

Welcome to the Lexmark

Universal Driver version 2



Understanding the Universal Print Driver

Using the Layout tab

The Layout tab controls the organizational attributes of each print job.

Use	To
Copies	<p>Specify the number of copies to be printed and how each copy is organized.</p> <ul style="list-style-type: none"> • Number of Copies—Select the number of copies to be printed. • Collate—Select the order in which pages are printed when printing multiple copies of a document. For example, if you are printing two copies of a five-page document, then the collated output is 1, 2, 3, 4, 5, 1, 2, 3, 4, 5. The non-collated output is 1, 1, 2, 2, 3, 3, 4, 4, 5, 5. <p>If the installed memory is insufficient to collate the document, then the collated output is generated for each page that is already stored in the memory, so the output might be 1, 2, 3, 1, 2, 3, 4, 5, 4, 5.</p> <ul style="list-style-type: none"> • Reverse page order—Print the pages of a document in reverse order so that in the finished output, the last page appears on top. If you want the output back in normal page order, then manually reverse the pages.
Page Orientation	<p>Specify the alignment of the paper or form when it is printed.</p> <ul style="list-style-type: none"> • Portrait—Select the vertical page orientation, where the page is taller than it is wide. • Landscape—Select the horizontal page orientation, where the page is wider than it is tall. • Rotate 180°—Rotate the page image to 180 degrees. This setting can be used with the other orientation options.
Print on Both Sides (Duplex)	<p>Specify which settings to use when printing on both sides of the page. Select a two-sided printing method from the list. Long Edge and Short Edge specify which edge of the printed document will be used as the binding edge.</p> <p>Notes:</p> <ul style="list-style-type: none"> • You can print instructions for manual two-sided printing in select printer models. • You can use the Dry Time Delay menu in select printer models to specify how long it takes before the printer prints on the opposite side of a freshly printed page. <p>Dry Time Delay menu settings include the following:</p> <ul style="list-style-type: none"> • Normal (Default)—This uses the standard drying time. • Medium—This partially extends the drying time. • Extended—This uses the maximum drying time.

Use	To
Page Layouts	<p>Select Page Layout section options.</p> <ul style="list-style-type: none"> • Normal—Page Layout options are not applied to the print job. • Multiple pages per side (N-Up)—Print multiple pages on each sheet of paper. • Booklet—Print a document as a booklet. • Poster—Print a document in a larger format. • Mirror—Print a mirror image of the document. <p>Note: Some options are available only in select printer models.</p>
Document Reading Order Preset	<p>Select the reading order of the document you are printing.</p> <ul style="list-style-type: none"> • Left to right • Right to left <p>Note: The reading order changes the preset value of the “Page order” option in the “N-Up settings” dialog, “Binding edge” option in the “Booklet settings” dialog, and “Near” and “Far” alignment positions when editing watermarks.</p>

Notes:

- Some options shown on the Layout tab are available only in select printer models and drivers. For more information, see the *User's Guide*.
- The settings specified in the Layout tab may be independent from the options that are selected in the print dialog of a Windows-based program. Program settings typically override the settings in the Layout tab.
- Specifying multiple number of copies on both the Layout tab and the Windows-based program print dialog may produce unpredictable results.
- To save the Collate setting, select **Use printer-based** in the Configuration tab of the Printer Properties dialog.

Using the Paper/Finishing tab

The Paper/Finishing tab controls the paper and finishing attributes of each print job.

Use	To
Paper	<p>Select paper handling options.</p> <ul style="list-style-type: none"> • Paper Size—Select the size of paper to be used for the print job. • Resizing Options—Select Fit to paper size to automatically scale the page image to match a specific paper size, or manually scale the document image by a certain percentage. <p>Notes:</p> <ul style="list-style-type: none"> – Some Windows-based programs offer a scaling option. Using the two options simultaneously may produce unexpected results. – The scaling option is available only in the PostScript driver. <ul style="list-style-type: none"> • Manage Custom Sizes—Add, edit, or delete a custom paper size. When a custom paper size is created or modified, it is available for selection in the Paper Size menu. • Use full printable area—The page image prints as close to the edge of the page as the printer allows. The full printable area on the page may vary from printer to printer. • Paper Type—Select the type of paper to be used. • Paper Source/Tray—Select the paper tray to be used. • Use multiple input options—Use paper or other media from different paper trays in the same print job. <p>Note: This option may not be available in some drivers.</p>
Finishing	<p>Select available finisher options installed for use with the printer.</p> <ul style="list-style-type: none"> • Output Bin—Select the bin to use. <p>Note: Supported bins may vary for different printers. See your printer documentation for a list of available bins.</p> <ul style="list-style-type: none"> • Offset—Stack print jobs in staggered sets in a bin. • Staple—Specify the number and placement of staples in a finished print job. • Hole Punch—Specify the location and number of holes to be punched in the finished print job. • Fold—Specify how the finished print job will be folded.

Notes:

- Some finishing options are available only on select printers. For more information on the available finishing options, see the printer *User's Guide*.
- Finisher options must be installed for them to be available in the Paper/Finishing tab.

Using the Quality tab

The Quality tab controls the print and image quality settings of a print job.

Use	To
Print Quality settings	<p>Optimize the print quality of the print job.</p> <p>For color printers:</p> <ul style="list-style-type: none"> • Text—Print the document using settings optimized for text. • Text/Photo—Print the document using settings optimized for text and photos. • Photo—Print the document using settings optimized for photos. • Custom—Print the document using settings specified by the user. <p>For monochrome printers and inkjet printers:</p> <ul style="list-style-type: none"> • Draft—Print the document using the lowest resolution for faster printing. • Normal—Print the document using the standard print quality settings. • Best—Print the document using the best possible resolution. • Custom—Print the document using settings specified by the user. <p>Note: For inkjet printers, you can also choose Auto to let the printer automatically select the appropriate print resolution settings.</p>
Sharpen	<p>Sharpen the detail of the print image by increasing the contrast around the edges of text and images.</p> <p>Notes:</p> <ul style="list-style-type: none"> • This option is available only in inkjet printers. • When printing images that have already had a sharpening effect applied by another application, using the Sharpen feature in the driver can produce unintended results.
Resolution	<p>Specify the printed output resolution.</p> <p>Note: This option is available only in laser printers.</p>
Enhance fine lines	<p>Print the document with finer detail.</p> <ul style="list-style-type: none"> • Use printer settings—The printer applies this setting as configured in the printer. • On—Enable the “Enhance fine lines” feature and provide fine detail on print jobs. • Off—Disable the “Enhance fine lines” feature. <p>Note: This option is available only in laser printers.</p>
Color Preference	<p>Change the intensity of the colors on the printed page.</p> <ul style="list-style-type: none"> • Auto—The printer automatically selects the color preference. • Natural—Apply a moderate degree of intensity to printed colors. • Vivid—Apply the highest degree of intensity to the printed colors. <p>Note: This option is available only in inkjet printers.</p>
Advanced Color Options	<p>Determine the print mode for the job.</p> <ul style="list-style-type: none"> • Auto—The printer automatically determines the print mode. • Use ICC test Chart Process—Use a special print mode based on ICC profiles. <p>Note: This option is available only in inkjet printers.</p>

Use	To
Gray Correction	<p>Specify detail control of Brightness and Contrast settings when printing in black and white.</p> <ul style="list-style-type: none"> • Use printer settings—The printer applies this setting as configured in the printer. • Off—Disable the Gray Correction feature. • Manual—Enable the Gray Correction, Brightness, and Contrast controls. <p>Note: This option is available only in monochrome laser printers.</p>
Pixel Boost	<p>Enhance image and text detail in a print job by increasing pixel density according to the selected setting.</p> <ul style="list-style-type: none"> • Use printer settings—The print driver applies this setting as configured in the printer. • Off—Disable Pixel Boost. • Fonts—Darken text within the print job. This setting only affects font data. • Horizontally—Darken horizontal lines of text and images within the print job. • Vertically—Darken vertical lines of text and images within the print job. • Both directions—Darken both horizontal and vertical lines of text and images within the print job. <p>Note: This option is available only in monochrome laser printers.</p>
Color Output	<p>Specify whether a document is printed in color or black and white, and what ink combinations are used to complete the job.</p> <p>Note: This option is available only in inkjet printers.</p>
Send color to printer	<p>Print color images in grayscale.</p> <p>Notes:</p> <ul style="list-style-type: none"> • This option is available only in monochrome printers. • When a print job is sent to the printer, the printer converts colored images to monochrome grayscale. • This option may enhance grayscale images but may result in a slightly slow printing performance.
Print Color Text as Black	<p>Print all color text using black ink only.</p> <p>Note: This option is available only in monochrome printers.</p>
Print text as black	<p>Print text in black, but print images in color.</p> <p>Notes:</p> <ul style="list-style-type: none"> • This option may be available only in select print drivers. • This option is available only in color printers.
Print in black and white	<p>Print the document in black and white.</p> <p>Note: This option is available only in color printers.</p>
Toner Darkness	<p>Lighten or darken the image in your print jobs and maximize your toner supply.</p> <p>Note: This option is available only in laser printers.</p>

Use	To
ColorSaver™	<p>Reduce the amount of toner that the printer uses when printing graphics and images in color. Text continues to be printed using the default amount of toner.</p> <p>Note: This option is available only in laser printers.</p>
Edit Color Correction	<p>Adjust the printed color to better match the colors of other output devices or standard color systems.</p> <ul style="list-style-type: none"> • Use printer settings—The printer applies the default color correction settings used by the printer. • Off—Disable color correction. • Auto—Apply a different color conversion table to each object on the printed page, depending on the type of object and how the color for each object is specified. • Manual—Customize the color conversion table that is applied to each object on the printed page, depending on the type of object and how the color for each object is specified. Selecting the Manual Color Correction setting enables the RGB and CMYK Manual Color Correction options. <p>Note: This option is available only in color laser printers.</p>
RGB Correction	<p>Provide fine detail control of Brightness, Contrast, and Saturation settings when printing in color.</p> <ul style="list-style-type: none"> • Use printer settings—The printer applies this setting as configured in the printer. • Manual—Enable the RGB Correction Brightness, Contrast, and Saturation controls. <p>Note: This option is available only in color laser printers.</p>
Edit Color Balance	<p>Apply subtle color adjustments to printed outputs by individually increasing or decreasing the amount of toner used for each color plane.</p> <ul style="list-style-type: none"> • Use printer settings—The printer applies the default color balance settings used by the printer. • Manual—Customize the amount of cyan, magenta, yellow, and black toner used in the printed document. <p>Note: This option is available only in color laser printers.</p>
Edit Color Matching	<p>Match the colors in the printed document to the colors on the monitor.</p> <ul style="list-style-type: none"> • Contrast (for images)—Apply color matching for photographs and images. • Saturation (for business graphics)—Apply color matching for charts or when using bright colors. • Colorimetric (for closest colors)—Apply color matching for a document that has a color that needs an exact match and a printer that can reproduce the specified color. <p>Note: This option is available only in color laser printers.</p>

Use	To
Rich Black	<p>Make black objects richer.</p> <ul style="list-style-type: none"> • On—Uses composite black for black or gray objects during RGB-CMYK color conversion. • Off—Uses either pure or composite black for black or gray objects depending on the color correction mode selected. <p>Note: This option is available only in select print drivers.</p>

Using the Fax preferences tab

The Fax tab in the Printing Preferences dialog controls which fax options are used with each job.

Use	To
Enable fax	Turn on the fax option in the driver.
Always display settings prior to faxing	<p>Display the Send Fax dialog before the fax is sent. This allows you to verify that all recipient fax numbers are correct, and helps to prevent faxes from being sent to an incorrect recipient. If Always display settings prior to faxing is not selected, then the recipient fax number must be verified in the Fax Settings section of the Fax tab.</p>
Fax Settings	<p>Specify the dialing and page information associated with the fax.</p> <p>Fax Settings include the following:</p> <ul style="list-style-type: none"> • Fax number(s)—These are the numbers that the fax will be sent to. Fax numbers can be entered manually or selected from the phone book. • Dialing prefix—This is the dialing prefix needed to access an outside line. If no dialing prefix is required, then leave this field blank. • Fax name—This is the Windows operating system user ID of the computer from which the fax is being sent. • Paper size—This designates the paper size the fax will be formatted for. • Orientation—This specifies the orientation of the fax image.
Cover Page	<p>Add a cover page with the associated information to the outgoing fax.</p> <ul style="list-style-type: none"> • Include cover page with fax—This adds a cover page to the fax. • Include recipient information/comments—This lets you add specific recipient names and comments if the fax needs to be directed to the attention of a specific person or department. • Include sender information—This adds information, such as the sender's name, company, address, and contact information. <p>Note: To specify the sender information in the Fax Cover Settings dialog, click Settings.</p>

Notes:

- The Fax option is available only in PostScript emulation driver. For more information on installing the PostScript emulation driver, see the *Software and Documentation* CD.
- If the Fax tab is not available, then the fax option is not installed.

Using the Watermark tab

The Watermark tab controls the use of watermarks in a print job.

Note: This feature may not be available in some drivers.

Use	To
Do not use watermarks	Exclude watermarks from the print job.
Use the same watermark on all pages	Print the selected watermark on all pages of the printed document.
Use a different watermark on the first page	Specify a watermark for the first page, as well as a different watermark, to display on all other pages. Note: If two-sided printing (Duplex) is enabled, then the specified watermark is used on the front side of the first sheet.
Use a different watermark on odd/even pages	Specify different watermarks for odd and even pages.
Edit Watermarks	Open the Edit Watermarks dialog.

Using the Overlays tab

The Overlays tab in the Printing Preferences dialog controls which overlays are used with a print job and how the overlays are displayed.

Notes:

- The Overlays tab is available only in PCL and PCL XL emulation drivers.
- Overlays are available only in select printer models.

Use	To
Do not use overlays	Exclude overlays from the print job.
Use the same overlay on all pages	Select an overlay to print on all pages of the printed document.
Use a different overlay on the first page	Specify an overlay to print on the first page, and a different overlay to print on all subsequent pages.
Use a different overlay on odd/even pages	Specify which overlays will print on odd and even pages of the document.
Overlay placement	Specify the placement of the overlay in relation to the page images. <ul style="list-style-type: none"> • Over the page's images—Print the overlay on top of the text or graphic. • Under the page's images—Print the text or graphic on top of the overlay.

Using the Print and Hold tab

The Print and Hold tab provides extra controls for how and when a job is printed. When using the Print and Hold tab, you can submit a print job to the printer, but the printer will hold the print job until the user releases it at the printer control panel. The Print and Hold tab provides varying levels of security for held jobs. Refer to the following table to determine the appropriate Print and Hold tab option.

The Print and Hold tab is available in the Printing Preferences dialog.

Note: The Print and Hold feature is available only in select printer models.

Use	To
Use Print and Hold	Enable the Print and Hold tab feature.
Use logged-in user name	Query the Windows operating system for the user's ID and submit the ID as the default user name associated with the held print job.
User Name	Associate a user name with a held print job.
Keep duplicate documents	Allow print jobs having the same user and job names to remain in the printer memory without being overwritten.
Confidential print	Password-protect confidential print jobs with a four-digit personal identification number (<i>PIN</i>). The PIN is four digits, 0–9 or 1–6. For more information on the allowed digits for the PIN, see your printer <i>User's Guide</i> . A confidential print job does not print until the PIN is entered in the PIN field and a user name is selected on the printer control panel.
Verify print	Print the first copy of a complex multiple-copy print job for inspection. The remaining copies are held until they are released for printing or canceled.
Reserve print	Store a print job in the printer memory for printing at a later time.
Repeat print	Print the job immediately and store a copy in the printer memory so that more copies may be printed at a later time.

Notes:

- Some features are available only in select printer models.
- For more information on releasing held jobs from the printer control panel, see the printer *User's Guide*.

Using the Other Options tab

The Other Options tab controls the print driver options not associated with a feature-specific tab.

Note: Some options are available only in select printer models.