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Quick Guide To Using Help

The EPSON Stylus Series Help window works just like the Help windows you find in other applications. If you are not familiar with how Help operates, here are a few tips to get you started.

Using the Help Buttons

There are seven buttons near the top of the Help window, as described below. You can "press" a button by placing the pointer on the button and clicking it with your mouse.

Contents	Returns you to the main Help contents dialog box
Search	Searches for information about a particular topic
Back	Returns you to the previous screen
History	Displays a list of the topics you have viewed
Glossary	Displays a list of glossary terms
>>	Proceeds to the next topic in the browse sequence
<<	Returns you to the previous topic in the browse sequence

Terms and Functions

Hypertext and hypergraphics are links to more information about on-screen terms, icons, and functions. In some cases, they also provide you with links to other related topics.



Important! When you move the pointer over hypertext or hypergraphics, the pointer changes from an arrow to a pointing finger. This means you can click the text or graphics to get more information.

Hypertext

Your screen displays hypertext in green.

If you click hypertext with a dotted underline, Help displays a pop-up box that contains more information about that term. To close the pop-up box, click anywhere on the screen or press any key on the keyboard.

If you click hypertext with a solid underline, Help jumps directly to that topic.

Hypergraphics

Hypergraphics are on-screen icons or graphics that you click to view more information.

Three Kinds of Help

When using the printer driver menus, click the Help button at the bottom of the menu to view the Help

window. In addition, there are two other ways to quickly learn more about a setting or option: Help Tips and What's This? (Windows 95 only).

Help Tips

Help Tips provide a short explanation of a setting or option. To view Help Tips, move the pointer over a setting or option and leave it there for a few seconds.

What's This?

If you are using Windows 95, you can display a more detailed explanation of a setting or option by right-clicking the item, and then clicking the What's This? box that appears. The screen displays Help related only to the topic you selected.



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EPSON

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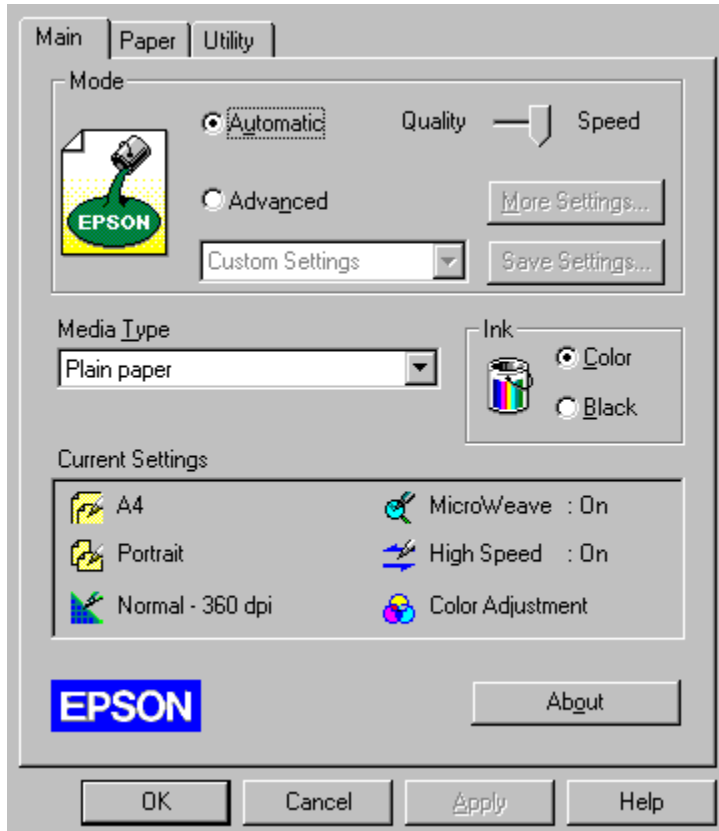
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Main menu

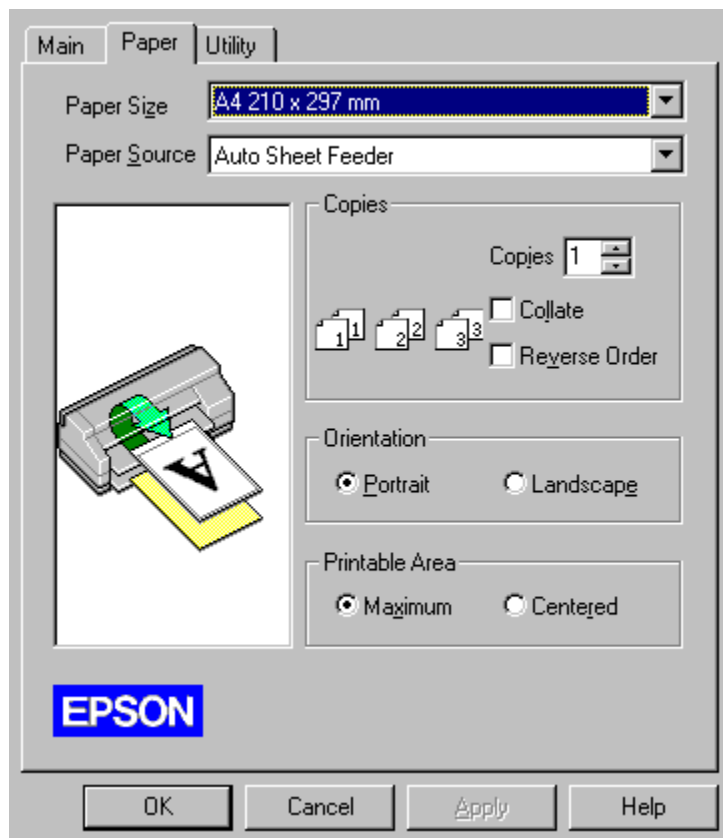
Click the Main tab at the top of the driver settings window to view general printer driver options. Click an option in the example below for more information.





Paper menu

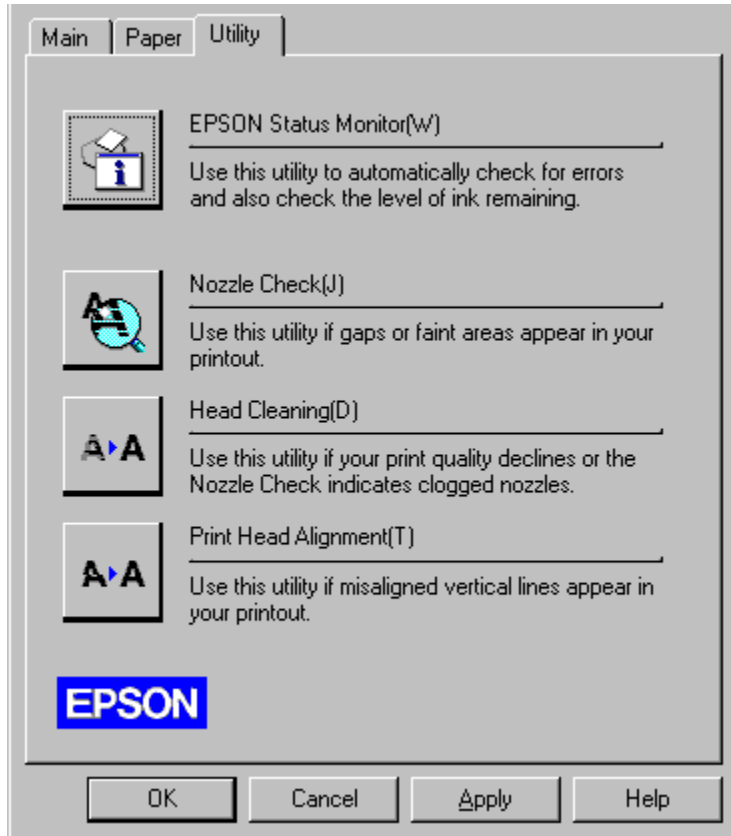
Click the Paper tab at the top of the driver settings window to view the available paper options. Click an option in the example below for more information.





Utility menu

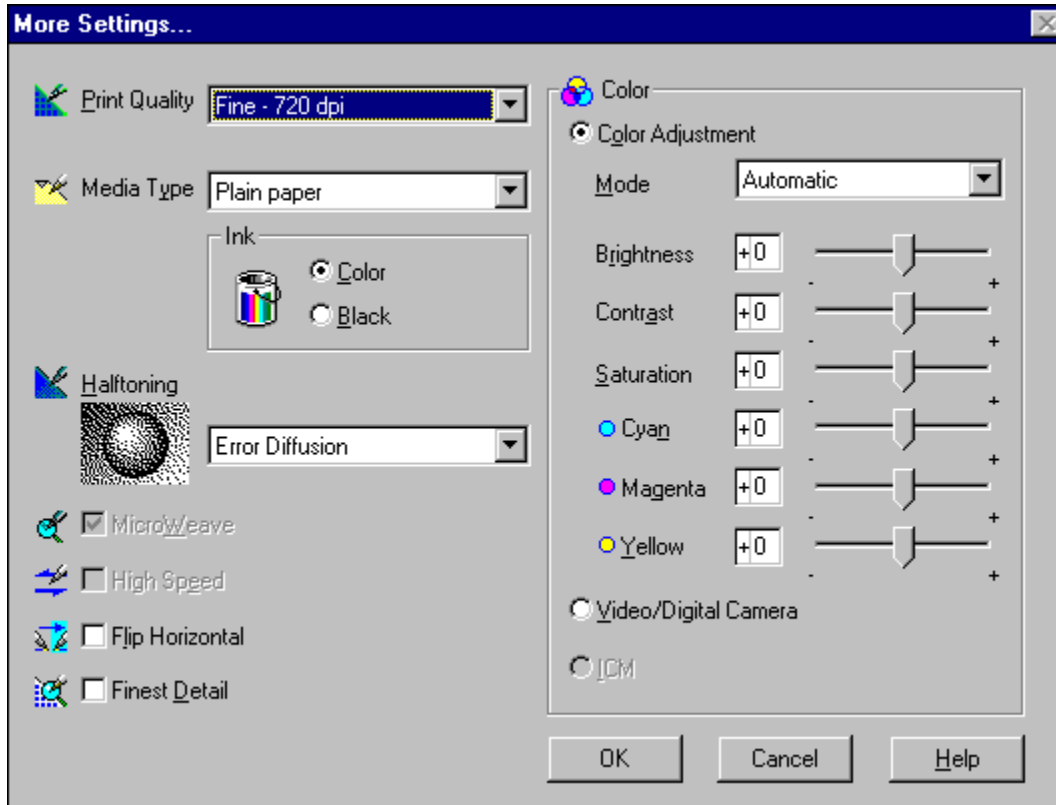
Click the Utility tab at the top of the driver settings window to view the printer utilities. Click a utility in the example below for more information. If you use Windows 3.1, the Status Monitor utility does not appear.





More Settings

On the Main menu, click Advanced and then click the More Settings button to view the most detailed settings available in your printer driver. Click an option in the example below for more information.





Alphabetical list of printer driver topics

This list covers the buttons, settings, and displays shown on the printer driver menus. To see information about an item below, click that item.

All menus

[About](#)

[Apply](#)

[Cancel](#)

[OK](#)

Main menu

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[Head Cleaning utility](#)

[Nozzle Check utility](#)

Print Head Alignment utility



Apply

Click the Apply button to put your new settings into effect before you exit the printer driver or return to your application.



OK

Click OK to exit a dialog box or the printer driver and save your settings.



Click Cancel to exit a dialog box or the printer driver without saving your settings.



About

Click About to display copyright and version information about the printer driver.



Automatic mode

When Automatic is selected on the Main menu, the printer driver software determines the best printing method according to the Media Type and Ink settings you make. Be sure to choose the media you have loaded and specify either Color or Black ink.

If you use Automatic mode with the Media Type setting set to Plain Paper or a high/photo quality setting, the Quality vs. Speed slide bar appears. Select either Quality or Speed and the driver will make the appropriate settings for you.

See also

[Advanced mode](#)



Quality vs. Speed slide bar

When you use Automatic mode and select Plain Paper or Photo Quality Ink Jet Paper, Photo Quality Glossy Film, or Photo Quality Glossy Paper as your Media Type setting, the Quality vs. Speed slide bar appears on the Main menu. Move the slider to the left or right depending on the type of document you are printing and the printout results you require. The slide bar disappears if you select Advanced mode.



Advanced mode

If you prefer to have more control over the settings, select Advanced mode. When you choose Advanced mode, the More Settings and Save settings buttons become active. Click the More Settings button to view the [More Settings dialog box](#), which includes the most detailed settings in the driver. Once you have selected the settings you want, click OK. You can save these settings as a group by clicking Save settings.

Changing settings based on the type of document you are printing

The [Advanced settings list](#) (activated when you click Advanced) contains several predefined settings that have been optimized for certain types of documents. Click anywhere in the box under Advanced to view the Advanced settings list.

Note: Be sure to select the Print Quality setting you want, the Media Type you have loaded in the printer, and the correct Ink setting.

See also

[Saving your custom setting](#)



Advanced settings list

The settings available in the Advanced settings list include the following and any custom settings you save:

Photo

This setting is best for printing photographs. It increases the contrast in an image.

Text/Graph

This setting is best for graphics-intensive documents such as charts and graphics for presentations. It intensifies the colors but lightens the midtones and highlights of an image.

Video/Digital Camera

This setting is best for printing images from digital data. It increases the brightness and sharpness to make printed images clearer.

Economy

This setting provides you with faster printing and saves ink. The printer uses less ink by printing fewer dots per character. Choose this setting for rough drafts of text only.

ICM

This setting provides you with color matching schemes that give you more precise reproduction of the colors on your screen.

Note: You may need to experiment with different settings until you get the output you want. Also, selecting ICM or Video/Digital Camera automatically sets the Ink setting to Color.

For details on making and saving custom settings, see [Saving your custom settings](#).



Saving your custom settings

You can save your custom settings as a group in the Custom Settings dialog box. Then you can select this group of settings from the [Advanced settings list](#) on the Main menu. You can save up to 10 custom settings.

To save your settings, follow these steps:

1. From the Main menu, click Advanced.
2. Click More Settings to access the [More Settings dialog box](#) if necessary make your desired settings..
3. Click the Save settings button. The Custom Settings dialog box appears:



4. Enter a name for your settings in the Name field (up to 16 characters). Click Save. The name you assigned to the settings now appears in the Advanced settings list so you can choose it whenever you want to use these settings.

To delete a custom setting, click Save settings on the Main menu, select the setting in the Custom Settings dialog box, and click the Delete button.

Note: You can not delete the predefined settings: Photo, Graph, Video/Digital Camera, ICM, and Economy.

Media Type

Always match the Media Type setting with the kind of paper or other media you loaded in the printer. If the name of your EPSON paper is not in the Media Type list, see [Matching your media with the Media Type setting](#).

Note: The availability of special media varies by country.

Ink

Specifies Color (CMYK) or Black ink printing. Your printer's contains cyan (blue-green), magenta, yellow, and black (K) ink. When you select Black on the Main menu, colors are automatically converted to grayscale values.

If your document includes color, choose Color. If you are printing black text only, a draft, or if you want colors to print as varying shades of gray, choose Black.

Current Settings

Displays the currently selected settings. You must click [Advanced](#) and then the [More Settings](#) button to change make some of the settings shown here. Other settings are on the [Paper menu](#).



Print Quality

The available Print Quality settings are:

SuperFine - 1440 dpi

This setting prints at 1440 dpi giving you the highest-quality printouts. Select this setting only when you use EPSON Photo Quality Ink Jet Paper, EPSON Photo Quality Glossy Film, EPSON Photo Quality Glossy Paper, EPSON Ink Jet Canvas Cloth, or EPSON Back Light Film as your Media Type setting.

Fine - 720 dpi

This setting prints at 720 dpi giving you very good-quality printouts. Select this setting when you use plain paper, EPSON Photo Quality Ink Jet Paper, EPSON Photo Quality Glossy Film, EPSON Photo Quality Glossy Paper, EPSON Ink Jet Canvas Cloth, or EPSON Back Light Film as your Media Type setting.

Normal - 360 dpi

This setting prints at 360 dpi giving lower print quality but higher print speed. Select this setting when you use plain paper, EPSON Ink Jet Transparencies, or EPSON 360 dpi Ink Jet Paper as your Media Type setting.

Economy

This setting is useful for saving ink. Select this setting when you use plain paper for printing rough drafts of text.

Note: Not all Print Quality settings are available for all media types.

See also

[Matching your media with the Media Type setting](#)

Media Type (More Settings dialog box)

Always match the Media Type setting with the kind of paper or other media you have loaded in the printer. If the name of your EPSON paper is not in the Media Type list, see [Matching your media with the Media Type setting](#).

Note: The availability of special media varies by country.

Ink (More Settings dialog box)

Specifies Color (CMYK) or Black ink printing. Your printer's contains cyan (blue-green), magenta, yellow, and black (K) ink. When you select Black on the Main menu ink, colors are automatically converted to grayscale values.

If your document includes color, choose Color. If you are printing black text only, a draft, or you want colors to print as varying shades of gray, choose Black.

Halftoning

Halftoning means using patterns of colored ink dots to precisely reproduce an image and its colors. The halftoning method you should choose depends on the type of image you are printing. The halftoning image changes to show the effect of each setting.

Select **No Halftoning** when printing black text only. You can not select this setting for color printing.

Select **Error Diffusion** when printing photographic images. To make edges and colors softer, Error Diffusion blends every colored dot in your image with the surrounding colored dots.

Dithering arranges dots in orderly patterns and is best suited for printing charts, graphs, and other images that require precise, solid areas of bright colors. Select **Coarse Dithering** for images with limited detail and shading. Select **Fine Dithering** for images with significant detail but limited shading.

Note: The available Halftoning settings depend on the Print Quality setting and the setting you choose in the Advanced settings list.



MicroWeave

MicroWeave allows your printer to generate superior output because graphics data is re-ordered and printed in finer increments. This technology reduces the possibility of banding, the light horizontal lines that can mar an image.

For best results, always leave MicroWeave on for color printing. You can turn on MicroWeave for black printing, but the printing time is significantly longer.

Note: MicroWeave is switched off automatically when Economy is selected as the Print Quality setting.



High Speed

This setting activates bidirectional printing so your printer prints both left-to-right and right-to-left. High Speed mode speeds up printing, but you should turn it off for your highest-quality output.

Note: If misaligned vertical lines appear when printing in High Speed mode, you may need to align the print heads.

See also

[Print Head Alignment utility](#)



Flip Horizontal

This setting prints an image as it would appear in a mirror; text and graphics appear backwards.



Finest Detail

If you select Fine - 720 dpi as the Print Quality setting, you can turn on Finest Detail to print text, solid graphics, and line art with very sharp edges. It may take considerably longer to print using this mode and it will increase your memory requirements. Additionally, you may not be able to print some larger images, and some patterns may not print correctly. If you experience problems printing in this mode, turn it off or add more memory.



Color Adjustment

Select this setting to use the color matching and enhancement methods provided by the printer driver.

Mode

Click in the Mode box to select one of these modes:



Automatic

Provides output that closely matches the original data.



Photo-realistic

Increases the contrast in an image. Use this setting for color photographs.



Vivid

Intensifies the colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics, such as charts and graphs.

Slide bars

The Color Enhancement slide bars adjust the following options in a range of -25% to +25%. Drag the scroll bar to the right or left with your mouse to adjust the settings. You can also type -25 to +25 in the boxes next to the slide bars.



Brightness

Changes the overall lightness or darkness.



Contrast

Magnifies or minimizes the difference between the bright and dark parts.



Saturation

Modifies the vividness of color. The lower the saturation, the duller the colors. The higher the saturation, the more vivid the colors.



Cyan, Magenta, and Yellow

Adjusts the amount of each of the three primary colors.

Note: When Color is selected as the Ink setting, all settings in the Color box are available. When Black is selected, only the Contrast and Brightness settings are available.



Video/Digital Camera

Increases the brightness and sharpness to make images captured by video or digital camera clearer using EPSON's intelligent color correction feature.

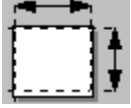
When Video/Digital Camera is selected, the Color Adjustment settings are dimmed, meaning you can not change them.

Note: Video/Digital Camera is only available when the Ink setting is set to Color.



ICM

Select ICM when printing scanned photographs or computer graphics. It uses the color matching method provided with your operating system to automatically match the colors in your printout with the colors displayed on your screen.



Paper Size

You can use any of the predefined paper sizes, or you can define a custom paper size as described below.

The type and amount of paper you can load varies by paper source.

There are three Paper Sources and four settings to choose from.

Auto Sheet Feeder

Manual Feed Slot

Manual Feed Slot (Banner)

Tractor Feeder

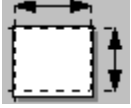
Defining a custom paper size

To define a custom paper size, follow the steps below.

1. From the Paper menu, click anywhere in the Paper Size box.
2. Use the arrows on the right to scroll through the list until you see User Defined. Click User Defined.
3. Enter the paper width and height in the User Defined Paper Size dialog box.

Note: The unit of measurement is set by your operating system. See your system documentation for instructions on changing the unit of measurement.

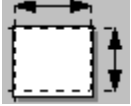
4. Click OK to use the new paper size.



Auto Sheet Feeder

Select the paper size you have loaded in the Sheet Feeder. Your choice are :

Type	Dimensions
Letter	8-1/2 X 11 inches
Legal	8-1/2 X 14 inches
A4	210 X 297 mm
B4	257 X 364 mm
A5	148.5 X 210 mm
A4(Landscape)	297 X 210 mm
B5(Landscape)	257 X 182 mm
B4(Landscape)	364 X 257 mm
Letter(Landscape)	11 X 8 1/2 inches
B3	364 X 514 mm
A3	297 X 420 mm
Super A3/B	329 X 483 mm
A2	420 X 594 mm
Ledger	11 X 17 inches
US C	17 X 22 inches
Half letter	5-1/2 X 8-1/2 inches
Executive	7-1/2 X 10 inches
Envelope #10	4-1/8 X 9-1/2 inches
Envelope DL	110 X 220 mm
Envelope C6	114 X 162 mm
Index Card 5 X 8 in	5 X 8 inches
Index Card 8 X 10 in	8 X 10 inches
A6 Index Card	105 X 148 mm
B5	182 X 257 mm
User Defined	100 to 329 mm X 100 to 1117 mm, 3.94 to 16.6 inches X 3.94 to 44 inches



Tractor Feeder

Select the paper size you have loaded in the Tractor Feeder. Your choices are:

Type

- Fanfold 10 X 11in
- Fanfold 12 X 11in
- Fanfold 15 X 3in
- Fanfold 15 X 4in
- Fanfold 15 X 4.5in
- Fanfold 15 X 4 2/3in
- Fanfold 15 X 5in
- Fanfold 15 X 5.5in
- Fanfold 15 X 5 2/3in
- Fanfold 15 X 6in
- Fanfold 15 X 6.5in
- Fanfold 15 X 6 2/3in
- Fanfold 15 X 7in
- Fanfold 15 X 7.5in
- Fanfold 15 X 8in
- Fanfold 15 X 8.5in
- Fanfold 15 X 9in
- Fanfold 15 X 10in
- Fanfold 15 X 10in (3 part)
- Fanfold 15 X 10in (4 part)
- Fanfold 15 X 10.5in
- Fanfold 15 X 11in
- Fanfold 15 X 11in (3 part)
- Fanfold 15 X 11in (4 part)
- Fanfold 15 X 11in (5 part)
- Fanfold 15 X 11in (6 part)
- Fanfold 15 X 12in
- Fanfold 15 X 12in (4 part)
- Fanfold 15 X 13in
- Fanfold 15 X 13in (4 part)
- Fanfold 15 X 14in
- Fanfold 15 X 14in (4 part)



Manual Feed Slot

Select the paper size you have loaded in the Manual Feed Slot. Your choices are:

Type	Dimensions
Letter	8-1/2 X 11 inches
Legal	8-1/2 X 14 inches
A4	210 X 297 mm
B4	257 X 364 mm
A5	148.5 X 210 mm
A4(Landscape)	297 X 210 mm
B5(Landscape)	257 X 182 mm
B4(Landscape)	364 X 257 mm
Letter(Landscape)	11 X 8 1/2 inches
B3	364 X 514 mm
A3	297 X 420 mm
Super A3/B	329 X 483 mm
A2	420 X 594 mm
Ledger	11 X 17 inches
US C	17 X 22 inches
Half letter	5-1/2 X 8-1/2 inches
Executive	7-1/2 X 10 inches
Envelope #10	4-1/8 X 9-1/2 inches
Envelope DL	110 X 220 mm
Envelope C6	114 X 162 mm
Index Card 5 X 8 in	5 X 8 inches
Index Card 8 X 10 in	8 X 10 inches
A6 Index Card	105 X 148 mm
B5	182 X 257 mm
User Defined	100 to 329 mm X 100 to 1117 mm, 3.94 to 16.6 inches X 3.94 to 44 inches



Manual Feed Slot (Banner)

Select the paper size you have loaded in the Manual Feed Slot (Banner). Your choices are:

Type	Dimensions
Letter	8-1/2 X 11 inches
Legal	8-1/2 X 14 inches
A4	210 X 297 mm
B4	257 X 364 mm
A5	148.5 X 210 mm
A4(Landscape)	297 X 210 mm
B5(Landscape)	257 X 182 mm
B4(Landscape)	364 X 257 mm
Letter(Landscape)	11 X 8 1/2 inches
B3	364 X 514 mm
A3	297 X 420 mm
Super A3/B	329 X 483 mm
A2	420 X 594 mm
Ledger	11 X 17 inches
US C	17 X 22 inches
Half letter	5-1/2 X 8-1/2 inches
Executive	7-1/2 X 10 inches
Envelope #10	4-1/8 X 9-1/2 inches
Envelope DL	110 X 220 mm
Envelope C6	114 X 162 mm
Index Card 5 X 8 in	5 X 8 inches
Index Card 8 X 10 in	8 X 10 inches
A6 Index Card	105 X 148 mm
B5	182 X 257 mm
Long Paper 17 X 1 in through	Long Paper 17 X 44 in (step 1 inch Length)



Paper Source

This printer has three built-in paper sources: the sheet feeder, tractor feeder, and manual feed slot. Match the Paper Source setting in the driver software with the actual printer paper source where you have loaded paper. If you plan to print on banner paper which is longer than 594 mm (length of A2 paper), select Manual Feed Slot (Banner).

Be sure to select the Paper Size after you have selected the Paper Source.

Duplication Method

These settings let you specify the number of copies and the printing order.

Entering the number of copies

To specify the number of copies, click in the Copies box and type the number you want, or click the arrows next to the Copies box. You can enter a number from **1** to **99**.

Choosing the Collation Method

The two additional options in the Duplication Method box are **Collate** and **Reverse Order**. Click these options to turn them on. A check inside the box indicates the option is turned on.

To print multiple-page documents in sets:

Turn **Collate** on by clicking the check box.

To print one multiple-page document so that its pages are in the right order after printing:

Click only **Reverse Order**.

To print one or more document sets so that each is stacked in the correct order after printing:

Click both the **Collate** and **Reverse Order** check boxes.

Note: The above options may require additional system memory. If a memory error message appears and you are unable to print your document, you should increase system memory, decrease the number of open applications, reduce the size of your document, or turn off collation and/or reverse page ordering.



Orientation

To change the orientation, click one of the following buttons on the Paper menu. The image on the left changes to show the orientation.

Portrait -- Print direction is short edge first, like most magazines.

Landscape -- Print direction is long edge first, like many spreadsheets.

Note: Normally, you should select the paper orientation in your software application, not with the driver.

Printable Area

Sets the printable area to Maximum or Centered. Centered means that your document is printed at an equal distance from all edges of the paper, directly in the center. Maximum means using the largest possible printable area of the paper, so if the minimum margins are not the same on all sides, your printout may shift slightly on the paper.

Paper settings display

The image on the left side of the Paper menu changes to reflect several of the settings you make on the Paper menu.

Head Cleaning utility

Cleans the color and black print heads. If the print head nozzles become clogged, print quality will decline and you may notice faint areas or areas where dots are missing. Use this utility to ensure the nozzles are unclogged and delivering ink properly. Before and after using this utility, use the [Nozzle Check utility](#) to verify whether or not the nozzles are clogged and need to be cleaned. If the Nozzle Check utility indicates that the heads need to be cleaned, clean the print heads. If the Nozzle Check utility indicates that the heads are not clean after using the Head Cleaning utility, clean the print heads again.

Note: To avoid wasting ink, clean the print heads only if print quality declines.

Using the Head Cleaning utility

- 1 Make sure that no ink out lights are flashing or on.
- 2 Open the printer driver settings window.
- 3 Click the Utility tab. You see the Utility menu.
- 4 Click the Head Cleaning button.
- 5 Follow the instructions on your screen to complete the cleaning procedure.

Caution: This operation takes about 90 seconds to complete. Never turn off the printer while the pause light is flashing.

Nozzle Check utility

Checks whether the print head nozzles are clogged and need to be cleaned. If the Nozzle Check utility indicates that they need to be cleaned, open the [Head Cleaning utility](#) from this utility and clean the print head nozzles.

Note: Before using this utility, make sure several sheets of paper are loaded in the print.

Print Head Alignment utility

Aligns the print heads to print images clearly. Use this if you find that your printed image is fuzzy or vertical or horizontal lines in your printout are not properly aligned.

The utility includes both black and color alignment features.

1 Make sure the printer is on and paper is loaded in the sheet feeder.

Caution: Use paper at least 210 mm (8.27 inches) wide; for example, A4 or letter size paper loaded short edge first. Otherwise, the print head will spray ink directly onto the platen.

2 Open the printer driver settings window.

3 Click the Utility tab. You see the Utility menu.

4 Click the Print Head Alignment button.

5 Follow the instructions on your screen to align the print head.

EPSON Status Monitor utility

The Status Monitor utility regularly monitors the printer status when you are using Windows 95. If it detects a printer error, it will inform you with an error message.

You can also use this utility to check how much ink is remaining before or during printing.

For details on the EPSON Status Monitor, see [Using the Status Monitor\(Windows 95\)](#).

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General Printing Procedures

This section describes the basic printer driver settings you should use to get the best performance and output from your EPSON Stylus Series printer.

Using Automatic Mode

When Automatic mode is selected on the Main menu, the printer software determines the best printing method by analyzing the print data in your print job, the Media Type setting, and the Ink setting you select. To view the Main menu, choose Print or Print Setup from the File menu of your application program. In the dialog box that appears click Printer, Setup, Properties, or Options. (You may have to click a combination of these buttons.)

Before printing, always select the correct Media Type and Ink settings.

Also, if you select Plain paper or one of the High- or Photo-quality media settings as the Media Type setting, the Quality vs. Speed slide bar appears in the Mode box. Move the slider to the right or left depending on the effect you want.

Matching your media with the Media Type setting

Match your special media with the Media Type setting.

Media name	Media Type setting	Part Number	
EPSON 360 dpi Ink Jet Paper	360 dpi Ink Jet Paper	A4	S041059, S041025
		Letter	S041060
		A3	S041065, S041046
		Super A3/B	S041066, S041047
		A2	S041078
High Quality Ink Jet Paper	Photo Quality Ink Jet Paper	A4	S041117
		Letter	S041111
EPSON Photo Quality Ink Jet Paper	Photo Quality Ink Jet Paper	A4	S041061, S041026
		Letter	S041062
		Legal	S041067, S041048
		A3	S041068, S041045
		Super A3/B	S041069, S041043
		B	S041070, S041044
EPSON Photo Quality Glossy Paper	Photo Quality Glossy Paper	A4	S041126
		Letter	S041124
		A3	S041125
		Super A3/B	S041133
		A2	S041123
EPSON Photo Quality Glossy Film	Photo Quality Glossy Film	A4	S041071
		Letter	S041072
		A6	S041107
		A3	S041073
		Super A3/B	S041075
		B	S041074
EPSON Ink Jet Transparencies	Ink Jet Transparencies	A4	S041063
		Letter	S041064
EPSON Photo Quality Ink Jet Card	Photo Quality Ink Jet Paper	A6	S041054
		5 X 8	S041121
		10 X 8	S041122
EPSON Iron-On Transfer Paper	Photo Quality Glossy Film	Letter	

EPSON Photo Quality Self Adhesive Sheet	Photo Quality Ink Jet Paper	A4	S041106
EPSON Ink Jet Canvas Cloth	Ink Jet Canvas Cloth		S041132
EPSON Ink Jet Back Light Film	Ink Jet Back Light Film	A3	S041131
		A2	S041130
EPSON 360 dpi Ink Jet Banner Paper	360 dpi Ink Jet Paper		S041103
EPSON Photo Quality Banner Paper	Photo Quality Ink Jet Paper		S041102

Note: The availability of special media varies by country.

Special Printing Procedures

Generally, leaving the Mode setting on the Main menu set to Automatic provides you with the highest-quality printout. However, there may be times when you want to make special adjustments to your image or document. Select Advanced as the Mode setting to get a level of control unmatched by many application programs.

Using Advanced Mode

When Advanced is selected, the Advanced settings list and other settings on the More Settings dialog box are enabled. To select a setting from the Advanced settings list, click Advanced. Then click anywhere in the box below Advanced, and select your setting from the list.

Be sure to choose the Media Type and Ink settings first because they may limit what other settings are available. The settings you make are reflected in the Current Settings display on the Main menu. To change the settings, click the More Settings button to access the More Settings dialog box.

The settings available in the Advanced settings list include the following and any custom settings you save:

Photo

This setting is best for printing photographs. It increases the contrast in an image.

Text/Graph

This setting is best for graphics-intensive documents such as charts and presentations. It intensifies the colors but lightens the midtones and highlights of an image.

Video/Digital Camera

This setting is best for printing images from digital data captured by a video or digital camera. It increases the brightness and sharpness to make printed images clearer.

Economy

This setting provides you with faster printing and saves ink. The printer uses less ink by printing fewer dots per character. Choose this setting for rough drafts of black text only.

ICM

This setting provides you with color matching schemes that give you more precise reproduction of the colors on your screen.

If you make changes after you have selected a setting from the Advanced settings list, the Advanced settings list shows Custom Settings. To save your custom settings as a group, follow the steps below.

Saving Your Custom Settings

You can save your custom settings as a group in the Custom Settings dialog box. Then you can select this group of settings from the [Advanced settings list](#) on the Main menu. You can save up to 10 custom settings.

To save your settings, follow these steps:

1. From the Main menu, click Advanced.
2. Click More setting to access the More Settings dialog box if necessary make your desired settings.
3. Click the Save settings button on the Main menu. The Custom Settings dialog box appears:



4. Enter a name for your settings in the Name field (up to 16 characters). Click Save. The name you assigned to the settings now appears in the Advanced settings list so you can choose it whenever you want to use these settings.

To delete a custom setting, click Save settings on the Main menu, select the setting in the Custom Settings dialog box, and click the Delete button.

Note: You can not delete the preset settings: Photo, Graph, Video/Digital Camera, ICM and Economy.

See Also

[General Printing Procedures](#)

Contents

[Quick Guide to Using Help](#)

[Driver Settings](#)

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About the Spool Manager and Despooler

When you print a document, the EPSON Stylus Series printer driver converts the print job into a journal file. To quickly release your software application from the task of printing, EPSON Spool Manager sends this journal file to the default spool directory. The Spool Manager then assigns the journal file to the appropriate print queue. When the journal file reaches the front of the queue, the Spool Manager sends it to the EPSON Despooler and then to the target printer.

When it receives a journal file, the Despooler appears on your screen to show you the progress of the current journal file and to identify printer status information, such as paper out and printer off line. If you are using Windows 95, the Despooler also includes the Status Monitor, which provides more information about printer status and remaining ink.

The Spool Manager gives you control over the Despooler, print queues, and journal files. It also allows you to enable remote network printing.

The Spool Manager starts automatically when you select **Print** from your application.

Note: The screen displays the Despooler when a journal file is being sent to the printer. If you do not want the Despooler to appear, turn off the **Show Despool Popup** option in the Spool Managers View Menu.

See Also


Spool Manager

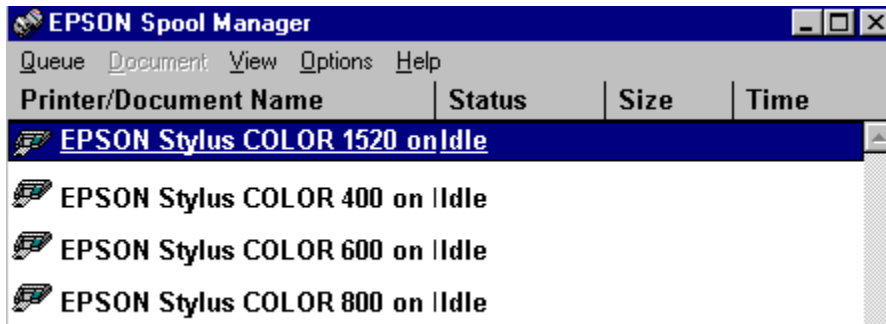
Despooler and Status Monitor



Spool Manager

To access the Spool Manager:

Double-click  from the Windows desktop or the EPSON program group icon in Windows. You see the Spool Manager Window:



The Spool Manager window displays the list of EPSON Stylus printer queues. These queues contain Journal files that are currently printing or waiting to be printed.

Queues

Queues shown in normal text represent printers that are supported by the EPSON Stylus Series printing system. Queues shown in faint text are supported by other (conventional) Windows printer drivers.

To change the options of an EPSON Stylus print queue as described in the Queue menu Help screen, double-click the queue or click it once to select it and then choose an option from .

Journal Files

The Spool Manager window displays journal files in their assigned queue. If you double-click a journal file, the screen displays a dialog box that contains journal file information, such as file size and status. Using this dialog you can stop printing a file, place the file on hold, delete it, or re-queue it for later printing.

Alternatively, you can click a file once to select it and then choose an option from the Document menu

From the Spool Manager you can select:

The Queue Menu

The Document Menu

The View Menu

The Options Menu

The Help Menu

The Queue Menu

The Spool Manager **Queue** menu allows you to place EPSON Stylus print queues on hold, release them to allow journal files to be printed, and identify queues as local or remote (network printing). These options are described below.

Holding or Releasing a Queue

To hold or release a queue:

- 1 Select the queue in the Spool Manager window.
- 2 Click Queue to display the Queue drop-down menu.
- 3 Click the **Hold** option on the **Queue** menu.

A check mark next to the **Hold** option indicates the queue is currently on hold. When a queue is on hold, the Spool Manager places a wait symbol on the printer icon next to the queue and journal files in the queue are not submitted for printing.

Using the Windows Print Manager

The EPSON Despooler normally send files directly to the printer.

To schedule print jobs through the conventional Windows Print Manager:

- 1 In the Spool Manager window, either double-click the queue or click the queue once and then select the **Setup** option the **Queue** menu.
- 2 Select the **Use Print Manager for this port** option and click the **OK** button.

Network Printing

The EPSON Stylus Series printing system allows you to send journal files from your workstation (the host) to a shared directory on a network server. These files can then be printed by another (remote) workstation set up to run the EPSON Spool Manager and the associated EPSON Stylus printer driver(s). Follow the steps below to set up the host and remote workstations.

To set up the host:

- 1 In the Spool Manager window, either double-click or click the queue once to select it and then the queue or select the **Setup** option on the **Queue** menu.
- 2 Click the **Spool to remote printer** button.
- 3 Click the **Browse** button and select the remote server spool directory that will receive journal files from the Spool Manager.

To set up a remote workstation:

- 1 Install the EPSON Stylus Series printing system and the required printer driver(s).
- 2 Select the Spool Manager from the EPSON Windows program group.
- 3 Either double-click the queue or click the queue once to select it and then select the **Setup** option

on the **Queue** menu.

- 4 Select the **Remote Despool** tab and then click the **Printing from remote queues** option.
- 5 Click the **Browse** button and select the remote server spool directory that will hold journal files sent from host workstations.
- 6 The Spool Manager then identifies journal files and submits them for printing.

See Also

[Option Menu](#)

The Document Menu

The Spool Manager **Document** menu allows you to control journal files in your EPSON Stylus print queue. Using this menu, you can hold a journal file, re-queue it for printing later, delete it, or keep it for subsequent re-printing.

To select any of these options for a journal file, click the journal file, click Document, and click an option on the **Document** menu. When you select a Document menu option, a check mark appears next to it. To turn off an option, click it again.

The View Menu

The Spool Manager **View** menu allows you to select the information displayed by the EPSON Spool Manager. Using this menu, you can also specify whether you want the EPSON Despooler pop-up window to appear when you select Print from your application. When you select a **View** menu option, a check mark appears next to it. To turn off an option, click it again.

If you turn off the Show Despool Popup option, the Despooler window normally does not appear when you send a print job to the printer. It does appear, however, if the printer reports an error such as paper out.

The Options Menu

The Spool Manager **Options** menu allows you to specify the default spool directory, set the timers, and select the font used in the Spool Manager window.

Default Spool Directory

Choose this option to change the default spool directory setting. Journal files will be sent to this directory instead of the TEMP directory. This option is equivalent to the Spool Directory setting in the Queue Menu Setup option except that it applies to all queues instead of only the selected queue.

Timers

Using the Timers Setup box, you can set the update and/or remote timers.

Update Timer

The **Update Timer** tells the Spool Manager how often to refresh the information displayed in the EPSON Spool Manager window.

Remote Timer

The **Remote Timer** tells a remote Spool Manager how often to look for new journal files in a network directory.

See the Queue Menu for more information about network printing.

Font

The Font option allows you to set the default font used to display information in the Spool Manager window. All of your installed Windows fonts are available. This option also allows you to select bold and/or italics and specify the print size.

See Also

Queue Menu

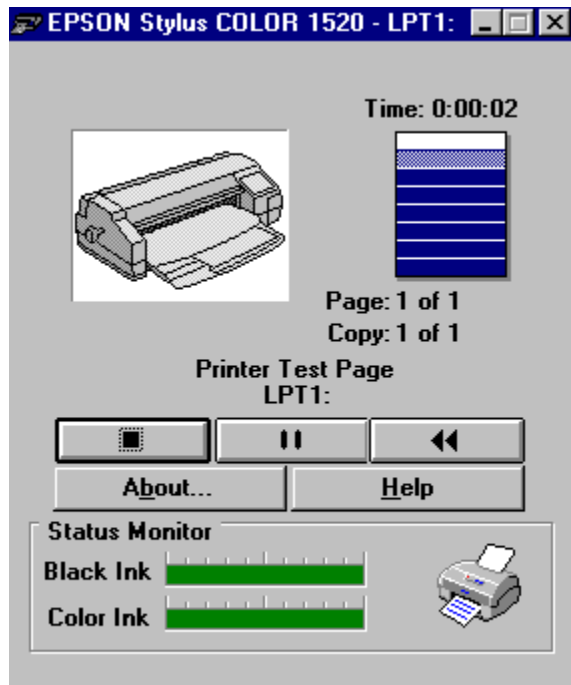
The Help Menu

The Spool Manager Help menu allows you to access Spool Manager Help as well as copyright and version information.



Despooler and Status Monitor

When you print a file in your application, the Despooler window appears on your screen. You see:



Note: The Status Monitor (shown at the bottom of the screen) appears only if you are using Windows 95 with a local printer.

Use the Despooler window for:

[Controlling Journal Files](#)

[Viewing Printer Status.](#)

[Using the Status Monitor \(Windows 95\)](#)



Controlling Journal Files

The EPSON Despooler lets you control printing the same way you can control it using the [Document](#) menu of the EPSON Spool Manager.

Buttons

The following buttons allow you to:



Stop -- Cancel printing.



Pause -- Pause printing until you click it again.



Reprint -- Restart printing from the current page or reprints the document.

About and Help

Clicking the **Help** button displays the Despooler and Status Monitor Help screen. Clicking the **About** button displays copyright and version information about the EPSON Despooler.

See Also

[Spool Manager](#)

Viewing Printer Status

Time: 0:00:07



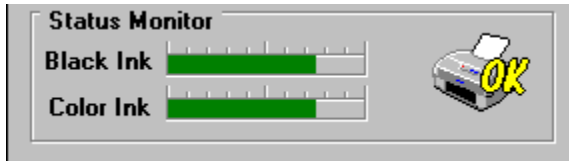
The icon in the upper right of the Despooler window indicates how much of the current page has been printed. The Despooler divides each page of the document into one or more horizontal bands for processing. After the Despooler sends a band to the printer, it starts to process the next band. If your document is very simple, there may be only one band per page. If your document is complex (for example, if it contains graphic images) or if your computer has little free memory, there may be many bands per page.

The Despooler window displays printer status messages above the printer icon.

If an error occurs, the Despooler automatically continues the print job as soon as the problem is fixed. If a serious error occurs, such as printer power failure, you may need to re-queue the journal file using the Document Menu Requeue option.

Using the Status Monitor (Windows 95)

If you are using Windows 95 and your computer system is equipped with a bidirectional parallel port and a suitable interface cable, the lower portion of the Despooler window displays the Status Monitor:



The **Black Ink** and **Color Ink** level indicators provide a graphical representation of the amount of ink in the cartridges. As you use up ink, the indicator drops in 25% (quarter) increments. When the level drops to 20%, the indicators change from green to yellow. When the level drops to 10% or less, the indicator changes to red.

The printer icon in the Status Monitor changes depending on the printer's status. The printer icons convey the following messages:



The Status Monitor is checking the printer status.



An error has occurred, and your printer cannot print. Check your printer and then resend the print job.



The printer is ready.



The printer is printing.



The ink level is low or the cartridges are empty.

Note: This feature is not available for printers connected on a network.



Automatic Error Reporting

Even if you have turned off **Show Despool Popup** on the **View** Menu of the Spool Manager, the EPSON Despooler pops up when errors occur, such as paper out and printer off line.

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[E-H](#)

[I-R](#)

[S-W](#)

[Close](#)

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[Advanced Mode](#)

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[Color Adjustment](#)

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- D -

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- W -

Windows GDI

WYSIWYG

About button

The About button appears in the printer driver settings window. Clicking this button displays copyright and version information about the software you are using.

Additive colors

Colors that are produced by adding together the varying intensities of the three primary colors: red, green, and blue. This is how your screen works.

More Settings dialog box

The More Settings dialog box provides you with the most detailed settings available in your printer driver. See the following for more details on the settings in this dialog box: [Color Adjustment](#), [Video/Digital Camera](#), [ICM](#), [Halftoning](#), [Ink](#), [High Speed](#), [Finest Detail](#), [Flip Horizontal](#), [Print Quality](#), and [Media Type](#).

To access the Advanced dialog box, click Advanced and then click More Settings on the Main menu.

Apply button

The Apply button appears on several menus. Clicking this button puts your new settings into effect before you exit the printer driver or return to your application.

Automatic (Color Adjustment mode)

The Automatic option in the Color Adjustment mode list uses the printer drivers color matching scheme to match the colors in your printout with the colors on your screen.

Automatic Mode

When Automatic is selected on the Main menu, the printer driver software automatically optimized the settings according to the Media Type, and Ink settings.

Be sure to choose the media you have loaded and specify either Color or Black ink.

Bidirectional parallel port

A port that allows data to flow back-and-forth between your computer and printer. A bidirectional parallel port is needed for your EPSON Stylus printer to send special information to your computer. See your computer documentation (or ask your dealer) to determine if your computer is equipped with a bidirectional parallel port.

Most computer systems come with a bidirectional (PS/2 type) parallel port that meets IEEE 1284 Standards. If your system is not equipped with this type of port, you can purchase a bidirectional parallel interface card from your computer dealer.

Bidirectional printing

A method of printing where the print heads print in both directions, increasing print speed. The **High Speed** setting on the Main Menu enables this type of printing.

Brightness

The slide bar that controls the lightness or darkness of an image. You can adjust this option in the [More Settings dialog box](#). If this option is dimmed (meaning unavailable), click Color Adjustment and then make the Brightness setting.

Browse sequence

A way to view help information that allows you to proceed from one topic to another in a predetermined order. Click the [>>](#) button near the top of the Help window to follow the browse sequence.

The browse sequence in the EPSON Stylus Help window includes information on how to use the most important features of your printer driver.

Cancel button

The Cancel button appears at the bottom of the printer driver settings window and dialog boxes. Click the **Cancel** button to exit the printer driver or a dialog box without applying or saving any changes.

CMYK

Cyan - Magenta - Yellow - Black.

The three primary process (subtractive) colors plus black. Your printer produces a full range of colors by mixing CMYK.

Coarse Dithering

A Halftoning setting in the More Settings dialog box for photographic images or equivalent drawings. This Halftoning setting is best used for images with limited detail and shading.

Collate

A Paper menu option that allows you to collate (sort) copies of a multi-page document into individual sets of that document.

Color box

This box on the More Settings dialog box contains three settings; Color Adjustment, Video/Digital Camera, and ICM. You can select one of these settings as a method of modifying or matching color.

Color Adjustment

The software provided with your printer driver allows you to enhance the color in your printout. This includes three adjustment modes; Automatic, Vivid, and Photo-realistic. It also includes several slide bars to further help you control the color output; Brightness, Contrast, Saturation, Red, Green, and Blue. You can adjust Brightness and Contrast whether Ink is set to Color or Black, but you can only adjust the other options if Ink is set to Color.

To make Color Adjustment settings, open the More Settings dialog box then click anywhere in the Mode box to select an adjustment mode and click and drag the slide bar arrows to increase or decrease an options strength.

Color matching

Color matching is the process of matching colors in your printout with the colors that appear on your screen. You can select a color matching option from the Color box area in the More Settings dialog box. The Automatic option in the Color Adjustment Mode list contains the color matching software provided with your printer driver and ICM is the software provided by your operating system.

Contrast

Contrast means the degree of difference between the darkest and lightest areas in an image. The higher the contrast, the greater the difference. You can adjust the Contrast value in the [More Settings dialog box](#).

Copies

This is the number of times you want a document to be printed. The default value is **1**. You can enter a different value on the Paper menu, but you should normally specify the number of copies using the Print function of your application.

Current Settings display

The Current Settings display shows which settings are currently enabled or disabled. To change a setting shown here, you will have to click the Paper tab to access the [Paper menu](#), or you will have to click the Advanced button and then the More Settings button to access the [More Settings dialog box](#).

Custom Settings (Advanced settings list)

Custom Settings means that the current settings have been made by you, the user. The Advanced settings list shows Custom Settings if you click the Advanced button and customize the settings on your own or if you select a predefined setting in the Advanced settings list and then make other settings on your own. Any time the Advanced settings list shows Custom Settings, you can save those settings as a group in the Custom Settings dialog box.

Custom Settings dialog box

If you change settings after you have selected the Advanced mode, the Advanced settings list shows Custom Settings. If you want to save your custom settings as a group, click Save settings. The Custom Settings dialog box appears. After typing a unique name in the Name box, click Save. You can save up to 10 settings, and these settings will appear in the Advanced settings list on the Main menu.

Default Spool Directory

The directory to which print data is sent as part of the first step in the printing process. This directory is normally specified by the DOS environment string `SET TEMP=` in your CONFIG.SYS file.

You can change the default spool directory by selecting **Default Spool Directory** from the **Options** menu in the EPSON Spool Manager.

Despooler

The name of the software that takes the journal files from the Spool Manager and sends them to the printer. The Despooler window appears on your screen when it receives a journal file, and allows you to stop, pause, or reprint the file. It also displays printer status information. If you are using Windows 95, the Status Monitor appears at the bottom of the Despooler window.

Document menu (Spool Manager)

A drop-down menu in the Spool Manager that allows you to hold print jobs, save them for reprinting, delete them from the queue, or re-order them for later printing.

dpi

Dots per inch. The number of dots your printer can print in one inch distance in both the horizontal and vertical dimensions. If you double the dpi, you increase the total number of dots by a factor of four. Resolution is measured in dpi.

Note: The Print Quality options do not necessarily yield the same resolutions in both the vertical and the horizontal directions.

Economy (Print Quality option)

A Print Quality option in the More Settings dialog box that saves ink. This mode is best for printing rough drafts of text on plain paper.

EPSON Status Monitor utility

The Status Monitor utility regularly monitors the printer status when you are using Windows 95. If it detects a printer error, it will inform you with an error message.

You can also use this utility to check how much ink is remaining before or during printing.

To use the Status Monitor, click the Utility tab in the printer software window and double-click the EPSON Status Monitor icon.

EPSON Stylus Printing System

A term used to describe the EPSON Stylus series printer, printer driver, Spool Manager, and Despooler, which includes the Status Monitor for Windows 95.

EPSON Stylus series printer driver

A printer driver is the software that runs, or drives, your printer. You can access the printer driver by clicking Print or Print Setup on the File menu in your application or by clicking the Printers icon in Control Panel.

Error Diffusion

A Halftoning setting in the More Settings dialog box for photographic images or equivalent drawings. This is the highest quality but slowest halftoning setting. It blends the colored dots in your image with the surrounding colors to soften your image.

Fine - 720 dpi (Print Quality option)

A Print Quality option that produces almost photographic-quality output at a slower speed and at 720 dpi resolution. This mode is best when used with special media such as glossy paper, glossy film, and ink jet paper.

You can use Fine - 720 dpi for Black or Color printing.

Fine Dithering

A Halftoning setting in the More Settings dialog box for some photographic images, drawings, or detailed presentations. This Halftoning setting is best used for images with a lot of detail but limited shading.

Finest Detail

If you select Fine - 720 dpi as the Print Quality setting, you can turn on Finest Detail to print text, solid graphics, and line art with very sharp edges. Be aware that it may take considerably longer to print using this mode and it will increase your memory requirements. Additionally, you may not be able to print some larger images, and some patterns may not print correctly. If you experience problems printing in this mode, turn it off or add more memory.

Flip Horizontal

This setting prints an image as it would appear in a mirror; text and graphics appear backwards.

If your application program does not automatically flip images for iron-on transfers, use this feature.(U.S.A only)

Font option (Spool Manager)

An option on the Options menu in the Spool Manager used to change the Spool Manager window font.

Halftoning

Process of using tiny dot patterns to represent all the colors you see in an image. Halftoning provides better graphic printouts, but slows down printing. From the More Settings dialog box, you can select the following Halftoning settings (depending on the Print Quality, Media Type, and Ink settings you make): No halftoning, **Coarse Dithering**, **Fine Dithering**, and **Error Diffusion**.

Select No Halftoning when printing text only.

Head Cleaning utility

Cleans the color and black print heads. If the print head nozzles become clogged, print quality will decline and you may notice faint areas or areas where dots are missing. Use this utility to ensure the nozzles are unclogged delivering ink properly. Before and after using this utility, use the [Nozzle Check utility](#) to verify whether or not the nozzles are clogged and need to be cleaned. If the Nozzle Check utility indicates that the heads need to be cleaned, clean the print heads. If the Nozzle Check utility indicates that the heads are not clean after using the Head Cleaning utility, clean the print heads again.

Help Button

Click the Help button to display the EPSON Stylus Help window.

High Speed

This setting activates bidirectional printing mode so your printer prints both left-to-right and right-to-left. High Speed mode speeds up printing, but you should turn it off for the highest quality output.

Holding option (Spool Manager)

An option on the Queue menu in the Spool Manager that allows you to hold or release a Queue.

ICM

Select ICM when printing scanned photographs or computer graphics. This setting uses the Windows 95 color matching method to automatically match the colors in your printout with the colors displayed on your screen. Be aware that the ambient light and the age, quality, and settings of the monitor can affect the quality of your color matching.

Ink cartridge

The plastic, replaceable ink container. You can check the level of ink remaining with the [Status Monitor](#).

When the ink out lights flash, prepare a replacement ink cartridge. When the ink out lights are on, replace the empty ink cartridge with the replacement ink cartridge. Most EPSON Stylus Series printers use one color (CMY) ink cartridge and one black ink cartridge. See Troubleshooting in the Help window for details on replacing an ink cartridge.

Ink Jet Paper

Special coated paper used for high quality printing at 360 dpi. Use this paper in **Normal - 360 dpi** or **Fine - 720 dpi** mode when you print detailed images.

Ink Jet printer

A printer that prints each letter, symbol, or image by precisely spraying ink onto paper.

Ink setting

The two ink settings are **Color** (CMYK) and Black. You can make this setting on the Main menu or in the More Settings dialog box.

Choose Color if your printout includes color. Choose Black if you are printing black text only, a draft, or if you want colors to print in varying shades of gray.

Journal file

A compact file that the EPSON Stylus Series printing system generates to provide a complete description of your print job in a form that can be processed easily and quickly. A journal file is similar to a tape recording in that it can be played, replayed, or played back-to-front (Reverse Page Order).

Landscape

An **Orientation** setting on the Paper menu that produces a document where the top and bottom edges are longer than the side edges. This setting is best for printing wide spreadsheets and presentations.

Main menu

This is the menu in the printer driver that provides the most common driver settings. See the following for more details about the settings available on this menu: Automatic, Advanced, More Settings, Save Settings, Media Type, Ink, and Custom Settings display.

Advanced mode

If you prefer to have more control over the settings select Advanced mode. When you choose Advanced mode, the More Settings and Save settings buttons become active. Click the More Settings button to view the More Settings dialog box, which includes the most detailed settings in the driver. Once you have selected the settings you want and clicked OK, you can save them as a group by clicking Save Settings.

Changing Settings Based on the Type of Document you are printing

The Advanced settings list (activated when you click Advanced) contains several predefined settings that have been optimized for certain types of documents. Click anywhere in the box under Advanced to view the Advanced settings list.

Note: Be sure to also select the Print Quality setting you want, the Media Type you have loaded in the printer, and the correct Ink setting.

Advanced settings list

The settings available in the Advanced settings list include the following predefined settings and any Custom Settings you save:

Photo, Text/Graph, Video/Digital Camera, Economy, and ICM.

Media

The type of materials on which data is printed such as envelopes, plain paper, ink jet paper, and transparency film.

Media Type

The Media Type setting is included on the Main menu and in the More Settings dialog box for your convenience. You can choose any of the following Media Type options: Plain paper, Ink Jet Paper, Photo Quality Ink Jet Paper, Photo Quality Glossy Paper, Photo Quality Glossy Film, Ink Jet Transparencies, Ink Jet Back Light Film, Ink Jet Canvas Cloth

Ink Jet Canvas Cloth

Special media which has a canvas-cloth like texture and is designed to give an oil-painted artistic impression to printed images.

Ink Jet Back Light Film

Special media which has a frosted-glass like printable surface and a glossy surface on its reverse side. Printing on this film gives a crisp, translucent image for use in back-lit displays.

MicroWeave

MicroWeave allows your printer to generate superior output because graphics data is re-ordered and printed in finer increments. This technology reduces the possibility of banding, the light horizontal lines that can mar an image.

For best results, always leave MicroWeave on for color printing. When you have the option you can turn on MicroWeave for black printing, but the printing time is significantly longer.

Note: MicroWeave is switched off automatically when Economy is selected as the Print Quality setting.

Network printing

Your EPSON Stylus Series printer is designed so it can be used on a network.

See also the [Spool Manager](#) and [Despooler](#).

Normal - 360 dpi (Print Quality option)

A Print Quality option that prints at 360 dpi (dots per inch). This option produces fair print quality but the print speed is much quicker than Fine - 720 dpi or SuperFine -1440 dpi. Select this setting and use plain paper, EPSON Ink Jet Transparencies, or EPSON 360 dpi Ink Jet Paper for regular printouts.

Nozzle Check utility

Checks whether the print head nozzles are clogged and need to be cleaned. If the Nozzle Check utility indicates that they need to be cleaned, open the [Head Cleaning utility](#) from this utility and clean the print head nozzles.

Note: Before using this utility, make sure several sheets of paper are loaded in the print.

OK Button

Click the **OK** button at the bottom of the driver settings window to save all your setting changes and exit the printer driver.

Options Menu (Spool Manager)

A drop-down menu in the Spool Manager that allows you to change the Default Spool Directory, set timers, and select the default font for the Spool Manager window.

Orientation

A setting on the Paper menu that allows you to choose the orientation of print on your printout: **Portrait** or **Landscape**. In portrait orientation, the top of the page is parallel with the short edge of the paper. Landscape images are printed with the top of the page parallel to the long edge of the paper. The Landscape option is ideal for printing wide spreadsheets. The default setting is **Portrait**.

Paper menu

This menu provides settings that control or affect how paper is used in the printing process. See the following for more details about the settings available on this menu: **Paper Size, Paper Source, Copies, Collate, Reverse Order, Orientation, Printable Area**, and the **paper settings display**.

Paper settings display

The image on the left side of the Paper menu changes to reflect several of the settings you make on the Paper menu.

Paper Size

A Paper menu setting used to specify the size of the paper loaded in your printer.

Paper Source

This printer has three built-in paper sources: the sheet feeder, tractor feeder, and manual feed slot. Match the Paper Source setting in the driver software with the actual printer paper source where you have loaded paper. If you plan to print on banner paper which is longer than 594 mm (length of A2 paper), select Manual Feed Slot (Banner).

Photo Quality Glossy Film

Special coated film for ink jet printers that gives you the best image quality.

Photo Quality Glossy Paper

Special coated paper for ink jet printers that gives you the best picture quality.

Photo Quality Ink Jet Paper

Special coated paper used for very high quality printing at 720 dpi or 1440 dpi. Use this paper in **Fine - 720 dpi** or **SuperFine - 1440 dpi** mode when you print your most important work.

Portrait

An Orientation setting on the Paper menu that produces a document where the top and bottom edges are shorter than the sides. This is the most common orientation setting and is selected by default.

Predefined settings

Predefined settings are groups of settings that are provided for specific purposes. These settings can be found by clicking the Advanced button and clicking anywhere in the Advanced settings list on the Main menu.

Printer driver

A printer driver is software that runs, or "drives," your printer.

Print Head Alignment utility

Aligns the print heads to print images clearly. Use this if you find that your printed image is fuzzy or vertical or horizontal lines in your printout are not properly aligned.

This utility includes both black and color alignment features.

Print Quality

The available Print Quality settings are: SuperFine - 1440 dpi, Fine - 720 dpi, Normal - 360 dpi, and Economy.

Queue(s)

A queue is a list of journal files that are currently printing or waiting to be printed. Queues are always associated with a local or remote (across a network) print device.

The EPSON Spool Manager displays your printer name and the associated queue. It also displays an icon representing your print device. The Spool Manager places a wait symbol on the appropriate printer icon when the queue is on hold or paused. You can hold a queue using the **Hold** command on the Queue menu.

Queue menu (Spool Manager)

A drop-down menu in the Spool Manager that allows you to place the selected queue on hold, allows you to release a held queue so that its journal files are printed, and identifies if a queue is local or remote.

Release time

The time it takes to regain control of your application after you send a print job to the printer. The EPSON Stylus Series printing system quickly processes the print job and then releases your application so that you can continue working while your printer is printing.

Releasing a queue

To release the journal files you placed on hold and cause the printer to print them, turn off the Hold option on the **Queue Menu** in the Spool Manager.

Reverse Order

A Paper menu option that allows you to print your multi-page document from the last page to the first. If you select Reverse Order, your document will be in normal reading order when it is finished printing. When Reverse Order is off (the default setting), your document is printed in order from the first page to the last.

Spool Manager

The Spool Manager is software used by the printer driver to facilitate printing. When you print a document from your application, the printer driver use the Spool Manager to send the data to the Despooler and then to the printer. This releases your computer quickly so that you can continue using your application and allows printing to take place in the background.

SuperFine - 1440 dpi (Print Quality option)

A Print Quality setting that produces photographic-quality output at a slower speed and at 1440 dpi resolution. Select this setting for your most important work. SuperFine - 1440 dpi works best when used with special media such as glossy paper, glossy film, and ink jet paper.

You can use SuperFine - 1440 dpi for Black or Color printing.

Timers option (Spool Manager)

An option on the Option menu in the Spool Manager that allows you to set two timers: the Update Timer and the Remote Timer.

The Update Timer tells the Spool Manager how often to refresh the information it displays.

The Remote Timer tells a remote Spool Manager how often to look for new journal files in a network directory.

Transparencies

Specially prepared transparency film for use on overhead projectors. We recommend the use of EPSON transparency film, which is specifically designed for use with ink jet printers.

Utility menu

This menu provides utilities that give you printer status information and help you maintain your printer. See the following for more details about the utilities available on this menu: Print Head Alignment, Head Cleaning, Nozzle Check, and EPSON Status Monitor.

Video/Digital Camera

Increase the brightness and sharpness to make images captured by video recorder or digital camera clearer using EPSON's intelligent color collection feature.

When Video/Digital Camera is selected, other Color settings are dimmed, meaning you can not change those settings.

View menu (Spool Manager)

A drop-down menu in the Spool Manager that allows you to select the information displayed by that the Spool Manager. Using this menu, you can also choose to keep the Despooler from appearing when you print.

Windows GDI

Graphics Device Interface (GDI). The part of the Microsoft Windows environment that allows programmers to draw lines, circles, polygons, and text and control other graphics elements on the output device (for example the screen, printer, or plotter, and so on).

WYSIWYG

What You See Is What You Get. Generally with the EPSON Stylus series printing system, what you see on the screen is what you get in your printout in terms of colors, image size, and print density.

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Printing Supplies

EPSON Special Media list

EPSON Special coated paper for 360 dpi printing (A4)	S041059, S041025
EPSON 360 dpi Ink Jet Paper (A4)	S041059, S041025
EPSON Special coated paper for 360 dpi printing (Letter)	S041060
EPSON 360 dpi Ink Jet Paper (Letter)	S041060
EPSON Special coated paper for 360 dpi printing (A3)	S041065, S041046
EPSON 360 dpi Ink Jet Paper (A3)	S041065, S041046
EPSON Special coated paper for 360 dpi printing (Super A3/B)	S041066, S041047
EPSON 360 dpi Ink Jet Paper (Super A3/B)	S041066, S041047
EPSON Special coated paper for 360 dpi printing (A2)	S041078
EPSON 360 dpi Ink Jet Paper (A2)	S041078
EPSON Special coated paper for 720 dpi printing (A4)	S041061, S041026
EPSON Photo Quality Ink Jet Paper (A4)	S041061, S041026
EPSON Special coated paper for 720 dpi (Letter)	S041062
EPSON Photo Quality Ink Jet Paper (Letter)	S041062
EPSON Special coated paper for 720 dpi printing (Legal)	S041067, S041048
EPSON Photo Quality Ink Jet Paper (Legal)	S041067, S041048
EPSON Special coated paper for 720 dpi printing (A3)	S041068, S041045
EPSON Photo Quality Ink jet Paper (A3)	S041068, S041045
EPSON Special coated paper for 720 dpi printing (B)	S041070, S041044
EPSON Photo Quality Ink jet Paper (B)	S041070, S041044
EPSON Special coated paper for 720 dpi printing (Super A3/B)	S041069, S041043
EPSON Photo Quality Ink jet Paper (Super A3/B)	S041069, S041043
EPSON Special coated paper for 720 dpi printing (A2)	S041079
EPSON Photo Quality Ink jet Paper (A2)	S041079
High Quality Glossy Paper (A4)	S041071
EPSON Photo Quality Glossy Film (A4)	S041071
High Quality Glossy Paper (Letter)	S041072
EPSON Photo Quality Glossy Film (Letter)	S041072
EPSON Photo Quality Glossy Film (A6)	S041107
High Quality Glossy Paper (A3)	S041073
EPSON Photo Quality Glossy Film (A3)	S041073
High Quality Glossy Paper (B)	S041075
EPSON Photo Quality Glossy Film (B)	S041075
High Quality Glossy Paper (Super A3/B)	S041074
EPSON Photo Quality Glossy Film (Super A3/B)	S041074

EPSON Photo Quality Glossy Paper(A4)	S041126
EPSON Photo Quality Glossy Paper(Letter)	S041124
EPSON Photo Quality Glossy Paper (A3)	S041125
EPSON Photo Quality Glossy Paper (Super A3/B)	S041133
EPSON Photo Quality Glossy Paper (A2)	S041123
Transparency Film (A4)	S041063
EPSON Ink Jet Transparencies (A4)	S041063
Transparency Film (Letter)	S041064
EPSON Ink Jet Transparencies (Letter)	S041064
Special coated index cards for 720 dpi (A6)	S041054
EPSON Photo Quality Ink Jet Cards (A6)	S041054
EPSON Photo Quality Ink Jet Cards (5 X 8)	S041121
EPSON Photo Quality Ink Jet Cards (10 X 8)	S041122
EPSON 360 dpi Banner Paper	S041103
EPSON 360 dpi Ink Jet Banner Paper	S041103
EPSON 720 dpi Banner Paper	S041102
EPSON Photo Quality Ink Jet Banner Paper	S041102
EPSON Photo Quality Self Adhesive Sheet (A4)	S041106
EPSON Ink Jet Canvas Cloth	S041132
EPSON Ink Jet Back Light Film (A3)	S041131
EPSON Ink Jet Back Light Film (A2)	S041130

Note: The availability of special media varies by country.

EPSON Ink Cartridge

Black ink cartridge	S020108
Color ink cartridge	S020089

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Power Supply

The lights come on briefly but then go off and stay off.

The printer's voltage rating may not match the voltage of your electrical outlet.

Check the printer and outlet voltage ratings. If the voltages do not match, unplug the printer immediately and contact your dealer.

Warning: Do not reconnect the power cord to an electrical outlet that does not have matching voltage.

The printer does not work and the control panel lights are off.

The printer is turned off.

Press the Operate button.

The power cord is not properly plugged into the electrical outlet.

Turn off the printer, make sure the power cord is firmly plugged into the electrical outlet, and turn the printer back on. If the lights still don't come on, contact your dealer.

The electrical outlet is controlled by an outside switch or automatic timer.

Use a different outlet.

The electrical outlet is out of order.

Plug another electric device into the outlet to determine whether the outlet is working. If it is not, use a different outlet.

Operation

The Operate light is on but nothing prints.

The interface cable is not plugged in securely.

Confirm that the cable is securely fastened to the printer and the computer. If the cable is connected correctly, run a self test.

Your interface cable does not meet the printer or computer specifications.

Use an interface cable that meets both printer and computer specifications.

Your software is not properly set up for your printer.

Make sure that your printer is selected in your software. Install or reinstall the printer software.

One or both ink cartridges may be too old. They are too old if they have been used longer than six months or beyond the date on their packaging.

First try cleaning the print heads. If print does not appear, you may need to replace the cartridge.

Nothing prints and the control panel lights are on or flashing.

Several common printer errors have occurred.

Refer to the printer users guide to determine what combination of errors may have occurred, and apply the recommended solutions.

The printer sounds like it is printing but nothing prints.

The print head nozzles are clogged.

Clean the Print Heads.

One or both of the ink cartridges have been used longer than six months or beyond the date on the packaging.

Try cleaning the print heads. If that does not solve the problem, replace the ink cartridges as needed.

The self test prints well, but nothing prints from an application.

Your printer is not selected in your application program.

Select your printer in the printer setup section of your application.

The interface cable does not meet the printer or computer specifications.

Use a printer cable that meets both printer and computer specifications.

Your computer is not 100% IBM AT compatible.

1. For Windows 95: Click Start, point to Programs and Epson, and then click Spool Manager⁴. For Windows 3.1: Open the EPSON program group and double-click Spool Manager⁴.
2. Select your printer and click Setup on the Queue menu. Turn on the Use Print Manager for this port option in the Queue Setup window and send your print data. If it does not print properly, turn off Use Print Manager for this port and try printing again.

Your computer systems memory is not sufficient enough to handle the volume of data in your document.

Reduce the image resolution of your document in your image-editing application or the printer software.

Install more memory if necessary.

If you are unable to print after trying the above solutions, lower the screen resolution or use less colors on your display. The directions below tell you how to access the display-adaptor options for Windows 95 and 3.1.

For Windows 95: Choose a lower resolution setting as the Color Palette setting. To access the Color Palette, click Start, point to Settings, and choose Control Panel. Then double-click the Display icon and click the Settings tab. For detailed information on making this setting, see your Windows 95 user's guide.

For Windows 3.1: Double-click the Windows Setup icon on the Main Menu and click Options and choose Change System Setting. Then lower the screen resolution using the Display pop-up list. For detailed information on making this setting, see your Windows 3.1 user's guide.

If you have a display-adaptor setting utility, use it to lower the screen resolution. For detailed information, see your display board user's guide.

Color documents print out in black and white.

Your printer is not selected in your application program.

Select your printer in your application by clicking Print on the File menu and in the dialog box that appears, select your printer from the list of printers. Depending on your application, you may also have to click Printer, Options, Properties, or Setup before you can select your printer.

Color printing is not selected in your application or in the printer driver.

Select color printing in your application and the driver. Try to print again. If the image still comes out in black and white, try printing from another program. If this fixes the problem, contact the manufacturer of the software you had trouble with.

The printer is being used with an empty color ink cartridge installed.

Replace the color ink cartridge, then turn the printer off and back on. Be aware that any data sent to the printer will be lost.

Printing starts too high or too low on the page.

Margins are set incorrectly in your application.

Check that the margins are set correctly in your program.

The size of the paper loaded in the printer does not match the paper size setting within your application or printer driver.

Load the correct size of paper, or change the paper size settings within your application or printer driver to match the size of the paper you are using.

Print speed is not what you expect.

The image resolution and the amount of color used in the document may be too high.

Carefully considering your use of color and resolution can help you optimize your printing times.

Note: High resolution printing and color printing significantly increase the amount of data to be processed. These two factors have the greatest effect on print speed.

Something on the page is wrong or missing.

An unknown problem has occurred.

Disconnect the interface cable from the computer; then try a self test.

The printer settings within your application are incorrect.

Adjust the printer settings within your application and print again.

The interface cable is not plugged in securely.

Check that the cable is securely connected to the printer and the computer.

The data transfer rate does not match that of your computer.

Set the Parallel I/F mode to Normal in the default-setting mode.

Application program settings are overriding those made in the default-setting mode.

Always try making a setting in your application first. If that is not possible, use the printer driver. If that is also impossible, use the default-setting mode.

The Status Monitor window does not appear when you are using Windows 95.

The Use Print Manager for this port option is checked in the Queue Setup window.

Make sure Use Print Manager for this port is not checked. Click the Start button, point to Programs, point to Epson, and click Spool Manager⁴. Then click Queue and Setup in the EPSON Spool Manager window.

The Enable bi-directional support for this printer option is not selected in the Spool Settings window.

You must select Enable bi-directional support for this printer in the Spool Settings window to use the

Status Monitor. To access the Spool Settings window, click the Start button, point to Settings, and click Printers. Right-click the icon for your printer and choose Properties from the drop-down menu. Click the Details tab; then click Spool Settings. Select Enable bi-directional support for this printer.

Line spacing is incorrect

The line-space setting in your software is wrong.

Adjust the line-space setting with your software.

The timesteps or characters set with your software do not print.

Your software is not correctly configured.

Make sure that your software is correctly configured for your printer.

Paper Handling

Single sheets do not feed properly from the sheet feeder.

Too many sheets may be loaded in the sheet feeder.

Remove the paper from the sheet feeder and reload up to 100 plain paper sheets (or up to 70 special coated sheets, or up to 30 sheets of oversized paper).

Paper is curled or folded.

Use flat, non-damaged paper.

The paper may be too thick or too thin to feed properly.

See your printer users guide for details on paper specifications.

The edge guides are not set correctly.

Adjust the guides against the stack of paper.

Continuous paper may be left in the paper path.

Remove the continuous paper.

The paper-release lever may be set to the wrong position.

Set the paper-release lever to the single-sheet position.

The rear edge guide may not be located under the output tray.

Move the rear edge guide under the output tray to match the paper loaded in the sheet feeder.

The rear edge guide does not match the length of index cards loaded.

Position the rear edge guide as shown in your printer users guide.

Paper has been compressed and is sticking together.

Fan your stack of paper before loading it in the sheet feeder.

You are printing on oversized paper, and the paper may be obstructed by the output tray.

Raise the output tray by extending the legs under both sides of the tray to keep enough clearance between the output tray and paper support. See your printer users guide.

Paper may be jammed in the paper path.

Turn off the printer and open the printer cover using the notch on the cover; then gently pull out the paper by turning the knob toward you. Remove any remaining pieces of paper. See your Printer users guide.

Single sheets do not feed properly from the manual feed slot.

Paper is curled or folded.

Use flat, non-damaged paper.

The paper may be too thick or too thin to feed properly.

See your printer users guide for details on paper specifications.

Continuous paper may be left in the paper path.

Remove the continuous paper.

The paper-release lever is set to the wrong position.

Make sure that the paper-release lever is set to the single-sheet position.

Paper is not fed deeply enough.

Load a single sheet into the manual feed slot until it meets resistance.

The printer loads more than one sheet at a time.

Too many sheets are loaded in the sheet feeder.

Take the paper stack out of the feeder, remove some sheets, and reload the stack. Before you load paper, see your printer users guide to check the amount of paper you can load in the sheet feeder.

Paper has been compressed and is sticking together.

Fan your stack of paper before loading it in the sheet feeder.

The paper is too thin.

Make sure the paper meets the paper requirements for this printer.

Ejected paper is wrinkled.

The paper is too thin or damp.

Do not store your paper in a damp or humid environment. Store paper in its original packaging.

Single sheets do not fully eject.

Paper gets stuck.

Use the Load/Eject button to eject the page.

Page length setting is wrong.

Check the page length setting in your application, and printer driver if necessary.

The paper may be too long.

Use paper that is within the paper size limits. See your printer users guide for details on paper specifications.

Manual Feed Slot (Banner) is selected as the Paper Source setting in the printer driver.

Make sure the correct Paper Source setting is selected in the printer driver.

The banner mode setting is set as the default setting.

Make sure the banner mode setting is off. If this setting is on, the printer feeds paper a specified length. Change this setting using the default-setting mode. See your printer users guide.

Paper feeding is crooked.

The edge guide of the sheet feeder may not match the paper's width.

Adjust the edge guides.

There may be too much paper in the sheet feeder.

Remove some paper.

You are printing on oversized paper, and the paper may be obstructed by the output tray.

Raise the output tray by extending the legs under both sides of the tray to keep enough clearance between the output tray and paper support. See your printer users guide.

Paper is not fed deeply enough.

Load a single sheet in the manual feed slot until it meets resistance.

The paper may be old or creased.

Use only new, smooth sheets of paper.

Make sure that your paper is the proper size and quality.

See your printer users guide for details on paper specifications.

Paper feed or paper jam problems occur frequently.

Sheets of paper are stuck together.

Fan the stack of paper and tap it on a flat surface to align the edges before loading.

The paper is too thin or rough.

Make sure the paper meets the paper requirements for this printer.

Too many sheets are loaded in the sheet feeder.

Check the paper package and your printer users guide for the amount of paper you can load in the sheet feeder.

The printable side of the paper is not correctly loaded.

Try turning the stack of paper over in the sheet feeder. Most packages of paper indicate the printable side with an arrow on the end of the package. Make sure the printable side is loaded face down in the sheet feeder.

Regular gaps occur in the printout.

The Skip-over-perforation setting may be on.

Set skip-over-perforation to off in the default-setting mode. See your printer users guide.

The perforation of continuous paper is not aligned with the tear-off position.

The tear-off position is not properly set.

Adjust the tear-off position using the micro-adjust feature. See your printer users guide.

The auto tear-off setting may be turned on in the default-setting mode.

Turn this setting off. See your printer users guide.

The page length setting for continuous paper is not correct in the default-setting mode.

Change the setting using the default-setting mode. See your printer users guide.

The tractor does not feed the paper.

The paper-release lever may be set to the wrong position.

Move the paper-release lever to the continuous-paper position.

The paper has come off the tractor feeder.

Reattach the paper to the tractor.

Paper feeding is crooked or the paper jams.

The paper supply is obstructed.

Make sure the paper supply is not obstructed by a cable or some other object.

The paper supply is placed too far away from the printer.

Make sure that your paper supply is positioned within 1 meter (about 3 feet) of the printer.

The holes on the sides of the paper are misaligned.

Make sure that the holes on the sides of the paper are even with each other. Also, make sure the sprocket units are locked and their covers are closed.

The paper size or thickness is out of the paper specification limits.

Make sure that the paper size and thickness are within the limits.

There may be some slack in the paper.

Adjust the position of the sprocket units.

Continuous paper does not eject properly.

The page is too long.

Tear off the last printed page and press the Load/Eject button to feed the paper backward. However, if you are printing on labels, tear off the last page that is entering the printer, then press the LF/FF button to feed paper forward.

The paper length is out of the specified length.

Use paper that is within the specified length.

The page length setting for continuous paper in the default-setting mode is not correct.

Change the page length setting for continuous paper in the default-setting mode.

The paper is jammed inside the printer.

Turn off the printer and open the printer cover using the notch on the cover; then gently pull out the paper by turning the knob toward you. Remove any remaining pieces of paper. See your printer users guide.

Caution: Use the knob on the left side of the printer only to clear paper jams and only when the printer is off. Otherwise, you may damage the printer or change the top-of-form position.

Printing Quality

The printed image has gaps or faint areas.

The print head nozzles are clogged.

Clean the print heads.

The paper quality has been reduced due to age.

Use new paper.

The printer driver settings may not be correct.

Select Automatic on the printer drivers Main menu and make sure the Media Type setting is appropriate for the type of paper loaded in the printer.

The printed image is blurred.

Your paper is moist or damp.

Do not store your paper in a damp or humid environment. Store the paper in its original packaging.

The printer driver settings may not be correct.

Select Automatic on the printer drivers Main menu and make sure the Media Type setting is appropriate for the type of paper loaded in the printer.

The printer drivers Ink setting is Color even though the printer is being used with an empty color ink cartridge installed.

Select Black as the Ink setting in your printer driver. Or, replace the color ink cartridge.

Printed image is smeared.

The paper you loaded is too thick.

Open the printer cover and set the adjust lever to the + position.

Special paper was loaded without the support sheet or a regular sheet of paper under it. Glossy film, glossy paper, and transparencies should be loaded with the support sheet or a piece of plain paper under them.

Load the support sheet or a piece of plain paper under the special paper.

Multiple sheets of EPSON Photo Quality Glossy Film are loaded.

Load glossy film one sheet at a time with the loading support sheet or a piece of plain paper under it. If you need to load multiple sheets of glossy film, load only up to 30 sheets and set the top margin of the page to 30 mm or more.

Ink has leaked on the platen.

Wipe the inside of the printer with a soft, clean cloth.

The print head nozzles are clogged.

Clean the print heads.

White horizontal lines appear through the text.

The print head nozzles are clogged.

Clean the print heads.

One of the ink cartridges is low on ink.

Check the control panel to confirm that one of the ink out lights is flashing, and replace the appropriate ink cartridge.

The MicroWeave option in your printer driver is not selected.

Turn on MicroWeave in your printer driver.

The Media Type setting in your printer driver is incorrect.

Make sure the Media Type setting matches the type of paper loaded in the printer.

Vertical or horizontal printed lines do not align. Or, white banding appears between color and black graphics.

The print heads are misaligned.

Align the print heads with the Print Head Alignment utility.

The printing position is misaligned.

Make sure the High Speed option in your printer driver is not selected.

Printing quality is not what you expect.

The paper loaded is not the paper selected in your application or the printer driver.

Make sure you loaded the correct paper in the printer and that you selected the same media type in your application and/or the printer driver. Make sure you are using paper that meets the paper requirements for this printer.

You are not printing on the correct side of the paper.

Check the paper packaging for the correct side for printing; then load the printable side of the paper face down in the sheet feeder. When using the manual feed slot or tractor feeder, load paper printable side up.

The printer driver settings are not correct.

Check the printer driver settings to make sure they are appropriate. If these settings are correct, check your application, because some application settings override driver settings.

The High Speed setting is selected in the printer driver.

To obtain higher quality output, make sure High Speed is not selected.

Colors are different than you expect.

The color print head nozzles are clogged.

Clean the print heads.

Black ink is selected in your printer driver.

Set the Ink setting to Color.

You are not printing on the correct side of the paper.

Check the paper packaging for the correct side for printing, then load the paper correctly.

The Media Type setting does not match the type of paper loaded in the printer.

Change the Media Type setting in your printer driver to match the type of media you have loaded. Load media that matches the Media Type setting you selected in the printer driver.

The ICM setting in your driver is not appropriate for your document.

Set the driver to Automatic.

Your printer and monitor are not properly calibrated for color matching.

See the users guides of your image-editing software and your monitor for information on calibrating your system for color matching.

Colors are not very vibrant.

The image was printed on the wrong side of EPSON Ink Jet Paper.

Make sure that you are printing on the coated side of the paper. If necessary, flip over the paper and try printing again. If printing does not improve, clean the print heads.

The Media Type setting on the Main menu does not match the type of paper loaded in the printer.

Change the Media Type setting in your printer driver to match the type of media you have loaded, or load media that matches the Media Type setting.

Color dots are missing in printed characters or graphics. The printed color image has gaps or

faint areas.

The color print head nozzles are clogged.

Clean the print heads.

Black dots are missing in printed characters or graphics. The printed black image has gaps or faint areas.

The black print head nozzles are clogged.

Clean the print heads.

Photographic images look grainy or rough.

The printing position is misaligned.

Align the print heads.

The resolution of the original image data or the resolution setting for the image in your image-editing software may be too low.

Increase the image resolution in your image-editing software. Keep in mind that higher resolution images take longer to print.

You cleaned the print heads using the Head Cleaning utility, the output quality has not improved.

You attempted to clean the print heads while the ink cartridges were low or out of ink.

Check the black or color ink out light. When the ink cartridges are low or out, the Head Cleaning utility has no effect. Replace the ink cartridges as needed.

