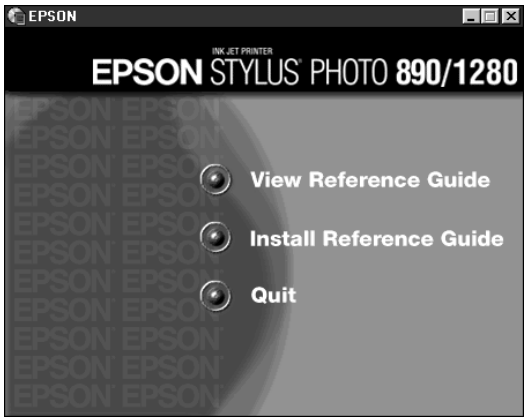
1. Insert your printer software CD-ROM.
2. **Windows**: Double-click My Computer, double-click your CD-ROM or DVD drive icon, then double-click the EPSON icon.

   Macintosh: Double-click the EPSON icon in the CD-ROM window. (If the window doesn't open, double-click your EPSON CD-ROM icon.

The Main Menu appears:



3. Click View EPSON Documentation. You see this screen.
4. You can either view the manual from the CD-ROM (View Reference Guide) or copy the manual to your hard drive (Install Reference Guide) and view it from there. For details on viewing the manual, see the next section.

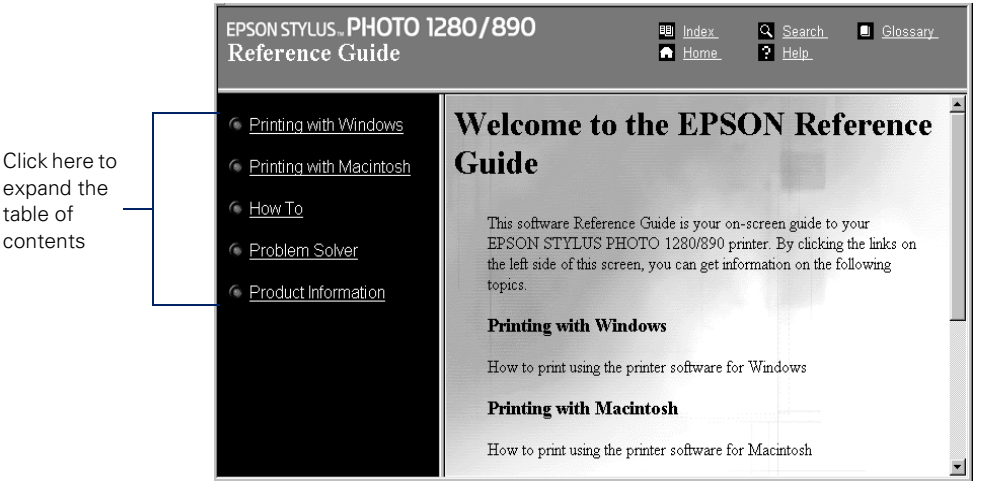


If you copied the manual to your hard drive, you can access it at any time, as follows:

Windows: Select Start, Programs, EPSON, and click ESP 1280 890 Guide.

Macintosh: Open the EPSON STYLUS PHOTO 1280 890 folder and double-click View Reference Guide.

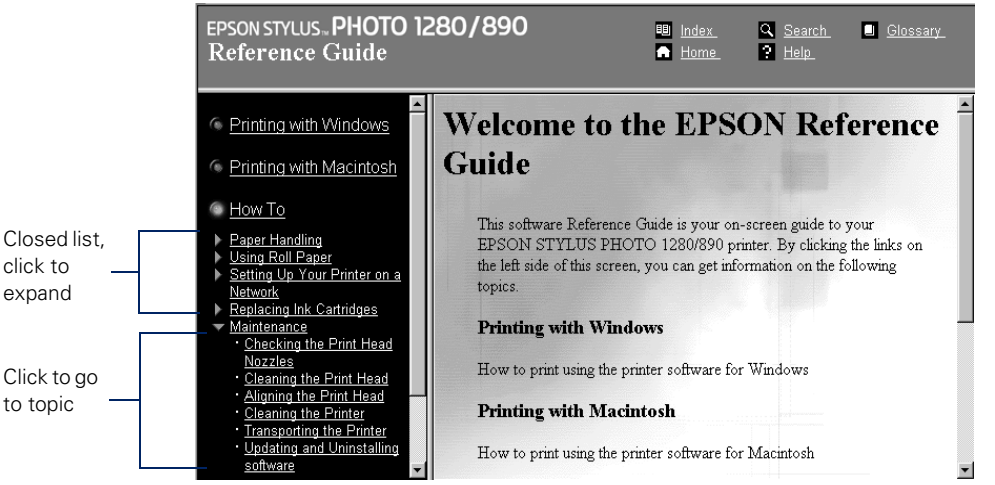
When you first open the *Reference Guide*, you see this screen:



Click a topic on the left to expand the table of contents. After expanding the table of contents, you can click on the topic you want to view.

If there's a right arrow ▶, click it to view subtopics, then click on a topic to go to it.

Click the down arrow ▼ to close a subtopic list.





If you see an icon for a graphic when viewing your *Reference Guide* in Netscape Navigator, click the Reload button to load the graphic.

Printing from Start to Finish

Here's what to do to print a basic document—such as a memo, newsletter, or photo—from loading the paper to selecting print settings to controlling the print job. Follow the instructions in these sections:

- "Printing with Windows" on page 8
- "Printing on a Macintosh" on page 14

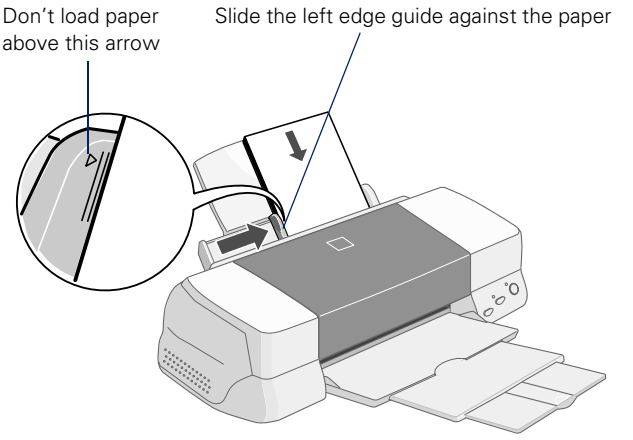
If you're already familiar with EPSON ink jet printing, you can skip ahead to these sections:

- "Printing on Both Sides of the Paper" on page 18
- "Creating Borderless Photo Prints" on page 20
- "Using PhotoEnhance, Custom, and Advanced Settings" on page 24
- "Using Advanced Color Management" on page 26

Printing with Windows

This section describes the basic steps for printing with Windows. (To print on a Macintosh, see page 14.)

Loading Paper



1. Make sure your printer and computer are turned on.
2. Slide the left edge guide to the right until the space between the left and right edge guides is just a little wider than your paper. Then load the paper against the right edge guide.
3. Slide the left edge guide against the paper.

Follow these guidelines when loading paper:

- Load the printable side face up. It's usually whiter or brighter than the other side.
- Load letterhead or preprinted paper into the printer top edge first.
- Don't load paper above the arrow on the left edge guide.

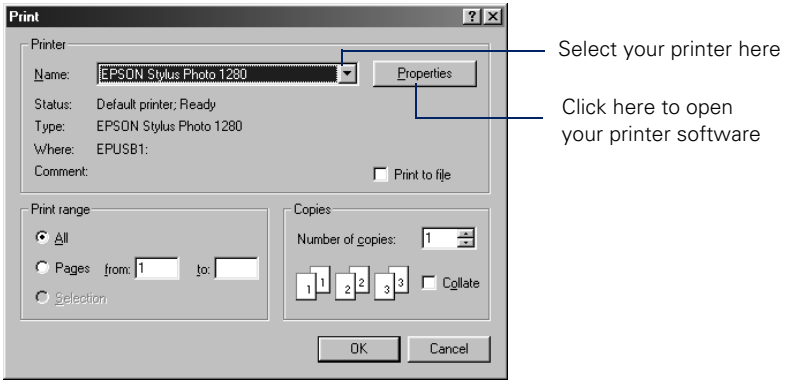


See "Using Special EPSON Papers" on page 29 for instructions on loading special media. For instructions on loading roll paper, see page 42. For more details, see your electronic *Reference Guide*.

Opening the Printer Software

After you open your application program and create your document, you're ready to select your printer software settings.

From the File menu, click Print. You see your application's Print dialog box (your dialog box may look slightly different):



Make the following selections in the Print dialog box:

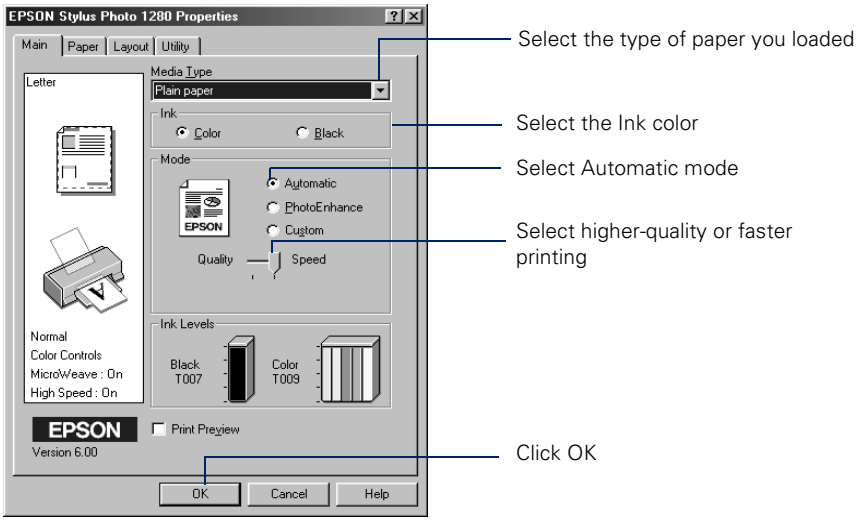
- Make sure your EPSON Stylus Photo printer is selected.
- Click the Properties button. (If you see a Setup, Printer, or Options button, click it. Then click Properties on the next screen.)



If you click the print icon on your application's tool bar instead of selecting Print from the File menu, you may not get the option to change the printer software settings before printing.

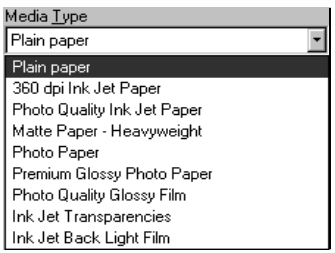
Selecting Printer Software Settings

Once you click Properties, you see your printer software Properties dialog box:



Make the following settings:

- Choose the Media Type for your paper (click the arrow to display the Media Type list). This is very important because your printer automatically adjusts ink coverage and resolution according to your Media Type setting. If you're not sure which setting to select, see page 37.



NOTE

If you want to change the default resolution for your Media Type, you must do so from the Advanced menu. See page 25 for instructions on accessing the Advanced menu.

- For Ink, select Color to print a color document, or Black to print a grayscale or black text document.
- For most documents, set the Mode to Automatic to let the printer software determine the best settings. This is the easiest way to get good results on all types of paper. If you're printing a photo and you're a novice user, set the Mode to PhotoEnhance to optimize image brightness and contrast.



Don't use PhotoEnhance™ if you're printing on roll paper; it may affect the margins.

If you're printing a photo and you're an advanced user, select ICM to obtain the most accurate colors in your printout. See page 25 for details.

- Set the slider in the Mode box to Speed if you're printing a draft copy, then set it to Quality when you make your final print. (The slider may not be available for your Media Type.)



If you select Plain paper as your Media Type, the slider's default setting is Speed. Be sure to change the setting to Quality when you want to get higher resolution and better detail from your printer.

- Click OK to return to your application's Print dialog box.



For more information about printer settings, see your electronic *Reference Guide*, or click the Help button. Or you can right-click any item on the screen and then click What's This?.

Selecting the Settings You Use Most Often

The printer settings you make apply only to the application you're currently using. If you usually print one type of document in different applications—for example, black ink on legal size paper—you can change the default printer settings for all your programs. You do this using the Windows Printer utility:

1. Click Start, point to Settings, and then select Printers.
2. Right-click your EPSON Stylus Photo printer icon.
3. Select one of the following:
   - Properties (if you're running Windows 95, 98, or Me)
   - Printing Preferences (if you're running Windows 2000)
   - Document Defaults (if you're running Windows NT)
4. Click the Main tab.

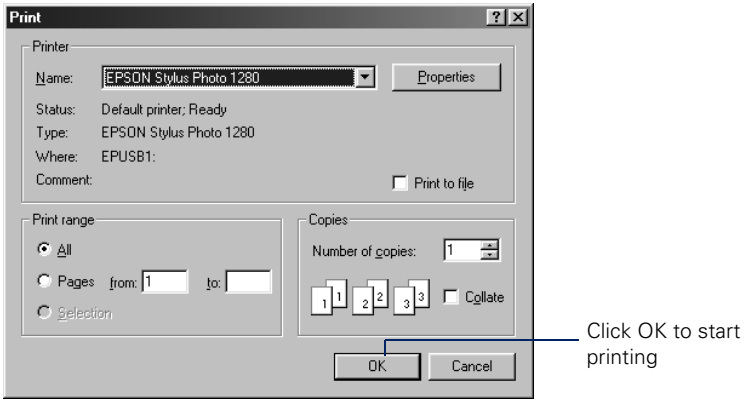
5. Select the default settings you want to use for all your applications. Click OK when you're finished.

Remember, you can always change the default settings in your application when you want to print different types of documents.

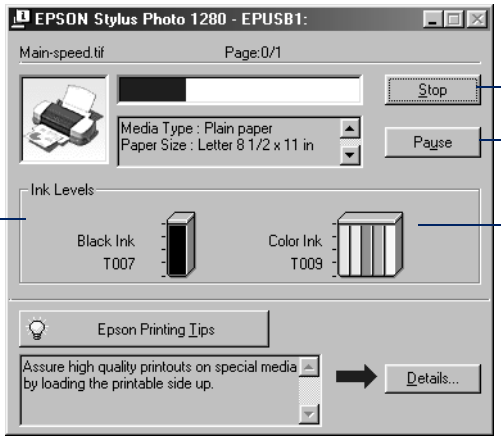
Another way to select your most frequently used settings quickly is to save them as a group; see your electronic *Reference Guide* for details.

Controlling Printing

At the Print dialog box, click OK (or Print, depending on your application) to start printing.



After a moment, the Progress Meter appears and shows the progress of your print job. You can use the buttons to cancel, pause, or restart printing. You can also see how much ink you have left.



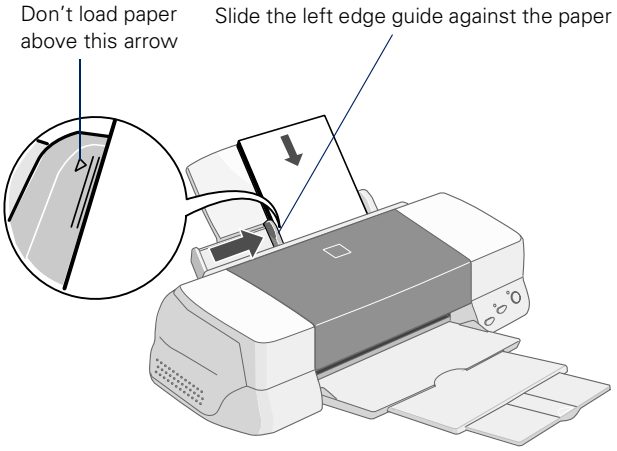
For more information on printing—for example, using advanced printer settings, previewing your printout, or adding a watermark—see your electronic *Reference Guide* (described on page 4) or your printer software online help.

Printing on a Macintosh

This section describes the basic steps for printing on a Macintosh. (To print with Windows, see page 8.)

Loading Paper

1. Make sure your printer and computer are turned on.
2. Slide the left edge guide to the right until the space between the left and right edge guides is just a little wider than your paper. Then load the paper against the right edge guide.
3. Slide the left edge guide against the paper.



Follow these guidelines when loading paper:

- Load the printable side face up. It's usually whiter or brighter than the other side.
- Load letterhead or preprinted paper into the printer top edge first.
- Don't load paper above the arrow on the left edge guide.

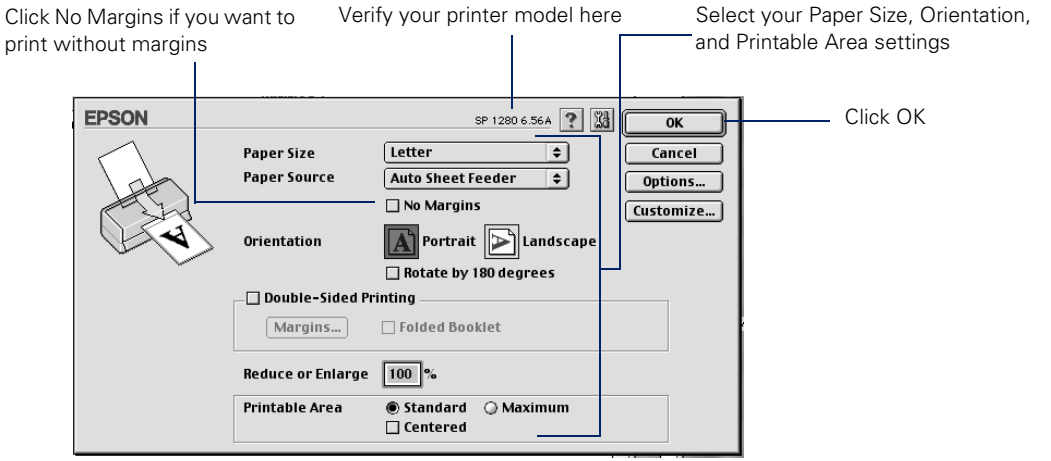


See "Using Special EPSON Papers" on page 29 for instructions on loading special media. For instructions on loading roll paper, see page 42. For more details on loading different types of media, see your electronic *Reference Guide*.

Opening the Printer Software

After you open your application program and create your document, you're ready to select your page setup and other printer software settings.

From the File menu, click Page Setup. You see your printer software's page setup dialog box (your dialog box may look slightly different):



Make the following selections on the page setup dialog box:

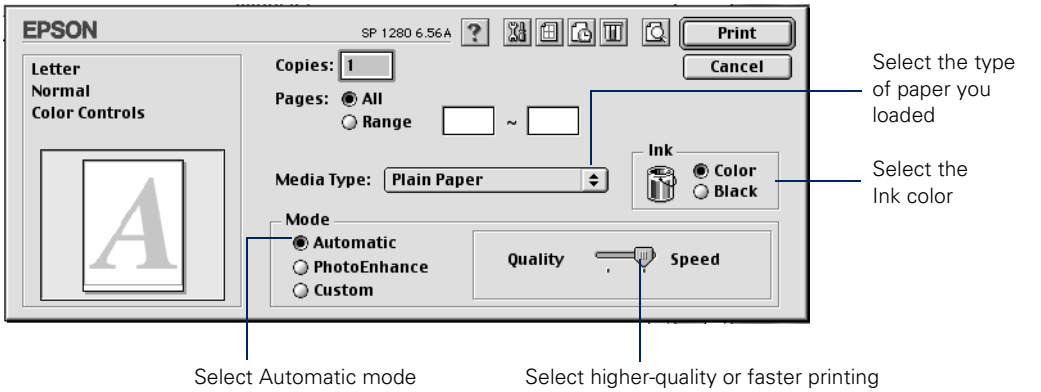
- Make sure your EPSON Stylus Photo printer (SP 890 or SP 1280) is selected. (If the printer model is incorrect, you need to select your printer in the Chooser; see the *Start Here* poster for instructions.)
- Select the correct Paper Size, Orientation, and Printable Area settings for your document. See your electronic *Reference Guide* for details.
- If you want to print with no margins, click No Margins.
- Click OK to close the page setup dialog box and return to your application window.



You can use the No Margins option with a variety of roll paper and cut sheet paper sizes. See page 20 for information about borderless printing on single sheets. See "Printing Edge-to-Edge 4 x 6-Inch Snapshots" on page 47 for information about creating borderless photo prints on roll paper.

Selecting Printer Software Settings

Now open the File menu and click Print. You see the main printer settings dialog box for your application (your dialog box may look slightly different):



Make the following settings on the dialog box:

- Choose the Media Type for the paper you're printing on (click the arrow to display the Media Type list). This is very important because your printer automatically adjusts the ink coverage according to your Media Type setting. If you're not sure which setting to select, see page 37.



NOTE

If you want to change the default resolution for your Media Type, you must do so from the Advanced menu. See page 25 for instructions on accessing the Advanced menu.

- For Ink, select Color to print a color document. To print a grayscale or black text document, click Black.
- For most documents, set the Mode option to Automatic. It's the easiest way to get good printing results on all types of paper. If you're printing a photo and you're a novice user, set the Mode to PhotoEnhance to optimize image brightness and contrast.

Don't use PhotoEnhance if you're printing on roll paper; it may affect your margins.

If you're printing a photo and you're an advanced user, select ColorSync to obtain the most accurate colors in your printout. See page 25 for details.

- Set the slider in the Mode box to Speed if you're printing a draft copy, then set it to Quality when you make your final print. (The slider may not be available for your media type.)

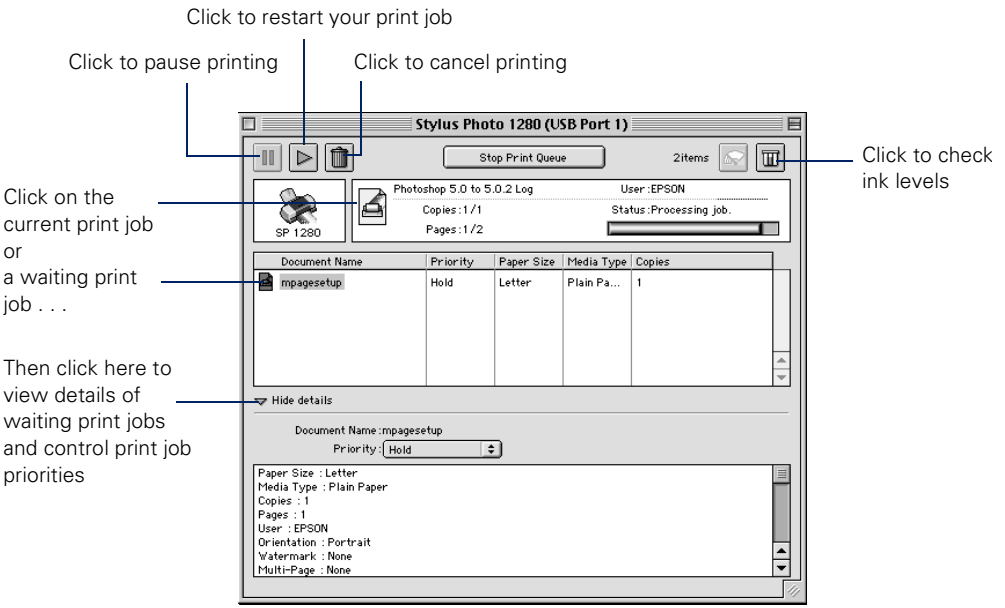
If you select Plain Paper as your Media Type, the slider's default setting is Speed. Be sure to change the setting to Quality when you want to get higher resolution and better detail from your printer.

- Click Print to print your document.

Controlling Printing

Once you've clicked Print, your document begins printing.

If you turned on background printing in the Chooser, you can select EPSON Monitor3 from the Application menu at the right side of the menu bar to check the progress of your print job. You see the EPSON Monitor 3 dialog box:





If you're not using background printing and you need to cancel the current print job, hold down the ⌘ key and press the . (period) key.

For more information on printing—for example, using advanced settings, previewing your printout, or adding a watermark—see your electronic *Reference Guide* (described on page 4) or printer software online help.

Printing on Both Sides of the Paper

You can print on both sides of the page with your printer's Double-Sided Printing option. This section includes instructions for standard double-sided printing.

For information about how to create single-fold booklets, see your electronic *Reference Guide*.



Use only media types that support double-sided printing. Depending on the type of paper and the amount of ink used in your document, ink may bleed through to the other side of the paper. Double-sided printing is not available when the printer is shared over a network.

Follow these steps to print on both sides of the page:

1. Load plain paper or another double-sided media in your printer. You can print up to 60 pages at a time on 30 sheets of paper.

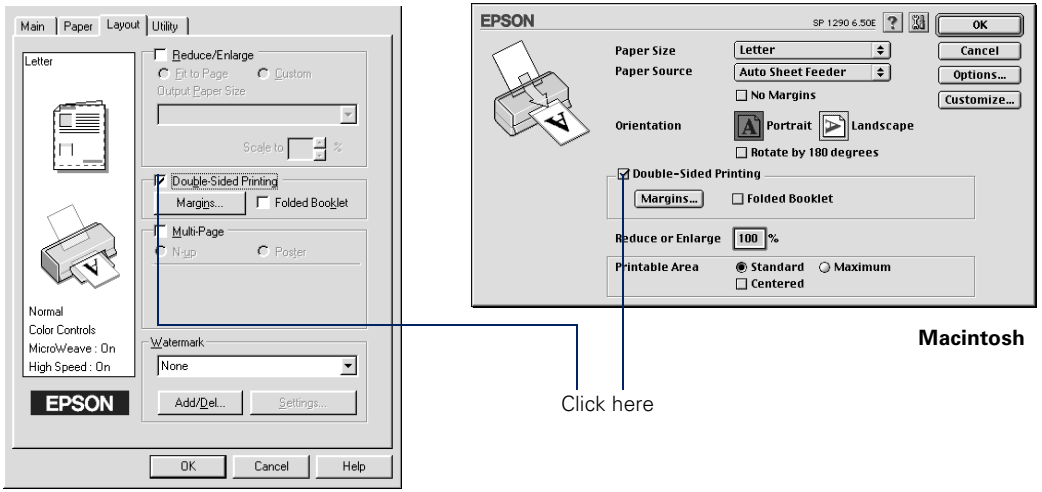


If you're printing a longer document, you'll need to print it in sections. For example, if you're printing a 175-page document, print it in three sections of 60 pages (30 sheets), 60 pages (30 sheets), and 55 pages (28 sheets). Select the following page ranges in your software application's print dialog box: 1–60, 61–120, 121–175.

If your long document has an odd number of pages, make sure you print even numbers of pages for the first sections and print an odd number for the last section. That way, if you have a blank page it will appear at the end of your document.

2. **Windows:** Open the printer software from your application. (See page 9 for details.) Then choose Double-Sided Printing on the Properties Layout tab.

   Macintosh: Select File > Page Setup from your application to open your printer software's page setup dialog box. Then choose Double-Sided Printing.



Macintosh

Windows

3. Click OK to save your settings.
4. Start printing.

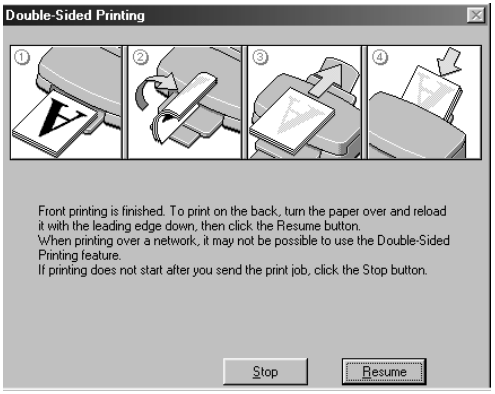
   Windows: Click OK (or Print) in your application's Print dialog box.

   Macintosh: Select File > Print, then click Print on the printer settings dialog box.

   The printer prints all the odd-numbered pages, starting with page 1.

When all of the odd-numbered pages have printed, you see an alert on your screen telling you to reload paper.

5. Take the entire stack that you have printed and, without changing the order of the pages, reload the paper printed side down, with the top edge first, as shown in the illustrations on the message.
6. Click Resume to print on the other side of the page.



Creating Borderless Photo Prints

Using EPSON's BorderFree™ print technology, your printer lets you create true edge-to-edge photo prints on papers available in a variety of popular print sizes.

NOTE

You can also print borderless photos on roll paper, although you can't choose from the same range of print sizes.

Printing borderless 4 × 6-inch photos on 4-inch roll paper is faster if you need to print several images at the same time. In addition, you don't lose as much of the original image. When you print borderless photos on single sheets, the printer software automatically expands your image so that a little of the image is cropped on all four sides. When you print on roll paper, you get only minimal cropping on either edge of the roll paper.

To print edge-to-edge photos on roll paper, see "Printing Edge-to-Edge 4 x 6-Inch Snapshots" on page 47.

The following EPSON papers support borderless printing:

Paper name	Size
EPSON Photo Paper	4 x 6 inches Letter
EPSON Matte Paper - Heavyweight	8 x 10 inches* Letter 11 x 14 inches*
EPSON Premium Glossy Photo Paper	5 x 7 inches 8 x 10 inches* Letter 11 x 14 inches*
EPSON Premium Semigloss Photo Paper	Letter
EPSON Premium Luster Photo Paper	Letter

* Designed for the EPSON Stylus Photo 1280

For information about ordering EPSON papers, see page 39.

Windows

Follow these steps to create borderless prints:

1. Load paper that supports borderless printing in your printer.



With some types of paper, ink tends to saturate the edges of the sheet when you create borderless prints. To avoid this problem, don't use thinner media types, such as ink jet paper or plain paper.

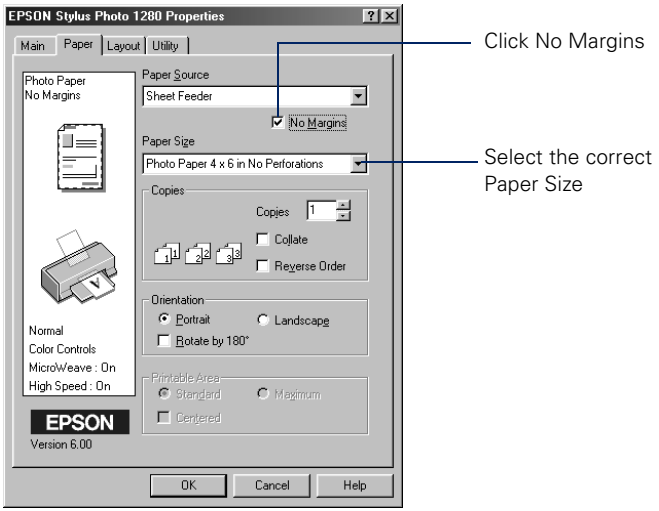
2. Open the printer software from your application program. (See page 9 for details.)
3. Select the correct Media Type on the Properties Main tab.
4. Set the Mode to PhotoEnhance or Automatic.



If you're an advanced user, click Custom and then select ICM to obtain the most accurate colors in your printout. See page 25 for details.

5. On the Paper tab, make sure that Sheet Feeder is selected as the Paper Source, and then click No Margins. Finally, select the correct Paper Size.

You must click the No Margins box before you can select the 5 × 7 inch Paper Size.



6. Click OK to save your settings.
7. Click OK (or Print) in your application's Print dialog box to start printing.

2880-Finest Detail is not an available resolution when you're creating borderless prints.

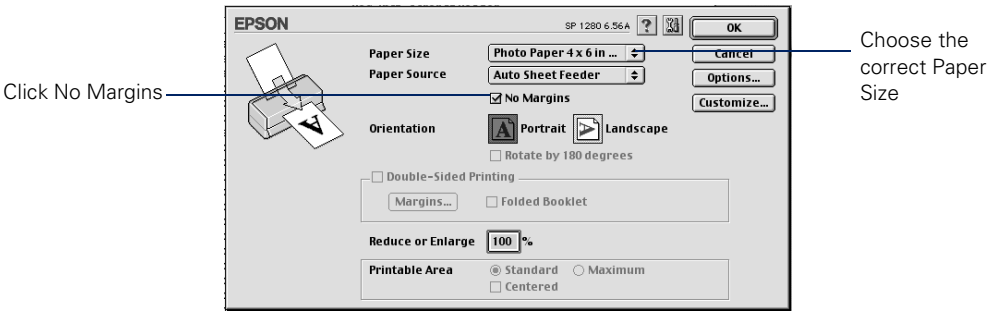
Macintosh

Follow these steps to create borderless prints:

1. Load paper that supports borderless printing in your printer.

With some types of paper, ink tends to saturate the edges of the sheet when you create borderless prints. To avoid this problem, don't use thinner media types, such as ink jet paper or plain paper.

2. Select File > Page Setup. In the Page Setup dialog box, click No Margins and then select the correct Paper Size. Make sure Auto Sheet Feeder is selected as the Paper Source.



3. Click OK to save your settings.
4. Select File > Print. Choose the correct Media Type.
5. Set the Mode to PhotoEnhance or Automatic.

NOTE

If you're an advanced user, click Custom, then select ColorSync to obtain the most accurate colors in your printout. See page 25 for details.

Photo - 2880 dpi is not available as a Print Quality setting when you're creating borderless prints.

6. Click Print to begin printing.

Using PhotoEnhance, Custom, and Advanced Settings

When you're printing special projects, you can customize your printer software settings, as described in these sections:

- "Enhancing Digital Photos" in the next section
- "Using Custom Settings" on page 25
- "Using Advanced Settings" on page 25

For additional information on these settings, see the electronic *Reference Guide*, as described on page 4.

Enhancing Digital Photos

The printer software includes PhotoEnhance options that increase image brightness and contrast to improve the appearance of low-resolution or under- or over-exposed photos. You can also add special effects, such as Soft Focus.



PhotoEnhance does not affect your original image; it only affects your printout. Printing with PhotoEnhance may take longer on some systems and images.

PhotoEnhance works only with Color ink; you can't turn on PhotoEnhance with Black ink selected.

Don't select Roll Paper as your Paper Source setting; this may affect your print quality or margins.

To use PhotoEnhance, set the Mode option to PhotoEnhance in your printer settings dialog box.

If your photograph was taken with a digital camera, you can select Digital Camera Correction to give your printed images the appearance of photographs taken with a film camera. For more fine-tuning, you can select from a list of specialized settings for photographs, such as People or Nature, or add special effects, such as Soft Focus or Sepia tint. (You must select PhotoEnhance before you can select Digital Camera Correction or any of these other options.)

Using Custom Settings

Your printer software includes several preset printing options. These let you quickly select the best settings for your particular type of document, or select a color-matching method for your project. To access the project types, click Custom, and click the Custom Settings list to open it. Then select from these project types:

- Economy: For printing rough drafts of text on plain paper. Saves ink.
- ICM (Image Color Matching; Windows only): For printing documents created in an ICM compatible application.
- sRGB (standard Red Green Blue; Windows only): For printing documents created in an sRGB compatible application using sRGB colors, such as those designed for the World Wide Web. See your Windows online help for details.
- ColorSync (Macintosh only): For printing documents in conjunction with ColorSync® compatible devices and applications. (You don't need to change the default ColorSync settings.)

Using Advanced Settings

For maximum control over your project, you can customize your print settings—such as Print Quality, Saturation, and Gamma—and use special effects.

You can also improve the clarity of low-resolution images (under 100 dpi) by selecting the Smooth Edge box on the Advanced dialog box. This setting is recommended for printing documents in PDF format, images downloaded from the Web, or posters that have been enlarged.



You can't select Smooth Edge if you've selected PhotoEnhance4 on the Advanced dialog box.

For digital camera images, use Digital Camera Correction instead of the Smooth Edge setting to enhance your printout. See page 24 for instructions.

To access these advanced settings in your printer software, click Custom and then click the Advanced button.

After you customize your print settings, you can save them as a group so you can reuse them whenever you print a similar project.



The default Gamma setting of 1.8 provides the optimum contrast quality for your photos. However, you can change it to either 1.5 (for decreased contrast) or 2.2 (for increased contrast; recommended for matching colors with sRGB devices).

Using Advanced Color Management

Here are some tips for using the advanced color management features of your printer software. For more information, visit the EPSON web site at www.epson.com. If you're using Adobe software, check the Adobe Web site at www.adobe.com for more tips.

Printing CMYK Format Files

To print a file saved in CMYK (cyan, magenta, yellow, and black) format with accurate colors, you first need to convert the file to RGB format. This is because your printer software automatically translates RGB information to your printer's 6-color CMYKcm ink system (including light cyan and light magenta). If you send a CMYK format file to print, you'll get unexpected color results. To print with the correct colors, convert any CMYK-format input files to RGB format before printing. For the best results, create your original print files in the sRGB color space. This larger color space transfers directly to your printer without any loss of color information inherent in color space conversions.



Most scanners and digital cameras capture files in the sRGB color space.

Using Custom Color Management Profiles

If you're printing from the full version of Adobe Photoshop or another application that lets you use custom color management profiles, you need to turn off your printer software's color management profile to get accurate results. If you use a custom profile but leave color management turned on in your printer software, your colors won't be correct. To turn off color management, follow these steps:

1. Start your application and open the file you want to print.
2. Load your color management profile.



For example, if you're using Adobe Photoshop 5.5, select Image > Mode > Profile to Profile. For From, select your image's source color space. For To, select your custom profile (the color space to which you want to convert the image).

3. To turn off your printer software color management, access your main printer software dialog box; see page 9 (for Windows) or page 16 (for Macintosh).
4. Click Custom, then click Advanced. You see the Advanced dialog box.
5. Select the No Color Adjustment option on the top right of the dialog box.
6. Select the rest of your printer software settings and click OK.
7. Click OK (or Print) to start printing.

Using Special EPSON Papers

How can you get the best-looking photos, most vivid colors, and sharpest text? Always use EPSON's ink jet papers.

You always need to choose the right Media Type setting for your paper. This ensures that you'll get the best print results on any kind of paper. See page 37 for a list of Media Type settings for different kinds of paper.

In addition to the papers described here, other papers may become available for your printer. For a list of EPSON media and ordering information, see page 39.

For information about using roll paper, see "Using Roll Paper" on page 41.



From time to time, it's a good idea to check the EPSON Store™ at www.epsonstore.com to see if new types of media are available for your printer.

EPSON Photo Paper

You can use EPSON Photo Paper to print photographs that look like the ones you get from film processing. Photo Paper is available in a variety of sizes, including roll paper. See page 39 for ordering information.



For information about loading roll paper, see page 42.

Keep the following in mind when using EPSON Photo Paper:

- Always load the paper with the whiter (glossier) side facing up.
- Load up to 20 sheets of 4 × 6-inch (perforated or nonperforated), letter-size, or A4-size Photo Paper, or 1 sheet of Panoramic paper. Use a support sheet if it is included in the paper package.

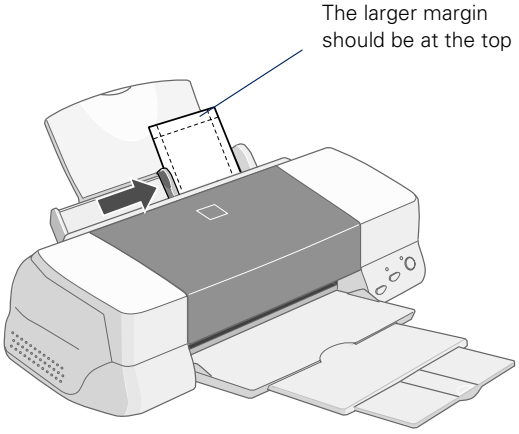
- Select Photo Paper as the Media Type setting.
- Store your printouts in a resealable plastic bag or other airtight covering to protect them from heat, humidity, and direct sunlight. Return unused paper to the original package as soon as you finish printing. For maximum photo print life, see the tips on page 38.

If you're using letter-size or larger Photo Paper, follow the instructions on page 8 to load and print on the paper. If you're using perforated 4 × 6-inch Photo Paper or Panoramic Photo Paper, see the next sections.

4 x 6-Inch Photo Paper (perforated)

EPSON 4 × 6-inch Photo Paper comes with and without perforations. You can use both types of paper to create borderless photo prints. With unperforated EPSON 4 × 6-inch Photo Paper, you can print to the very edge of the paper (see page 20 for details). With perforated EPSON 4 × 6-inch Photo Paper, you can trim the micro-perforations around the edges and "bleed" the photo—extend it slightly beyond the paper's edge—on all sides. This procedure explains how to print borderless photos on perforated EPSON 4 × 6-inch Photo Paper.

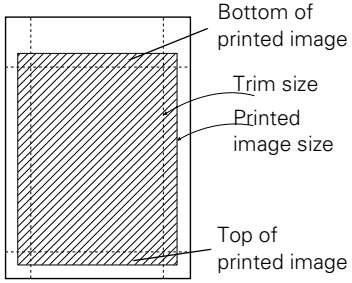
1. Slide the left edge guide to the right until the space between the left and right edge guides is little wider than your paper. Then load the paper against the right edge guide with the glossy side facing up and the perforations positioned as shown.



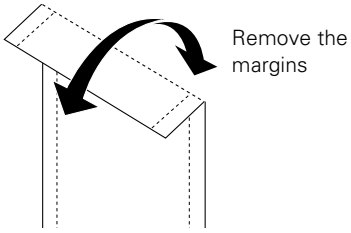
2. Slide the left edge guide against the paper.

   You can load up to 20 sheets at a time, with the support sheets that came with your paper beneath the stack. (If you don't have the support sheets, use card stock cut to size.)

3. In your application software, size your photo slightly larger than 4 × 6 inches.
4. Choose Photo Paper as the Media Type setting.

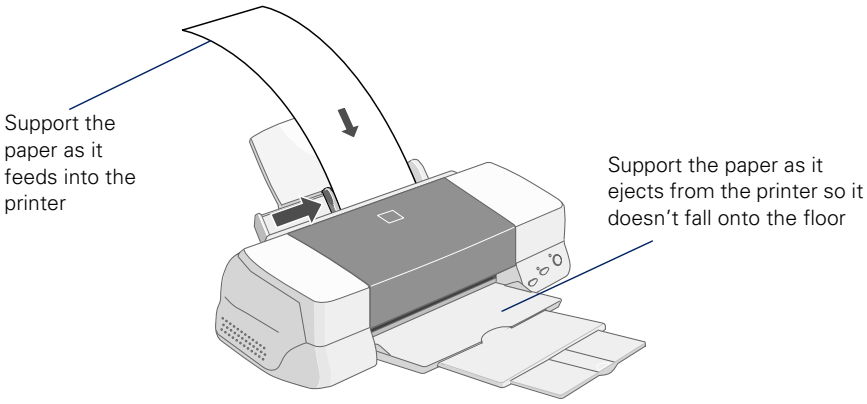


5. Choose Photo Paper 4 × 6 in as the Paper Size setting.
6. After you print your picture, fold the paper back and forth along the perforations and carefully tear off the margins.



Panoramic Photo Paper

1. Slide the left edge guide to the right until the space between the left and right edge guides is slightly wider than your paper.
2. Pull up the paper support extension. Load one sheet of Panoramic paper glossy side up against the right edge guide.
3. Slide the left edge guide against the paper.
4. Hold up the paper's top edge and press the maintenance button to feed it into the printer.



5. Choose Photo Paper as the Media Type setting and Panoramic 210 × 594 mm as the Paper Size setting.

Matte Paper - Heavyweight

Matte Paper - Heavyweight has a professional-looking, flat matte finish for printing photos, graphics, and digital fine art on a non-glossy surface. Using genuine EPSON inks and this paper, your output has remarkable lightfastness when stored in an album or in normal indoor display conditions in a glass frame. See page 38 for more information.

Load up to 20 sheets as described on page 8, including a support sheet beneath the stack. Before printing, select Matte Paper - Heavyweight as the Media Type setting.

EPSON Premium Glossy Photo Paper

EPSON Premium Glossy Photo Paper is a photographic-weight paper with a high gloss finish suitable for photographic applications. Using genuine EPSON inks and this paper, your prints will last for years when stored in an album or in normal indoor display conditions in a glass frame. Keep the following in mind:

- Always load it with the whiter, glossier side face-up.
- Load one sheet at a time.
- Select Premium Glossy Photo Paper as the Media Type setting.
- Remove each sheet from the output tray immediately after it's done printing, and let the colors set for several minutes before stacking.
- Store your printouts in a resealable plastic bag or other airtight covering to protect them from heat, humidity, and direct sunlight. Return unused paper to the original package as soon as you finish printing. For maximum photo print life, see the tips on page 38.

Premium Glossy Photo Paper is also available in a variety of roll paper sizes. See page 39 for ordering information and page 42 for instructions on loading roll paper.

Premium Semigloss Photo Paper

Premium Semigloss Photo Paper is a photo-weight paper with a semigloss finish suitable for photographic applications. Keep the following in mind:

- Always load it with the whiter, glossier side face-up.
- Load one sheet at a time.
- Select Premium Glossy Photo Paper as the Media Type setting.
- Remove each sheet from the output tray immediately after it's done printing, and let the colors set for several minutes before stacking.
- Store your printouts in a resealable plastic bag or other airtight covering to protect them from heat, humidity, and direct sunlight. Return unused paper to the original package as soon as you finish printing. For maximum photo print life, see the tips on page 38.

This paper is also available in 4-inch-wide rolls. See page 39 for ordering information, and page 42 for instructions on loading roll paper.

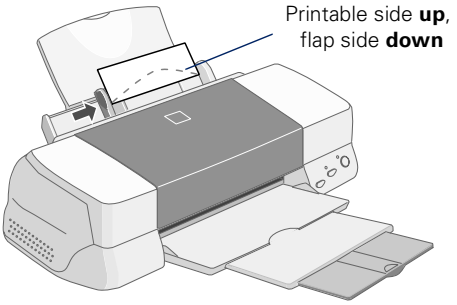
Premium Luster Photo Paper

Premium Luster Photo Paper is a photo-weight paper with a brilliant semigloss finish similar to "E" photographic paper used by portrait photo labs. Its light sheen and textured surface create the look of real photo prints. Keep the following in mind when printing on this paper:

- Always load with the whiter, glossier side face-up.
- Load one sheet at a time.
- Select Premium Glossy Photo Paper as the Media Type setting.
- Remove each sheet from the output tray immediately after it's done printing, and let the colors set for several minutes before stacking.
- Store your printouts in a resealable plastic bag or other airtight covering to protect them from heat, humidity, and direct sunlight. Return unused paper to the original package as soon as you finish printing. For maximum photo print life, see the tips on page 38.

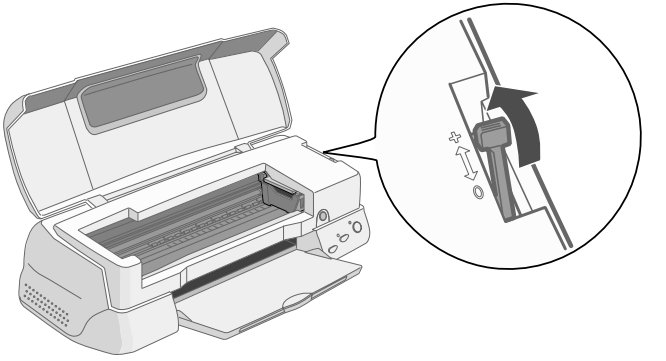
This paper is also available in 8.3- and 13-inch-wide rolls. See page 39 for ordering information, and page 42 for instructions on loading roll paper.

Envelopes



You can load up to 10 envelopes at a time, flap edge first and printable side up. Place them against the right edge guide and slide the left edge guide against them.

(You'll get better results if you press each envelope flat before loading it, or load one envelope at a time.)



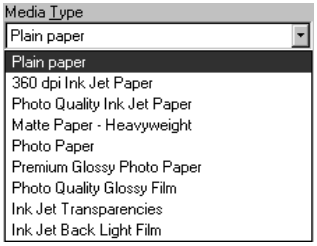
Set the thickness lever to the **+** position when you print on envelopes or other thick media. (Return the lever to the **0** position before you print on regular paper.)

Select Plain paper as the Media Type setting and choose the correct envelope size as the Paper Size setting.

If the printing smears or you have banding (light lines), try turning off High Speed printing in the Advanced window. (See page 24 for instructions on accessing the window.)

Selecting the Correct Media Type

Your printer automatically adjusts itself for the type of paper you select in your printer software. That's why the Media Type setting is so important. It tells your printer what kind of paper you're using and adjusts the ink coverage accordingly.



Before you print, always check your Media Type setting. Here are the settings you should choose for your paper:

For this paper . . .	Select this Media Type setting . . .
Plain paper sheets or envelopes	Plain paper
EPSON 360 dpi Ink Jet Paper EPSON Iron-On Cool Peel Transfer Paper	360 dpi Ink Jet Paper
EPSON High Quality Ink Jet Paper EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets*	Photo Quality Ink Jet Paper
EPSON Matte Paper - Heavyweight	Matte Paper - Heavyweight
EPSON Photo Paper (including panoramic size)	Photo Paper
EPSON Premium Glossy Photo Paper (including roll size) EPSON Premium Semigloss Photo Paper (including roll size) EPSON Premium Luster Photo Paper (including roll size)	Premium Glossy Photo Paper
EPSON Photo Quality Glossy Film EPSON Photo Stickers®	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies

* EPSON Stylus Photo 1280 only

Taking Care of Your Photographs

With proper care, photographs printed with your EPSON Stylus Photo printer will preserve your memories for many years. The special EPSON inks designed for your printer are specially formulated to achieve improved lightfastness when used with EPSON papers for prints that are properly displayed or stored.

As with traditional photos, proper care will minimize color changes and lengthen display life. For indoor display, EPSON recommends that prints be framed under glass or a protective plastic sleeve to protect them from atmospheric contaminants like humidity, cigarette smoke, and high levels of ozone. As with all photographs, keep your prints away from direct sunlight. For proper storage, EPSON recommends that you keep prints in a photo album or plastic photo storage box in acid free, archival sleeves commonly available from most camera stores.

How To Order EPSON Paper

To order EPSON paper, contact your dealer or call the EPSON Store at (800) 873-7766 or visit our web site at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

EPSON papers

Paper name	Size	Part number
EPSON 360 dpi Ink Jet Paper	Letter (8.5 x 11 inches) A4 (8.3 x 11.7 inches)* A3 (11.7 x 16.5 inches) * Super B (13 x 19 inches) *	S041060 S041258 S040165 S041066
EPSON High Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041111
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches) Legal (8.5 x 14 inches) A4 (8.3 x 11.7 inches)* A3 (11.7 x 16.5 inches) * B (11 x 17 inches) * Super B (13 x 19 inches) *	S041062 S041067 S041061 S041068 S041070 S041069
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Photo Paper	4 x 6 inches (perforated) 4 x 6 inches (no perforations)** Letter (20 sheets)** Letter (100 sheets)** Letter (500 sheets)** Panoramic (8.3 x 23 inches) A4 (8.3 x 11.7 inches)* Roll (3.9 inches x 26.2 feet)** Super B Roll (13 inches x 32.8 feet) */**	S041134 S041458 S041141 S041271 S041272 S041145 S041140 S041279 S041233
EPSON Photo Stickers Kit (CD-ROM/paper) EPSON Photo Stickers (refill)	A6 (4.1 x 5.8 inches) A6 (4.1 x 5.8 inches)	S041144-KIT S041144
EPSON Photo Quality Glossy Film	Letter (8.5 x 11 inches) A6 (4.1 x 5.8 inches) A4 (8.3 x 11.7 inches)* A3 (11.7 x 16.5 inches) * B (11 x 17 inches) * Super B (13 x 19 inches) *	S041072 S041107 S041071 S041073 S041075 S041074

EPSON papers

Paper name	Size	Part number
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches) A4 (8.3 x 11.7 inches)*	S041064 S041063
EPSON Photo Quality Self Adhesive Sheets	A4 (8.3 x 11.7 inches)*	S041106
EPSON Iron-On Cool Peel Transfer Paper (10 sheets) EPSON Iron-On Cool Peel Transfer Paper (50 sheets)	Letter (8.5 x 11 inches) Letter (8.5 x 11 inches)	S041153 S041155
EPSON Matte Paper - Heavyweight	Letter (8.5 x 11 inches)** A4 (8.3 x 11.7 inches)* 8 x 10 inches*/** 11 x 14 inches*/**	S041257 S041258 S041467 S041468
EPSON Premium Glossy Photo Paper	Letter (8.5 x 11 inches)** 5 x 7 inches** A4 (8.3 x 11.7 inches)* 8 x 10 inches*/** 11 x 14 inches */** Roll (3.9 inches x 26.2 feet)** Roll (8.3 inches x 26.2 feet) Roll (13 inches x 32.8 feet)*/**	S041286 S041464 S041285 S041465 S041466 S041302 S041376 S041378
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)** Super B (13 x 19 inches)* A4 (8.3 x 11.7 inches)* Roll (3.9 inches x 26.2 feet)**	S041286 S041327 S041332 S041329
EPSON Premium Luster Photo Paper	Letter (8.5 x 11 inches)** A3 (11.7 x 16.5 inches) * Super B (13 x 19 inches) * Roll (8.3 inches x 26.2 feet) Super B Roll (13 inches x 32.8 feet) */**	S041405 S041406 S041407 S041408 S041409
EPSON Glossy Photo Greetings Cards	Letter**	S041267

* Designed for the EPSON Stylus Photo 1280

** Supports true BorderFree (borderless) printing

Using Roll Paper

You can load roll paper using the roll paper holders and adapter that came with your EPSON Stylus Photo printer. When you're finished printing, you need to remove the roll paper carefully from the printer.

This chapter explains how to load 4-inch roll paper and print edge-to-edge borderless photos. Roll paper comes in a variety of sizes and media types; see page 39 for a complete list.

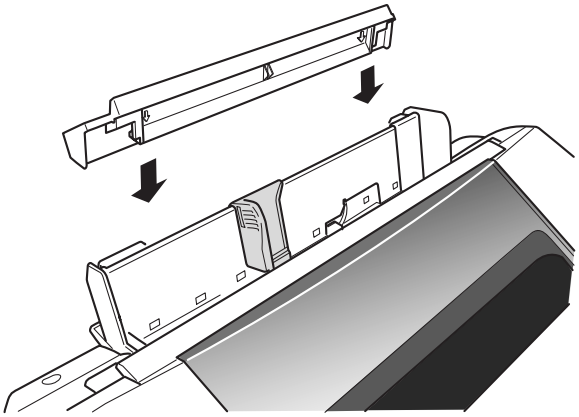
Follow the instructions in these sections:

- "Loading Roll Paper" on page 42
- "Printing on Roll Paper" on page 46
- "Removing and Storing Roll Paper" on page 70

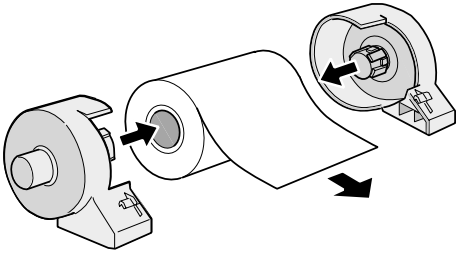
Loading Roll Paper

Although this procedure illustrates how to load 4-inch wide roll paper, you can follow the same steps to load wider roll paper.

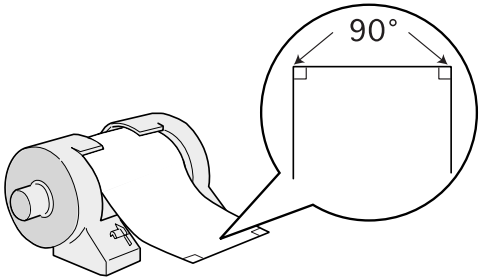
1. Make sure your printer and computer are turned on.
2. Remove the paper support and lower the output tray. Then insert the paper support adapter into the positioning slots on the back of the printer, as shown. (The down arrows on the adapter should be positioned above the slots.)



3. Remove the roll paper from the box. Try to avoid touching the printable side of the roll paper as much as possible.
4. Set the roll paper onto the roll paper holders.

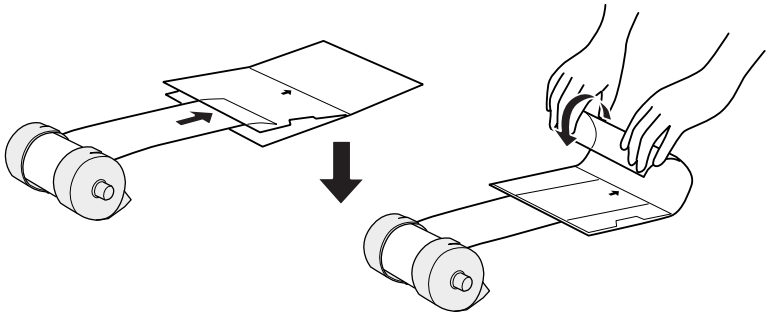


5. Before loading the paper, make sure the edge is cut cleanly—at a 90 degree angle in each corner—to ensure proper loading. If necessary, trim the edge using a straight-edge tool or triangle.

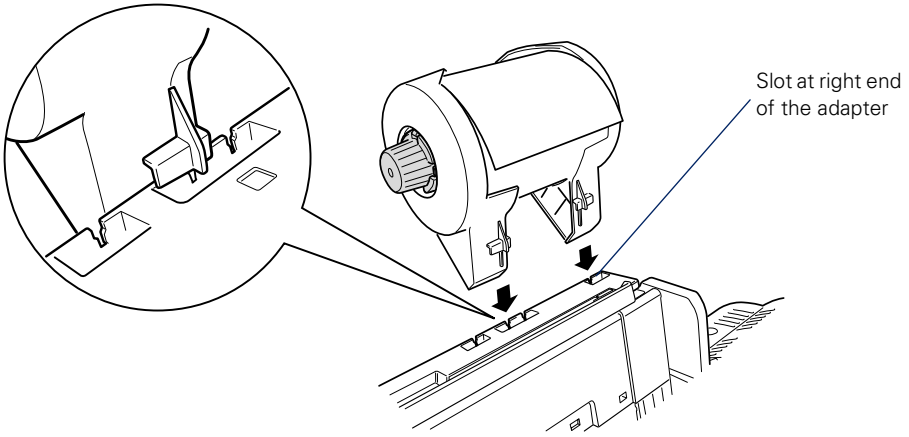


Make sure that the end of the roll paper is cut perpendicular to the edges. A diagonal cut may cause paper feed problems.

6. If necessary, uncurl the paper. Locate the uncurling sheet that came inside the printer box. Insert the paper inside the uncurling sheet, and roll it in the direction opposite to the paper's curl. (This step is especially important with wider roll paper.)



7. Insert the tabs on the roll paper holders into the slots on the paper support adapter, as shown. If you're facing the front of the printer, the tab on the right roll paper holder should be inserted into the slot at the right end of the adapter, and the tab on the left roll paper holder should be inserted two slots to the left.

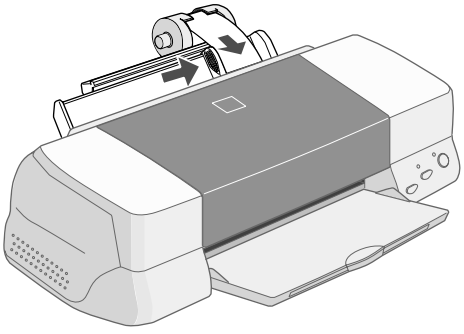




It's important to insert the tab on the right roll paper holder into the slot at the right end of the adapter. Otherwise your roll paper won't load correctly, and you may see an error.

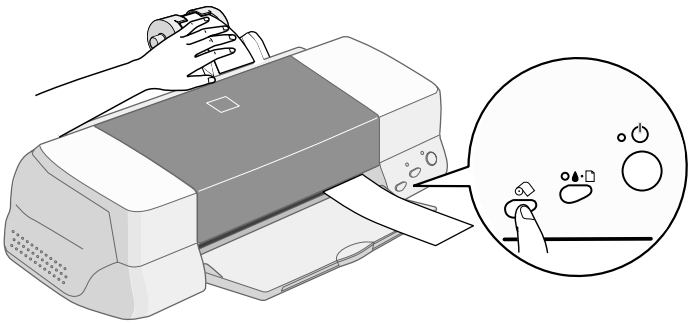
If your roll paper is wider than 4 inches, insert the tab on the left roll paper holder into the appropriate slot on the adapter.

8. Feed the end of the paper into the printer as far as it will go, then slide the left edge guide against the paper.



9. Gently rotate the roll backward to remove any slack from the paper.

10. Make sure the output tray is open but the extensions are closed, and leave ample room at the front of the printer for your paper to eject smoothly.
11. Gently hold the paper in place on the top as you press and release the roll paper button to feed the paper into the printer.



NOTE

Don't force the paper to feed into the printer. Allow the paper to move automatically.

Make sure to press the roll paper button when you feed roll paper. Pressing the maintenance button by mistake may cause paper feeding problems.

If the Roll Paper Jams or Feeds Incorrectly

If the paper feeds incorrectly, do the following:

1. Press the roll paper button for three seconds to rewind the paper. (You may have to do this more than once to rewind the paper completely.)

   If the paper is jammed and won't rewind, turn the printer off. Then cut the roll at a point a few inches after it exits the printer. Make your cut as straight as possible to avoid further feeding problems. Gently pull the roll backward to rewind it, and then turn the printer on again.

CAUTION

Don't force the printer mechanism. If gentle pulling doesn't move the paper, contact EPSON. See page 96 for contact information.

2. After you rewind the paper, the maintenance light comes on. Press the maintenance button to turn the light off.
3. Reload the paper, making sure the end is straight and not damaged. If necessary, trim the end again before reloading.

Printing on Roll Paper

When you use roll paper, you can print your favorite 4 × 6-inch snapshots, panoramics, and banners with no side margins ("bleed" your images to the edges), with small side margins, with page frames between images, or a combination of these.



Some of the roll paper options are available only when you're printing on 4-inch wide Premium Glossy Photo Paper or Premium Semigloss Photo Paper. You may want to test the settings you want to use by printing on practice sheets of trimmed plain paper first.

You control the way you print on roll paper by selecting the right combination of printer software settings for your document. See these sections for instructions:

- Follow the guidelines in "Roll Paper Basics" below whenever you print on roll paper
- To print 4 × 6-inch snapshots with no side margins, see "Printing Edge-to-Edge 4 x 6-Inch Snapshots" on page 47
- To print panoramics or banners, see "Removing and Storing Roll Paper" on page 70

Roll Paper Basics

Whenever you print on roll paper, remember these basic guidelines:

- *Never* select Sheet Feeder as the Paper Source setting (or Auto Sheet Feeder if you have a Macintosh); unnecessary amounts of paper will feed into the printer.
- *Always* press the ◇ button to feed roll paper. (See page 45.)
- The PhotoEnhance setting may affect your margins.
- If extra paper feeds after a print job or after you turn on the printer, or if you see a paper jam error message, press the ◇ button for at least three seconds. The extra paper will rewind, and the error will be cleared. (You may need to repeat this step to rewind the paper completely.)

Printing Edge-to-Edge 4 x 6-Inch Snapshots

Turn your printer into a photo reproduction studio by printing 4 × 6-inch snapshots, edge-to-edge, on EPSON Premium Glossy Photo Paper, Premium Semigloss Photo Paper, or Photo Paper on a roll. Printing borderless photos on roll paper is faster than printing borderless photos on cut sheets (see page 20), since you can print multiple images at the same time. In addition, you don't lose as much of your image, since the sides of the image are not cropped.

The following sections describe how to use some of the bundled photo applications with 4-inch wide roll paper:

- "Printing Snapshots with Film Factory" below
- "Printing Snapshots with PhotoImpression" on page 55
- "Printing Snapshots with Photoshop LE" on page 62

Printing Snapshots with Film Factory

First load your 4-inch wide roll paper, as described on page 42. Then follow the steps for your operating system below. For more information on Film Factory, see the program's online help.

Windows Instructions

1. Start Film Factory. To do this, click Start, point to Programs, Film Factory, and click the Film Factory icon. You see the main Film Factory screen:



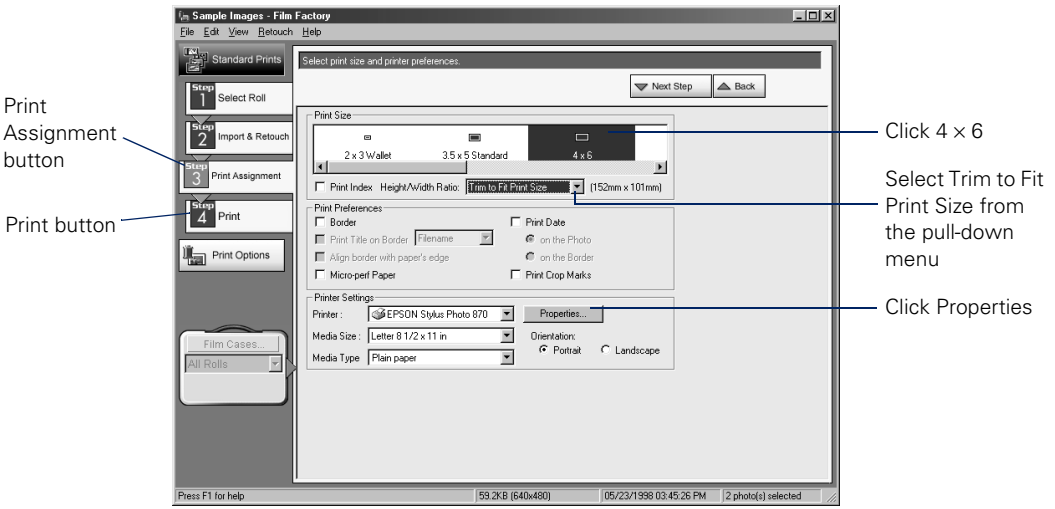


The first time you start the trial version of Film Factory, you may see a screen that lets you buy the full version or try out the trial version.

2. Import a picture file or select the roll of film containing the picture(s) you want to print. (See Film Factory's online help if you need assistance.)
3. Click the picture(s) you want to print; the background is highlighted.
4. If you want to retouch your photos before you print, click the Standard Prints button on the left. You see the Standard Prints screen. Select the retouching option you want to use. (See Film Factory help for assistance.)

   If you don't need to retouch your photos before printing, click the Duplicate Prints button on the left. You see the Duplicate Prints screen. Click each highlighted photo, then click the + or - button to select the number of copies you want to print of that photo.

5. When you're ready to print, click the Print Assignment button. You see various printing options:



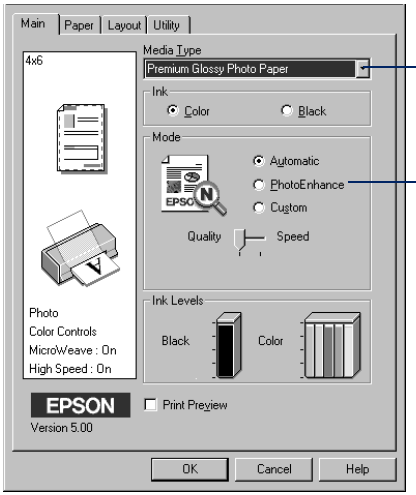
6. Click the 4 × 6 icon as the Print Size option.
7. Select Trim to Fit Print Size from the Height/Width Ratio pull-down menu.



Similar to traditional photo finishing, Film Factory may not print your entire image within the 4 × 6-inch print area. This is because your image's width/height (or aspect) ratio may not match the ratio for a true 4 × 6-inch print. Film Factory will trim images to fit the 4 × 6-inch print area.

8. Click the Properties button. You see your printer settings dialog box.

9. Click the Main tab, if necessary. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded See page 37 for details about selecting the correct Media Type.

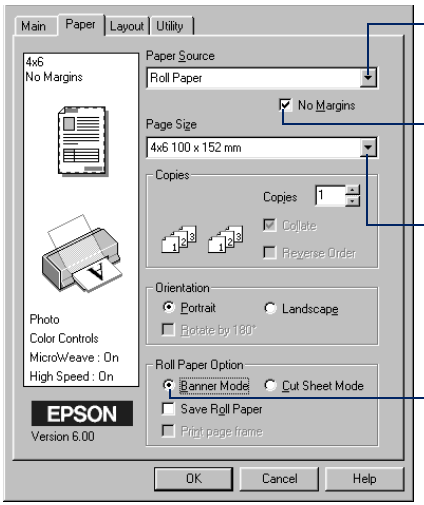


Select Premium Glossy Photo Paper or Photo Paper

Make sure PhotoEnhance is turned *off*

10. Now click the Paper tab.
11. Do the following:
    - Select Roll Paper as the Paper Source
    - Click the No Margins box
    - Select 4×6 100 × 152 mm as the Page Size
    - Select Banner Mode as the Roll Paper Option

    Don't select Save roll paper if you're printing a 4 × 6-inch snapshot. You may create a space between each print job.



Select Roll Paper

Click No Margins

Select 4×6 100 × 152 mm

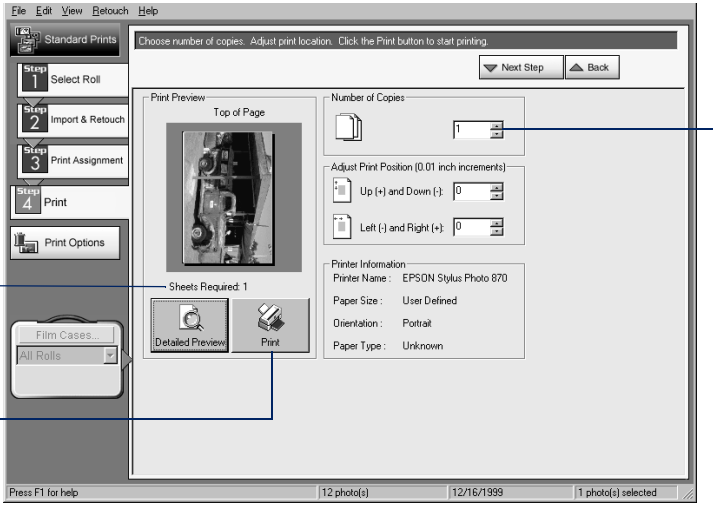
Select Banner Mode



If you want to print a cutting line at your page boundaries, select Cut Sheet Mode, then click the Print page frame checkbox.

12. Click OK. You return to the Print Assignments screen.

13. Click the Print button on the left. You see additional printing options:



Total number of prints

Print icon

Select the number of copies you want to print (necessary for Standard Prints function only)

14. If you're using the Standard Prints function, click the arrows in the Number of Copies box to select the number of pictures you want. If you selected more than one picture for printing and want multiple copies of each one, select the amount of each you want; the total number of prints is listed beneath the first picture thumbnail.
15. Click the 

Print icon. Your pictures print with no space between them and no space on the sides. Follow the steps on page 70 to remove and store your pictures.

Macintosh Instructions

1. Start Film Factory. To do this, open the Film Factory folder and double-click the Film Factory icon. You see the main Film Factory screen:



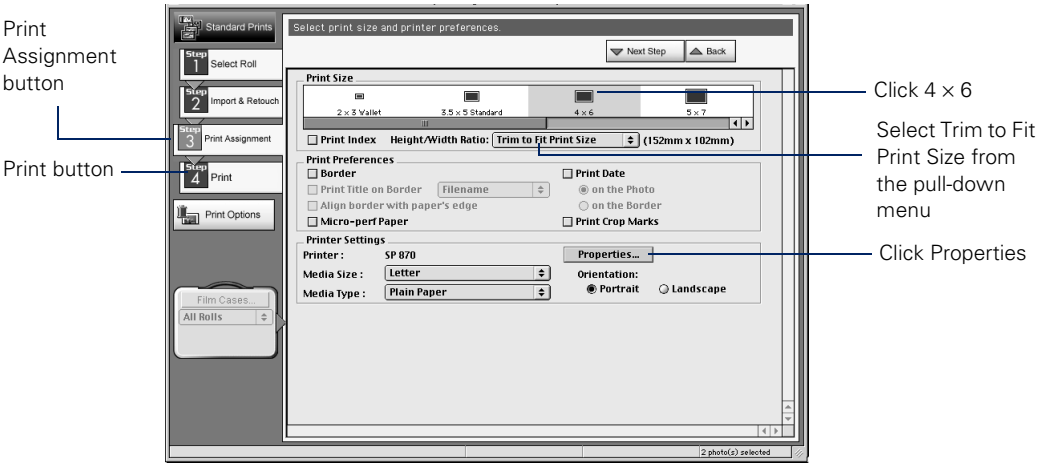


The first time you start the trial version of Film Factory, you may see a screen that lets you buy the full version or try out the trial version.

2. Import a picture file or select the roll of film containing the picture(s) you want to print. (See Film Factory's online help if you need assistance.)
3. Click the picture(s) you want to print; the background is highlighted.
4. If you want to retouch your photos before you print, click the Standard Prints button on the left. You see the Standard Prints screen. Select the retouching option you want to use. (See Film Factory help for assistance.)

   If you don't need to retouch your photos before printing, click the Duplicate Prints button on the left. You see the Duplicate Prints screen. Click each highlighted photo, then click the + or - button to select the number of copies you want to print of that photo.

5. When you're ready to print, click the Print Assignment button. You see various printing options:



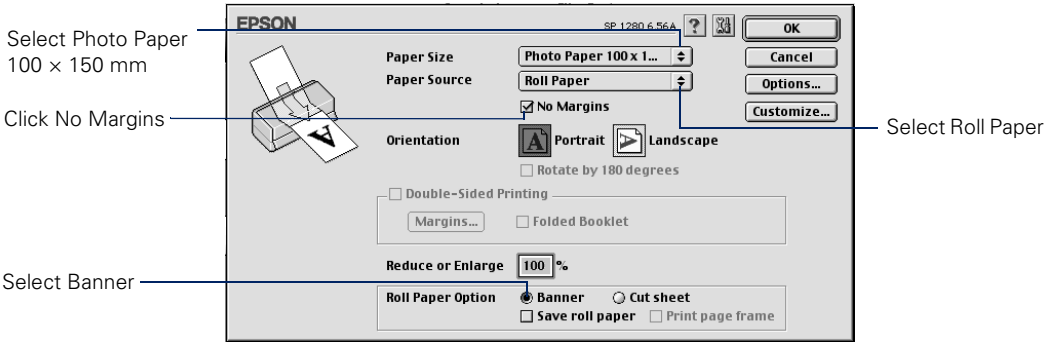
6. Click the 4 × 6 icon as the Print Size option.

7. Select Trim to Fit Print Size from the Height/Width Ratio pull-down menu.



Similar to traditional photo finishing, Film Factory may not print your entire image within the 4 × 6-inch print area. This is because your image's width/height (or aspect ratio) may not match the ratio for a true 4 × 6-inch print. Film Factory will trim images to fit the 4 × 6-inch print area.

8. Click the Properties button. You see your printer software's page setup dialog box.



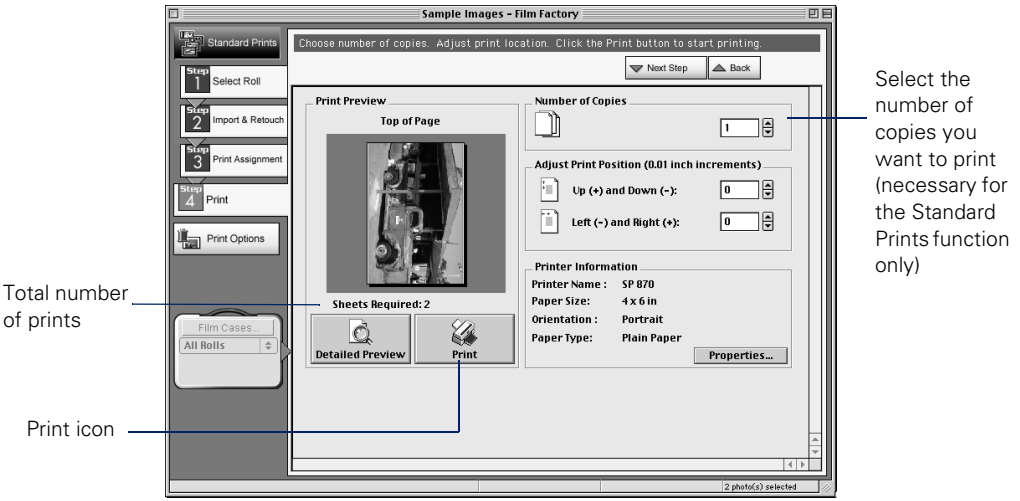
9. Make the following changes:
   - Select Photo Paper 100 × 150 mm as the Page Size
   - Select Roll Paper as the Paper Source
   - Click the No Margins box
   - Select Banner as the Roll Paper Option

   Don't select Save roll paper if you're printing a 4 × 6 snapshot. This may create a space between each print job.



If you want to print a cutting line at your page boundaries, select Cut Sheet, then click the Print Page Frame checkbox.

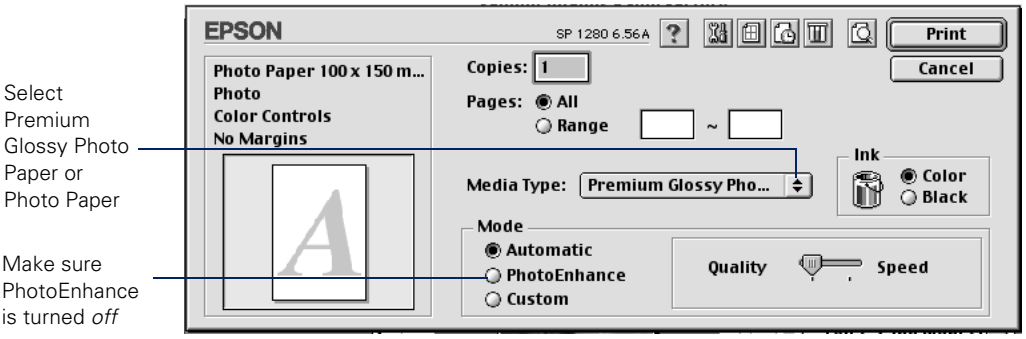
10. Click OK. You return to the Print Assignments screen.
11. Click the Print button on the left. You see additional printing options:



12. If you're using the Standard Prints function, click the arrows in the Number of Copies box to select the number of pictures you want. If you selected more than one picture for printing and want multiple copies of each one, select the amount of each you want; the total number of prints is listed beneath the first picture thumbnail.
13. Click the 

Print icon.

You see your printer settings dialog box.



14. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded (see page 37 for details about selecting the correct Media Type). Also make sure the PhotoEnhance setting is turned *off*.
15. Click Print. Your pictures print with no space between them and no space on the sides. Follow the steps on page 70 to remove and store your pictures.

Printing Snapshots with PhotoImpression

First load your 4-inch wide roll paper, as described on page 42. Then follow the steps below for your operating system.

NOTE

ArcSoft PhotoImpression only comes with the EPSON Stylus Photo 890.

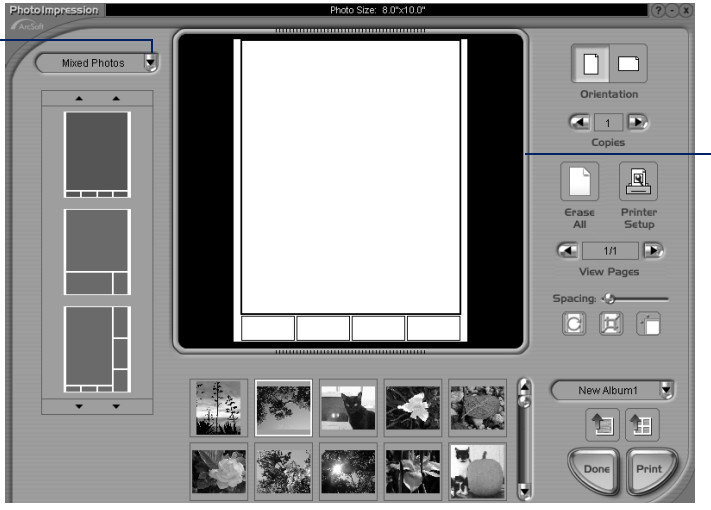
Windows Instructions

1. Start PhotoImpression. To do this, click Start, point to Programs, ArcSoft PhotoImpression, and click PhotoImpression 3.0.

You see the main PhotoImpression screen:



2. Import your picture file(s) into an album, or select an album containing the picture(s) you want to print. (See PhotoImpression's online help for instructions.)
3. If you want to make any changes to a photo, double-click it to place it in the edit screen, then make your edits. (See PhotoImpression help for details on editing photos.)
4. Click Print, then click the  Multiple Printing icon. You see the print screen:



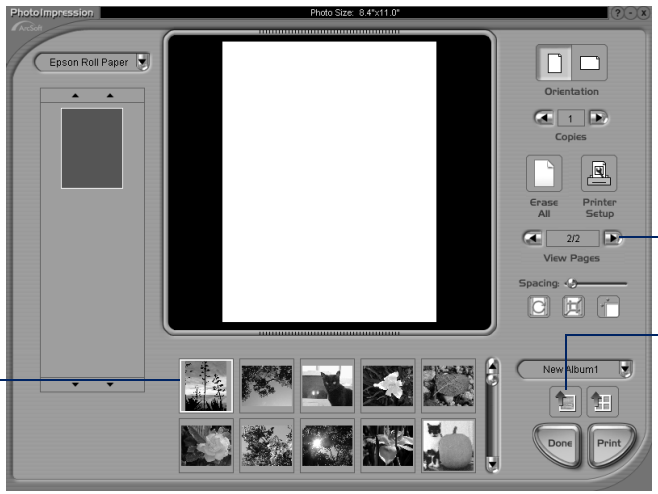
5. Click the down arrow in the upper left corner of the screen three times to select Epson Roll Paper.

6. Select the photo(s) you want to print.

   If you want to print all the photos in your album, click the button in the bottom right corner of the screen.

   To print one photo, click the photo to select it, then click the button in the bottom right corner of the screen. The photo appears in the image tray. (You can also double-click a photo or drag it to the image tray.)

   If you want to print more than one photo, hold down the Ctrl key as you click each photo, and then click the button to move all the images to the image tray. (Thumbnails of selected images are framed in yellow.)

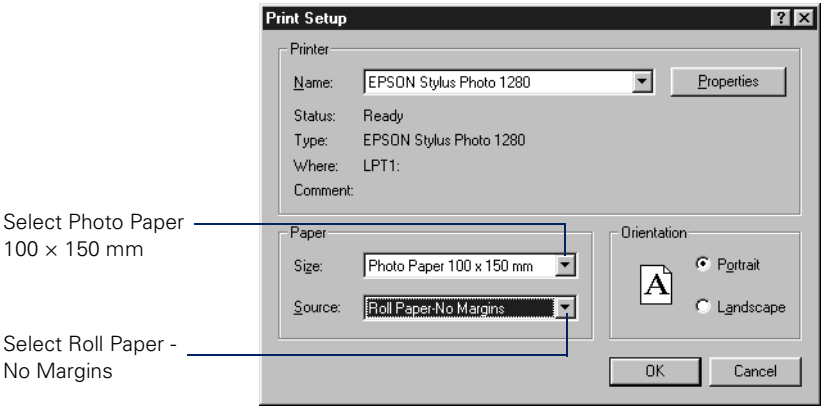


7. Click the Printer Setup button on the right side of the screen. Then click Properties to display your printer settings dialog box.

8. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded. See page 37 for details about selecting the correct Media Type.

9. Click OK to close the Properties dialog box.

10. On the Print Setup dialog box, select Photo Paper 100 × 150 mm as the Size, and Roll Paper - No Margins as the Source. Then click OK. (You don't have to change the Orientation, regardless of how your photos are positioned.)



11. To begin printing, click the Print button in the lower right corner of the PhotoImpression print screen. Your photos print with no space between them and no space on the sides. Follow the steps on page 70 to remove and store your pictures.

NOTE

The printer pauses for a few seconds between printing each photo. Don't cancel the print job or try to pull the roll paper toward the output tray; wait for the printer to resume printing.

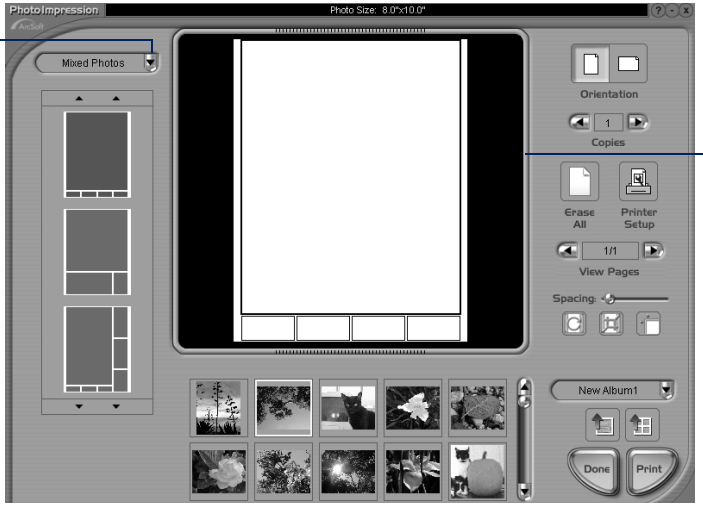
Macintosh Instructions

1. Start PhotoImpression. To do this, open the PhotoImpression folder and double-click the icon.

You see the main PhotoImpression screen:



2. Import your picture file(s) into an album, or select an album containing the picture(s) you want to print. (See PhotoImpression help for instructions.)
3. If you want to make any changes to a photo, double-click it to place it in the edit screen, then make your edits. (See PhotoImpression help for details on editing photos.)
4. Click Print, then click the  Multiple Printing icon. You see the print screen:



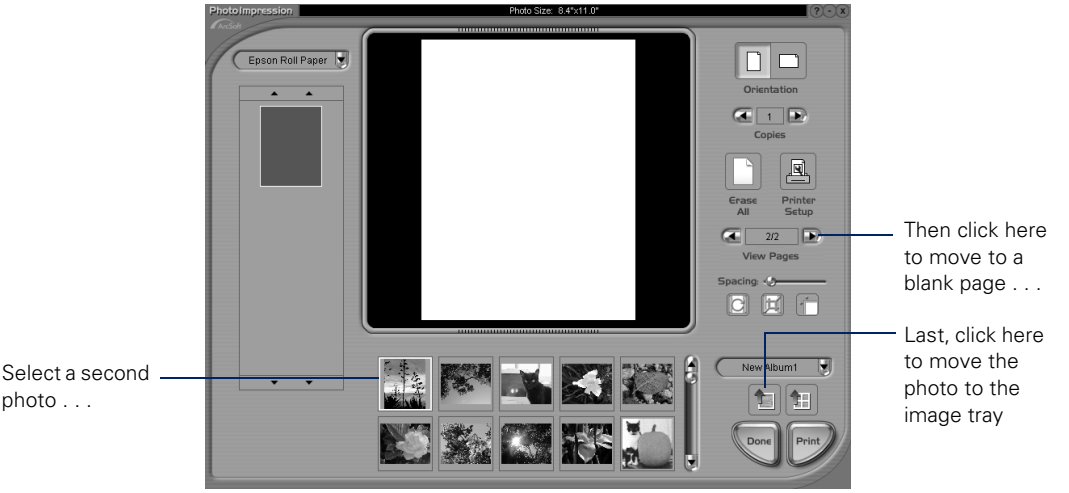
5. Click the down arrow in the upper left corner of the screen to select Epson Roll Paper.

6. Select the photo(s) you want to print.

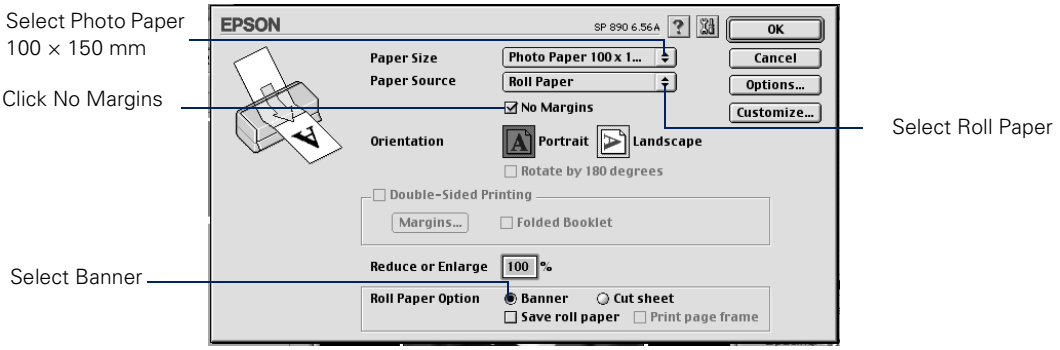
   If you want to print all the photos in your album, click the button in the bottom right corner of the screen.

   To print one photo, click the photo to select it, then click the button in the bottom right corner of the screen. The photo appears in the image tray. (You can also double-click a photo or drag it to the image tray.)

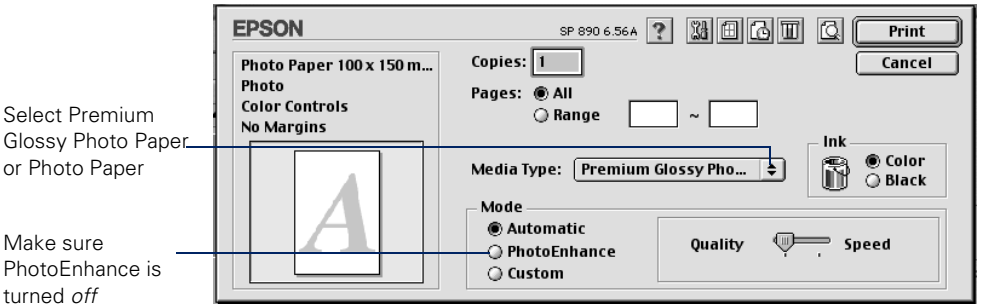
   To print more than one photo, hold down the control key as you click each photo, and then click the button to move the selected photos to the image tray. (Thumbnails of selected photos are framed in yellow.)



7. Click the Printer Setup button on the right side of the screen to display the page setup dialog box.



8. Do the following:
   - Select Photo Paper 100 × 150 mm as your Paper Size.
   - Select Roll Paper as your Paper Source.
   - Click the No Margins box to select it.
   - Select Banner as the Roll Paper Option.
9. Click OK to close the page setup dialog box.
10. Click the Print button in the lower right corner of the PhotoImpression print screen. You see the printer settings dialog box.



11. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded. See page 37 for details about selecting the correct Media Type.

12. Click Print to begin printing. Your pictures print with no space between them and no space on the sides. Follow the steps on page 70 to remove and store your pictures.



The printer pauses for a few seconds between printing each photo. Don't cancel the print job or try to pull the roll toward the output tray; wait for the printer to resume printing.

Printing Snapshots with Photoshop LE

First load your 4-inch wide roll paper, as described on page 42. Then follow the steps in the section for your operating system below.

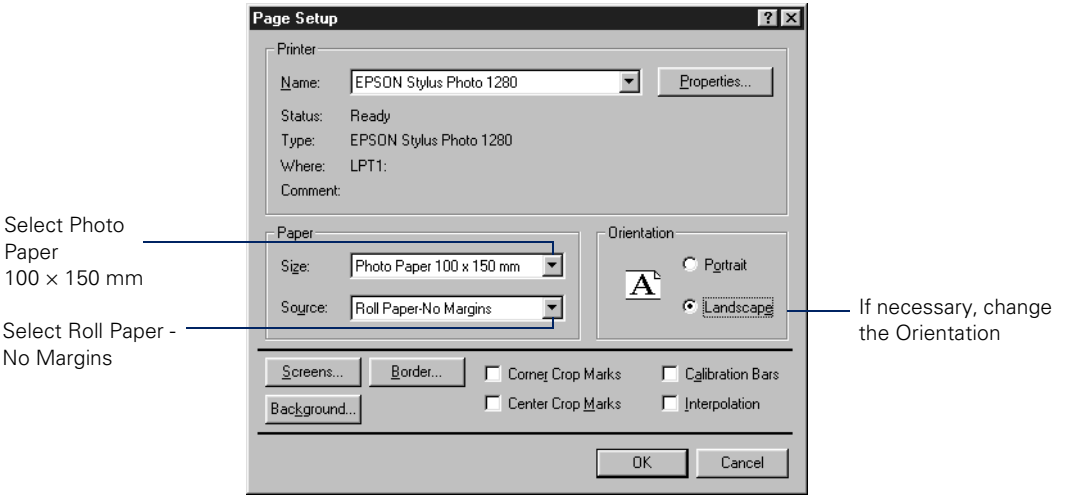


Adobe Photoshop LE only comes with the EPSON Stylus Photo 1280.

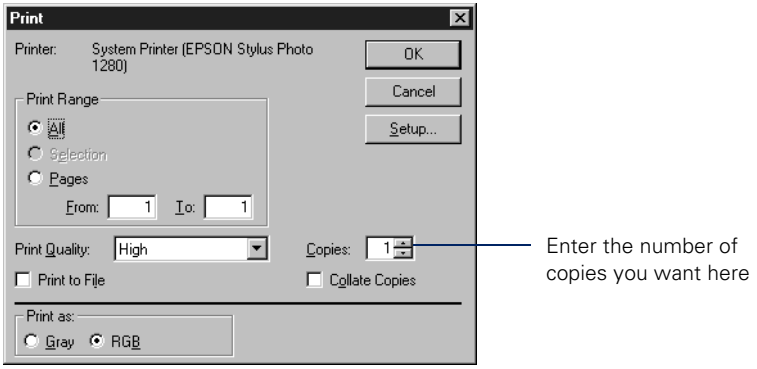
Windows Instructions

1. Start Photoshop. Click Start, point to Programs, Adobe, Photoshop 5.0 Limited Edition, and select Adobe Photoshop 5.0 Limited Edition. You see the Photoshop main screen.
2. Select the picture you want to print, modify it as necessary, and size it to 4 × 6 inches. (See Photoshop help for instructions.)
3. When you're ready to print, select Print from the File menu.
4. Click Setup, and then click Properties. You see the printer software Properties dialog box.
5. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded. See page 37 for details about selecting the correct Media Type.
6. Click OK.

7. On the Page Setup dialog box, select Photo Paper 100 × 150 mm as the Size and Roll Paper - No Margins as the Source. If your photo's width is greater than its height, select Landscape as the Orientation.



8. Click OK to save your settings and close the Page Setup dialog box.
9. Enter the number of copies you want to print of this photo in the Copies box.

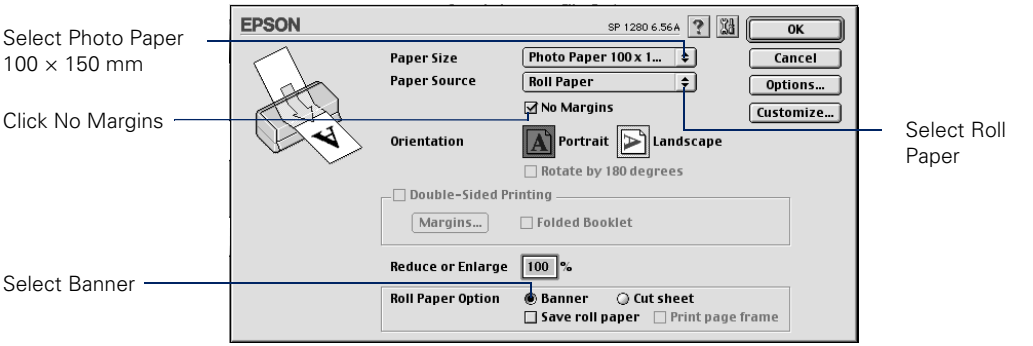


10. Click OK to start printing.

If you're printing more than one copy, your photo prints edge-to-edge, with no spaces between the copies. Follow the steps on page 70 to remove and store your pictures.

Macintosh Instructions

1. Start Photoshop. Open the Adobe Photoshop 5.0 LE folder and double-click the Adobe Photoshop 5.0 LE icon. You see the Photoshop main screen.
2. Select the picture you want to print, modify it as necessary, and size it to 4 × 6 inches. (See Photoshop help for instructions.)
3. When you're ready to print, select Page Setup from the File menu. You see your printer software's page setup dialog box.



4. Do the following:
   - Select Photo Paper 100 × 150 mm as your Paper Size.
   - Select Roll Paper as your Paper Source.
   - Click the No Margins box to select it.
   - If your photo's width is greater than its height, select Landscape as the Orientation
   - Select Banner as the Roll Paper Option.
5. Click OK to close the page setup dialog box.



You may see a Photoshop message warning that your image will be clipped. Click Proceed.

6. Select Print from the File menu. On your print settings dialog box, select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded. See page 37 for details about selecting the correct Media Type.
7. Make sure the PhotoEnhance setting is turned off, and then click Print to begin printing.

If you're printing more than one copy, your photo prints edge-to-edge, with no spaces between copies. Follow the steps on page 70 to remove and store your pictures.

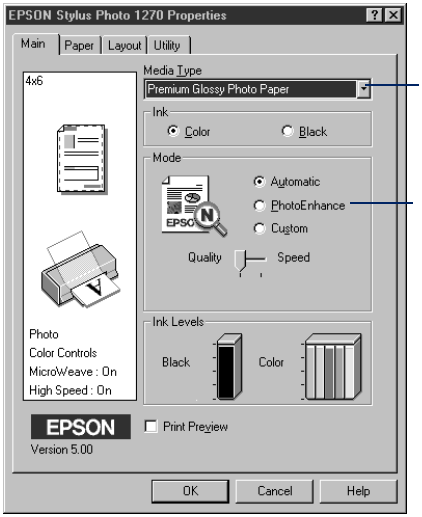
Printing Panoramics or Banners on Roll Paper

You can print your favorite panoramic photographs or colorful banners on your roll paper using an application such as Adobe Photoshop. First load the roll paper in your printer. Then follow the steps in one of the sections below.

Windows Instructions

1. Start Photoshop. To do this, click Start, point to Programs, Adobe, Photoshop 5.0 Limited Edition, and select Adobe Photoshop 5.0 Limited Edition. You see the Photoshop main screen.
2. Open your panoramic picture or banner document, or create a new one with Photoshop. (See Photoshop's online help for instructions.)
3. Size your panoramic or banner as necessary. If you want white borders on the top and bottom of your image, make your Canvas Size larger than your Image Size. (See Photoshop help for instructions.)
4. Select Print from the File menu. You see the Page Setup dialog box.
5. Click Setup, and then click Properties. You see the printer software Properties dialog box.

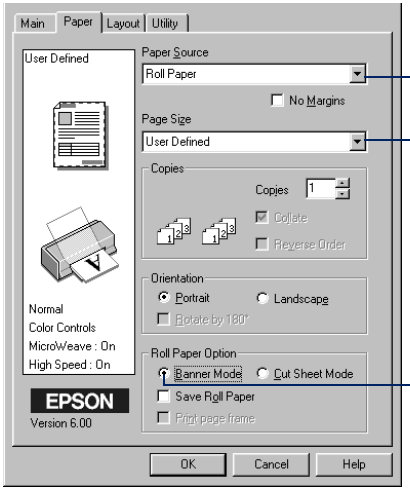
6. Click the Main tab, if necessary. Select either Premium Glossy Photo Paper or Photo Paper as the Media Type setting, depending on what type of roll paper you've loaded. See page 37 for details about selecting the correct Media Type.



Select Premium Glossy Photo Paper or Photo Paper

Make sure PhotoEnhance is turned *off*

7. Click the Paper tab.
8. Select these settings:
   - Roll Paper as the Paper Source; this leaves a margin of at least 0.12-inch (3 mm) at the beginning and end of the image
   - User Defined as the Page Size; enter the size of your document in the dialog box that appears and name your custom page size
   - Banner Mode as the Roll Paper Option



Select Roll Paper

Select User Defined, enter your document size, and name the custom page size

Select Banner Mode



If you want to print a cutting line at your page boundaries, select Cut Sheet Mode, then click the Print page frame checkbox.

9. Click OK. You return to the Page Setup dialog box. Confirm that your Paper Size and Source settings are correct.
10. Click OK again. You return to the Print dialog box.

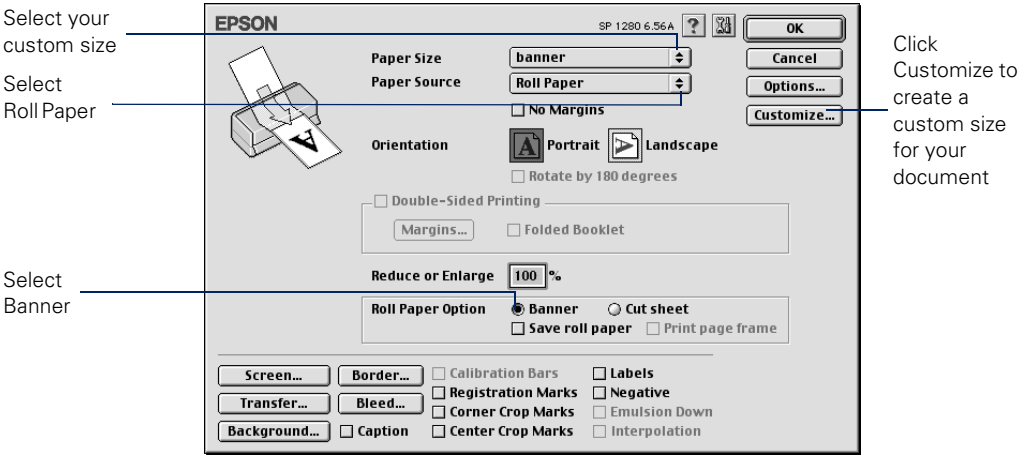
11. Click OK. Your banner prints with a 0.8-inch (20 mm) leading edge and 0.12-inch (3 mm) margins at the beginning and end of the image. Follow the steps on page 70 to remove and store your banner.

If your printer seems to be printing the wrong page size, repeat steps 4 through 11.

The spaces between pages or print jobs on roll paper may vary, depending on the application you're using and the way you create your document.

Macintosh Instructions

1. Start Photoshop. To do this, open the Adobe Photoshop 5.0 LE folder and double-click the Adobe Photoshop 5.0 LE icon. You see the Photoshop main screen.
2. Open your panoramic picture or banner document, or create a new one with Photoshop. (See Photoshop Help for instructions.)
3. Size your panoramic or banner as necessary. If you want white borders on the top and bottom of your image, make your Canvas Size larger than your Image Size. (See Photoshop Help for instructions.)
4. Select Page Setup from the File menu. You see your Page Setup dialog box:



5. Select these settings:
   - Roll Paper as the Paper Source; this leaves a margin of at least 0.12-inch (3 mm) at the beginning and end of your image
   - Banner as the Roll Paper Option
   - Click the Customize button and enter the size of your panoramic or banner, name the size, and click OK. The custom size is automatically selected as the Paper Size setting.



If you want to print a cutting line at your page boundaries, select Cut Sheet Mode, then click the Print page frame checkbox.

6. Click OK.
7. Select Print from the File menu.



You may see a Photoshop warning indicating that the image is larger than the printable area. Click Proceed.

8. On your print settings dialog box, select either Photo Paper or Premium Glossy Photo Paper as the Media Type setting, depending on the type of roll paper you've loaded. See page 37 for information about selecting the correct Media Type.
9. Make sure the PhotoEnhance setting is turned *off*.
10. Click Print. Your banner prints with a 0.8-inch (20 mm) leading edge and 0.12-inch (3 mm) margins at the beginning and end of your image. Follow the steps on page 70 to remove and store your banner.

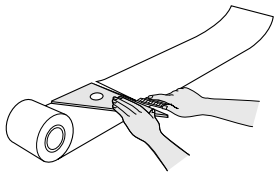


The spaces between images or print jobs on roll paper may vary depending on the application you're using and the way you create your document.

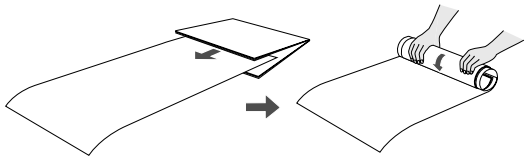
Printing on Paper Cut from a Roll

If you'll be printing on paper cut from a roll without using the roll paper holders, follow the steps below.

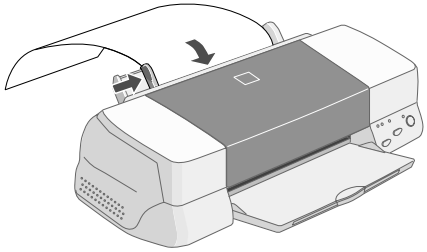
1. Before loading the paper, cut it to the desired length of your image plus two inches for the necessary margins. Cut the edge cleanly, at a 90 degree angle in each corner, to ensure proper loading.



2. Roll the edge of the paper backward to uncurl it using a folded sheet of paper to prevent your hands from marring the printable surface.

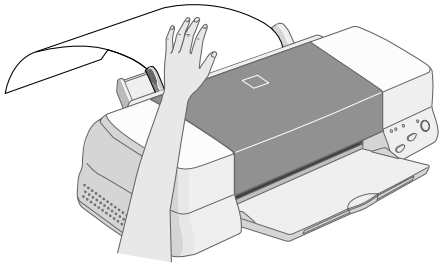


3. Remove the printer's paper support and load the sheet, with the whiter side up, as far as it will go. Slide the left edge guide against the paper.



4. Gently hold the paper in place on the top as you press and release the roll paper button to feed the paper into the printer.

   (If the paper feeds incorrectly, hold down the roll paper button for three seconds to feed the paper backward. Repeat this step until the paper rewinds completely. Then reload the paper.)



5. Open your document in your application software and access the printer settings dialog box (see page 9 [Windows] or page 16 [Macintosh] for instructions).
6. Select Photo Paper or Premium Glossy Photo Paper as the Media Type setting. See page 37 for details about selecting the correct Media Type.
7. Select Roll Paper as the Paper Source setting.

8. **Windows**: Select User Defined as the Paper Size setting, then input the size of your cut paper.

   Macintosh: Click the Customize button, then input the size of your cut paper and click OK. The custom size is automatically selected as the Paper Size setting.

   (Remember, your cut paper size should be at least two inches longer than your document size to provide the correct margins.)

   NOTE In Windows, click the Paper tab to access the Paper Size and Paper Source settings; on a Macintosh, select Page Setup from the application's File menu.

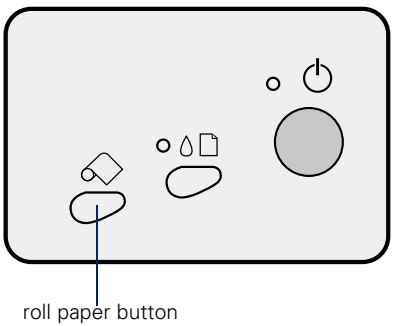
9. Click OK (or Print). You may need to click OK (or Print) on another screen to start printing.
10. When you're finished printing, press and release the roll paper button. The printer feeds the paper forward 0.8-inch (2 mm) and creates a cut line.
11. Trim the paper at the cut line, and then press and hold the roll paper button for at least three seconds to rewind the paper. (You may need to press the roll paper button more than once to rewind the paper completely.)

Store your printout in a resealable plastic bag. Keep both printed and unused roll paper away from high temperatures and humidity and out of direct sunlight.

Removing and Storing Roll Paper

When you finish a print job on roll paper, you can position the paper for another roll paper print job or remove it from the printer. Follow these steps:

1. Press the roll paper button. The printer prints a small line on the roll paper to show you where to cut it and feeds the paper forward.
2. If you want to print another print job on the roll paper, press the roll paper button again; the paper feeds back into the printer. Then send the next print job; the paper will move into the correct loading position before printing.



If you're finished printing on roll paper, follow the rest of the steps to remove it.

3. Cut the roll paper on the side of the line facing away from the printer. Make your cut as straight as possible to avoid feeding problems.



Don't pull on the paper as you cut it; you may damage your printout.

It's a good idea to use a triangle or other tool to make sure the end of the roll paper is cut perpendicularly. A diagonal cut may cause paper feeding problems.

4. Hold down the roll paper button for about three seconds. The roll paper feeds backward, so you can remove it from the sheet feeder. (You may need to repeat this step to back it all the way out.)
5. Remove the roll paper from the holder right away and return the unused roll to its original package.

Store your printout in a resealable plastic bag. Keep both printed and unused roll paper away from high temperatures and humidity and out of direct sunlight.



After you rewind the roll paper, the maintenance light remains on. You must press the maintenance button to turn the light off before you can resume printing.

Maintaining Your Printer

This section describes maintenance procedures to keep your printer working at its best and preparation steps for moving your printer. Follow the instructions here for:

- cleaning the print head (below)
- replacing an ink cartridge (on page 76)
- aligning the print head (on page 80)
- cleaning the printer (on page 81)
- transporting the printer (on page 82)

For more details, see your electronic *Reference Guide,* as described on page 4.

Cleaning the Print Head

If your printed image is unexpectedly light or faint, or dots are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Cleaning the print head uses ink, so clean it only if print quality declines.

This section explains how to clean the print head using the printer's Head Cleaning utility, which is the recommended method. You can also clean the print head by holding down the maintenance button on the control panel for three seconds, and then printing a page to test print quality. See your electronic *Reference Guide* for details.



When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

If your paper comes with a cleaning sheet, don't use it with your printer; it may jam inside the printer.

Follow these steps to run the Head Cleaning utility:

1. Make sure the printer is turned on but not printing, and that the maintenance light is off.

NOTE You can't clean the print head if the maintenance light is flashing or on. Replace the appropriate ink cartridge instead.

2. If you have an application running, access the printer settings dialog box as described on page 9 (Windows) or page 15 (Macintosh).

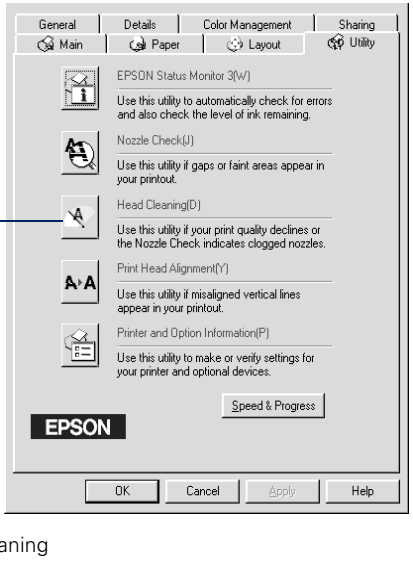
   Or, with Windows, click Start, point to Settings, then select Printers. Right-click your EPSON Stylus Photo printer icon in the Printers window. Then select Properties (Document Defaults in Windows NT, Printing Preferences in Windows 2000).

3. **Windows**: Click the Utility tab.

   Macintosh: Click the Utility button.

4. On the Utility menu, click the Head Cleaning button.

5. Follow the instructions on the screen to clean the print head. Cleaning takes about 30 seconds, during which the printer makes some noise and the power light flashes.



Head Cleaning button

CAUTION Never turn off the printer while the power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

6. When the power light stops flashing, run a nozzle check to confirm that the print head nozzles are clean.

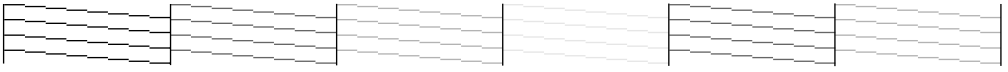
Make sure paper is loaded in the printer and click Print nozzle check pattern (Windows) or Confirmation (Macintosh). Then click Next. The nozzle check pattern prints (see below for details).

7. If the nozzle check pattern has no gaps in its lines, click Finish.

   If the pattern has any gaps, click Clean to clean the print head again. If you don't see any improvement after cleaning three or four times, check the solutions in "Print Quality Problems" on page 89. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

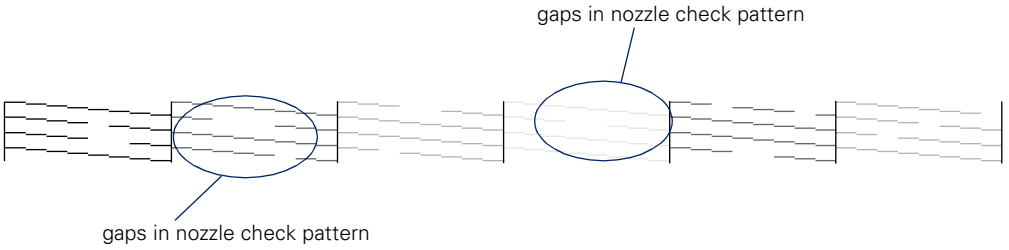
Examining the Nozzle Check Pattern

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



Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If there are gaps in the lines, clean the print head again; see page 73 for instructions.



Replacing an Ink Cartridge

When the maintenance and power light are both flashing, one of your ink cartridges is low on ink. This is a good time to make sure you have a new cartridge. When the maintenance light and power light both stay on, an ink cartridge is empty and you need to replace it.



You cannot print if either ink cartridge is empty. Leave the empty cartridge installed in the printer until you have obtained a replacement; otherwise the ink remaining in the print head nozzles may dry out.

When an installed ink cartridge is more than six months old, you may also need to replace it if you notice that your printouts don't look as good as they used to. If print quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the maintenance and power lights aren't flashing.

To check the level of ink you have left, do the following:

Windows: Check the ink level graphic in the printer software. See page 9 for instructions on opening the software.

Macintosh: Check the EPSON Monitor 3 utility. To access the EPSON Monitor 3 utility, select Print from your application's File menu, and then click the ink level icon in your main printer settings dialog box.

Use these EPSON ink cartridges within six months of installing them and before the expiration date on the package:

Printer	Black Ink Cartridge	Color Ink Cartridge
EPSON Stylus Photo 890	T007201	T008201
EPSON Stylus Photo 1280	T007201	T009201



To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

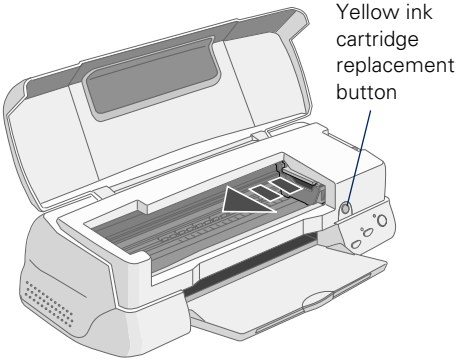
When you need new ink cartridges, contact your dealer or call the EPSON Store at (800) 873-7766. You can also visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Removing and Installing Ink Cartridges

Be sure you have a new ink cartridge before you begin. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

Follow these steps to replace ink cartridges:

1. Make sure the printer is turned on and not printing.
2. Open the printer cover and press the yellow ink cartridge replacement button. The print head moves left to the ink cartridge replacement position.

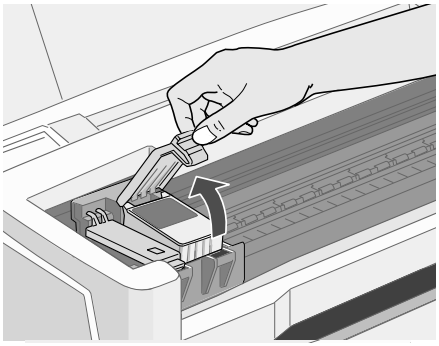


CAUTION To avoid damaging the printer, never move the print head by hand.

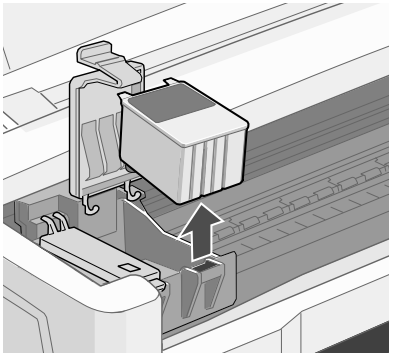
3. Check the control panel to see which ink cartridge is low on ink:
   - If the maintenance light is flashing at the same speed as the power light, replace the black ink cartridge.
   - If it's flashing faster, replace the color ink cartridge.

NOTE If both the maintenance light and the power light are on, one of the ink cartridges is empty. Check the ink levels in the printer driver or EPSON Monitor 3 to see which cartridge you need to replace.

4. The color cartridge is on the right and the black cartridge is on the left. Pull up the ink cartridge clamp all the way. The cartridge rises up from its holder.



5. Lift the cartridge out of the printer and dispose of it carefully.

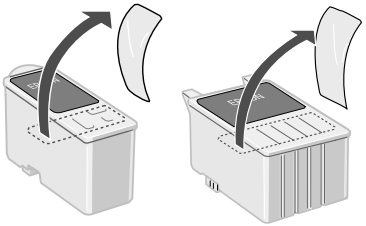




Keep ink cartridges out of the reach of children and do not drink the ink.

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. Unwrap the new ink cartridge. Then remove the yellow tape seal on top.

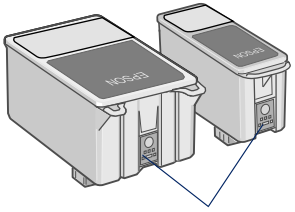


black cartridge color cartridge



You must remove the yellow tape from the top of the cartridge or you will permanently damage it. Don't pull off the blue portion or try to remove the clear seal underneath the cartridge.

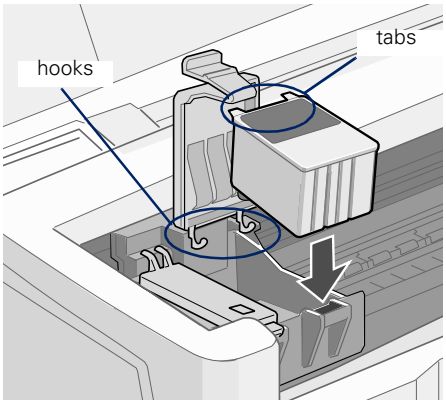
Don't touch the green circuit board on the back of the cartridge; you may inhibit normal operation and printing.



Don't touch the green circuit boards on the back

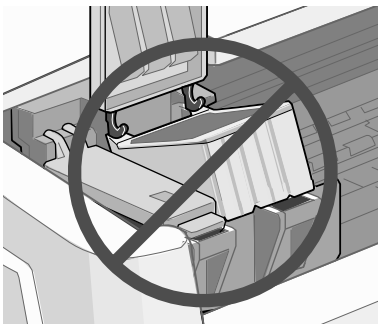
7. As you're facing the printer, tilt the ink cartridge forward (toward you) slightly as you lower it into its holder.

   Locate the tabs at the back of the cartridge. Rest the tabs **on top** of the hooks on the holder clamp.

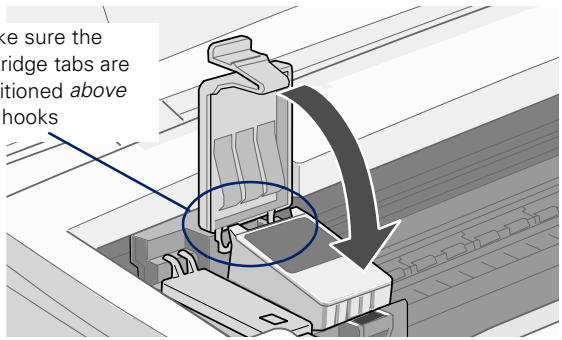


CAUTION

Don't place the cartridge tabs *under* the hooks on the holder clamp; you may damage the clamp when you close it.



8. Press down the ink cartridge clamp until it locks in place. (The color clamp is a bit harder to close than the black clamp.)
9. If you need to replace the other ink cartridge, repeat steps 4 through 8 before continuing with step 10.



10. Press the yellow ink cartridge replacement button and close the printer cover. The printer moves the print head and begins charging the ink delivery system.

    The ⏻ power light flashes, and the printer makes noise. Charging takes about one minute. When it's finished, the ⏻ power light stops flashing and stays on.



Never turn off the printer while the ⏻ power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head. Your printer must be connected to a local port, not on a network, to use the Print Head Alignment utility. Follow these steps:

1. Make sure the printer is turned on but not printing, and letter-size paper is loaded.

   Load letter or A4-size paper to print the entire bidirectional alignment test pattern.

   For the best results, load EPSON ink jet paper in the printer whenever you check the print head alignment.

2. If you have an application running, access the printer settings dialog box as described on page 9 (Windows) or page 15 (Macintosh).

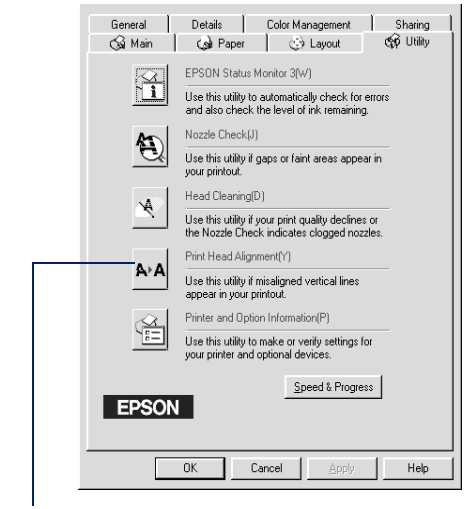
   Or, with Windows, click Start, point to Settings, then select Printers. Right-click your EPSON Stylus Photo printer icon in the Printers window. Select Properties (Document Defaults in Windows NT, Printing Preferences in Windows 2000).

3. **Windows**: Click the Utility tab.

   Macintosh: Click the  Utility button.

4. You see the Utility menu. Click the Print Head Alignment button.
5. Follow the instructions on the screen to print a test page.
6. Select the most precise alignment pattern from the choices on the test page. Enter the number of the best aligned pattern following the instructions on the screen.

   You may need to repeat steps 4 through 6 more than once to align your print head completely.



Print Head Alignment button

Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year. Follow these steps:

1. Turn off the printer and wait for the ⏻ power light to go out.
2. Unplug the power cord and disconnect the printer cable.
3. Remove all the paper from the sheet feeder.
4. Clean the exterior of the printer with a soft, damp cloth.

CAUTION

Don't touch the gears inside the printer.

Never use a hard or abrasive brush, or alcohol or thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components, and don't spray lubricants or oils inside the printer.

Don't use any cleaning sheets included with special media; they may jam inside the printer.

Transporting the Printer

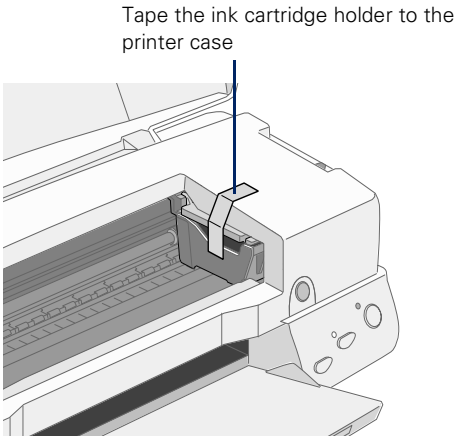
If you move your printer some distance, you need to prepare it for transportation in its original box or one of a similar size. Follow these steps:



To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 4 after installing the printer in its new location.

1. Turn on the printer, wait until the print head locks in the far right position, then turn off the printer.
2. Unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.
3. Remove any paper from the printer and remove the paper support.
4. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
5. Push in the output tray extensions and close the tray.
6. Repack the printer and attachments in the original box using the protective materials that came with it. See the *Start Here* poster for details.



Be sure to keep the printer level as you transport it.

After transporting the printer, **remove** the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 73); if output is misaligned, align the print head (see page 80).

Problem Solving

This section gives you the basics for diagnosing and solving printer problems.

- First see “Diagnosing Printer Problems” to help determine what the cause of the problem may be.
- Then see “Problems and Solutions” on page 87 for solutions to common setup and printing problems.

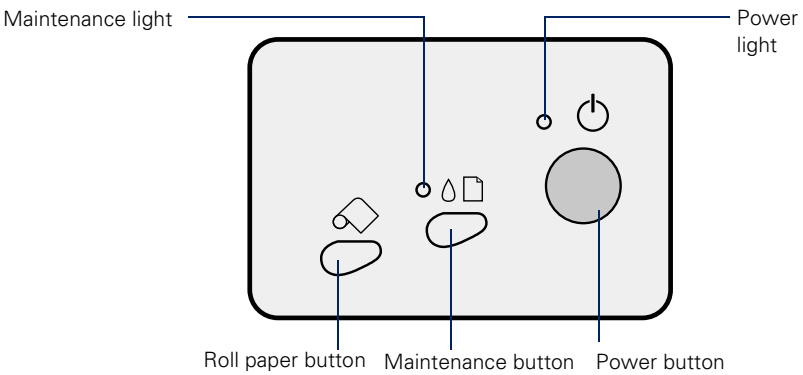


It’s a good idea to check EPSON’s support web site periodically for possible updates to your printer driver. Visit http://support.epson.com and check the section for your product to see if there is a new driver available, free of charge, for downloading to your computer. Download instructions are posted for your convenience.

Diagnosing Printer Problems

You can diagnose some problems by checking the printer’s control panel lights, as described in this section, or running a printer check, as described on page 85.

Checking the Control Panel Lights



Follow the guidelines below when you check the control panel lights:

⏻ is on or flashes	The ⏻ power light is on when the printer is ready to print. It flashes when the printer is receiving a print job, charging ink, or cleaning the print head. It also flashes when the print head moves to the ink cartridge replacement position.
🖹 is on and ⏻ flashes	When the 🖹 maintenance light comes on and the ⏻ power light flashes, paper is out or loaded incorrectly, or you have a paper jam. If paper is out or loaded incorrectly, load or reload your paper. Then press the 🖹 maintenance button to turn off the 🖹 maintenance light and resume printing. (If you're printing on roll paper, press the 🖹 maintenance button to turn off the 🖹 maintenance light, and then press the roll paper button to resume printing.) If paper is jammed, do one of the following: ■ If you're printing on any type of media but roll paper, press the 🖹 maintenance button to try to clear the jam. If that doesn't work, turn off the printer and gently pull the paper forward (toward the output tray) to pull it out. Then turn on the printer and press the 🖹 maintenance button to turn off the 🖹 maintenance light and resume printing. ■ If you're printing on roll paper, press the roll paper button for at least three seconds to clear the jam. If that doesn't work, see page 45 for details about clearing roll paper jams.
⏻ and 🖹 flash	When both the lights flash, one of the ink cartridges is low on ink. To find out which cartridge is low on ink, do one of the following: Windows: Check the ink level graphic in the printer software. See page 9 for instructions on opening the software. Macintosh: Check the EPSON Monitor 3 utility. See page 76 for instructions on accessing the utility. Then replace the ink cartridge as described on page 76.
🖹 and ⏻ are on	When both lights are on, one of the ink cartridges is out of ink. Determine which cartridge is empty by checking the ink level graphic in the printer software (Windows) or the EPSON Monitor 3 utility (Macintosh). Then replace the cartridge as described on page 76. If both lights come on after you've replaced a cartridge, you may have installed a cartridge your printer can't use.

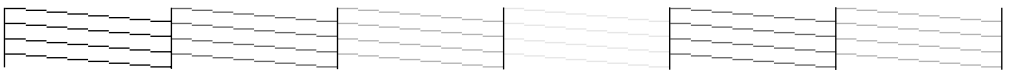
maintenance light is on and power light is off.	Jammed paper may be blocking movement of the print head, or you may have an internal error. Turn off the printer, open the cover, and check for any jammed paper. Also, make sure you removed all the packing material, as described on the *Start Here* poster. Then turn the printer back on. If the error isn't cleared, contact your dealer or EPSON. See page 96 for contact information.
power light and maintenance light are off	When both lights are off, the printer is not receiving power. Try these solutions: ■ Make sure the printer is turned on. ■ Turn off the printer, plug in the power cord securely, and turn on the printer again. ■ Make sure the outlet is working and is not controlled by a switch or timer. If in doubt, try using another outlet.

Running a Printer Check

You can run a printer check to determine whether a problem comes from the printer itself or some other source. Follow these steps:

1. Make sure both the printer and computer are turned off. Then disconnect the interface cable from the printer.
2. Make sure letter-size or larger paper is loaded in the printer.
3. Hold down the maintenance button, then press and release the power button. Continue holding down the maintenance button until the power light starts to flash, then release it.

   The printer prints one page showing its ROM version number, ink counter, and a nozzle check pattern. Only the nozzle check pattern is shown below. (If the pattern has gaps in its dots, you need to clean the print head; see page 73.)



4. To end the check, turn off the printer after it prints the check page. Then reconnect the interface cable and turn on your printer and computer.

If the check page prints, the problem probably lies in your software settings, the interface cable, or your computer. Another possibility is that your printer or application software may not be installed correctly.

If the check page doesn't print, you may have a problem with your printer. Try the suggestions in "Problems and Solutions" beginning on page 87. If nothing seems to work, contact your dealer or EPSON as described on page 97.

Problems and Solutions

Here are some troubleshooting tips if you have any problems setting up your printer, installing software, or printing.

Problems Setting Up the Printer or Installing Software

The printer makes noise after ink cartridge installation.

- The first time you install ink cartridges, the printer must charge its ink delivery system for about two minutes. Wait until charging finishes (the ⏻ power light stops flashing) before you turn off the printer or it may charge improperly and use excess ink the next time you turn it on. If the printer stops moving or making noise, but the ⏻ power light is still flashing after 5 minutes, turn off the printer. If the light is still flashing when you turn it back on, see "Where To Get Help" on page 96.
- Make sure the ink cartridge clamps are locked down completely and no packing material remains in the printer. Turn off the printer, wait a moment, then turn it back on to clear the error.

You're having problems installing the printer software.

- Make sure your printer is turned on and the printer cable is securely connected at both ends. Then carefully follow the installation instructions on the *Start Here* sheet. Also make sure your system meets the requirements beginning on page 99.
- Close your other applications, including any screen savers and virus protection software, and install again.
- For Windows NT or 2000, if you see an error message or your software doesn't install correctly, you may not have software installation privileges. Contact your System Administrator.
- If your printer icon (SP 890 or SP 1280) doesn't appear in the Macintosh Chooser, you may have too many items in the Chooser. Delete any unused items and check the Chooser again.

- For Windows 2000, if you see a Digital Signature Not Found screen, click Yes to continue with the installation. Otherwise your driver installation won't be completed.
- In Windows 2000, don't select Block under Control Panel> System> Hardware> Driver Signing; select Ignore or Warn instead.
- Make sure Windows 98, Me or 2000 was preinstalled on your system. The USB Printer Device Driver may not install correctly if you've upgraded your system from an earlier version of Windows.
- Make sure the Universal Serial Bus Controller is working properly. See your Windows online help system for details. If it's not working, contact your computer manufacturer.
- If you're printing over a network, see your electronic *Reference Guide* for instructions on configuring your printer for use on a network.

Printing Problems

Only the ⏻ power light is on, but nothing prints.

- Make sure the interface cable is connected securely and that the cable meets the system requirements on page 99 or page 100.
- Run a printer check as described on page 85. If the check page prints, make sure your printer and application software are installed correctly.
- If you're printing on a network, you need to set up your printer for network printing, as described in your electronic *Reference Guide*.

The printer sounds as though it is printing, but nothing prints.

- Make sure the print head nozzles are not clogged. To clean the print head, see page 73.
- The printer won't operate properly if it's tilted or at an angle. Place it on a flat, stable surface that extends beyond the printer base in all directions.

Your printer makes noise when you turn it on or after it has been sitting for awhile.

Your printer is performing routine maintenance.

Printing is too slow.

Make sure your system meets the requirements listed in "Notices." If you're printing a high-resolution image, you need more than the minimum requirements listed.

You may also need to:

- Clear space on your hard disk or run a defragmentation utility.
- Close open applications that you're not using.
- Increase your system's memory (RAM).

For the fastest printing, try these tips:

- Choose Black ink if your document doesn't include color.
- Set the Quality/Speed slider to Speed.
- In the printer software's Advanced dialog box, turn MicroWeave® off and/or turn High Speed on.
- If you're using a USB port, too many active USB devices may slow the printer. Disconnect USB devices that you're not using.
- If you're using the parallel port, enable ECP/DMA mode. See your computer documentation or contact the manufacturer for help.

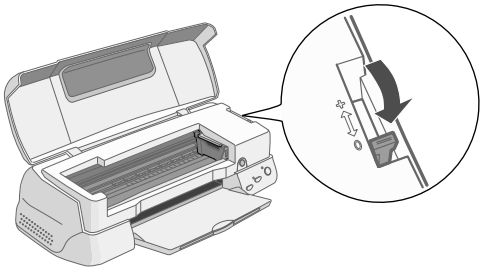
Print Quality Problems

You see banding (light lines).



- The print head nozzles may need cleaning; see page 73 for instructions.
- Make sure the Media Type setting matches the paper you loaded; see page 37 for guidelines.
- Make sure the printable side of the paper is face up. It's usually whiter or shinier.
- The ink cartridges may need replacing. To replace an ink cartridge, see page 76.
- Try using Automatic mode. See page 10 (Windows) or page 16 (Macintosh) for instructions.
- Run the Print Head Alignment utility; see page 80 for instructions.

- Set the paper thickness lever to the **0** position. Set the lever to the **+** position when you print on thicker paper or envelopes. You may also need to turn off High Speed in the printer software.



Your printout is blurry or smeared.



- Make sure your paper isn't damp or curled, or loaded face down (the printable side should be face up). If it's damp or curled, reload a new stack of paper.
- Use a support sheet with special paper, or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in the electronic *Reference Guide*.
- Use EPSON papers to ensure proper saturation and absorption of genuine EPSON inks. Non-EPSON media may not be compatible and may produce ink bleeding or pooling.
- Run the Print Head Alignment utility. See page 80 for instructions.
- Check the paper thickness lever position. If it's in the **+** position, your printer is set for thicker paper or envelopes and your image may smear. For most papers, set the paper thickness lever to the **0** position, as shown to the left.
- Remove each sheet from the output tray after printing, especially when you're printing on transparencies.

Your printout is faint or has gaps in the image.



- The print head nozzles may need cleaning; see page 73 for instructions.
- The ink cartridges may be old or low on ink. To replace an ink cartridge, see page 76.
- Make sure the Media Type setting matches the paper you loaded. See page 37 for guidelines.
- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the printable side up; it is usually whiter or shinier than the other side.

You see wrong or missing colors.

- Make sure the Ink setting is set to Color for color images and your application is set for color printing.
- The print head nozzles may need cleaning; see page 73 for instructions.
- The ink cartridges may be old or low on ink. To replace an ink cartridge, see page 76.
- Try turning off PhotoEnhance. Also check if you're using a special effect that alters image colors, like Sepia.
- Try using Automatic mode. See page 10 (Windows) or page 16 (Macintosh) for instructions.
- The color profiles built into your printer software automatically reference your monitor profile. Make sure that your monitor is calibrated correctly.
- If you're using the full version of Adobe Photoshop 5.0 or later, select Printer Color Management in the Print dialog box to match colors more closely to your actual image. If you want to match colors to what you see on your monitor, deselect Printer Color Management.
- Try experimenting with the Gamma setting on the Advanced dialog box; see page 25 for information about accessing the Advanced dialog box.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible.

Your printout is grainy.

- Try using a higher quality paper.
- Set the Quality/Speed slider to the Quality setting in your printer software; see page 10 (Windows) or page 16 (Macintosh).
- You may need to increase the image resolution or print it in a smaller size; see your software documentation.

Problems with Paper Feeding

Too many copies are printing.

Make sure that neither the Copies setting in your printer software or application is set for multiple copies.

Paper doesn't eject fully or is wrinkled.

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the maintenance button to eject the paper, and then select the correct paper size in your application or printer software.
- If it's wrinkled when it ejects, the paper may be damp or too thin.

Paper doesn't feed correctly or jams in the printer.

- If paper doesn't feed, remove it from the sheet feeder, reload it against the right edge, then slide the left edge guide against the paper.
- If multiple pages feed at once, remove the stack from the sheet feeder, fan the edges to separate the sheets, and carefully reload it.
- If paper jams, press the maintenance button for several seconds to clear the jam. If that doesn't work, turn off the printer and gently pull the paper forward (toward the output tray) to pull it out. Reload the paper and press the maintenance button.
- If you try to print while the maintenance light is on, your paper won't feed properly. Press the maintenance button to turn off the light before you print.

If your paper loads incorrectly or jams frequently:

- Use new, smooth, high-quality paper, loaded printable side up.
- Don't load paper above the arrow mark on the left edge guide.
- Place the paper against the right edge and slide the left edge guide against it, but not too tightly.

Roll paper doesn't feed correctly.

- To load paper correctly, gently hold the paper in place with your hand while you press the button. Don't force the paper to feed into the printer. Allow the paper to feed automatically.
- Use a triangle or other tool to make sure the end of the roll is cut perpendicular to the edges. If the end is cut on a diagonal, the paper may not feed smoothly.
- If you see a paper jam error message, press the roll paper button for four seconds to clear the error.
- If the maintenance light is on, press the maintenance button and wait for the light to go off. Then press the roll paper button to resume printing.
- Remove the paper support and close the output tray extensions.
- Always select Roll Paper as the Paper Source setting. If Sheet Feeder (or Auto Sheet Feeder) is selected, paper will feed unnecessarily after each print job. In addition, a great deal of paper may feed unnecessarily when you turn your computer off and then on again.
- If extra paper feeds after a print job or after you turn on the printer, press the roll paper button for three seconds to rewind the paper. (You may need to repeat this step to rewind the paper completely.) Then press the maintenance button to turn off the maintenance light. Finally, reload the paper and press the roll paper button again to resume printing.
- Always press the roll paper button to feed roll paper. If you press the maintenance button instead and then turn either the printer or your computer off and on again, paper will feed unnecessarily and you'll see a paper jam error message.
- If paper is curled, roll the paper inside the uncurling sheet in the direction opposite to the paper's curl. You don't need to uncurl the entire roll—only about 9.3 inches.

Solving Miscellaneous Printout Problems

The image is inverted.

Turn off Flip Horizontal in the printer software or the mirror setting in your application. (If you're printing on EPSON Iron-On Cool Peel Transfer Paper, the image *should* be inverted.)

The printer prints blank pages.

- Make sure your printer is selected in your application, or as the active printer in the Macintosh Chooser.
- The print head nozzles may need cleaning. See page 73.

The margins are incorrect.

- Make sure the paper settings in your printer software are correct for your paper size. See the electronic *Reference Guide* for instructions.
- See your software documentation for instructions on choosing the correct margins for your paper size. The margins must be within the printable area of the page. See "Printer Specifications" in your electronic *Reference Guide*.

Image size or position is incorrect.

Make sure paper and layout options are set correctly.

You see incorrect characters.

- Make sure the interface cable is securely connected and meets the system requirements on page 99 or page 100. Then try printing again.
- Make sure your printer is selected in your application, or as the active printer in the Macintosh Chooser.
- If you're using a switch box with your printer, connect the printer directly to your computer.

The wrong page size or number of copies prints (Windows).

Open your printer software Properties dialog box and make the settings again.

Uninstalling Printer Software

If you need to uninstall and then reinstall your printer software, such as when you upgrade your computer operating system, follow these steps:

Uninstalling Windows Software

1. Double-click  My Computer, then double-click the Control Panel icon.
2. Double-click Add/Remove Programs. Click EPSON Printer Software in the program list, and click the Add/Remove button (Change/Remove button on Windows 2000).
3. In the next window, make sure your EPSON Stylus Photo printer icon is selected and click OK. Then follow the on-screen instructions.
4. If you're using the USB port, click EPSON USB Printer Devices in the program list; then click the Add/Remove (or Change/Remove) button.
5. Restart your computer when you're done.

Uninstalling Macintosh Software

1. Insert your printer software CD-ROM. When the CD-ROM window opens, double-click the  EPSON icon.
2. Click Install Printer Driver, then click Continue.
3. On the installer screen, click the arrow in the Easy Install list at the top and select Uninstall. Then click the Uninstall button at the bottom and follow the instructions. When you're finished, click Quit.
4. Restart your Macintosh.

Reinstalling Printer Software

Before reinstalling your printer software, first uninstall it as described above. Then follow the instructions below.



For detailed installation instructions, see your *Start Here* poster. Remember that you don't need to reinstall your photo software or electronic manual, and you won't see the license agreement.

Windows

1. Insert your printer software CD-ROM. Double-click  My Computer, and then double-click your  CD-ROM or DVD drive icon.
2. Double-click the  EPSON icon. The Main Menu appears.
3. Click Install Printer Driver and follow the instructions on your screen. Restart your computer when you're done installing software.

Macintosh

1. Insert your printer software CD-ROM. Your CD-ROM window opens. (If it doesn't open, double-click the EPSON CD-ROM icon.)
2. Double-click the  EPSON icon. You see the Main Menu.
3. Click Install Printer Driver and follow the instructions on your screen. Restart your Macintosh when you're done.

Where To Get Help

If you need help with your printer or its software (or EPSON Software Film Factory), see the contact information in the next section. If you need help using the photo software that came with your printer, see page 98. If you need help using other software with your printer, see the documentation for that software for technical support information.

EPSON Technical Support

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at **http://support.epson.com**. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call **(800) 922-8911**.

To speak to a technical support representative, dial:

- U.S.: **(562) 276-7296**, 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday.
- Canada: **(905) 709-2567**, 6 AM to 6 PM, Pacific Time, Monday through Friday.

  Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus Photo 890 or EPSON Stylus Photo 1280)
- Product serial number (located on the back of the printer)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from EPSON at (800) 873-7766, or visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Photo Software Technical Support

If you need help with the bonus photo software that came with your printer, please contact the software manufacturer, as listed below.

Software	Web site	E-mail	Telephone
ArcSoft PhotoImpression ArcSoft PhotoStudio	www.arcsoft.com/techmain.htm	support@arcsoft.com	(510) 440-9901 8:30 AM to 5:30 PM, PST, Monday through Friday
QBeo PhotoGenetics	www.qbeo.com	support@qbeo.com	U.S.: (800) 689-0639 Canada: (425) 888-6609, 8:00 AM to 5:00 PM, PST, Monday through Friday
Adobe Photoshop LE*	www.adobe.com/products/photoshople/support.html	techdocs@adobe.com	(206) 675-6126 6:00 am to 5:00 pm, PST, Monday through Friday (pay support)
MonacoEZcolor**	www.ezcolor.com/faq/html	tech@monacosys.com	(978) 749-9944 9:00 am to 5:00 pm, EST, Monday through Friday

* EPSON Stylus Photo 1280 owners have an exclusive upgrade price of $299 for the full version of Adobe Photoshop. To upgrade or for more information on this offer, call 1-800-492-3623 and mention Source Code 56100. The offer expires 9/30/02.

** The MonacoEZcolor software offer is available at a discounted price for EPSON Stylus Photo 1280 owners, for a limited time. Although you can install MonacoEZcolor Lite from your printer CD-ROM, you can only create a monitor profile with this version. The color management package, which includes software, a T8 target print, and a corresponding target file, lets you create printer and scanner profiles as well. The color management package is available for $199 (U.S.)—that's one-third off the retail price of $299. Call (978) 749-9944 to order from Monaco Systems. The offer expires 4/30/02.

Notices

This chapter includes system requirements, safety instructions, legal notices, and other important information.

Windows System Requirements

To use your printer and its software, your system should have:

- A Microsoft® Windows® compatible PC with a Pentium® or better processor, 200 MHz or faster, recommended
- Windows 95, Windows 98, Windows Me, Windows NT 4.0, or Windows 2000
- 64MB of RAM (128MB or more recommended)
- 150MB of free hard disk space (200MB or more recommended)
- VGA or better display adapter and monitor
- CD-ROM or DVD drive for installing the printer software
- Parallel connection: a high-speed, bidirectional IEEE-1284 compliant parallel cable, up to 10 feet long (3 meters); the cable must have a D-SUB, 25-pin, male connector for your computer, and a 36-pin, Centronics® compatible connector for the printer.

  USB connection: a computer running Windows 98, Windows Me or Windows 2000, with a Windows-compliant USB port and a shielded USB "AB" cable up to 6.5 feet (2 meters) long.



Using an improperly shielded USB cable—especially a cable more than 6.5 feet (2 meters) long—may cause the printer to malfunction.

Macintosh System Requirements

To use your printer and its software, your system should have:

- An Apple® iMac™ series or Power Macintosh® G3 or G4 with built-in USB port
- Mac® OS 8.5.1 or later



If you're running OS 8.5.1 on your iMac, Apple recommends that you install iMac Update 1.1.

Download the update for your system from Apple at http://asu.info.apple.com. Contact Apple if you have problems installing an update.

- 64MB of available RAM (more recommended)
- 150MB of free hard disk space (200MB recommended)
- VGA display or better
- CD-ROM or DVD drive for installing the printer software
- A shielded USB "AB" cable up to 6.5 feet (2 meters) long.



Using an improperly shielded USB cable—especially a cable more than 6.5 feet (2 meters) long—may cause the printer to malfunction.

ENERGY STAR Compliance

As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The EPA ENERGY STAR office equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.

Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the printer safely and effectively:

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer's label.
- 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.
- Place the printer near a wall outlet where the plug can be easily unplugged.

  Placez l'imprimante près d'une prise de contacte où la fiche peut être débranchée facilement.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, 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.
- Keep your printer and computer system away from potential sources of electromagnetic interference, such as loudspeakers or cordless telephone base units.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the printer for sufficient ventilation.
- Do not place the printer near a radiator or heating vent or in direct sunlight.

- Place the printer on a flat, stable surface that extends beyond the printer base in all directions. The printer will not operate properly if it is tilted or at an angle.
- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.
- Always turn the printer off using the ⏻ power button. The ⏻ power light flashes briefly and then goes off. Don't switch off the power strip or unplug the printer until the ⏻ power light is off.
- Do not block or cover the openings in the printer's case or insert objects through the slots.
- Except as specifically explained in this manual, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:

  If the power cord or plug is damaged; if liquid has entered the printer; if the printer has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Ink Cartridge Safety Instructions

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the printer or touch the cartridge during printing.
- Do not move the print head by hand. You may damage the printer.
- Install the ink cartridge immediately after you remove it from its foil package. Leaving the cartridge unpacked for a long time before use can result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge carton. For best results, use up the ink cartridges within six months of first installing them.
- Store ink cartridges in a cool, dark place.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.

- Do not shake an ink cartridge; this can cause leakage.
- 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.
- 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 the printer. 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 cartridge ink supply port or surrounding area.
- Before transporting the printer, make sure the print head is capped in the far right position and the ink cartridges are in place. Tape the ink cartridge holder to the printer case to make sure it remains in the proper position.

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or
CPU Boards and Power Supplies used with Class B Personal Computers:

We:	EPSON AMERICA, INC.
Located at:	MS: 6-43 3840 Kilroy Airport Way Long Beach, CA 90806-2469 Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name:	EPSON
Type of Product:	Ink Jet Printer
Model:	EPSON Stylus Photo 890: P157A EPSON Stylus Photo 1280: P158A

Epson America, Inc. Limited Warranty

What Is Covered: Epson America, Inc. ("Epson") warrants to the first retail purchaser that the EPSON printer covered by this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer's specifications and will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. Epson also warrants that the consumable ink cartridges enclosed with the printer will perform to the manufacturer's specified usage, which usage may expire before the expiration of the limited warranty for the EPSON printer. For warranty service, you must provide proof of the date of original purchase.

What Epson Will Do To Correct Problems: Should your EPSON printer prove defective during the warranty period, please call the EPSON Connection at (562) 276-7296 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the printer requires service. If service is needed, Epson will, at its option, exchange or repair the printer without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid, so long as you use an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If you choose not to give this information, the exchange printer will only be shipped to you after Epson receives the defective one. If your printer is being repaired, Epson will direct you to send your printer to Epson or its authorized service center, where the printer will be fixed and sent back to you. You are responsible for packing the printer and for all costs to and from the Epson authorized service center. When warranty service involves the exchange of the printer or a part, the item replaced becomes Epson property. The replacement printer or part may be new or refurbished to the Epson standard of quality, and, at Epson's option, may be another model of like kind and quality. Epson's liability for replacement of the covered printer will not exceed the original retail selling price of the covered printer. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

What This Warranty Does Not Cover: This warranty covers only normal use in the United States and Canada. This warranty is not transferable and will not apply to products purchased from an end user. This warranty does not cover any color change or fading of prints or reimbursement of materials or services required for reprinting. This warranty does not cover damage to the EPSON product caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components, or peripheral devices added to the EPSON product after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENT OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC. NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from jurisdiction to jurisdiction.

Epson America, Inc. ● P.O. Box 93012 ● Long Beach, CA 90809-3012

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EPSON Ink Jet Papers

Use EPSON paper and inks to get the same photo quality results that earn EPSON printers all of their awards! EPSON papers are specially coated to work with EPSON quick drying inks. You'll notice that when prints come out of your printer, you can immediately handle them. There is no drying time, no smearing or smudging, and your image is clean and smooth. Here are just a few of EPSON's papers:



Premium Photo Paper (Glossy, Semigloss, and Luster)

Water-resistant, photographic-weight paper with different finishes. Perfect for photographic applications and available in a variety of sizes, including rolls. Framing is recommended for these paper types.

Photo Paper and Panoramic Photo Paper

Photo quality, heavier weight glossy paper available in a variety of sizes—even a 13-inch wide roll. Perfect for color photo keepsakes of snapshots, framed art, banners, and panoramics.





Matte Paper - Heavyweight

Professional-looking, flat matte finish for printing photos and graphics on a non-glossy surface. Perfect for digital fine art work. Your prints last longer than with other media, especially when you display them under glass or store them in photo albums.

Featuring BorderFree™ technology, this printer supports EPSON's new line of borderless media, allowing you to print edge-to-edge photos in popular photo sizes.

For more information on other EPSON products and fun project ideas, look for the EPSON Print Lab℠ Series at www.epsonstore.com.

EPSON PRINT LAB SERIES™

See page 39 for a list of EPSON papers and ordering information.