



MFC-3820CN 6-in-1 Colour Flatbed Multi-Function Centre[®]

Complete Network Ready Colour Document Centre with built-in PhotoCapture Centre[™] & Super G3 Fax

- Colour Network Printer
- Colour Plain Paper Fax
- Colour Flatbed Digital Copier
- Colour Flatbed Network Digital Scanner
- PhotoCapture Centre[™]
- Network PC Fax Send



Brother Colour Enhancement Technology



Up to 12ppm Colour & Up to 14ppm Mono Print Speed



Up to 4800 x 1200dpi High Quality Print Resolution



16MB Memory



Up to 20 page Automatic Document Feeder



4 Separate Ink Cartridges/Real Level Ink Sensor



100 Speed Dials



Network Ready



33.6Kbps Fax Modem



Photo Capture Centre[™]

MFC-3820CN

Colour Multi-Function Centre

Versatile Flatbed with Advanced Performance



Flatbed Design

In the modern office or workplace, the need to transmit diverse and non-standard media, such as glossy or bound documents, is increasingly important.

A flatbed design is an additional advantage when copying, scanning and faxing. With this in mind, Brother has included a flatbed in conjunction with an automatic document feeder in its latest colour Multi-Function Centres® to make life in the office so much easier.

Advanced and Simple to use Features

The MFC-3820CN features fax, print, copy and scan facilities in colour and black & white for ease of use. The control panel is colour coded to simplify operation and houses a range of features that will reduce the time and effort required for everyday tasks. Switching between fax, copy or scan modes is simple thanks to backlit function keys.



Furthermore, navigation keys give easy access to all machine settings. In a busy office quick dial functions are invaluable so up to 100 of your most often used numbers can be stored.

The MFC-3820CN also comes complete with additional in-built features including a PhotoCapture Centre™ and complete network functionality.

All this is backed by unrivalled Brother reliability that makes these Multi-Function Centres® a cost-effective essential for any office.



Colour Network Printer

Brother Colour Multi-Function Centres® successfully combine speed with quality. There is an impressive print speed of up to 14ppm mono and 12ppm colour. Whilst up to 4800 x 1200 dpi print resolution and a variable droplet size means that you can expect clarity and precision on every sheet.

Colour Enhancement Mode puts you in complete control. You can print to your preferred settings or test different options to achieve optimum results with different sizes and media. Colour photographs can be printed with ease and efficiency.

Colour Plain Paper Fax

Easy to use and versatile, the MFC-3820CN provides quality and consistency in both colour and black & white modes.

Features such as the up to 20 page automatic document feeder and quick dial keys are designed to reduce the time spent at the machine. The MFC-3820CN can also store up to 400 pages of incoming faxes in memory*. If for any reason the machine is out of paper, you have the added peace of mind that important information will not be lost.



Colour Flatbed Network Scanner

A resolution of up to 600 x 2400 dpi (9600dpi interpolated) provides the absolute quality the modern office requires when documents are scanned.

An automatic document feeder saves time when multiple pages need to be scanned whilst the flatbed not only scans single sheets but gives the added versatility needed for bound documents.

The MFC-3820CN offers 'scan to' functionality enabling you to scan a document to e-mail, file, OCR, image or to a specific file. The MFC-3820CN can also scan to any of the most popular media cards housed in the PhotoCapture Centre™.

Due to the MFC-3820CN's simultaneous operation feature, the scanner can be used whilst receiving a fax, printing from your PC or sending a PC-fax. This ensures the smooth running of the office and adds another dimension to multi-tasking.

Colour Flatbed Copier

The inclusion of both a flatbed and an automatic document feeder opens up even more copying possibilities. Copying with or without a PC offers a range of flexible functions including stack and sort facilities. Enlarging or reducing documents is simple and can be done in 1% increments from 25% right up to 400%. The ability to copy two or four pages onto one single A4 page not only adds versatility to document presentation but cuts down on paper costs. Results are outstanding whatever the media from simple A4 to glossy photo print paper.

820CN

unction Centre®

ce and Outstanding Value



PhotoCapture Centre™

Digital cameras are becoming an everyday tool and the MFC-3820CN houses everything you need to take advantage of this technology. Built-in media slots allow memory cards to be read without the need to invest in a plug in card-reader. This feature also ensures that your computer resources are not tied up when you download the images. All the most popular media cards – CompactFlash™, SmartMedia™, MemoryStick™ and Secure Digital™ Card – are compatible enabling you to save and retrieve files direct to your media card using the PhotoCapture Centre™. The MFC-3820CN can also produce an index print of all your images as thumbnails, allowing you to easily select those files that you want to print out at a higher resolution and larger size.



Separate Ink Cartridges and Supplies

All Brother colour Multi-Function Centres® come with separate colour ink cartridges. This means that you do not have to replace all four colours when a single colour runs out – you only replace the depleted colour. Another feature from Brother that saves you time and money. The MFC-3820CN uses a long life printhead to eliminate wastage. The print head is a consumable and will need to be replaced after a certain level of usage.



10/100 BaseTX Ethernet Network Capability

The MFC-3820CN is supplied with built-in Network capability that facilitates the sharing of your Multi-Function Centre® in the home or small office environment, providing shared printing, scanning and PC-Faxing. Initially supplied with a 5 user license for the MFL-Pro Suite software, this is easily upgraded to suit the size of your small workgroup*. Up to 25 users license with optional NL-5.

The MFC-3820CN supports the popular TCP/IP protocol used by Windows, Macintosh and Linux operating systems for connecting computers on a network and the Internet.

Sharing digital files and photos over the network is made simple by the link placed on your desktop through the installation of the PhotoCapture Centre™ software. The link provides quick and easy access to the web browser where you can view thumbnails of your images and select the desired picture. Images can be easily transferred to your PC for further editing or printing.

The Brother Control Centre for Windows offers effortless network scanning by integrating the 'Scan to' functionality from the MFC control panel providing:

- Scan to E-mail (send a scanned document to a email address)
- Scan to File (save a scanned document to a file on your hard drive)
- Scan to Image (send a scanned document to automatically start a program and open it)
- Scan to OCR (save a scanned document to automatically recognise text and numbers)
- Scan to Memory Card (send a scanned document to one of 4 memory cards)

PaperPort 8.0SE for Windows™ and PageManager for Macintosh™ provides document management and editing capabilities for all your digital files.

Software

Brother supplies a number of software applications to enhance the key functions of your machine:

Paperport® 8.0SE for Windows* Turns piles of paper and photos into organised digital files that you can quickly find use and share.

OCR software for Windows* Easily turns printed pages into editable electronic documents.

Brother PC-Fax Send software for Windows* Send and receive faxes directly from your Computer.

Remote set up facility for Windows* Configure the settings of your machine from your Computer.

Presto! Page Manager for Macintosh™ including OCR* Document management software for Macintosh users including OCR

Brother BRAdmin Professional for Windows. Controls the network environment easily. JetAdmin compatible.

*Features may differ depending on the operating system. Please see driver table for details.

Networking your Macintosh with Simple Network Configuration

The MFC-3820CN is mDNS ready, which makes it easy to connect and share your MFC among your Macintosh computers.

Additional licenses for using the software on a network

*5 user NL-5 license upgrades are available to expand the number of users who can share the MFC over the network**.

** "Scan to" feature is available for up to 25 users.

Technical Specification



General

Engine	Piezo Inkjet
Modem Speed	33.6 kbps
Transmission Speed	Approximately 6 seconds per page*
ITU-T Group Compatibility	Super G3
Data Compression	Mono:MH/MR/MMR, Colour:JPEG
Input / Output Width	148 to 216mm
ADF (Automatic Document Feeder)	Up to 20** sheets can be placed in the document feeder and fed one at a time automatically.
LCD Display Size	1 line of 16 characters
On-Screen Programming	Step-by-step prompts are displayed within the LCD display in order to facilitate programming machine options and settings.
Remote Set-up	Allows the user to set-up the MFC from their Computer. E.g. quick dials, station ID (Windows® and Mac OS™ only)
Total Memory Capacity	16 MB (RAM)
Simultaneous Operation	(Print/Fax), (Print/Scan) To perform various operations at the same time
Ink Screen Indication	Yes (In Ink key and Remote Setup)
Software Included	Paperport(Win) / PageManager(MAC), Scan to Feature (WIN), Pop Up Menu (WIN), Remote Setup(Win & MAC OS™), PC Fax Sending, BRAdmin Professional (Win)

Colour Printer

Print Speed (ppm)	Up to 14 pages per minute – Mono @ 600 x 150 dpi Up to 12 pages per minute – Colour @ 600 x 150 dpi Up to 4800 x 1200 dots per inch
Resolution (dpi)	Up to 100** sheets can be stored in the paper tray
Paper Capacity (Sheets)	Up to 50** sheets can be stored in the output paper tray
Output Paper Capacity	A4, LTR, LGL, EXE, JISB5, A5, A6, Photo 102x152mm, Indexcard 127x203mm, Photo L 89x127mm, Photo 2L 127x178mm, Post Card 1 100x148mm, Post Card 2 (Double) 148x200mm, C5 Envelope, Com-10, DL Envelope, Monarch, JE4 Envelope.
Paper Handling Size / Type	Enables you to print to within 3mm of all edges of a sheet of A4 paper
Near Edge Printing	Windows® 98/SE/Me/2000/XP, Mac OS™ 8.6 - 9.2, OS 10.1/10.2.1 - 10.2.4
Printer Driver	Yes
Colour Enhancement	

Colour Plain Paper Fax

Colour Fax	Send and receive into memory. (Not possible to memory send in colour).
Automatic Redial	Automatic redialling if the recipient fax is busy (three times/5 mins)
Speed Dials	100 speed dial locations easily accessible using the navigation keys.
Group Dial	A combination of speed dials and telephone index numbers can be stored in one speed dial location for broadcasting and accessed using the navigation keys.
Telephone Index	An electronic, alphabetical listing of Speed Dials and Group numbers.
Chain Dialling	Allows the user to store sections of the fax number for long dialling sequences in different Speed Dial locations.
Automatic Fax/Tel Switch	The machine automatically answers every call, incoming faxes are printed or stored to memory, voice calls will generate a pseudo ring
Distinctive Ring Detection*** (Telstra® Duet Compatible)	A service purchased from the Telephone Company that allows two or more telephone numbers to share a single fixed line. When a call is received on the fax number, the fax machine does not ring at all, and the fax is automatically received.
Caller ID***	Compatible
Speaker/Ring Volume	3 Steps and off
Super Fine	Enables quality transmission of very small print and line drawings (B/W only)
Grey Scale	Mono: 64 levels, Colour: 256 levels
Contrast	This allows the user to change the contrast between Auto / Light / Dark
Enhanced Remote Activate	Transfer a fax call, answered at an extension phone, to the fax machine****
Delayed Timer	Up to 50 timers (B/W only)
Polling Type	Standard and Sequential (B/W only)
Transmit Lock	This allows the user to prevent unauthorised access to the fax machine.
Quick-Scan (Memory Transmission)	Approx. 3 seconds/page (A4 standard)
Memory Transmission	Up to 400 pages* stored in fax memory for transmission later
Out of Paper Reception	Up to 400 pages* stored in fax memory to print out later
Broadcasting	Send the same fax message to up to 150 separate locations
Manual Broadcasting	Manually send the same fax to up to 50 separate locations
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call. (B/W only)
Next Fax Reservation	By loading a document in the Automatic Document Feeder and entering the dialling location the user can prepare a fax for transmission whilst the machine is already receiving a call (B/W only)
Automatic Reduction	When receiving a single page document between 297mm and 350mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet.
ECM (Error Correction Mode)	Where machines share the ECM feature, detects errors during fax transmission and resends the page(s) of the document that had an error
Dual Access	Allows the user to scan a fax into memory and give dialling instructions while the machine is either receiving or sending another document (B/W only)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (B/W only)
Remote Access	Remotely access the machine by using another touch tone phone****
Fax Retrieval	Retrieve fax messages using another touch tone machine (B/W only)

Colour Flatbed Digital Copier

Speed (cpm)	Up to 12 copies per minute Mono / Up to 10 copies per minute Colour for multiple copies @ 600 x 600 dpi mode
Resolution	Print: Maximum 1200 x 1200 dpi, Scan: Maximum 600 x600 dpi

Multi Copy (Stack)

Using stack, copies of sheets A, B, C will be delivered into the tray in order A A B B C C for up to 99 copies

Multi Copy (Sort)

Using sort, copies of sheets A, B, C will be delivered into the tray in order A B C A B C

Enlargement/Reduction Ratio

Reduce or Increase document sizes from 25% to 400% in 1% increments.

2-in-1 / 4-in-1

Allows the user to compress 2 or 4 pages on to a single A4 sheet (A4 only)

Poster

Allows the user to create posters by enlarging 1 A4 sheet on to 3 x 3 A4 sheets

Colour Flatbed Digital Scanner

Resolution (Optical)	Up to 600 x 2400 dpi
Resolution (Interpolated)	Up to 9600 x 9600 dpi****
Speed	Max. 3 secs per page Mono / 5 secs per page Colour at 100 x 100dpi
Grey Scale	256 shades of grey
Scanner Driver/Operating System	Windows® 98/SE/Me/2000/XP, Mac OS™ 8.6-9.2, OS 10.2.1 - 10.2.4
Interfaces	USB 1.1 / 2.0 @ Full speed, Ethernet 10/100 Base TX
Scan Key	Allows the user to scan to E-mail, OCR, Image, Card and File.
Colour Depth	30/36 bit internal colour processor / 24 bit output

PC Fax Send/Receive

PC Fax Send/Receive	Available with Brother Software supplied (B/W only) (PC Fax send MAC only)
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PhotoCapture Centre™

Acceptable Media	Smart Media™(3.3V) / Compact Flash™(Type-1/2, excl Micro Drive) / Memory Stick™ / Secure Digital™ / xD-Picture Card Compact Flash Adapter
Print from Media Types	You can print from any of the acceptable media listed without the use of a PC
Media format	The following media formats are supported-DPOF, EXIF, DCF
Scan-to-card	The following image formats are supported-Mono:TIFF-PDF, Colour:JPEG-PDF
Colour Enhancement	Yes (True 2 Life)
Media Drive	USB Direct or Network via Web Browser.
	Windows®98/98SE/Me/2000/XP, Mac™ 9.0-10.2.4 or greater

List Report

Journal Report	Lists information about the last 200 incoming and outgoing faxes.
Transmission Verification Report	Reports transmission details after each fax is sent.
Help List	Prints a list of basic operational steps and functions.
Caller ID List	Lists the Caller ID for received calls
System Setup List	Lists the system settings

Interface

External TAD Interface	Interface for connecting external telephone answering device
Host Interface	USB1.1 / 2.0 @FULL SPEED, 10/100 BaseTX Ethernet

Weights and Measures

Dimensions	448mm(W) x 585mm(D) x 446mm(H)
Weight	10.5kg
Power Stand-by	9.5W or less
Powersave / Operating	4W or less / 26W or less

Consumables & Accessories

Four Separate Ink Cartridges	Black LC-800BK, Up to 500 pages @ 5% coverage, Draft mode
	Cyan LC-800C, Up to 400 pages @ 5% coverage, Draft mode
	Magenta LC-800M, Up to 400 pages @ 5% coverage, Draft mode
	Yellow LC-800Y, Up to 400 pages @ 5% coverage, Draft mode
Network License	NL-5 For additional 5 network user license



Separate ink cartridges mean that if you run out of ink of one colour, only that colour needs to be replaced therefore saving money and reducing waste

Failure to use only genuine Brother® supplies may damage the machine and such damages will not be covered under warranty. MFC-3820CN uses a long life printhead to eliminate wastage. The print head is a consumable and will need to be replaced after a certain level of usage.

MFC-3820CN	Scanner	TWAIN	Scan to	Scan to	Scan to	Scan to	Brother	Brother	Removable	Printer	Brother	Remote	NewSoft Presto	ScanSoft™
	Resolution	WIA Driver	Image	E-mail	OCR	File	PC-FAX Send	PC-FAX Receive	Disk	Driver	Control Centre	Setup	Page Manager	PaperPort® 8.0SE
Microsoft Windows® 98/SE/Me/2000 XP	600x2400	TWAIN	/	/	/	/	/	/	/	/	/	/	/	/
	9600x9600****	WIA	/	/	/	/	/	/	/	/	/	/	/	/
Macintosh® OS 8.6 to OS 9.2 OS 10.1 OS 10.2.1 - 10.2.4	600x2400	TWAIN	/	/	/	/	/	/	/	/	/	/	/	/
	600x2400	TWAIN	/	/	/	/	/	/	/	/	/	/	/	/

*ITU-T#1 chart MMR coding standard resolution / **AT 75gsm paper / ***Check with your telecommunications provider for availability / ****Must have touch tone dialling capability / *****WIA for Windows XP: Up to 1200x1200dpi (2400dpi possible using Scanning software utility supplied)

Contact:

At your side.
brother®

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All specifications subject to change without notice