

# HP LaserJet 8000, 8000 N, 8000 DN and HP LaserJet Mopier 240 Printers Service Manual

Product: 1998 HP LaserJet 8000, 8000 N, 8000 DN and HP LaserJet Mopier 240 Printers Service  
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# Service Manual

**HP LaserJet 8000 (C4085A)**

**HP LaserJet 8000 N (C4086A)**

**HP LaserJet 8000 DN (C4087A)**

**HP LaserJet Mopier 240 (C4228A)**

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# Conventions

This manual uses the following conventions:

The names of major printer parts and assemblies are Capitalized.

**Color** is used to emphasize items which are important to the material under discussion.

**Bold** is used for emphasis, particularly in situations where *italic* type would be confusing.

*Italic type* is used to indicate related documents or emphasis.

## Note

Notes contain important information set off from the text.

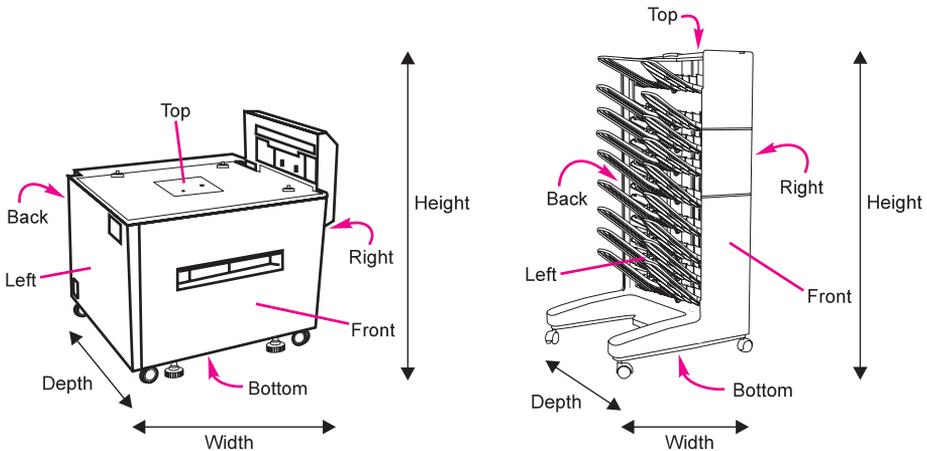
## CAUTION

Caution messages alert you to the possibility of damage to equipment or loss of data.

## WARNING!

Warning messages alert you to the possibility of personal injury.

The illustration below shows the orientation of the paper-handling accessories as they are referred to in this publication.



# Chapter Descriptions

## **1 Product Information**

Contains printer features and product overview, tray capacities and sizes, media specifications, service approach, how to get technical assistance, and required safety and compliance statements.

## **2 Site Requirements**

Contains space and environmental requirements.

## **3 Operating Overview**

Contains details about control panel menus, restoring factory defaults, and resetting and testing the printer.

## **4 Maintenance and Adjustments**

Contains cleaning and preventive maintenance information, and adjustment procedures for paper trays.

## **5 Functional Overview**

Contains block diagrams and basic theory of operation for the printer systems, paper paths, and paper handling accessories. Contains basic cabling information.

## **6 Removal and Replacement**

Contains step-by-step procedures for replacing field replaceable units (FRUs) in the printer and paper-handling accessories.

## **7 Troubleshooting**

Contains a preliminary troubleshooting table, a table with descriptions and recommended actions for all control panel messages, image defect samples, and troubleshooting checks and tools.

## **8 Parts and Diagrams**

Contains exploded view drawings and part number listings for all replaceable parts in the printer and paper-handling accessories.

Contains two replaceable parts tables: one sorted alphabetically by part name, and one sorted numerically by part number. Both tables are cross referenced to the diagrams in the chapter.

## **Subject Index**

Contains an alphabetical, cross referenced listing of information found in the main body of the manual.



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# 1

# Product Information

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### Table 1-1. Common features between the HP LaserJet 8000, HP LaserJet 8000 N, HP LaserJet 8000 DN, and HP Mopier 240

Feature	Description
Print Speed	24 ppm letter or A4 13 ppm ledger (11 x 17) or A3 15 ppm legal or B4
Duplex Speed	9.5 ppm letter or A4 6.5 ppm ledger or A3 7.5 ppm legal or B4
Text & Graphics Resolution	FastRes 1200 provides 1200 dpi quality at full speed plus Resolution Enhancement technology (REt)
Standard Printer Languages:	Enhanced PCL 6 PCL 5e for compatibility Postscript™ Level 2 emulation
Duty Cycle (Monthly Usage)	Up to 130,000 images
Internal Typefaces	45 PCL, 35 PostScript
Cartridge Slots	None
Power Control	power save mode
Control Panel	6 Keys, LCD Display (2-line, 16 characters per line)
EconoMode (toner saving)	Yes

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