

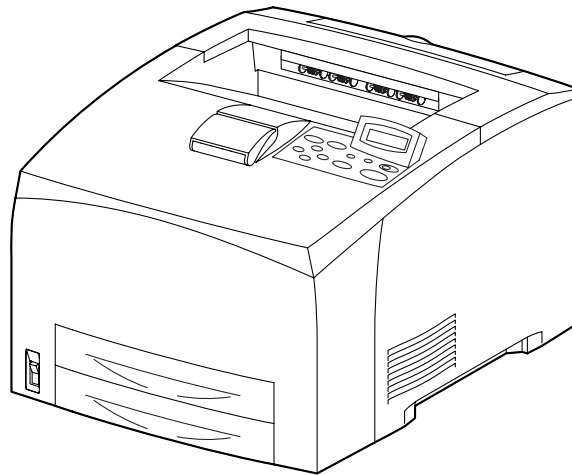


# Brother Laser Printer **SERVICE MANUAL**

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**MODEL: HL-8050N**



Read this manual thoroughly before maintenance work.

Keep this manual in a convenient place for quick and easy reference at all times.

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## PREFACE

This service manual contains basic information required for after-sales service of the laser printer (hereinafter referred to as "this machine" or "the printer"). This information is vital to the service technician to maintain the high printing quality and performance of the printer.

This service manual covers the **HL-8050N** printers.

This manual consists of the following chapters:

- CHAPTER 1: GENERAL**  
Features, specifications, etc.
  
- CHAPTER 2: INSTALLATION AND BASIC OPERATION**  
Installation conditions, Installation procedures, basic operation of the printer etc.
  
- CHAPTER 3: THEORY OF OPERATION**  
Basic operation of the mechanical system, the electrical system and the electrical circuits and their timing information.
  
- CHAPTER 4: DISASSEMBLY AND RE-ASSEMBLY**  
Procedures for disassembling and re-assembling the mechanical system.
  
- CHAPTER 5: MAINTENANCE**  
Periodical replacements parts, consumable parts, etc.
  
- CHAPTER 6: TROUBLESHOOTING**  
Reference values and adjustments, troubleshooting image defects, troubleshooting malfunctions, etc.
  
- CHAPTER 7: SERVICE MODE**  
Professional Menu mode and Service Menu mode, etc.
  
- APPENDIX:** Serial No. descriptions, page counter, Diameter / circumference of rollers, Connection diagrams, PCB circuit diagrams, etc.

Information in this manual is subject to change due to improvement or redesign of the product. All relevant information in such cases will be supplied in service information bulletins (Technical Information).

A thorough understanding of this printer, based on information in this service manual and service information bulletins, is required for maintaining its print quality performance and for improving the practical ability to find the cause of problems.

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