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Lexmark CX820dtfe

Lexmark CX820dtfe Laser Multifunction Printer User Manual

Model: CX820dtfe

Product Overview

The Lexmark CX820dtfe is a high-performance color laser multifunction printer designed for workgroup environments. It offers robust printing, copying, scanning, and faxing capabilities, making it a versatile solution for business needs.

Key features include:

- Copier/Fax/Printer/Scanner functionality
- High print speeds of up to 52 pages per minute for both monochrome and color
- Sharp print resolution of 2400 x 600 dpi
- Automatic duplex printing for two-sided documents
- 1200 dpi optical scan resolution
- A 7-inch eTask color multi-touch screen for intuitive control
- Advanced media handling with a standard input capacity of up to 1750 pages, expandable to 4500 pages
- Built-in staple finisher for professional document finishing



Figure 1: Front view of the Lexmark CX820dtfe Multifunction Printer. This image displays the printer's main body, the integrated control panel with a small keyboard, and three large paper input trays labeled 1, 2, and 3. The Lexmark logo is visible on the front panel.

Setup and Installation

Unpacking and Placement

Carefully unpack all components from the packaging. Ensure all protective materials and tapes are removed from the printer. Place the printer on a stable, level surface with adequate space for ventilation and access to power outlets and network connections.

The package includes the main printer unit, a hard drive, and two 550-sheet trays. Additional trays may be included depending on the specific configuration.

Connecting the Printer

1. **Power Connection:** Connect the power cord to the printer and then to a grounded electrical outlet.
2. **Network Connection:** For network functionality, connect an Ethernet cable from the printer's Ethernet port to your network router or switch.

3. **USB Connection (Optional):** For direct connection to a computer, connect a USB cable from the printer's USB port to your computer. The printer features 3 USB 2.0 ports.

Initial Power On and Configuration

Press the power button to turn on the printer. Follow the on-screen prompts on the 7-inch eTask color touch screen to complete the initial setup, including language selection, date, time, and network settings. Refer to the Lexmark support website for the latest driver downloads and installation instructions for your operating system.



Figure 2: Angled view of the Lexmark CX820dtfe Multifunction Printer. This perspective highlights the printer's compact design, the control panel with its touch screen and keyboard, and the three paper input trays. The top document feeder is also visible.

Operating the Printer

Loading Paper

The Lexmark CX820dtfe supports a wide range of paper sizes and types. Open the desired paper tray (Trays 1, 2, or 3) and adjust the paper guides to fit the paper size. Load the paper with the print side facing up (or as indicated by the tray diagram). The maximum input sheet capacity is 1750 pages, expandable to 4500 pages with optional trays.

Supported sheet sizes include: 8.27 x 13 (Folio), 8.50 x 5.50 (Statement), 8.50 x 14 (Legal), 8.50 x 11 (Letter), 10.50 x 7.25 (Executive), various envelope sizes (DL, C5, No. 9, B5, No. 10, C4, No. 7 3/4), A6, A5, B5, A4, 4" x 6", 9" x 12.75", and 5" x 8" (Index Card).

Printing Documents

From your computer, open the document you wish to print. Select "Print" from the application's menu. Choose the Lexmark CX820dtfe as your printer. Adjust print settings such as color/monochrome, duplex printing (automatic), paper source, and quality (up to 2400 x 600 dpi) as needed. Confirm the print job.

Copying Documents

Place your document on the scanner glass or in the automatic document feeder (ADF). On the printer's touch screen, select the "Copy" function. Adjust settings such as number of copies, color/monochrome, reduction/enlargement, and duplex options. Press the "Start" button to begin copying.

Scanning Documents

Place your document on the scanner glass or in the ADF. On the printer's touch screen, select the "Scan" function. Choose your scan destination (e.g., network folder, email, USB drive) and adjust scan settings such as resolution (up to 1200 dpi optical), color mode, and file format. Initiate the scan.

Faxing Documents

Place your document on the scanner glass or in the ADF. On the printer's touch screen, select the "Fax" function. Enter the recipient's fax number using the on-screen keypad or address book. Adjust any necessary fax settings and send the fax.



Figure 3: Side view of the Lexmark CX820dtfe Multifunction Printer. This image provides a clear view of the printer's side profile, emphasizing its robust build and the design of the paper trays and output area.

Maintenance

Replacing Toner Cartridges

The Lexmark CX820dtfe uses four toner cartridges: Cyan, Magenta, Yellow, and Black. When a toner cartridge is low or empty, a message will appear on the control panel. To replace a cartridge, open the front cover of the printer, locate the empty cartridge, and carefully pull it out. Unpack the new cartridge, shake it gently to distribute the toner, and insert it firmly into the corresponding slot until it clicks into place. Close the front cover.

Cleaning the Printer

Regular cleaning helps maintain print quality and extends the life of your printer. Use a soft, lint-free cloth dampened with water to wipe the exterior of the printer. For the scanner glass, use a glass cleaner applied to the cloth (not directly to the glass) to remove smudges and dust. Avoid using abrasive cleaners or solvents.

Firmware Updates

Periodically check the Lexmark support website for firmware updates. Keeping your printer's firmware up-to-date ensures optimal performance, security, and compatibility with new features or operating systems.

Troubleshooting

Common Issues and Solutions

- **Printer Not Responding:**
  - Check power connections and ensure the printer is turned on.
  - Verify network or USB cable connections.
  - Restart the printer and your computer.
  - Ensure printer drivers are correctly installed and updated.
- **Paper Jams:**
  - Follow the on-screen instructions on the printer's display to locate and clear the jammed paper.
  - Open all accessible covers and trays to remove any torn pieces of paper.
  - Ensure paper is loaded correctly and not overfilled in the trays.
- **Poor Print Quality:**
  - Check toner levels and replace any low or empty cartridges.
  - Perform a print quality test from the printer's control panel.
  - Clean the print heads or fuser unit as instructed in the printer's internal maintenance menu.
  - Ensure you are using appropriate paper for your print job.
- **Scanner Not Working:**
  - Verify the scanner glass and ADF are clean.
  - Check network connectivity if scanning to a network destination.
  - Ensure scanner drivers and software are correctly installed on your computer.

For more detailed troubleshooting, refer to the Lexmark support website or contact customer service.

Specifications

Feature	Detail

Feature	Detail
Model Name	CX820
Item Model Number	CX820dtfe
Functions	Copier, Fax, Printer, Scanner (All-In-One)
Printing Technology	Laser
Print Speed (Mono/Color)	Up to 52 ppm
Print Resolution (Max)	2400 x 600 dpi
Duplex Printing	Automatic
Scanner Type	Sheetfed
Optical Scan Resolution	1200 dpi
Max Copy Speed (B&W)	52 ppm
Max Input Sheet Capacity	1750 (expandable to 4500)
Number of Trays	3 (includes 2 x 550-sheet trays)
Memory Storage Capacity	2048 MB
Connectivity Technology	USB, Networkable (Ethernet)
USB Ports	3 (USB 2.0)
Control Method	Touch (7-inch eTask color touch screen)
Product Dimensions	23.2 x 25.5 x 44.8 inches
Item Weight	297 pounds
Included Components	Hard Drive, 2 x 550-sheet trays
Manufacturer	Lexmark International, Inc
Country of Origin	China
Date First Available	June 25, 2016

Warranty and Support

For information regarding the standard warranty for your Lexmark CX820dtfe printer, please refer to the documentation included with your purchase or visit the official Lexmark support website. Warranty terms and conditions may vary by region.

Lexmark offers customer support for technical assistance, driver downloads, and service inquiries. You can typically find contact information and support resources on the Lexmark website. Extended protection plans may also be available for purchase, offering additional coverage beyond the standard warranty period.

Manufacturer: Lexmark International, Inc.

Online Support: Visit Lexmark Support

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