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How to Find Information in 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. You can "press" a button by clicking on it with your mouse.

To return to the main Help contents:

Click **Contents**

To search for information about a particular topic:

For Windows 3.1x users:

1   Click **Search**.   The following screen appears:
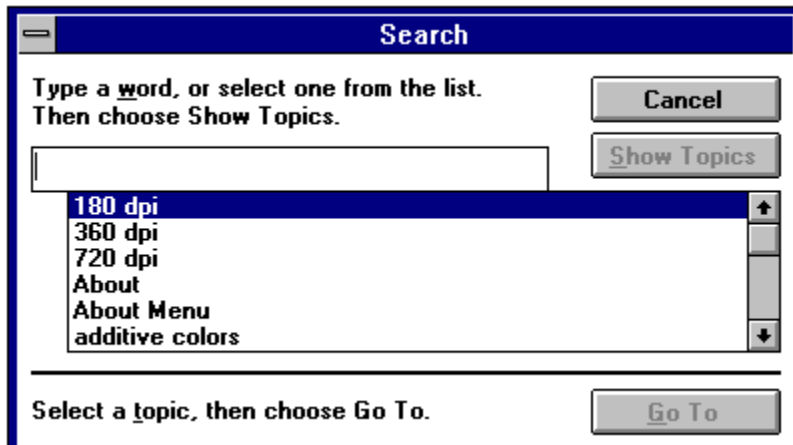
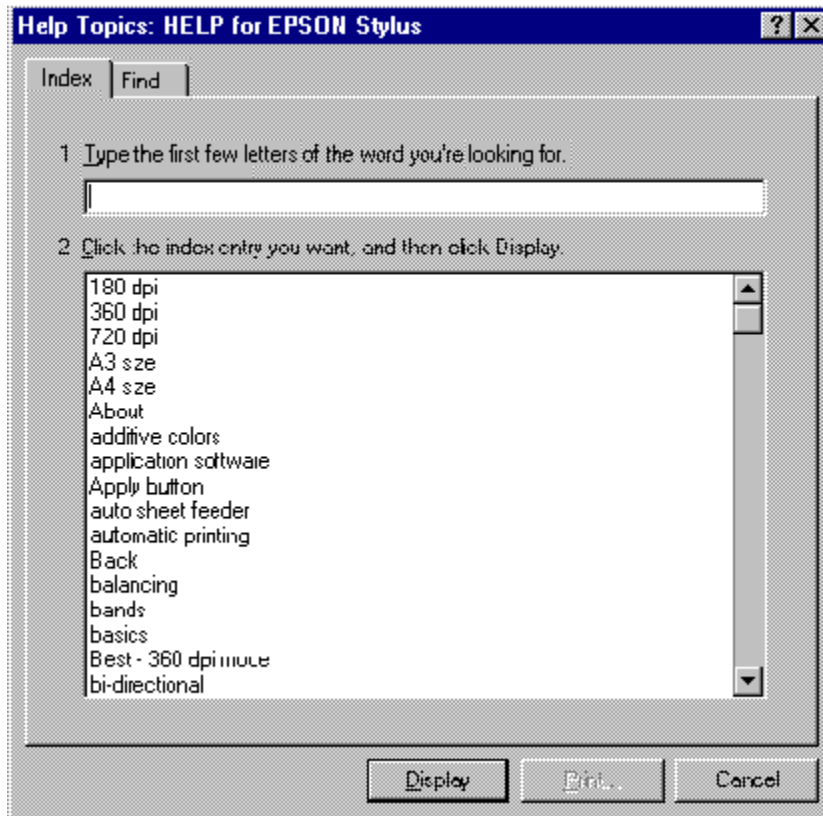

2   Type or select a key word and then click **Show Topics**

3   Select a topic from the list and then click **Go To**
   For Windows 95 users:

1   Click **Search**.   The following screen appears:

Help Topics: HELP for EPSON Stylus

Index | Find

1 Type the first few letters of the word you're looking for.

2 Click the index entry you want, and then click Display.

```
180 dpi
360 dpi
720 dpi
A3 sze
A4 sze
About
additive colors
application software
Apply button
auto sheet feeder
automatic printing
Back
balancing
bands
basics
Best - 360 dpi mode
bi-directional
```

Display | Print | Cancel

2   Type or select a key word.
3   Click the index and then click .
   4   Select a topic from the list and then click .

To go back to the screen that you viewed previously:

Click **Back**
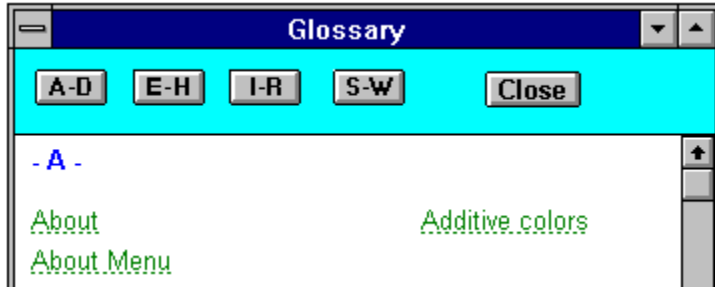
To jump back to a topic that you viewed previously:

1   Click **History**

2   Select the topic that you want to review from the history list.

To display a glossary of terms:

1   Click **Glossary** . The following screen appears:

2   Use the A-D,
E-H,
I-R, or
S-W buttons to jump to the area you want to check.
3   Select the term that you want to know more about.
4   Close the Window when you are finished.

To move on to the next topic in the browse sequence:

Press >>

To go back to the previous topic in the browse sequence:

Press <<

See Also

For Help About New Functions and Terms

For More Information About Using Help in Windows

For Help About New Functions and Terms

Hypertext and hypergraphics give you instant access to more information about on-screen functions and terms. They also let you jump quickly to other related topics.

Important!   When you pass the mouse cursor over hypertext or hypergraphics, the cursor changes from an arrow to a pointing finger.

Hypertext

Hypertext displays on your screen as green text, as shown below:

　　　　The printer driver includes on-screen examples.

If you click hypertext that has a dotted underline, Help displays a pop-up box that contains more information about that term. To close the pop-up box, click a mouse button or press the **Esc** key on the keyboard.

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

Hypergraphics

Hypergraphics are on-screen icons or graphics that you click to perform a function or provide a link to more information.

See Also

How to Find Information in Help

For More Information About Using Help in Windows

For More Information About Using Help in Windows

To learn more about using Helps, see your Windows documentation or select **Help** from the Program Manager's Help Menu for Windows 3.1 or select **Help** from the Start Menu for Windows 95.

About the EPSON Stylus Series Printing System

Welcome to the EPSON® Stylus™ Series printing system, where printing is fast and effortless and your output can be customized for all your printing needs.

You install the EPSON Stylus Series printing system the same way as any other Microsoft® Windows® printer driver, but the EPSON driver has some major advantages over conventional Windows technology:

The printer driver includes on-screen examples of how your images will print as you change the printer driver settings.

The printer driver screen is divided by simple-to-use tab menus that follow the graphic style of Windows.

The software release time is much quicker than conventional printer drivers.

Printed colors are richer and truer to the screen image due to the printer drivers automatic color adjustment settings.

Photographs look realistic and graphics are smoother because of the drivers advanced halftoning and MicroWeave features.

Print time is significantly shorter than with many other ink jet printers, even when the driver is processing color images.

The status monitor in the Despooler displays the current printer status and, if you are using Windows 95, the remaining ink level.

In addition, you can use a wide variety of printer driver options to create fantastic printed images without sacrificing overall system performance.

See Also

Technical Description

The EPSON Stylus Printing System -
A Technical Description

For those users who are familiar with the internal operations of Microsoft® Windows®, the following technical description may be of interest.

The EPSON Stylus Series printing system is an advanced Windows GDI-style software printing system that operates as follows:

The printer tells the application driver that the printer is a raster device that can render the entire image in a single band. The driver also reports that certain advanced printing options are supported. All of these special capabilities save the application work and avoid the overhead of having to replay the image multiple times.

The GDI commands necessary to represent the image are encoded into a highly-optimized journal file. The application releases when generation of the journal is complete. Compared with the spool files generated by standard Windows drivers, journal files are very compact and are the same size regardless of whether the print is in color or monochrome. By holding the information in a journal, the entire document can be replayed to simulate multiple hardware copies or to provide last-to-first printing options.

The EPSON Spool Manager is responsible for initiating the EPSON Despooler which replays the journal file back to a mini-driver for the target device. Both the EPSON Spool Manager and EPSON Despooler use a highly-efficient, multi-threaded tasking system to ensure minimum impact on the foreground application.

Additionally, the EPSON Despooler displays the following status items if you are using Windows 95, and your computer is equipped with a bidirectional parallel port and a suitable parallel cable:

Printer status (icon) Time out, During checking, Ink Query Received, During printing, Low ink

Current ink quantity (bar graph): black, color

See Also

Despooler and Status Monitor

Copyright and Trademark Information

EPSON

The EPSON Stylus Series Printing System is a development of Software 2000 Ltd., Oxford, England.

Portions Copyright © 1994,1995,1996 Seiko Epson Corporation

Copyright © 1994,1995,1996 Software 2000 Ltd., Oxford, England

All rights reserved.

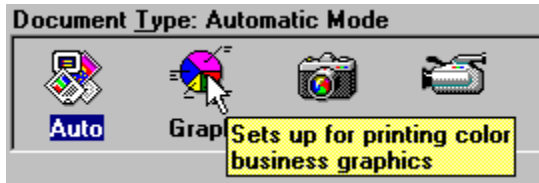# Contents

![icon] Using the Driver Settings Window

When using the Driver Setting windows, there are two quick ways to learn more about a setting or option on the menus:

The Prompt Box

Document Type: Automatic Mode

Sets up for printing color business graphics

To see the prompt box, a short explanation of a setting or option, hold the mouse cursor over a setting or option for a few seconds.

Note: This kind of help is not available for all the items on your screen. You may have to click the **Help** button and search for help about that item.

What's This?

Ink: Monochrome Printing

What's This?

If you are using Windows 95, you can get a more complete explanation of a setting or option by right-clicking that item and then clicking the What's This? box. Help related to that item only will appear. This feature is only available in Windows 95.

Note: This kind of help is not available for all the items on your screen. You may have to click the **Help** button and search for help about that item.

Selecting a Menu

When you access the printer driver, you see the following tabbed menus:

Main | Graphics
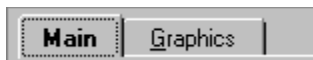
To select a specific menu:

Click the tab at the top of the menu with your mouse *or* hold down the **Alt** key and press the underlined character in the tab.

Main | Graphics
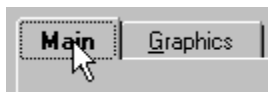
Choosing Settings

After selecting a menu, you can choose settings in any of the following ways:

Click the option button or name
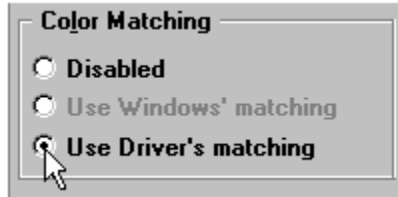
Click the check box

Click the drop-down list box, and then click the item
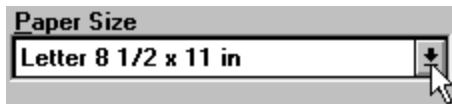
Saving Settings

To save your new settings:

Click **OK**

This closes the driver and saves your new settings. Your settings stay in effect until you make additional changes and choose the **OK** button again.

Restoring Default Settings

To restore the driver's factory default settings:

Click **Restore Defaults**

Applying New Settings Before You Exit

To display the effect of your new settings before you exit the driver:

Click **Apply**

Exiting the Driver

There are two ways to exit the printer Driver Settings window:

To exit the Driver Settings window and save your settings:

Click [OK]

To exit the Driver Settings window and ignore your new settings:

Click [Cancel]

Displaying Information About the Driver

To display general information about your EPSON Stylus Series printer driver:

Click [About...]

If you need technical support for an EPSON Stylus Series printer, it is a good idea to make a note of the version information in this dialog box.

See Also

A Quick Guide to Using Help

Main Menu

To access the menu that displays the general printer driver options:

Click   You see:
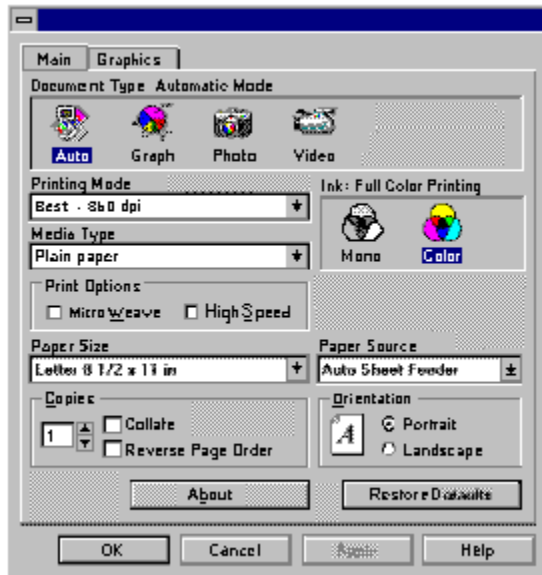
Note: This is the Driver Settings Window for the Stylus COLOR 500. In the driver for the Stylus COLOR 200 and Stylus 200, **Head Unit** replaces **Ink** as the name of the color content option. The function remains the same.

Use the Main Menu to select the:

Document Type   Ink or Head Unit

Printing Mode   Media Type

Print Options   Paper Size

Copies   Paper Source

Orientation

Note: If you make changes in the Graphics Menu, **(Customized)** appears on the top of the Main Menu. This word remains there until you click Restore Defaults or reset the setting(s) yourself.

See Also

Graphics Menu

Graphics Menu

To access the menu that displays the graphics options:

Click **Graphics**   You see:

Use the Graphics Menu for:

Selecting the Color Matching Method   Adjusting the Image

Selecting the Halftoning Method   Adjusting the Color Balance

See Also

Main Menu

Document Type

The **Document Type** settings you can make depend on what you want to print and the ink color you choose.

Color Ink   **Black Ink**

Auto -- Lets your printer driver analyze the print data and automatically adjust the settings to obtain the best possible results. For most printing jobs, leave the option set to **Auto**.
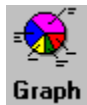
Graph -- Is best for graphics-intensive documents such as presentations.

Photo -- Is best for printing photographs.

Video (Color) -- Is best when printing color images from a digital camera or other video source. If you select this setting, the **Contrast** and **Saturation** settings (in the **Color Balance** box) on the Graphics Menu automatically change to +20%.

Economy -- Is useful when you want to save ink.

Video (Mono) -- Is best when printing high-quality black-and-white images or drafts of color images taken by a digital camera or other video source. If you select this setting, the **Contrast** setting on the Graphics Menu automatically changes to +20%.

When you select the document type, the **Halftoning** and **Color Matching** options are set automatically as shown below:

Options	*Halftoning*	*Color Matching*
Graph	Dithering A	Match for business graphics
Photo	Error Diffusion	Match for photo images

Video (Color)	Error Diffusion	Use driver's matching
Economy	Dithering A	None
Video (Mono)	Error diffusion	None

See Also

Select the Color Matching Method

Selecting the Halftoning Method

Ink or Head Unit

Ink or Head Unit

The **Ink** setting determines the color content of your printout for the Stylus Color 500. For the Stylus Color 200 and Stylus 200 series printers, this setting is called the **Head Unit**. The settings are the same as those for the Stylus Color 500.

Note: For Stylus 200 users, the Color setting is available only if the optional Color Upgrade Kit is installed.
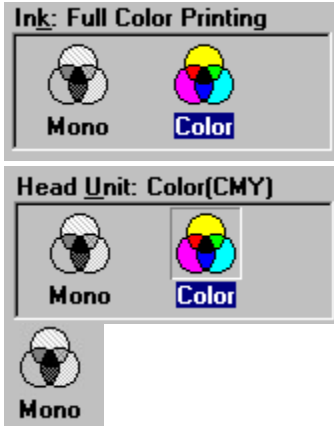
Mono -- Prints in black only.

Color -- Prints in color using combinations of cyan, magenta, yellow, and black (depending on your printer).
Note: If you make a **Document Type** setting other than **Auto**, make the **Ink** or **Head Unit** setting first and then set the **Document Type**.

See Also

Adjusting the Image

Selecting the Color Matching Method

Document Type

◰ Printing Modes

When you select the **Printing Mode** drop-down menu you see:
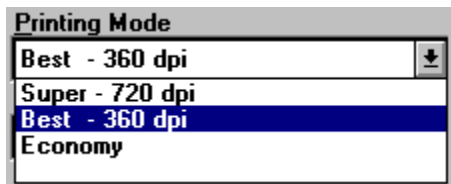
The three available printing modes are:

Super - 720 dpi

Best - 360 dpi

Economy

If you change the printing mode, be sure that you are using an appropriate Media Type.

Note: The higher the dpi setting, the longer the printing time.

See Also

Document Type
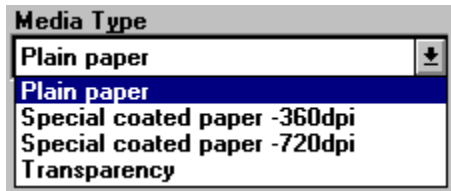
Ink or Head Unit

Media Type

Media Type

When you open the **Media Type** drop-down menu you see:

Your EPSON Stylus Series printer can print on most types of paper. However, to get the best results it is important to match the **Printing Mode** setting to your **Media Type** setting.

Note: Before changing the media type, change the printing mode.

The **Media Types** available for each printing mode depend on your printer model:

Print mode	Stylus Color 500	Stylus Color 200, Stylus 200
Super - 720 dpi	Plain paper Special coated paper - 720 dpi High-quality glossy paper	Plain paper (Black only) Special coated paper - 720 dpi (Color only) High-quality glossy paper (Color only)
Best - 360 dpi	Plain paper Special coated paper - 360 dpi Transparency Special coated paper - 720 dpi (color only)	Plain paper Special coated paper - 360 dpi Transparency
Economy	Plain paper	Plain paper

The available **Media Type** settings are:

Plain paper

Select this option for most types of documents. You should also select this option if you are not using special coated paper, high-quality glossy paper, or transparencies.

Special coated paper - 360 dpi

For good print quality, use EPSON *Special coated paper for 360 dpi printing* and select this option.

Special coated paper - 720 dpi

For excellent print quality, use EPSON *Special coated paper for 720 dpi printing* or EPSON *High-quality glossy paper* and select this option. This setting should also be used when printing on the front (coated) side of EPSON *Special coated index card for 720 dpi printing*. If you want to print on the back of an index card, select **Plain paper** as the Media Type.

Transparency

To print overhead transparencies, use EPSON *Transparencies* and select this option and the **Best - 360**

dpi printing mode.

Note: Use EPSON *Transparencies* only. No other type of transparency is supported.

High quality glossy paper

To print on high quality glossy paper, use only EPSON high quality glossy paper and select the **Super - 720 dpi** printing mode.

Note: Use EPSON high quality glossy paper. No other type of glossy paper is supported.

See Also

Printing Modes

Ink or Head Unit

⚡ Print Options

Under **Print Options** on the Main Menu you see:

```
┌─ Print Options ─────────────────┐
│  ☐ MicroWeave   ☑ High Speed    │
└─────────────────────────────────┘
```

Your **Print Options** settings are:

MicroWeave

When **MicroWeave** is selected, your printer generates superior output because your graphics data is re-ordered and printed in finer increments. This technology reduces the possibility of banding -- unwanted lines in graphics.

For best results, use EPSON's special coated paper, transparencies, or high-quality glossy paper with MicroWeave.

Note: **MicroWeave** is recommended for printing in color. You can select **MicroWeave** for Monochrome printing, but the printing time is significantly longer.

High Speed

When you select this option, printing is performed in both directions: from left to right and right to left. Bidirectional printing is faster and is recommended for most printing jobs except for detailed graphics.

 For Stylus Color 200 and Stylus 200 Users
The **High Speed** default setting is off when printing in monochrome but on when printing in color.

 For Stylus Color 500 Users
The **High Speed** default setting is on when printing in monochrome or color.

See Also

Printing Modes

Media Type

Document Type
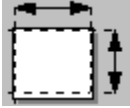
 Paper Size

In the **Paper Size** drop-down menu you see:
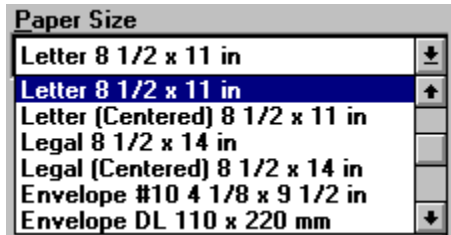
Select the paper size you have loaded in the printer. Your choices are:

Type	*Dimensions*
Letter	8-1/2 X 11 inches
Letter (Centered)	8-1/2 X 11 inches
Legal	8-1/2 X 14 inches
Legal (Centered)	8-1/2 X 14 inches
A4	210 X 297 mm
A4 (Centered)	210 X 297 mm
Statement	5-1/2 X 8-1/2 inches
Executive	7-1/4 X 10-1/2 inches
Envelope #10	9-1/2 X 4-1/8 inches
Envelope DL	220 X 110 mm
A6 Index card	105 X 148 mm
B5	176 X 250 mm
User defined	100 to 329 mm X 100 to 1117 mm

Note: Always load paper into the sheet feeder short edge first except for envelopes. Load envelopes long edge first.

Copies

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

Entering the Number of Copies

Copies

1

To specify the number of copies:

1   Click in the number box and type the number you want, or...

2   Click the arrows next to the number box.

You can enter a number from **1** to **99**.

Choosing the Collation Method

The two additional options in the **Copies** box are **Collate** and **Reverse Page Order**. Click on these options to turn them on. A check inside the box indicates the option is turned on. The option is turned off when the box is empty.

To print multiple-page documents in sets:

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

☑ Collate
☐ Reverse Page 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 Page Order** check boxes.

☑ Collate
☑ Reverse Page Order

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

Click only **Reverse Page Order**.

☐ Collate
☑ Reverse Page Order

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.

Paper Source

Paper Source
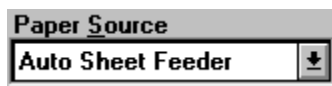
Auto Sheet Feeder

The Stylus COLOR 500, Stylus COLOR 200, and Stylus 200 printers have a built-in sheet feeders, so you do not need to change this setting.

Search Page Orientation

To change the orientation:

Click the appropriate option button to specifity the orientation of the image on the page.

Portrait -- Prints on the page upright.

Landscape -- Prints on the page lengthwise, which is useful for spreadsheets or presentations.

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

Selecting the Color Matching Method

This feature provides you with several color matching schemes that give you more control over the color in your printouts. **Color Matching** can also be turned off.

When **Auto** is selected in Document Type, the printer driver analyzes the data for each page of your document and automatically adjusts the **Color Matching** settings.

Note: You may need to experiment with different settings until you get the output you want. Also, **Color Matching** is not available when **Mono** is selected in the Ink (**Head Unit**) option.

The following settings are available:

Disabled
Disables color matching.

Use Windows' matching
Enables Windows 95 color matching. This option is not available with Windows 3.1x. Also, this option is only available in a few cases, such as when you print at 720 dpi using **Error Diffusion**. Use the driver's color matching system whenever possible.

Use Driver's matching
Enables matching by the EPSON Stylus Series driver.

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

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

Match for logo
Provides output that closely matches the original screen colors. Use this setting for computer generated illustrations or art.

See Also

Adjusting the Image Settings

Document Type

Adjusting the Image Settings

The **Image** settings include **Brightness** and **Contrast**.

Brightness

The **Brightness** option changes the lightness or darkness of an image. You can adjust the brightness in a range of -50% to +50%.

To adjust the brightness:

Click the arrows or drag the scroll bar to the right or left with your mouse.

Contrast

The **Contrast** option changes the ratio between the lightest and the darkest parts of an image. You can adjust the contrast in a range of -50% to +50%.

To adjust the contrast:

Click the arrows or drag the scroll bar to the right or left with your mouse.

Note: You can confirm the effect of the setting by looking at the image on the right side of the **Image** window.

See Also

Selecting the Color Matching Method

Selecting the Halftoning Method

To print an image that looks like the image on your screen or the scanned original, the printer driver processes the image by using halftoning. Halftoning is a method of converting a continuous tone image into patterns of tiny dots that represent the image. This process is similar to the one used to print photographs in magazines and newspapers.
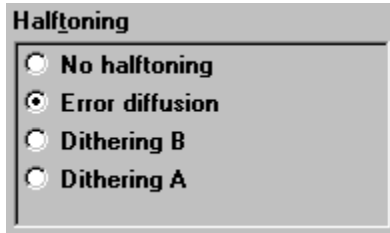
The halftoning method you choose depends on the type of image you are printing. The image next to **Halftoning** changes to show the effect of the selected setting.

To take advantage of EPSON's intelligent color correction feature, select the **Auto** option from Document Type. When **Auto** is selected, the printer driver analyzes the data for each page of your document and automatically adjusts the settings.

Note: The quality of printed graphics is directly affected by the halftoning method you choose. You may need to experiment with different settings to get the output you want.

The options are:

Use this setting for text only documents. This is the fastest setting.

Use this setting for photographic images or equivalent drawings. This produces the highest quality output.

Use this setting for graphic images with significant detail but limited shading.

Use this setting for graphic images with limited detail and shading.

See Also
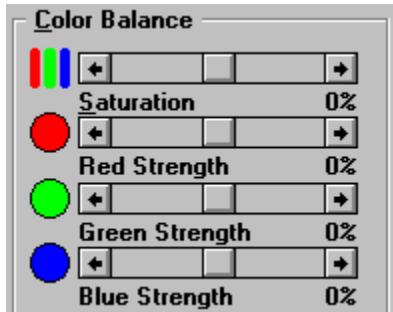
Document Type

Media Type

Selecting the Color Matching Method

Adjusting the Color Balance

The **Color Balance** settings include **Saturation**, **Red Strength**, **Green Strength**, and **Blue Strength**.

 Saturation

The **Saturation** option changes the vividness of color. Negative saturation produces colors that are softer than those produced with positive saturation. You can adjust the saturation in a range of -50% to +50%.

To adjust the saturation:

Click the arrows or drag the scroll bar to the right or left with your mouse.

 Red, Green, and Blue Strength

These options adjust the amount of each of the three primary colors. You can adjust the strength in a range of -50% to +50%.

To adjust one or all of the color strengths:

Click the arrows or drag the scroll bar to the right or left with your mouse.

You can confirm the effect of the setting by looking at the image on the right side of the **Color Balance** window.

Note: These settings cannot be changed when **Mono** (black ink only) is selected in the Ink (**Head Unit**) option

See Also

Selecting the Color Matching Method

Contents

General Printing Procedures

This section describes the day-to-day procedures you can use to get the best performance and output from your Stylus Series printer.

Using the Auto Mode

For most printing jobs, leave **Document Type** set to **Auto** in the Main Menu. This setting lets your printer driver analyze the print data from your application and automatically adjust the settings to obtain the best quality printout.

If you want to select a setting other than **Auto**, select the **Ink** setting first and then change the **Document Type**.

Using the Main Menu

You would normally use the Main Menu to select options that your applications cannot provide.   These include:

Document Type

Ink or Head Unit

Printing Mode

Print Options

Media Type.

Using Your Application Software Settings

The following settings can be made through the driver's Main Menu, but these are settings that you would normally choose from your application software:

Paper Size

Copies

Paper Source

Paper Orientation.

See Also

Special Printing Procedures

Special Printing Procedures

Color printing is an art that is both highly technical and very subjective. This is why EPSON has provided the Graphics Menu, which gives you a level of control unmatched by many application programs.

Matching Screen Output to Print Output

If you find that the colors you see on the screen do not match your printout, you may need to change the Color Matching option.

Adjusting Your Color Output

When you are working with photographs, video images, or scanned images, you may find that your application cannot provide the expected brightness, contrast, or color intensity. If this is the case, you may want to experiment with the following settings in the Graphics Menu:

Image Adjustment

Halftoning

Color Balance

See Also

General Printing Procedures

Contents

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, this journal file is sent to the default spool directory by the EPSON Spool Manager. The Spool Manager then assigns the journal file to the appropriate print queue. When the journal file reaches the front of the queue, it is sent to the EPSON Despooler and then to the target printer.

The Despooler appears on your screen when it receives a journal file 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 status.

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

The Spool Manager starts automatically when you select **Print** from your application. The Spool Manager remains an active icon on your Windows desktop until you close it or exit Windows. The icon is shown below:

You can also start the Spool Manager directly from the EPSON Windows group by double-clicking the icon.

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

See Also

Spool Manager

Despooler and Status Monitor

▦ Spool Manager

To access the Spool Manager:

Double-click ▨ from the Windows desktop or the EPSON group icon. You see:

Printer/Document Name	Status	Size	Time
🖨 Epson EPL-7500 on LPT1:			
🖨 **Epson Stylus COLOR 500 on LPT1:**	**Idle**		

EPSON Spool Manager

Queue   Document   View   Options   Help
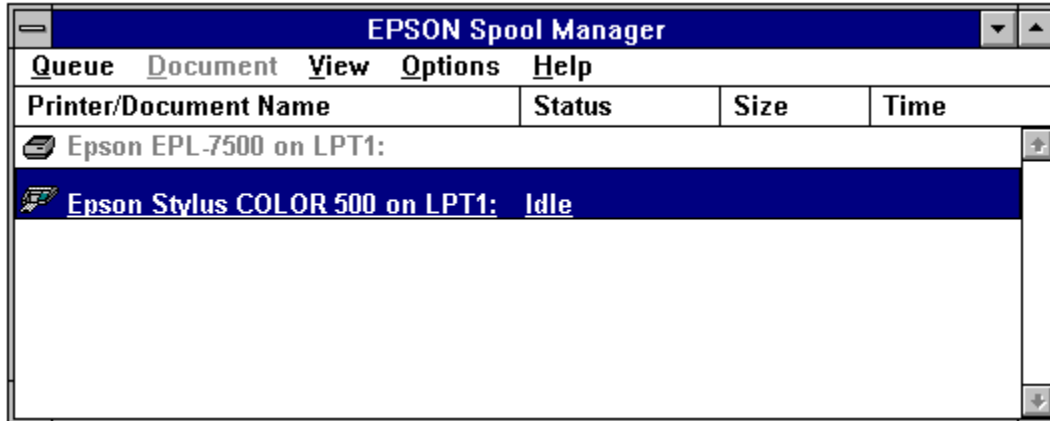
From the Spool Manager you can select:

The Spool Manager Window   The Queue Menu

The Document Menu   The View Menu

The Options Menu   The Help Menu

The Spool Manager Window

The Spool Manager window shows the list of EPSON Stylus printer <u>queues</u>. <u>Journal</u> files that are currently printing or waiting to be printed will be shown in the assigned queue.

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.

You can change the options of an EPSON Stylus print queue by double-clicking on it or by clicking once to select it and then choosing an option from the <u>Queue menu</u>.

Journal Files

Journal files are shown in their assigned queue. If you double-click a journal file, a dialog box appears. In this dialog box you can check journal file information, such as file size and status. You can also stop printing a file, place it on hold, delete it, or re-queue it for later printing.

Alternatively, you can click a file and then choose an option from the <u>Document menu</u>
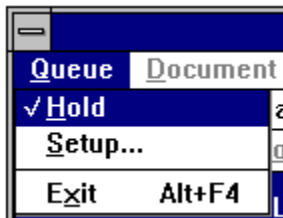
The Queue Menu

The **Queue** menu allows you to place EPSON Stylus print <u>queues</u> on hold, release them to allow <u>journal</u> 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.

    2   Click the **Hold** option on the **Queue** menu.

A check mark beside 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 associated with the queue, and journal files are not submitted for printing.

Using the Windows Print Manager

The EPSON Despooler normally prints directly to the printer.

To schedule print jobs through the conventional Windows Print Manager:

    1   Select the queue.

    2   Either double-click the queue or select the **Setup** option on the **Queue** menu.

    3   Select **Use Print Manager for this port** option and choose the **OK** button.


Network Printing

The EPSON Stylus Series printing system allows you to send journal files from your workstation (Host) to a shared directory on a network server. These files can then be printed by another workstation (Remote) set up to run the EPSON Spool Manager and associated EPSON Stylus printer driver(s). You can do this as follows:

To set up the Host:

1   Select the queue.

2   Either double-click the queue or select the **Setup** option on the **Queue** menu.

3   Click the **Spool to remote printer** button.

○ Spool to **l**ocal printer
● Spool to **r**emote printer
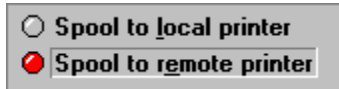
4   Click the **Browse** button and select the spool directory on the remote server which should receive journal files from the spool manager.

To set up a Remote workstation:

1   Install the EPSON Stylus Series printing system and the required <u>printer driver(s)</u>.

2   Access the EPSON Spool Manager from the EPSON Program Group.

3   Either double-click the queue or select the **Setup** option on the **Queue** menu.

4   Select the **Remote Despool** tab and click the **Printing from remote queues** option.

Remote **D**irectory
☒ **Printing from remote queues**
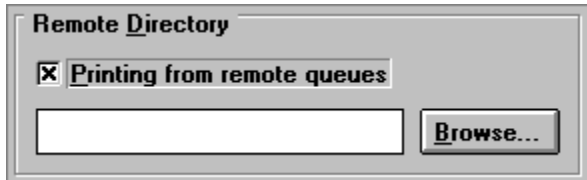
[   ] **B**rowse...

5   Click the **Browse** button and select the spool directory on the remote server that will hold journal files from host workstations.

6   Journals files will be identified by the EPSON Spool Manager and submitted for printing.

The Document Menu

The **Document** menu allows you to control <u>journal</u> files in your EPSON Stylus print <u>queue</u>. Journals can be held, re-queued for printing later, deleted, or kept for subsequent re-printing.

To select options for a journal file, click the journal file and select an option on the **Document** menu.
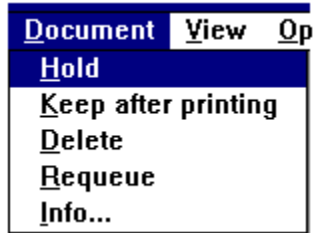
The View Menu

The **View** menu allows you to limit the amount of information displayed by the EPSON Spool Manager. In addition, you can control the EPSON <u>Despooler</u> pop-up display. When options in the **View** menu are selected, the EPSON Spool Manager places a check mark beside them.
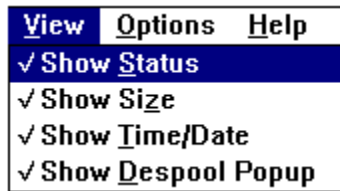
If the Show Despool Popup option is not selected, the EPSON Despooler window will not appear when <u>journal</u> files are submitted for printing. It will appear, however, if an error is reported by the printer.

The Options Menu

The **Options** menu controls the default spool directory, timer, and font selections.

```
Options  Help
 Default Spool Directory...
 Timers...
 Font...
```

Default Spool Directory

Choose this option to override the default TEMP directory setting. Journal files will be sent to this directory instead. This option is equivalent to the Spool Directory setting in the Queue Menu **Setup** option except that it applies to all queues.

Timers

```
        Timers Setup
   Update Timer: 1  sec.
   Remote Timer: 30 sec.

   [ OK ]   [ Cancel ]   [ Help ]
```
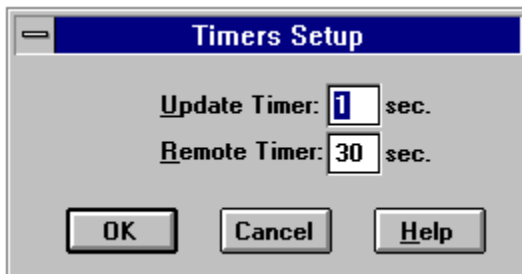
Update Timer

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

Remote Timer

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

See the Queue Menu for more details about network printing.

Font

This option allows you to set the default font that the EPSON Spool Manager uses for displaying information in the Spool Manager window. All of your installed Windows fonts are available.

The Help Menu
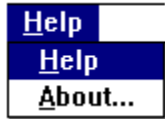
The **Help** option displays a help system only for the Spool Manager.

The **Help** menu provides copyright, trademark, and version information about the EPSON Spool Manager through the **About** option.

See Also

About the Epson Stylus Series Printing System

🖨 Despooler and Status Monitor

The Despooler automatically appears when the Spool Manager sends a journal file to be printed. You see:

Note: The Status Monitor appears only if you are using Windows 95 with a local printer.

From the Despooler you can:

Access Journal File Control   View Printer Status

View Printer Status Under Windows 95 (Status Monitor)

Journal File Control

The EPSON Despooler lets you set the level of control over printing in the same way as with the options on the <u>Document</u> menu of the EPSON Spool Manager.

Buttons

The following buttons gives you full control over journal file printing:

Stop -- Cancels printing.

Pause -- Pauses printing until you press it again.

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

About and Help

The **About** button provides version and trademark information about the EPSON Despooler. The **Help** button brings you directly to this Help window.

See Also

<u>Spool Manager</u>

Viewing Printer Status

Time: 0:00:07

The progress of the current page is shown by the image of a document in the upper right of the despooler window. Each page of the document is divided into one or more horizontal bands for processing. Once a band is sent to the printer, the Despooler 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 (such as a graphic image) or your computer has little free memory, there will be many bands.

Status messages and symbols representing error conditions are displayed on the image of your printer in the despooler window.

When you correct a problem with the printer, the Despooler continues with the print job.   If a serious error occurs, such as printer power failure, you may need to re-queue the journal and print again.

95 Viewing Printer Status Under Windows 95

If you are using Windows 95 and your computer system is equipped with a <u>bidirectional parallel port</u> and a suitable interface cable, the lower portion of the Despooler window displays the following Status Monitor:
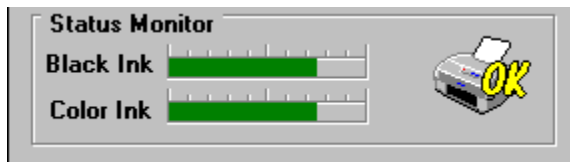
The **Black Ink** and **Color Ink** level indicators provide a graphical representation of the amount of ink in the printer. As you use up ink, the indicator drops in 25% (quarter) increments. When the level drops to 20%, the indicator turns yellow. When the level drops to 10% or less, the indicator is red.

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

Checking the printer status.

An error has occurred. 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 out.

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

Printer Status

Even if you have turned off **Show Despool Popup** on the **View** Menu of the Spool Manager, the <u>EPSON Despooler</u> pops up only when errors, such as paper out and printer off line, are reported by your EPSON Stylus printer. Try taking the printer off line or removing paper from the input tray while printing to demonstrate this capability.

A-D
E-H
I-R
S-W
Close

- W -

Windows GDI
WYSIWYG

About

There are several menus and windows in the Stylus printing system that give you information about the EPSON printer driver. These areas display an "About" button or option. Click this button or option to get more information.

Additive colors

Colors that are produced by adding together the varying intensities of the three primary colors: red, green, and blue.

Best - 360 dpi

A Stylus Series printing mode that prints quickly at 360 dpi (dots per inch) resolution. This mode is best for plain paper, special coated paper - 360 dpi, and transparency film.

You can use this mode for both monochrome and color printing.

Bidirectional Parallel Port

A bidirectional parallel port allows data to flow between your computer and printer. This means that your EPSON Stylus printer can send special information back to your computer. See your computer user's guide (or ask your dealer) to see if your computer is equipped with a bidirectional port.

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

Bidirectional printing

Images are printed in both directions for faster printing. The **High Speed** setting on the Main Menu enables this type of printing.

Brightness

The lightness or darkness of an image. You can adjust the brightness of a printed image from the **Image** option on the Graphics Menu.

Browse Sequence

A browse sequence follows a path through the topics in Help in a certain order. Press the **>** key on your keyboard to proceed to the next screen in the sequence.

The browse sequence in the Epson Stylus Help Window helps you learn how to use the most important features of your printer driver.

Cancel button

Click the **Cancel** button to exit the printer driver without saving any changes to driver settings.

CMYK

Cyan - Magenta - Yellow - Blac**K**.

The three primary process (subtractive) colors plus black.

Collate copies

You can choose to print your document in order from the first page to the last or reverse the order and print from last to first. You can also elect to collate (sort) a multi-page document into sets. These options are available on the Main Menu.

Color Balancing

The process of adjusting color printout for saturation (hue) and red, green, and blue strength. You can adjust the color balance on the Graphics Menu by clicking the **Color Balance** button and then using the arrows or scroll bars to increase or decrease color stringth.

Color matching

The process that your driver uses to match colors that appear on your screen to the colors in your printout. You select a color matching option from the Graphics Menu. If you don't see the color matching section on the Graphics Menu, click the **Color Matching** button to make it appear.

Contrast

The degree of difference between the darkest and lightest areas in an image. The greater the difference, the higher the contrast value. You can adjust the printed image contrast from the Graphics Menu.

Copies

The number of times you want to print a document. The default value is **1**.

You can enter a different value on the <u>Main Menu</u>, but you should normally select multiple copies from the Print function of your application.

Default Settings

Stored settings that take effect when the equipment is turned on, reset, or initialized. You can restore your driver's default settings at any time by pressing the **Restore Defaults** button on the Main and Graphics Menus.

Default Spool Directory

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

You can change the default directory by selecting **Default Spool Directory** from the **Options** Menu in the EPSON <u>Spool Manager</u>.

Restore Defaults Button

Click the **Restore Defaults** button on the Main or Graphics Menu to reset the factory settings for that menu.

Despooler

The Despooler takes the journal files from the Spool Manager and sends them to the printer. The Despooler appears on your screen when it receives a journal file, and you can use the Despooler to stop, pause, or reprint a journal file. If you are using Windows 95, the Status Monitor appears at the bottom of the Despooler.

Dithering

A halftoning method that arranges dots on a page to simulate a shade or tone. You can select either Dithering A or B as the <u>halftone</u> setting. You may have to experiment with the halftone setting to find the method that best suits your printing needs. The <u>Error Diffusion</u> setting usually gives the best results.

Dithering A

A halftoning option on the Graphics Menu for graphic images with limited detail and shading.

Dithering B

A halftoning option on the Graphics Menu for graphic images with significant detail but limited shading.

Document Type

An option in the <u>Main Menu</u> that allows you to choose settings according to the type of document you are printing. In general, you should leave this option set to **Auto**.

Document Type Options

There are five Document Type options on the Main Menu -- **Auto**, **Graph**, **Photo**, **Video**, and **Economy**. In general, you should leave the setting set to **Auto**.

Note: The available Document Type options depend on the **Ink** (**Head Unit**) setting. When **Color** is selected, the available document types are **Auto**, **Graph**, **Photo**, and **Video**. When **Mono** is selected, you can select from **Auto**, **Economy**, and **Video**.

Document Menu (Spooler)

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

dpi

dots per inch. This is the number of dots your printer can print in a one linear inch. Note that if you double the dpi, you increase the total number of dots by a factor of four.

Note: The Printing Modes options do not always yield the same resolutions in both the vertical and the horizontal directions.

Economy

A Stylus Series printing mode that saves ink. This mode is best for printing rough drafts on plain paper.

You can use this mode for both monochrome and color text printing.

EPSON Stylus Printing System

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

EPSON Stylus Series Printer Driver

The printer driver is usually accessed through your applications **Printer Setup** option or through the Printers icon of the Microsoft Windows Control Panel.

The printer driver allows your computer to use all of the features and capabilities of your EPSON Stylus Series printer.

Error Diffusion

A halftoning option on the Graphics Menu for photographic images or equivalent drawings. This is the highest quality but slowest halftoning option.

Font Menu (Spooler)

You can use this menu to change the Spool Manager window font. You access this menu from the drop-down **Options** Menu in the Spool Manager.

Graphics Menu

A menu in the Stylus printer driver that allows you to set the image brightness and contrast, color balancing, halftoning method, color matching method.

Halftoning

Methods of using tiny dot patterns to represent images. Halftoning provides better graphic printout, but slows down printing.

Halftoning Options

Options in the Graphics Menu that allow you to choose from four halftoning methods -- **No halftoning**, **Error Diffusion**, **Dithering A**, and **Dithering B**.

Help Button

Press the **Help** button to display the Stylus printing system Help Window.

High Quality Glossy Paper

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

High Speed

An option in the <u>Main Menu</u> that turns on bidirectional printing for faster print speed. This mode is good for drafts and low-detail drawings and graphs.

Holding (Queue)

If a journal file is still in the Spool Manager <u>Queue Menu</u>, you can delete it or place it on hold for printing later.

Ink Cartridge

The plastic, replaceable ink container. The Stylus Series printers use one color (CMY) cartridge and one black cartridge.

Ink Jet

A method of printing in which each letter, symbol or image is formed by precisely spraying ink onto paper.

Ink Options

The two ink options are **Color** (full color printing) or **Mono** (monochrome printing). You can choose this option on the Main Menu in the Driver Settings window.

Journal File

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

Landscape

The **Orientation** setting on the <u>Main Menu</u> that causes your printer to print lengthwise. The opposite is Portrait.

Main Menu

The primary menu in the Stylus printer driver that allows you to make the most common driver settings.

Media

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

Media Type Options

<u>Main Menu</u> options that allow you to choose the media type -- Plain paper, Special coated paper - 360 <u>dpi</u>, Special coated paper - 720 dpi, High-quality glossy paper, and Transparency film.

MicroWeave

When MicroWeave is selected, the EPSON Stylus Series <u>printer driver</u> enhances the quality of printed images. This is done by passing the print head over the page multiple times, laying down parts of the image on each pass. This unique technique reduces unwanted banding in images.

Images printed by other ink jet printers often have distracting horizontal bands that appear darker or lighter than the rest of the image. With the MicroWeave option turned on, these bands in images are minimized and your EPSON Stylus output looks truly professional. MicroWeave does not affect text output quality.

Since MicroWeave requires several passes during printing, printing time increases. To save time, you should use it only for presentation quality images.

MicroWeave does not affect color printing speed significantly so you should use it for all color printing.

Network Printing

Your Stylus Series printer is designed to be used as a network printer. You can turn the network interface mode on or off from the printer's control panel.

You can also control network print queues from the Spool Manager Queue Menu.

No Halftoning Option

A halftoning option on the Grapics Menu that allows you to turn halftoning off. This option is used for printing drafts, simple graphics, or text.

OK Button

Press the **OK** button at the bottom of the Driver Settings window to save all setting changes and exit the driver.

Options Menu (Spooler)

A menu in the Spool Manager that allows you to change the <u>Default Spool Directory</u>, adjust <u>timers</u>, and change the default font for the <u>Spool Manager</u> window.

Orientation

There are two ways you can print on your media: **Portrait** and **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.

Paper Size Options

An option that lets you select the size of paper for printing. You must change this option in the <u>Main Menu</u> to the paper size in your printer. The default paper size is Letter (8.5 X 11.0 inches).

Paper Source Option

The default paper source for the Stylus Series printers is **Auto Sheet Feeder**. This setting cannot be changed.

Portrait

Portrait images look like this screen. Images are printed with line of text parallel to the short edge of the paper. The opposite is **Landscape**.

Head Unit

The name of the option in the printer driver for the Stylus Color 200 and Stylus 200 that controls the color content in your printout. This option is called **Ink** in the Stylus Color 500 printer driver. All other names and functions are the same.

Queues

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.

An icon representing your print device is displayed with the printer and queue names. The EPSON Spool Manager places a wait symbol on the icon when the queue is on hold or paused. You can hold a queue using the **Hold** command on the Queue Menu.

Queue Menu (Spooler)

A menu in the Spool Manager that allows you to place journals on hold, release them to be printed, and identify if a queue is local or remote.

Release Time

This is 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 printing completes in the background.

Releasing a Queue

You can use the <u>Spool Manager</u> **Queue Menu** to release journals you have placed on hold. The journals will then be printed.

Reverse Page Order

This is an option under copies on the <u>Main Menu</u> that lets you print your document from the last page to the first. This option is useful for multi-page documents that you want to print in normal reading order.

Special Coated Paper - 360 dpi and 720 dpi

Special coated used for high quality printing at 360 <u>dpi</u> or 720 dpi. Use this paper in **Best - 360 dpi** or **Super - 720 dpi** dpi mode when you print highly detailed images.

Spool Manager

When you print your document, the printer driver uses a print spool manager to send the data to the Despooler and then to the printer. This <u>releases</u> your computer and allows printing to take place in the background.

The Spool Manager icon appears when you send a print job. Double-click the icon to open the Spool Manager window.

Status Monitor

A dialog box that appears at the bottom of the Despooler when you send a print job. It provides information on current printer status and ink cartridge supply levels.

You must have Windows 95, a bidirectional parallel port, and a suitable interface cable to be able to use the Status Monitor.

Super - 720 dpi

A Stylus Series printing mode that produces photograpic quality output at a slower speed and 720 <u>dpi</u> resolution. This mode is best when used with special media such as high-quality glossy paper and on special coated paper.

You can use this mode for both monochrome and color printing.

Note: Do not use this mode when printing on transparency film.

Timers Option (Spooler)

There are two types of timers associated with the Spool Manager -- the Update Timer and the Remote Timer.

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

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

Transparency Film

Specially prepared transparency film for use on overhead projectors. You must use only EPSON transparency film that is designed for use with ink jet printers.

Use the **Best - 360 dpi** mode when you print on transparency film.

Windows GDI

Graphics Device Interface (GDI). This is 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 (screen, printer, 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.

View Menu (Spooler)

The Spool Manager has a drop-down **View** Menu that allows you to limit the amount of information that the Spool Manager displays. You can also choose to keep the Despooler from appearing when you print.