At your side.

brother ®

HL-1850/ HL-1870N

HL-1870N shown with optional lower tray

HL-1850 / HL-1870N

High speed laser printers with automatic duplex as standard

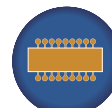|								
up to 18ppm		**NETWORK**	**Windows & DOS**	**Mac**			**HELP**	**up to 600 pages**
Up to 18ppm	Built-in automatic duplex	Network Ready (Standard HL-1870N, optional HL-1850)	Windows & DOS Compatible	Mac OS Compatible	USB Standard	Upgradeable Memory	24 hour 7 day Online Help	Up to 600 page paper capacity

The professional printing solution for stand-alone users and small workgroups

HL-1850/ HL-1870N

The Brother HL-1800 series printers are designed to meet your professional printing requirements and combine total quality with performance and reliability. As well as outstanding quality, various economical features of the HL-1800 series printers mean real cost benefits are provided along with a professional finish to all your documents.

HL-1850

HL-1870N

HL-1870N shown with optional lower tray

HL-1850

- Up to 18ppm print speed
- Built-in automatic duplex
- 16MB of standard memory, expandable up to 144MB
- Up to 600 sheet paper capacity (with optional tray)*
- Easy to use control panel
- 3 Colour backlit LCD
- Easy to replace long life supplies
- Advanced Network capabilities with the optional 10/100Base TX fast Ethernet connection

HL-1870N

- Up to 18ppm print speed
- Built-in automatic duplex
- Connectivity – 10/100 BaseTX, USB and Parallel interfaces built-in
- Up to 600 sheet paper capacity (with optional tray)*
- Easy to use control panel
- 3 Colour backlit LCD
- Easy to replace long life supplies
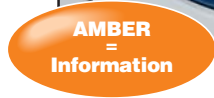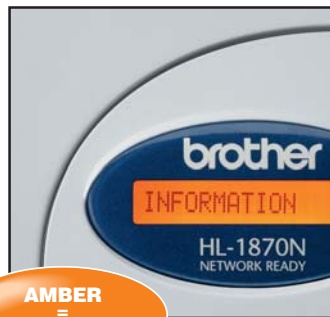- 32MB of standard memory, expandable up to 144MB

* At 75 gsm plain paper

Features

Flexibility

As well as having built-in automatic duplex, there are three possible input sources, including standard, multi-purpose trays and an optional lower tray, giving a maximum 600 sheet capacity that allows the support of 3 different media types and sizes at any one time.

Connectivity

To maximise the flexibility of the 1800 series printers they support most PC and Mac computing environments, and are equipped with parallel and USB ports as standard.

RED = Error

AMBER = Information

GREEN = Ready to print

Ease of use

Designed to be user friendly, the control panel is clear and simple to use. It has a 3 colour backlit LCD which changes colour so that the status of the printer can be easily recognised.

On-line support

On-line Interactive Help feature assists you on your screen any time you need product support.

Advanced
Network Capabilities

The HL-1870N printer is highly versatile and can connect to a wide range of network environments. With the inclusion of the powerful BRAdmin Professional software you have sophisticated network and printer management for both Brother and other SNMP printers.

The BRAdmin Professional software system can play a vital role in helping to manage your network printers.

With a built-in web server, users can also manage the printer via a web browser within Windows, Mac and Unix environments.

HL-1850/
HL-1870N

In addition to the other features that the HL-1800 series printers provide, useful software is included to help improve productivity and ease of operation of the products even more.

Secure Print Function

Allows users to send confidential documents from their Windows applications in secure mode. Confidential documents can only be printed by entering a PIN number on the printer front panel, or by logging on to the printer using a web browser and selecting the secure print option.
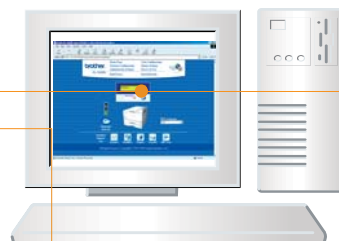
E-mail Notification

Can prevent long delays at the printer due to an empty paper tray or paper jam, etc. Will automatically send an E-mail message to an individual or a group of users informing them of the printer's status.
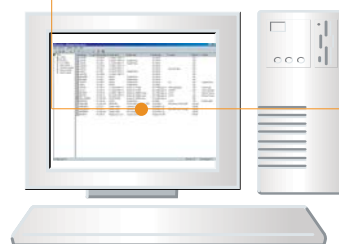
Printer Deployment Wizard

Step-by-step guide to the installation of your Brother network printer in a Windows environment.

Quick Print Set-up

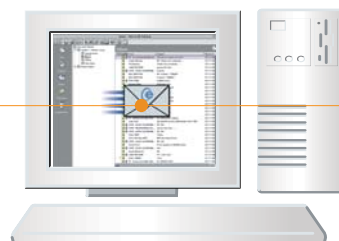Enables changes to the printer driver settings from the task bar without having to open the properties dialogue box.

Web based Management

BRAdmin Professional

Status monitoring

e-mail notification

HL-1850/
HL-1870N

ENGINE

Technology		Electrophotographic
Print Speed A4	Standard	18 pages per minute
	Duplex	4.25 sheets per minute
First Print Time		Less than 12 seconds
Resolution	High Quality	HQ1200 dpi
	Normal	600 x 600 dpi
	Draft	300 x 300 dpi

CONTROLLER

Processor		Fujitsu MB86834 (100MHz)
Memory	Standard	16 MB HL-1850, 32MB HL-1870N
	Optional	1 DIMM (100pin) slot, (16, 32, 64, 128MB). 1 DIMM (100pin) slot, capable of holding Indicating a possible expansion up to 144 MB memory
Interface	Standard	This printer has as standard IEEE 1284 Parallel and USB interface
Network Connectivity	Interface	10/100 BaseTX Ethernet (Auto Negotiation)
	Protocol	TCP/IP, AppleTalk, IPX/SPX, NetBEUI, DLC/LLCDECLAT, Banyan VINES
	Management	BRAdmin Professional Web Based Management
Emulation		PCL6, BR-Script3, IBM Proprinter XL, Epson FX-850
Resident Fonts	PCL	66 scalable fonts, 12 bitmap fonts, 11 bar codes
	BR-Script 3	66 fonts
	Optional	136 Agfa PS3 fonts(BS-300)

SOFTWARE

Printer Driver		PCL Driver for Windows® 95/98/Me, NT®4.0/2000 Professional and XP BR-Script (PPD file for Windows® 95/98/Me, NT®4.0/2000 Professional/XP and MacOS 8.6 – 9.2 and OSX 10.1)
Utility		Storage manager (For Windows® only) Interactive help (via CD on-line support, using on-screen guidelines and moving pictures) Driver deployment wizard 1.5 (step-by-step installation of a Brother Network printer on a networked Windows® PC)

CONTROL PANEL

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

PAPER HANDLING

Paper Input*	Standard	Up to 250 Sheets*
	Multi-purpose tray	Up to 100 sheets*, plus envelopes and labels
	Optional	Total paper capacity of up to 500 sheets* can be stored, if the optional lower tray is chosen (up to 250 sheets*)
Paper Output*	Standard	150 sheets* face down or 50 sheets* face up can be stored in the output paper tray
Duplex Unit		Automatic••

MEDIA SPECIFICATIONS

Media Types	This printer accepts the following media types:	
	Standard	Standard Tray: Plain paper, Bond paper, Recycled Paper & Transparencies#
	Optional	Lower Tray: Plain paper, Bond paper, Recycled Paper & Transparencies#
	Standard	Multi-purpose Tray: Plain paper, Bond paper, Recycled Paper, Transparencies, Envelopes and Labels
Media Weights	This printer accepts the following media types:	
	Standard	Standard Tray: 60 – 105gsm
	Optional	Lower Tray: 60 – 105gsm
	Standard	Multi-purpose Tray: 60 – 161gsm
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 Tray: Cut sheet: A4, Letter, B5(JIS/ISO), A5, B6(ISO), A6, Executive, Legal
	Standard	Multi-purpose Tray: Custom: 69.8x116mm – 216x356mm

PRINTER DRIVER FUNCTIONS

Page Layout	N in 1	This model has the ability to reduce 2, 4, 9, 16 or 25 A4 pages to print onto 1 A4 page.
	Poster	This model has the ability to enlarge 1 A4 page to print onto 4, 9, 16 or 25 A4 pages.
	Watermark	This feature can be used to watermark your documents with predefined text or bitmap image or with your own user-defined message / image.
Others	Booklet Printing	This feature can be used to create a layout suitable for booklet printing
	Quick Print Setup	This feature allows users to quickly select print options in the driver.
	Secure Printing	This feature 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	TN-7600:	6,500 A4 or letter pages @ 5% coverage
Drum	DR-7000:	20,000 continuous A4 or letter pages
Lower Tray	LT-500:	Up to 250 sheets*
Netwrok Card	NC-4100h:	10/100Base TX Network interface card for HL-1850
PS3 font upgrade	BS-3000:	135 Agfa PS3 fonts. Total number of PS3 is 165 (136 Agfa fonts+29 Brother original fonts)

DIMENSIONS/WEIGHTS

Dimensions	(425mm width) x (424mm depth) x (275mm high)
Weight	14.5Kg (including the drum unit and toner cartridge) HL-1850 14.7Kg (including the drum unit and toner cartridge) HL-1870N

OTHERS

Power Consumption	Printing	Less than 410WH
	Standby	Less than 70WH
	Sleep	Less than 10WH
Noise Level	Printing	Less than 50 dB
	Standby	Less than 30 dB
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.

† 16MB on board with an additional 16MB via the DIMM slot
* Calculated with 80gsm paper
** Only A4, letter and legal paper (60-150gsm) with paper output delivery face down
# Up to ten transparency sheets