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Brother HL-L5000D

Brother HL-L5000D Monochrome Laser Printer

User Manual

Product Overview

The Brother HL-L5000D is a high-speed monochrome laser printer designed for efficient document production. It features automatic two-sided printing, flexible paper handling, and multiple connectivity options to integrate into various office environments.

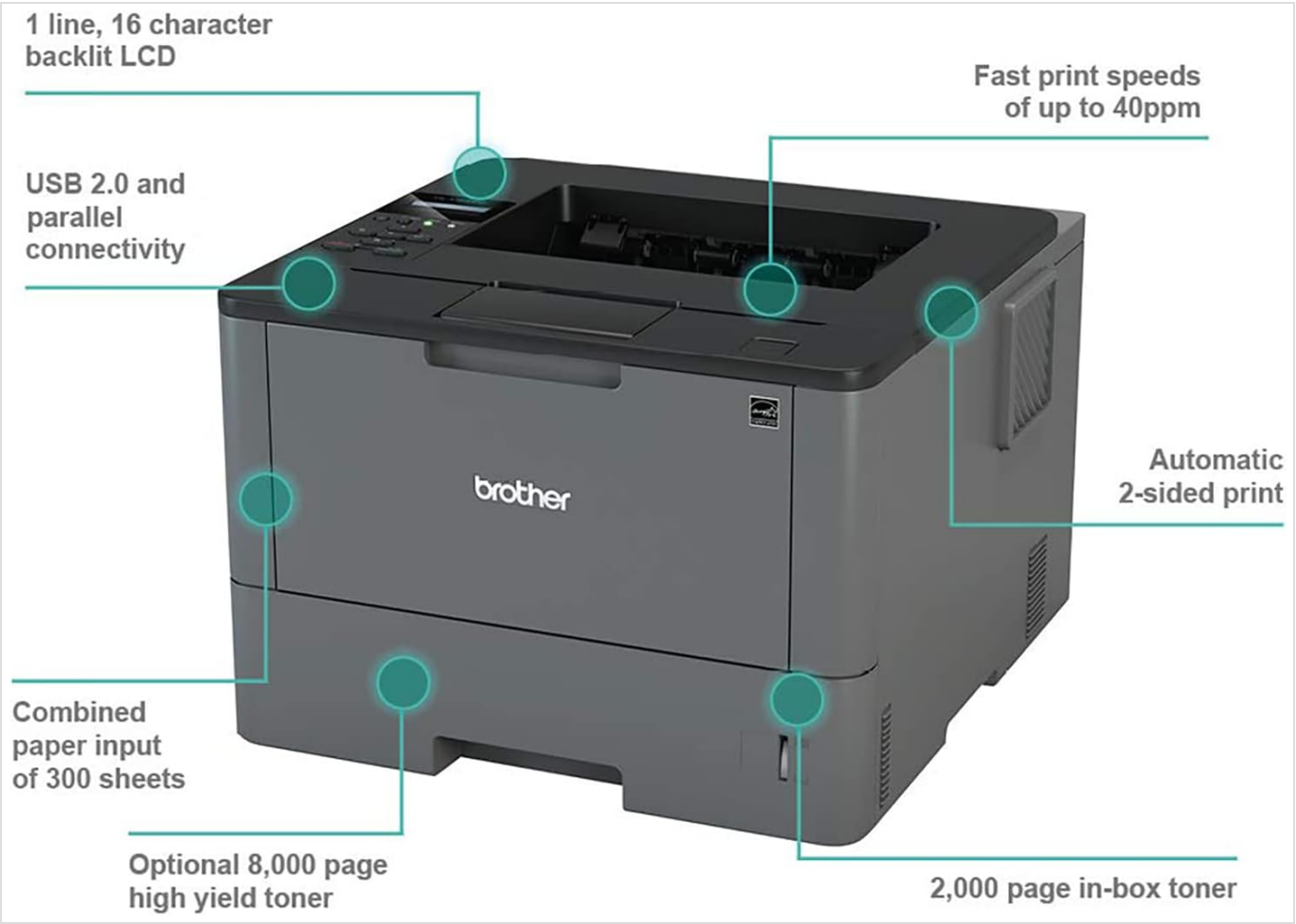


Image: Overview of the Brother HL-L5000D printer, showing its compact design, control panel, paper trays, and connectivity ports. Key features such as fast print speeds, automatic 2-sided printing, USB and parallel connectivity, combined paper input, and toner options are indicated.

Setup

1. Unpacking and Component Identification

Carefully remove the printer and all components from the packaging. Verify that all items listed below are present.



Image: Contents of the Brother HL-L5000D box, including the printer, Quick Setup Guide, Product Safety Guide, Warranty Card, User Guide, Power Cord, Software Disc, Black Toner Cartridge (2,000 Pages), and Drum Unit (30,000 Pages).

- Brother HL-L5000D Monochrome Laser Printer
- 1 Standard Yield Toner Cartridge (approx. 3,000 Pages)
- 1 DR820 Drum Unit (approx. 30,000 Pages)
- Installation CD-ROM
- AC Power Cord
- Quick Setup Guide
- Parallel Cable

2. Toner and Drum Unit Installation

Before using the printer, install the toner cartridge into the drum unit, then install the combined unit into the printer. Refer to the Quick Setup Guide for detailed visual instructions.

1. Open the front cover of the printer.

2. Remove the drum unit and toner cartridge assembly from its protective bag.
3. Insert the toner cartridge firmly into the drum unit until it locks into place.
4. Slide the combined drum unit and toner cartridge assembly into the printer until it stops.
5. Close the front cover.

3. Loading Paper

The printer features a 250-sheet capacity paper tray and a 50-sheet capacity multi-purpose tray.

- **Standard Paper Tray:** Pull out the paper tray completely. Adjust the paper guides to fit the paper size (Letter or Legal). Load up to 250 sheets of plain paper.
- **Multi-Purpose Tray:** Open the multi-purpose tray cover. Adjust the paper guides. Load up to 10 envelopes or other alternative media types.

4. Connecting the Printer

Connect the printer to your computer using either a USB or Parallel cable.

- **USB Connection:** Connect one end of the USB cable to the printer's USB port and the other end to your computer.
- **Parallel Connection:** Connect one end of the parallel cable to the printer's parallel port and the other end to your computer. A parallel cable is included in the box.

Install the printer drivers from the included CD-ROM or download the latest drivers from the official Brother support website.

5. Power On

Connect the AC power cord to the printer and then to a power outlet. Press the power button to turn on the printer.

Operating Instructions

1. Basic Printing

The HL-L5000D is a monochrome (black and white) printer capable of printing up to 42 pages per minute (ppm) with a resolution of 1200 x 1200 dpi.

- **Single-Sided Printing:** Select the desired document and choose "Print" from your application. Ensure "1-sided printing" is selected in the printer settings.
- **Automatic Two-Sided (Duplex) Printing:** This feature allows printing on both sides of the paper automatically. Select the desired document and choose "Print". In the printer settings, select "2-sided printing" or "Duplex printing". This can reduce paper usage by up to 50%.

2. Using the Control Panel

The printer features a 1-line, 16-character backlit LCD display and control buttons for direct operation.



Image: A detailed view of the HL-L5000D control panel, showing the LCD screen, power button, navigation arrows, OK button, Back button, Secure button, Cancel button, and Go button. The display shows "HL-L5000D" and status indicators.

- **LCD Display:** Shows printer status, error messages, and menu options.
- **Navigation Buttons:** Use the up/down arrows to scroll through menu options.
- **OK Button:** Confirms selections.
- **Back Button:** Returns to the previous menu.
- **Cancel Button:** Stops the current print job or cancels a menu operation.
- **Go Button:** Prints a test page or resumes printing after an error.
- **Secure Button:** Accesses secure print functions.

For detailed menu navigation, refer to the comprehensive User Guide on the included CD-ROM or Brother's support website.

3. Supported Media Types and Sizes

The printer supports various media types and sizes:

- **Media Types:** Plain paper, envelopes, labels.
- **Supported Sizes:** Letter, Legal (8.5 x 14 inches), A4, A5, A6, B5, B6, Executive, Folio. The standard tray is adjustable for Letter or Legal size paper.

Maintenance

1. Toner Cartridge Replacement

When the toner is low or empty, the printer's LCD will display a message. Replace the toner cartridge as follows:

1. Open the front cover of the printer.
2. Remove the drum unit and toner cartridge assembly.
3. Press the green lock lever on the drum unit and remove the old toner cartridge.
4. Unpack the new toner cartridge and shake it gently side-to-side several times.
5. Insert the new toner cartridge firmly into the drum unit until it clicks into place.
6. Clean the corona wire inside the drum unit by gently sliding the green tab from left to right several times. Return the tab to its home position.
7. Reinstall the drum unit and toner cartridge assembly into the printer.
8. Close the front cover.

2. Drum Unit Replacement

The drum unit (DR820) has an approximate yield of 30,000 pages. Replace it when the printer indicates it is necessary.

1. Follow steps 1-3 for toner cartridge replacement to remove the old drum unit and toner.
2. Remove the old toner cartridge from the old drum unit.
3. Unpack the new drum unit.
4. Insert the old toner cartridge into the new drum unit until it clicks.
5. Reinstall the new drum unit and old toner cartridge assembly into the printer.
6. Close the front cover.
7. Reset the drum counter through the printer's control panel menu (refer to the User Guide for specific steps).

3. Cleaning the Printer

Regular cleaning helps maintain print quality and extends the printer's lifespan.

- **Exterior:** Wipe the exterior of the printer with a soft, lint-free cloth.
- **Interior:** Occasionally clean the inside of the printer, especially around the drum unit and toner cartridge area, to remove any toner dust. Use a dry, lint-free cloth. Do not use liquids or sprays.
- **Corona Wire:** Clean the corona wire on the drum unit each time you replace the toner cartridge.

Troubleshooting

This section addresses common issues you might encounter. For more detailed troubleshooting, consult the full User Guide or Brother's support website.

1. Printer Not Printing

- Ensure the printer is powered on and connected correctly (USB or Parallel).
- Check for error messages on the LCD display.
- Verify that the paper tray contains paper and is properly inserted.

- Confirm that the toner cartridge and drum unit are correctly installed.
- Restart the printer and your computer.
- Ensure the correct printer driver is installed and selected on your computer.

2. Paper Jams

- Follow the instructions on the LCD display or in the User Guide to locate and clear the jammed paper.
- Open all covers and trays to access the paper path.
- Gently pull the jammed paper in the direction of the paper path.
- Ensure paper is loaded correctly and not overfilled in the trays.

3. Poor Print Quality

- Check the toner cartridge level and replace if low.
- Clean the corona wire on the drum unit.
- Ensure you are using recommended paper types.
- If lines or streaks appear, the drum unit may need cleaning or replacement.
- Perform a print quality test from the printer's menu to diagnose issues.

4. Connectivity Issues

- Verify that the USB or Parallel cable is securely connected to both the printer and the computer.
- Try using a different cable or USB port.
- Reinstall the printer drivers.

Specifications

Model Number	HL-L5000D
Printing Technology	Laser (Monochrome)
Print Speed (Monochrome)	Up to 42 ppm
Print Resolution	Up to 1200 x 1200 dpi
Duplex Printing	Automatic (2-sided)
Standard Paper Capacity	250 sheets (adjustable for Letter/Legal)
Multi-Purpose Tray Capacity	50 sheets
Memory	256 MB
Connectivity	USB, Parallel
Supported Media Sizes	Letter, Legal (8.5 x 14 inches), A4, A5, A6, B5, B6, Executive, Folio
Product Dimensions (D x W x H)	1"D x 1"W x 1"H (Note: Refer to product image for detailed metric dimensions)
Item Weight	23 pounds
Power Consumption	29.95 Watts



Image: The Brother HL-L5000D printer with its physical dimensions indicated: 373mm width, 388mm depth, and 255mm height.

Warranty and Support

Warranty Information

This product comes with a limited warranty. Please refer to the Warranty Card included in the box for specific terms, conditions, and duration of the warranty coverage.

Customer Support

For technical assistance, driver downloads, or further information, please visit the official Brother support website or contact Brother customer service. Contact details can be found in the Product Safety Guide or on the Brother website.

You can also visit the Brother Store on Amazon for product information and accessories.

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