

EPSON printer drivers for ESC/P2 printers

The main window allows you to do the most important settings, such as orientation, paper slot, or manual insertion directly via the appropriate combo boxes. The menus Options, Paper Sizes, Print Modes, and Fonts are used to do the detailed adjustment of the printer. You can save the printer driver settings by means of the setting menu.

Papersource: Select the paper feed method which you want to use. It depends on the printer model which different kinds of paper feeding are at your disposal.
Manual - The paper is fed into the printer via the manual feeding of single sheets.
Slot 1 - The paper is loaded into the printer via slot 1 of the single sheet feeder.
Slot 2 - The paper is loaded into the printer via slot 2 of the single sheet feeder.
Slots 1/2 - The first sheet is loaded via slot 1, the following sheets are loaded via slot 2.
If the paper feed method "manual" is set, the print manager issues a message to ensure that a sheet of paper is loaded into the printer.

Paperformat: Use this box in order to select a paper format. The format can already be selected via the menu paper format.
The menu "PAPER SIZES" offers you the possibilities to set your own formats.

Printmode: Use this box to call the print mode options defined before. The print mode options are set via the menu named "PRINT MODES".

Orientation: **Portrait:** The printout is printed in portrait format.
Landscape: The printout is rotated by 90 degrees. This function is especially important for printers which cannot load horizontally. For example select A4 horizontal within your application and A4 horizontal within your driver in order to get printouts in landscape format.

Press the **OK-button** in order to quit the driver. The most important settings are saved.

Press the **Cancel-button** in order to quit the driver. In this case, the settings are **not** saved.

Press the **Help-button** in order to activate the help text.

Additional Items:

The Options Window for selecting printer options.

The Paper Sizes Window for userdefined paper types.

The Font Window for activating printer fonts.

The Print Mode Window for choosing the optimal print settings.

The Settings Window for saving the settings of the printer driver.

The window "Options"

Use this option function in order to adjust your printer driver to additional installations. Be sure that all steps, described in the printer manual are executed correctly. The number and kind of additional equipment characteristics differ from printer to printer.

Printer: Here you will find indicated the printer model which is currently installed. If you want to install additional printer models, you must set them via the installation menu. The files of the printer driver are not copied twice or thrice on the disk, but are completed.

Feeder: Click here to select the feeder type you are using. Depending on the model, it is possible to select single bin or double bin csf.

Press the **Ok-button** to quit the menu. All settings are saved.

Press the **Cancel-button** in order to quit the menu. In this case, the settings are not saved.

Press the **Help-button** in order to activate the help text.

The window "Paper Sizes"

Use the menu "paper sizes" to set up the necessary information on the paper formats, supported by the respective printer model.

On the one hand, you can select all the paper formats which are supported by the printer; on the other hand you are able to define your own paper formats.

In order to define your own paper format follow the steps as described below.

1. You can edit the combo box in which you indicate the name of the paper format. Combo boxes which cannot be edited, dispose of a pull down arrow in their box. This is not valid for the paper format box.
2. After you have entered the name do NOT press CARRIAGE RETURN.
3. For user defined paper formats (fanfold) the width of the paper should be measured without perforation.
4. By means of the TAB-button or the mouse, move the cursor on the fields, where you indicate the sizes of the paper formats.
5. All menus support the following units of measure: cm, inch, pica, points and pixel.

Paper Size: Indicate a name or the dimensions of the paper format which you defined. Do NOT press CARRIAGE RETURN, but the TAB-button to switch to the next field.

Size: Indicate the length and width of the paper which you defined.

M. Unit: All units of measure are given in cm, inch, pixel, pica or points.

Delete: Press this button to delete the paper format indicated in the combo box. The paper formats which you defined yourself, are then deleted and cannot be restored. Factory settings of formats in the driver can be reactivated by means of the RESTORE-button.

Restore: Press this button to reactivate those paper formats in the driver defined by factory settings which have perhaps been deleted.

Press the **Ok-button** to quit the menu.

Press the **Cancel-button** in order to quit the menu.

Press the **Help-button** in order to activate the help text.

The window "Print Modes"

This window "Print Modes" allows you to save different print image settings under a unique name. This setting can be addressed directly in the main menu. Select names which make it easy to understand the settings being made.

Example:

Definition of a print image with the name "Graphics":

1. Resolution: Very high resolution (360 X 360 dpi)
2. Print quality: Letter quality
3. Setting of color: As ESC/P2 printers do not support color, color cannot be selected.
4. Degree of saturation: 60 %. Due to high quality the degree of saturation was increased.
5. Press the OK-button to save this setting as "Graphics".

If it is necessary to change the print mode because of the loaded application, you don't have to do it in the submenu, but you can do so in the main menu. Activate the respective print mode in the main window to load the saved values directly.

Selection: Indicate the name, used to save the following settings. Press the TAB button to switch to the next field.

Resolution: Select one of the following resolutions to print "Graphics", 360 x 360 dpi, 180 x 180 dpi, 90 x 90 dpi, 360 x 360 dpi raster graphic, 180 x 180 dpi raster graphic.

Attention:

If the resolution is set to 360 x 360 dpi raster or 180 x 180 dpi raster, the driver printer compresses the data and send them to the printer in compressed form. The printer decompresses the data immediately before the printout. Raster mode and printer internal fonts are mutually exclusive. Due to technical reasons, graphics and internal fonts (Multipoint-fonts) cannot be used simultaneously. The fonts will be printed as graphics.

Printquality: Select the print quality of the text via this menu. Select between letter quality mode and draft mode.

Ribbon: Indicate the type of the color cartridge you are using. Select between monochrome or color.
You can only indicate this field if you are working with a color printer.

Saturation: Use this slider control to set up the degree of saturation of a graphics.
If the degree of saturation is 100 %, all dots of a graphic, sent by an application, are printed. But in some cases this may not be appropriate because the single dots overlap considerably. As a result, especially large-surface graphics and TrueType fonts are filled with too much printing ink, which gives an impure impression.
If the degree of saturation is below 100 %, a specific algorithm determines which dots within a graphics are not printed. But this algorithm does not falsify the graphics or change it otherwise. This method makes the graphics look sharper and more accurate.

**Dithering,
Screening:**

The printer driver puts two algorithms, used for the printing of graphics, at your disposal.
1) "Screening" displays gray tones and colors by means of different sizes of the dots.
2) "Dithering" displays gray tones and colors by means of different windows patterns.

Burst-Mode: Activate the Burst mode to increase considerably the transmission speed between computer and printer. If the data transmission causes problems, switch the Burst mode off. The Burst mode should be used if your main memory in the computer is very small, i.e. less than 6 MB or if the processing of a big amount of graphics data is required.

Delete: Press this button to delete the configuration set in the field "Selection". This configuration is then lost forever. You have to redo all settings.

Press the **Ok-button** to quit the menu. All settings are saved.

Press the **Cancel-button** in order to quit the menu. In this case, the settings are not saved.

Press the **Help-button** in order to activate the help text.

The window "Font selection"

Your printer is capable to use a variety of fonts, combined with different widths (Character per inch) and different attributes, such as shadow, outline, etc. If the driver offered all fonts to the application, the font selection window of the application would be much too complex, because there were too many fonts at your disposition. In addition, this slows down the speed of the application and uses up too much memory. That is the reason why the printer driver contains a special font selection: to make it possible to activate and to display only the fonts which you want to use in your application. (For example, Windows Write can maximally manage 128 fonts.

Scalable fonts:

The new EPSON ESC/P2 printers have two or four integrated scalable fonts. They can be used to improve the printout of your documents. The scalable fonts are available at sizes from 8 to 32 points. The printer driver uses automatically the most appropriate font on the screen, so that screen display and print output are identical. Select the size "scalable PS" out of the window "Font selection". It enables you to select the fonts in all sizes within the application. You can also allocate attributes, such as shadow and outline, to scalable fonts.

Attention:

If the resolution is set to 360 x 360 dpi raster or 180 x 180 dpi raster, the driver printer compresses the data and send them to the printer in compressed form. The printer decompresses the data immediately before the printout. Raster mode and printer internal fonts are mutually exclusive. Due to technical reasons, graphics and internal fonts (Multipoint-fonts) cannot be used simultaneously. The fonts will be printed as graphics.

Select new fonts:

1. As default, the fonts Sans Serif and Roman are disposable.
2. Activate one of the fonts in the list "Font selection", for example: Prestige. The font will be displayed in inverted mode.
3. Now, select the character spacing you want to use. Immediately after you have selected a character spacing, the selected font will be included into the list of fonts.
4. Now, select the attributes, you want to use (normal, shadow, outline, outline with shadow).
5. These attributes will be added to the selected font in the list of fonts.
6. Repeat these steps for all needed fonts.
7. Click ok. Now, the selected fonts will be at your disposal for the different windows applications.

Select-Font: This window shows all fonts, supported by your printer. These fonts are not yet disposable for the Windows applications.

Select-Size: Determine the character spacing of the individual fonts.

Font-Styles: Allocate the attributes normal, outline, shadow, and outline with shadow to the fonts.

A. Font-List: The fonts, listed here are available for the Windows applications. Most Windows applications can only manage 128 fonts. Pay attention to this when selecting fonts. In total, the number of fonts should be less than 64.

Delete: Press this button to delete fonts which are not needed any longer from the font list.

Press the **Ok-button** to quit the menu. All settings are saved.

Press the **Cancel-button** in order to quit the menu. In this case, the settings are not saved.

Press the [Help-button](#) in order to activate the help text.

The window "Settings"

The dialog settings allows you to save all settings of the printer driver. Enter a name and click Save. This setting can then be selected by the name you chose.

The displayed driver presetting is deleted if you push the `delete` button. This setting `cannot` be reactivated.

