

# MFC-8220

## Multi-Function Centre®



## MFC-8220

### 6-in-1 Laser Multi-Function Centre® with Super G3 fax and Telephone Handset

*Fully Featured Laser Document Solution*

- Laser Printer
- Laser Super G3 Fax
- Laser Digital Copier
- Black/White Scanner
- Telephone Handset
- PC Fax



# Six essential functions, each individually impressive.



#### Optional lower tray (LT-5000)

Up to 250 sheets\* standard paper capacity  
Increase paper capacity to up to 500 sheets\* with LT-5000



#### Sheet-fed faxing

For easy faxing of multi-page documents



#### 3-colour Backlit LCD

A colour coded display makes it easy to identify the status of the MFC-8220

## Main Features

### 1/ Laser Printer

Outstanding performance is certain, thanks to print speeds of up to 20 pages per minute. A printing resolution of up to 2400 x 600 dots per inch also assures you that there is no compromise on quality. Brother provides a generous 32MB of standard memory, which is upgradeable to 160MB should office printing demands increase. Both PCL®6 and BR-Script 3 (PostScript® 3 language emulation) are installed, and the choice of parallel, Hi-Speed USB 2.0 and optional network means connectivity isn't an issue.

### 2/ Laser Super G3 Fax

For convenience, you can fax a range of documents using the up to 30 sheet\* Automatic Document Feeder. A combined 'out of paper' and 'fax transmission' memory facility allows up to 500 pages to be stored<sup>†</sup>. With 32 one-touch numbers, 300 speed dial numbers and a further 382 broadcast locations, dialling is both quick and easy. Memory security ensures that private and confidential documents remain that way.

### 3/ Laser Digital Copier

The performance as a desktop copier is consistently impressive. The Automatic Document Feeder is capable of handling up to 30 A4 sheets\*, removing the need to stand over the machine changing page after page of your original. Up to 99 copies can be generated at one time, and stack and sort functions eliminate the need for rearranging or hand-collating. In addition to this, the ability to reduce or enlarge documents between 25% and 400% affords you the copying versatility you have come to expect from Brother.

Additional versatility comes in the form of 2-in-1 and 4-in-1 scale functions and poster printing.

### 4/ Black and White Scanner

With a resolution of up to 300 x 600 dots per inch, you can be reassured that scan quality is not compromised. Multiple scans can be generated through the Automatic Document Feeder and the 'Scan' key offers flexibility by enabling you to scan directly to OCR, E-mail, Image or File.

### 5/ Telephone Handset

The MFC-8220 is equipped with a handset that you can use as a regular phone. However, you can also connect a separate telephone (or telephone answering device) directly to your MFC.

### 6/ PC Fax

This feature allows the user to send faxes from any desktop application in either Windows® or Mac® network environment▼, as easily as sending a print job. In addition, the user can broadcast the same document to multiple addresses including Fax numbers, email addresses▼ and Internet Fax/MFC addresses▼ using Brother PC Fax address book.

## Other Features

### Simultaneous Operation

Brother has added simultaneous operation, therefore enabling you to print whilst sending a fax or begin scanning while a document is being printed.

### Backlit LCD and Function Keys

The three colour display ensures it is easy to identify the status of the MFC-8220. Additionally the backlit function key is easy to see which feature is selected.

### Paper Handling

There is a paper capacity of up to 250 sheets\* and a single sheet feeder as standard which can be expanded to up to 500 sheets\* with the optional cassette tray (LT-5000).

### Secure Printing

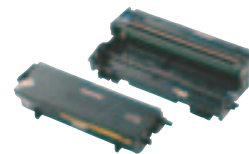
To enable the management to have control over the security of documents that can be printed, these models come with a secure printing function. This allows users to send confidential documents in secure mode, where printing can only be enabled by entering a PIN number on the printer front panel, or by logging on to the printer using a web browser and selecting the secure print option.

### Compatibility

In the modern office, with an increasing number of users working from different systems software, workgroups require a cross-platform printer. That's why, the MFC-8220 has optimised drivers for Windows® 95 / 98(SE) / Me / NT® 4.0WS / 2000 / XP, Mac OS® 8.6 to 9.2/OS® X 10.1/10.2.1-10.3 or greater.

### Cost Efficient Supplies

Brother's machines are equipped with separate consumables, so as to lower the total cost of ownership. Both machines have separate toner and drum, so that the user need only to replace the consumable that runs out.



<sup>†</sup>ITU-T Test Chart No.1

\*At 75 gsm

▼With optional network card (NC-9100h)

### Optional Network Connectivity

The optional NC-9100h Print/Fax/Scan Server enhances your machine into a workgroup MFC. Specifically designed to ensure effortless implementation into the majority of networks and supporting industry standard speed (10/100BaseTX) and protocols (TCP/IP, IPX/SPX, AppleTalk).

### Network Printing

Across the most popular protocols and platforms including Microsoft Windows®, Macintosh®, Novell, Unix and Linux operating systems

### Network Scanning<sup>‡</sup>

- Scansoft® PaperPort® with 5 user license
- Brother control centre for effortless Network Scanning
- Scan key functionality
- Further optional 5 user license agreements to extend workgroup capability up to a maximum 25 users

<sup>‡</sup>Network Scanning not available for MAC

### Network Fax

Brother Network PC Fax Software utilizes LPR as the transport for sending documents from your PC to the networked machine for transmission.

### Internet Fax

You can save time and money by using the Internet Fax feature. You can send a fax message to anywhere in the world without making an international telephone call. Internet fax feature provides you not only simple sending and receiving fax messages but forwarding or broadcasting fax messages

### For the IT Administrator Network Management

Brother provides a number of tools to help you proactively manage your network-connected MFC

An Embedded Web Server provides a platform that can be accessed from any web browser to manage your device. E-mail notification can alert administrators or users when supplies are running low or an error occurs.

In addition Brother provides its BRAdmin Professional Software for administering LAN connected MFC

For a full list of specifications for the NC-9100h Print Server please go to <http://solutions.brother.com>

### Software

Brother supplies industry standard software to enhance the key functions of your machine:

- Scansoft® Paperport®▲ Turns piles of paper and photos into organised digital files that you can quickly find use and share.
- OCR software▲ Easily turns printed pages into editable electronic documents.
- Brother PC-Fax software▲ Send and receive faxes directly from your PC.
- Remote set up facility▲ Configure the settings of your machine from your PC.
- Newsoft Presto!® Page Manager® for Macintosh® including OCR▲ Document management software for Macintosh users

▲Please see driver table for details on your operating system.



**Backlit function keys**  
Enable instant access to each function



## Technical Specification



### General

Engine	Laser
Input / Output width	Up to 220mm
ADF (Automatic Document Feeder)	Up to 30 <sup>^</sup> sheets
Backlit LCD display size	2 lines x 16 characters
On-Screen Programming	Step by step prompts are displayed within the LCD in order to facilitate programming machine options and settings.
CPU Speed	133MHz
Standard Memory Capacity	32MB standard / 160MB maximum
Back-up for clock	Keeps time and date backed up for up to 4 days
Memory Security	Prevents unauthorised access to the MFC
Simultaneous Operation	(Print/Fax) (Print/Copy) (Print/Scan)
Input Paper Capacity	Standard paper cassette Up to 250 sheets <sup>^</sup> 1 Sheet <sup>^</sup> Manual feed Optional paper cassette Up to 250 sheets <sup>^</sup> (LT-5000)
Output Paper Capacity	Up to 150 sheets <sup>^</sup>
Paper Handling Size	A4/LTR/LGL/BS/A5/B6/A6/EXE
Media Weight	60gsm to 161gsm
Economical Mode	Toner save mode, Power save mode

### Laser Printer

Speed	Up to 20ppm (A4)
Warm Up Time	18 seconds from ready
Resolution	Max. 2400 x 600dpi
Compatibility	Windows <sup>®</sup> / Mac <sup>®</sup>
Emulation	PCL6 & BR-Script 3 (PostScript 3 language emulation)
Secure Print	Prevents unauthorised printing of protected documents
N in 1	Compress 2 or 4 pages on to a single sheet of A4
Poster Printing	Enlarge image to poster size

### Laser Super G3 Fax

Dual Access	Scan a fax for transmission whilst receiving a fax
Modem Speed	33.6kbps Super G3 / Approx 2 seconds transmission (Brother Test Chart No 1, JBIG)
Data Compression	MH / MR / MMR / JBIG
Automatic Redial	Automatic redial if the recipient fax is busy
One-Touch Dials	32 locations for one-touch automatic dialling of pre-stored numbers
Speed Dials	300 locations for two-touch automatic dialling of pre-stored numbers
Group Dials	Up to 6 groups
Chain Dialling	Allows the user to store parts for long dialling sequences in different one-touch or speed dial locations
Station ID	This is the stored information that appears at the top of faxed pages
Caller ID Compatibility	Yes
Automatic Fax / Tel switch	Automatic recognition of fax and telephone reception
Telstra Faxstream Duet <sup>®</sup> Compatibility	Yes
Super Fine	Enables quality transmission of very small print or line drawings
Grey Scale	64 shades of grey
Delayed Timer	Yes - up to 50 timers
Memory Transmission	Up to 500 pages (ITU-T Test Chart No 1)
Out of Paper Reception	Up to 500 pages (ITU-T Test Chart No 1)
Broadcasting Locations	Send the same fax message to up to 382 pre-programmed / 50 Manual
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Automatic Reduction	Automatically reduces a received fax to fit on to a single sheet of A4
Error Correction Mode	Where machines share ECM, it resends the page(s) of a document where an error has occurred
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote Access	Remotely access the machine by using another touch-tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch-tone phone

### Laser Digital Copier

Speed	Up to 20cpm (A4)
Resolution	Max. 300 x 600dpi
Multi Copy	Produces up to 99 copies of each original
Stack & Sort	Stacks or sorts output copies as desired
Enlargement / Reduction Ratio	25% - 400% in 1% increments

### Black/White Digital Scanner

Resolution (Optical)	Max. 300 x 600dpi
Resolution (Interpolated)	Max. 9600 x 9600dpi**
Colour Depth	1 bit Black / White
Grey Scale	256 shades of grey
Scan Key	Scan to E-mail/OCR/Image/File (Windows Only)

### Telephone

Telephone Handset Built in	A handset that you can use as a regular phone.
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### PC Fax

PC Fax Sending	Faxes can be transmitted directly from a PC (Windows /Mac)
PC Fax Receiving	Faxes can be received directly to a PC (Windows)

### Lists/Reports

Journal report	Lists information about the last 200 incoming and outgoing faxes.
Transmission Verification Report	Reports transmission details after each fax is sent.
Cover-Page	Generates a cover page at the recipients machine.
Help List	A list of basic operational steps and functions can be printed
Quick Dial List	Yes
System Setup List	Yes

### Interface

Connectivity	IEEE1284 Parallel and Hi-Speed USB2.0 connections
External TAD Interface	Interface for connecting external telephone answering device
Network 10/100Base-TX Ethernet	Optional (NC-9100h <sup>▲</sup> )
Network Wireless 11Mbps, USB Host	Optional (NC-2200W <sup>▼</sup> )

### Dimensions / Weight / Power

Dimensions	431(w) x 451(d) x 335(h) mm
Weight	Without Consumables 11.6kg
Power Consumption	Operating - 440W or less (Copying) Sleep / Standby / Peak - 14W / 75W / 1090W or less CPU Sleep - 6W or less

### Consumables

Toner	Standard (TN-3030) - Up to 3,500 pages with 5% coverage, A4 paper High Yield (TN-3060) - Up to 6,700 pages with 5% coverage, A4 paper
Drum	DR-3000 - Up to 20,000 pages, A4 paper



Brother strongly recommends that our customers use Genuine Brother consumable products only. By using genuine Brother consumables the benefits to you are:  
Better quality prints, Greater yields per consumable, Protect your machine from damages, Achieve optimum performance.  
Your machine warranty may not cover any damage arising from the use of non genuine Brother consumables.

### Options

Lower Paper Tray	LT-5000 - additional up to 250 sheets <sup>^</sup> capacity
Network Print/Scan <sup>▲</sup> /Fax Server	NC-9100h (10/100BaseTX) - with 5 user licence <sup>△</sup>
	NC-2200W (11Mbps, USB Host) <sup>△</sup>
	NL-5 - optional 5 user licence for network scanning software†
Memory	Upgradeable to 160MB using industry standard DIMM

MFC-8220	Scanner Resolution	Twain/Wia Driver	Network Scanning	Scan to Image	Scan to E-mail	Scan to OCR	Scan to File	Scan to E-mail Server	PC-FAX Send	PC-FAX Receive	Printer Driver	Brother Control Centre	Remote Setup	NewSoft Presto!® Page Manager®	ScanSoft® PaperPort®
Microsoft Windows® 95	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
98(SE)/Me/2000 Professional	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
NT® 4.0 Workstation	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
XP	1200x1200**	WIA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Macintosh® OS 8.6	9600x9600	TWAIN						✓	✓	✓	✓			✓	
OS 9.x	9600x9600	TWAIN						✓	✓	✓	✓			✓	
OS 10.1								✓	✓	✓	✓			✓	
OS 10.2.1 - 10.3 or greater	9600x9600	TWAIN						✓	✓	✓	✓		✓	✓	

\*at 75gsm A4 paper <sup>△</sup>Network Scanning not available for MAC <sup>†</sup>This feature is also available for Network connected users when the NC-9100h Print/Fax Server is installed. <sup>\*\*</sup>Brother Scanner Utility enables enhancement up to 9600 x 9600dpi <sup>††</sup>Up to a maximum of 25 users for network scanning software. <sup>▲</sup>TCP/IP - RARP, BOOTP, DHCP, NetBIOS, WINS, LPR/LPD, Port9100, SMTP/POP3, SMB (NetBIOS/IPC), IPP, FTP, TELNET, HTTP, SNMP, TFTP, IPX/SPX, AppleTalk (EtherTalk), DLC/LLC, <sup>▼</sup>TCP/IP - ARP, RARP, BOOTP, DHCP, APIPA, NetBIOS, WINS, DNS, LPR/LPD, Raw Port/Port9100, SMB Print, IPP, TELNET, HTTP, SNMP.

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 All specifications subject to change without notice