brother. At your side.

HL-7050
HL-7050N

Large Workgroup A4 Laser Printers
High Speed, network compatible or
network-ready printers for large workgroups

THE WORLDS FIRST
ECOLOGY ENERGY
EMISSIONS ERGONOMICS
TCO '99
TCO '99 COMPLIANT PRINTER

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brother At your side. ®

HL-7050   HL-7050N

The Brother HL-7050 and HL-7050N
28ppm Workgroup Laser Printers

In the modern office environment, the demand from printers is for increased productivity, at increasing speeds, with no loss of quality or reliability - requirements that the Brother HL-7050 and the HL-7050N (the network-ready option) comfortably meet.

They both offer high quality print delivered at speed, but also a range of outstanding paper handling options and flexible memory configurations. Where there used to be congestion, there can now be efficiently produced, professionally presented documents waiting to be collected.

Real time prints

Resolve any departmental workflow issues with the new HL-7050 and HL-7050N. Both print at up to 28 pages per minute – with the first page being delivered in less than 11 seconds.

Superb print quality

Both printers boast a true print quality of 1200 x 1200 dpi, guaranteeing crisp text and sharp graphics, supported by PCL6®, BR-Script 3 (PostScript 3 Language Emulation), IBM Pro Printer XL®, Epson FX® and HP-GL® emulations with 32MB of standard memory (upgradeable to up to 288MB). Every document is delivered with a professional finish.

Ease of use

While technically sophisticated, the HL-7050 and HL-7050N are simple to operate, thanks to a clear and easy to understand control panel with an innovative three-colour LCD panel.

Compatibility

The HL-7050 and HL-7050N are compliant with PC, Macintosh™, SAP and Unix/Linux platforms, together with Fast Ethernet*, USB, Parallel and Serial port connectivity.

Secure Printing

This standard feature ensures that sensitive documents can only be printed once a user-unique PIN has been entered into the printer via the control panel or web browser – eliminating the worry of your newly printed document being picked up by the wrong person.

Last Job Reprint

This standard feature allows the most recent print job to be re-printed, without having to re-send it from your computer.
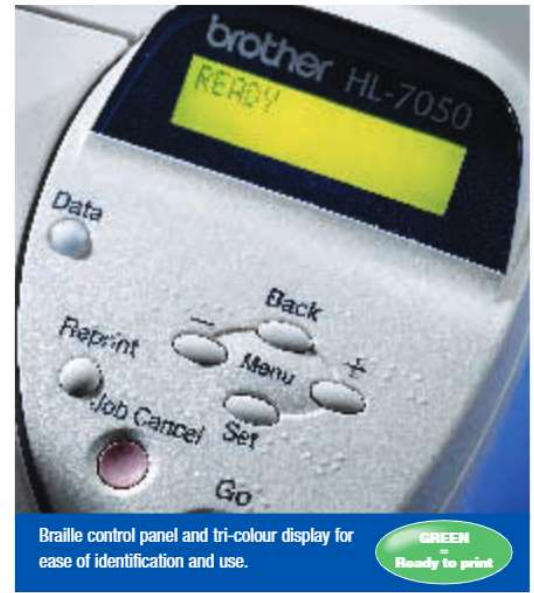
HL-7050 | HL-7050N Workgroup laser printer

The World's first
TCO99
Compliant Printer

Braille control panel and tri-colour display for ease of identification and use.

GREEN = Ready to print

The TCO standard provides a clear indication that the HL-7050/N improves environmental performance and employee health and safety, and demonstrates greater corporate responsibility.

Around fifty per cent of all flat screen monitors sold worldwide are TCO-certified – a similar demand for TCO-compliant printers is now expected. Achieving the standard means that Brother has reduced electromagnetic emissions from the printer to a level fifty times lower than the UK's leading workgroup printer. It has also met a variety of other requirements, including energy saving measures, easily recyclable plastics, limits on noise levels and better visual ergonomics.

The HL-7050 has undergone two years of rigorous design, development and testing in order to meet the stringent criteria of TCO99.

The HL-7050B/NB versions are the only printers on the market to include a Braille control panel. In addition, there is a series of encoded alert tones relating to different functions, enlarged type on the control panel for partially sighted users and different coloured alert messages on the LCD panel to help deaf users.

AMBER = Information

RED = Error

The HL-7050/N uses Brother's innovative consumable technology to deliver low long-term running costs, as well as clear environmental benefits. Separate toner and drum units mean that users need only buy a new toner cartridge, without needing to remove the waste drum every time the toner runs out. The 'save toner' option reduces print cost per page by 30 per cent when printing draft documents and significantly increases the life of the toner cartridge.

Ecologically Aware

Individual long life consumables ensure costs are driven down. By only replacing the particular consumable, toner or drum, that needs to be changed a low cost per copy is delivered. The chart highlights the periodical change of an all-in-one supply against Brother's individual drum unit. Every step on the chart made by a leading competitor does potentially create measurable drum wastage. Brother supplies are designed to leave no surplus supply. Furthermore, both printers are supplied with the standard life 40,000 page drum and 12,000* page toner.

Advantage of Brother separate supplies over 100,000 pages

Leading Competitor (All in one consumables changed every 10,000 pages)

Potential Drum Wastage

Brother

HL-7050/HL-7050N (Drum components changed every 40,000 pages)

Number of drum components needed

Number of pages (000's) at manufacturers recommended yield at 5%

Advanced Network Capabilities

Advanced Networking

An optional network print server (NC-4100h is included with the HL-7050N) enables connectivity to Ethernet and Fast Ethernet networks.

Key features include:

- Easy-to-use embedded web server

- Built-in password protection - preventing unauthorised users from changing printer settings

- Sophisticated e-mail monitoring and e-mail report capabilities

- Supplied with Brother's BRAdmin Professional and new Web BRAdmin web based LAN/WAN management software

BRAdmin Professional and Web BRAdmin Software

Brother's powerful BRAdmin Professional and new Web BRAdmin software can be used to manage Brother printers as well as view the status of other SNMP compliant devices.

Key features include:

- Configure multiple or individual Brother network devices

- Manage other SNMP devices

- Record and analyse printer usage information

- Firmware upgrade capability

Web based Management

BRAdmin Professional

Embedded web server support

In addition to these management applications, a built-in web server ensures that Windows®, Macintosh™ and even Unix or Linux users with web browser capabilities can manage the HL-7050N printer.

Key features include:

- Common user interface with all Brother for ease of navigation

- Configure printer and network settings

- Password protection stops unauthorised users from changing printer settings

- Find function to find other Brother and SNMP compliant devices

Status monitoring

e-mail notification

Network Ready Workgroup Laser Printer

TCO compliant workgroup printer capable of 20,000 prints per week and with one of the lowest running costs on the market.

● To order HL-7050N use code HL7050NZU1

Non-network version also available

● To order HL-7050 use code HL7050ZU1

Network Ready Workgroup Laser Printer with extra input capacity

As above plus an extra 500 sheet paper tray for dual paper stock printing. Ideal for the very busy office, eg Financial and Law Firms, for simultaneous printing of letterhead and plain paper with minimum interventions

● To order HL-7050NLT use code HL7050NU2

HL-7050 | HL-7050N

The printer that grows with your business

Network Ready Workgroup Laser Printer with extra input, duplex and flexible output capacity

As above plus duplex unit and 5 bin mailbox for the very busy workgroup with high volume duplex output at full engine speed. The mailbox option is the ideal solution for workgroups of up to six, each requiring a separate output tray. Also, equally useful as a collating output device for large report producing environments

● To order HL-7050NDLT use code HL7050NU3

+ 1 x MX-7000 using code MX7000

The versatile HL-7050/N offers a wide choice of flexible input and output options to cater for high volume, multiple original printing. By adding extra mailboxes, lower trays and duplex unit you can save both time and money by increasing speed, reducing paper usage and eliminating the need to outsource print. There are many configurations available and you can build your printer to suit your own particular business needs.

Network Ready Workgroup Laser Printer - the complete high volume workgroup printer with extensive input and output capacity

As above plus 2 x 500 sheet paper trays, 1 x 5 bin mailbox and stabiliser. The ultimate printer for all environments requiring 4 x 500 sheet input trays for different paper stocks, enabling continuous printing for the larger workgroup (up to 11) or as an 11 tray collation output.

● To order HL-7050NDLT use code HL7050NU3

+ 2 x LT-7000 using code LT7000

+ 1 x MX-7000 using code MX7000

+ 1 x MX-7005 using code MX7005

+ 1 x SB-4000 using code SB4000

For Braille versions order HL-7050B using code HL7050U2 (Non-Network) or HL-7050NB using code HL7050NU4 (Network)

HL-7050/7050N

Technical specification

Engine

Technology		Electrophotographic
Print Speed A4	A4 / Letter	Monochrome 28 pages per minute
First Print Time		Less than 11 seconds (This is the time taken from when the printer receives a PRREQ signal in the READY state to when one sheet (from the standard tray) is printed and delivered onto the output tray.)
Resolution	True quality	1200 x 1200 dpi
	Normal	600 x 600 dpi
	Draft	300 x 300 dpi
	HRC	For 300 / 600dpi (high resolution control)

Controller

Processor		Toshiba TMPR4955 (266MHz)
Memory	Standard	32 MB
Optional		2 DIMM (100pin) slots, (16, 32, 64, 128MB). Indicating a possible expansion up to 288 MB memory
Interface	Standard	This printer has as standard IEEE 1284 Parallel and USB interface plus RS-232C serial interface
	Optional	10/100BaseTX Ethernet (Auto Negotiation) (Standard on HL-7050N) External Ir-DA Interface (IR-1000)
Network Connectivity	Protocol	TCP/IP, IPX/SPX, AppleTalk, DLC/LLC, NetBEUI, DEC LAT, Banyan VINES
	Management	Web BRAdmin for LAN/WAN Management BRAdmin Professional for LAN Management Embedded web based management for device management
Storage	Optional	Hard disk drive CompactFlash memory
Emulation		PCL6, BR-Script3 (PostScript 3 Language Emulation), IBM Proprinter XL, Epson FX-850, HP-GL
Resident Fonts	PCL	66 scaleable fonts, 12 bitmap fonts, 11 bar codes
	BR-Script3	66 Fonts
	Optional	11 Agfa Barcode Fonts (BT-1000) 136 Agfa PS3 fonts (BS-3000)

Software

Printer Driver		PCL driver for Windows®95/98/Me, NT®4.0/2000 and XP BR-Script3 (PPD file for Windows®95/98/Me,NT®4.0/2000/ XP and Macintosh)
Utilities	Analysis tool software	Print job analysis software
	Driver deployment wizard	Step-by-step installation of a Brother Network printer on a networked Windows® PC
	Interactive help	Via CD on-line support, using on-screen guidelines and moving pictures
	Storage manager	Allows electronic forms, fonts, logos to be retained via the printer memory. For Windows® only

Control Panel

Display	LCD	2 lines of 16 characters
	Back-lit	3 colour indicators
	LED	1 LED
Buttons		There are 7 buttons, Go, Job Cancel, Reprint, Menu, Back, and 2 Scroll Buttons

Paper Handling

Paper Input*	Standard	500 sheets
	Multi-purpose tray	100 sheets, plus envelopes and labels
	Optional	500 sheets (up to a maximum of three additional paper cassettes), bringing total paper capacity up to 2100 sheets (LT-7000)
Paper Output*	Standard	500 sheets face down or 100 sheets face up can be stored in the output paper tray
Duplex	Optional	Automatic two-sided prints (DX-7000)
Mail box	Optional	Up to a maximum of 10bin mail slot can be assigned, therefore increasing possible paper output capacity up to 1900 sheets (MX-7000/MX-7005)

Media Specifications

Media Types	This printer accepts the following media types:		
	Standard	Standard Tray:	Plain paper, Bond paper, Recycled Paper
	Optional	Lower Trays:	Plain paper, Bond paper, Recycled Paper
	Standard	Multi-purpose Tray:	Plain paper, Bond paper, Recycled Paper, Transparencies, Envelopes and Labels
Media Weights	This printer accepts the following media weights:		
	Standard	Standard Tray:	60 – 105g/m²
	Optional	Lower Trays:	60 – 105g/m²
	Standard	Multi-purpose Tray:	60 – 199g/m²
Media Sizes	This printer accepts the following media sizes:		
	Standard	Standard Tray:	Cut sheet: A4, Letter, B5(JIS/ISO), A5, B6(ISO), A6, Executive, Legal
	Optional	Lower Trays:	Cut sheet: A4, Letter, B5(JIS/ISO), A5, A6, Executive, Legal
	Standard		Multi-purpose Tray: Custom: 105 x 216mm – 148 x 356mm

Printer Driver Functions

Page Layout**	N in 1 printing	This model has the ability to reduce 2, 4, 9, 16 or 25 A4 pages to print onto 1 A4 page
	Poster printing	This model has the ability to enlarge 1 A4 page to print onto 4, 9, 16 or 25 A4 pages
	Watermark printing	This feature can be used to watermark your documents with predefined text or bitmap image or with your own user-defined message / image
	Booklet printing	Can create a layout suitable for booklet printing #1
	Quick print set-up	This feature allows users to quickly select print options in the driver.
	Status monitoring	Can indicate the status of the printer onto a PC
	Secure printing	Enables you to send documents directly to the printer, those documents will only be printed as and when you enter your personal PIN number into the printer

Supplies

Toner Black	12,000 A4 or letter pages @ 5% coverage (TN-5500)
Drum	40,000 A4 or letter pages (DR-5500)
	The frequency of replacement of consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example, transparencies, glossy coated paper will result in a shortened life of such supplies

Accessories

Lower tray	LT-7000	500 sheets - increase the printer paper capacity up to 1500 additional sheets
Duplex unit	DX-7000	Enable double-sided prints by adding a duplex unit
Mail box	MX-7000 / MX-7005	5 bin mail stackers - increase the amount the printer can output by up to 1400 sheets
Stabiliser unit	SB-4000	Move and re-position the printer easily by installing the stabiliser unit
Network Card	NC-4100h	A connection for the printer onto the network (Standard on HL-7050N)
PostScript fonts	BS-3000	A CD containing original PostScript level three fonts
IrDA	IR-1000	A wireless printer connection for laptops
Agfa Barcode Fonts	BT-1000	11 genuine AGFA barcode fonts

Dimensions & Weights

Dimensions	(485mm width) x (480mm depth) x (421mm high)
Weight	24.2kg for HL-7050
	24.3kg for HL-7050N

Others

Power Consumption	Printing	Less than 690WH #2
	Standby	Less than 110WH
	Sleep	Less than 16WH #3
Noise Level	Printing	Less than 52dB
	Standby	Less than 40dB
Ecology	Power Saving	This enables the printer to consume less energy when not in use.
	Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership

* Calculated with 80gsm paper
** PCL Driver only

#1 Installation of the Duplex option is required
#2 Calculated using plain paper at 25°C
#3 Power consumption once fan has stopped

Contact

brother
At your side.

Brother UK Ltd.,
Audenshaw, Manchester M34 5JD
Tel: 0870 830 4000 (National Rate Call)
Fax: 0870 830 4031
www.brother.co.uk

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