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Colour Print
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Colour Fax
- 
Colour Copy
- 
Colour Scan
- 
PhotoCapture Centre™
- 
Scan & Translate

The Brother MFC-820CW

The complete solution for your home or office, giving you high quality wired or wireless network versatility when you need to print, fax, copy or scan.



UP TO
20
PPM MONO

UP TO
15
PPM COLOUR

UP TO
6,000
DPI PRINT
RESOLUTION

UP TO
100
SHEET PAPER
CAPACITY

UP TO
10
SHEET ADF

UP TO
80
SPEED DIAL
LOCATIONS

The MFC-820CW from Brother

If you want the ultimate multi-tasking solution, in the minimum amount of space, the MFC-820CW is the answer.



Colour printing with speed – and style



Colour Print



Colour Fax



Colour Copy



Colour Scan

The ideal choice for the home or office, this all-in-one gives you complete control with absolute ease of use. Simplicity is key with the MFC-820CW – access and switch between each function at the touch of a button and operate features via your desktop, or the full colour LCD screen.



Whether you're printing simple text documents or glossy borderless photos, the MFC-820CW offers you fast colour and mono print speeds, meaning you won't be kept waiting. Printing on a variety of media sizes is no problem either. For your convenience, the 100 A4 sheet paper tray also accommodates A5, A6 and postcard sizes, amongst others.

- Up to 20ppm mono and 15ppm colour print speeds
- Borderless printing
- Colour LCD display
- Up to 100 sheet paper capacity

Flexible Colour Faxing



Colour Print



Colour Fax



Colour Copy



Colour Scan

Faxing with the MFC-820CW is reassuringly quick and simple. The 80 speed dial locations enable you to access your most frequently used contacts at the touch of a button. The 10-sheet automatic document feeder faxes multi-page documents with ease, whilst the flatbed fax scanner, with its hinged lid, makes faxing bound documents simple too.



For added peace of mind, this all-in-one will store faxes for transmission and incoming faxes in the memory should the paper tray run empty. The fax preview facility enables you to view and confirm a fax being received before printing, allowing you to filter any unnecessary fax messages saving you paper.

- 14,400 bps fax modem
- 80 speed dial locations
- Up to 10 sheet automatic document feeder
- Flatbed design
- 400 pages memory transmission / out of paper reception*

*ITU-T #1 chart with MMR coding, standard resolution

Accurate colour copying



Colour Print



Colour Fax



Colour Copy



Colour Scan

The MFC-820CW gives you high quality copies without the need for a PC, providing you with all the functionality and convenience of a stand-alone copier at your desk.



The MFC-820CW comes with both an automatic document feeder and a flatbed which can copy anything from single sheets to thick bound documents with absolute ease and accuracy. Whether in colour or black and white, copies will look just like your originals.

- Up to 99 multi-copies
- Stack and sort functions
- 2 in 1 and 4 in 1 copying
- Poster Printing

Simple, straightforward scanning



Colour Print



Colour Fax



Colour Copy



Colour Scan

The MFC-820CW offers a full range of colour scanning features which are available across your network of users. Brother provides you with the latest user-friendly software, making scanning quick and simple with this all-in-one.



For example, you can save your scanned files directly into a chosen folder using the Auto-archiving feature, and image manipulation is easy as you can open your scans automatically in your PC or Macintosh's imaging software program. Brother's scanning software means you can scan a foreign language document and translate it using using SYSTRAN® WebTranslator 5.0 language translation software.†

- Up to 19,200 dpi Scanning Resolution (Interpolated)
- Scan to email, OCR, image, file and card
- Supplied with all the software you need to get the most out of this machine

† For Windows® users only

PhotoCapture Centre™ with full colour LCD preview screen

Printing a digital photo is quick and simple thanks to Brother's PhotoCapture Centre™. You'll find the whole process effortless – you don't even need to turn on your PC. Using the full colour LCD screen, you can view, select and print pictures directly from your media card, and there's no complicated software.

The PhotoCapture Centre™ can be used as an additional storage drive on your PC or Macintosh^{††}, enabling you to transfer and save your digital photos and other documents on your media card safely and effectively.

- Compatible with the most popular media cards
- Convenient data transfer tool to and from your PC or Mac



^{††}USB only for Macintosh



Effortless connection with wired and wireless networking

The MFC-820CW has been designed with both wired and wireless networking built-in, giving you greater flexibility. You can connect computers in your home or office without the need for cables.

The Wireless Wizard software makes installation quick and straightforward. Network printing, faxing, copying and scanning has never been so simple.

- Integrated 10/100Base-TX network
- Built-in wireless LAN (802.11b/g)



Individual Colour Ink Cartridges

Like all Brother colour inkjet multifunction products, the MFC-820CW comes with four easily installed individual colour cartridges. This means you can replace colours separately as and when they run out, saving you time and money.



Brother MFC-820CW

With both wired and wireless networking built-in, the MFC-820CW makes network printing, faxing, copying and scanning really simple. Whether you're printing simple text documents or glossy borderless photos, the MFC-820CW offers fast colour and mono print speeds on a variety of media sizes. The 100 sheet A4 paper tray accommodates A5, A6 and postcard sizes, amongst others.

There are 80 speed dial locations to get you through to regular contacts fast, a 10-sheet automatic document feeder which faxes or copies multi-page documents, and a flatbed scanner that makes faxing and copying bound documents simple. It will also store faxes for transmission and save incoming faxes in its memory.

- Print at up to 20ppm mono, 15ppm colour
- Borderless printing
- Full colour LCD screen
- Up to 6,000dpi print resolution
- Scan & Translate¹. Translations powered by



- Colour and mono faxing with up to 80 speed dial locations
- Network ready
- Wireless LAN (802.11 b/g) as standard
- Up to 100 sheet paper capacity
- Up to 10 sheet automatic document feeder
- Photocapture Centre™ Compatible with the most popular media cards

Auto-archiving allows you to save your scanned files directly into a chosen folder, whilst image manipulation is quick and simple as you can open your scans automatically in your PC or Macintosh's imaging software program. You can even scan and translate foreign language documents using Brother's scanning software in conjunction with SYSTRAN® WebTranslator 5.0 language translation software.

Printing a digital photo is quick and simple thanks to Brother's Photocapture Centre™. You don't even need to turn on your PC. Using the full colour LCD screen, you can view, select and print pictures direct from your media card. Like all Brother colour inkjet multi-function products, the MFC-820CW comes with four individual colour cartridges, so you can replace colours separately as and when they run out, saving you money and reducing waste.



Technical Specifications MFC-820CW

General	
Engine	Inkjet
Colour LCD Display	2.5 inches
Preview Function via LCD display	Preview function allows you to view and select photos for easy printing as well as enabling you to view and confirm a fax being received and filter unnecessary fax messages.
Illuminated Function Keys	Fax, Copy, Scan and PhotoCapture Centre™ function keys are illuminated for ease of use
Memory Capacity	16MB standard
Paper Handling Size	A4, LTR, LGL, EXE, A5, A6, Postcard, Envelope + additional sizes
Media Type	Plain, Inkjet, Glossy, Transparency
Paper Capacity	Standard: Up to 100 sheets Output: Up to 25 sheets
Automatic Document Feeder	Up to 10 sheets
Simultaneous Operation	(Print/Fax) (Print/Scan) (Print/Copy) (Fax/Copy)
Colour Printer	
Speed	Up to 20ppm mono & 15ppm colour
Resolution	Up to 1,200 x 6,000dpi optimised
Borderless Printing	Borderless printing is available for A4/LTR/A6/Photo Card/Index Card/Post Card
Colour Enhancement	Brother image enhancement allows you to customise colour output
Variable Drop Size	3 sizes for variable dot print with minimum droplet size of 3pl for enhanced quality printing
Colour Fax	
Modem	14.4kbps - Approx 6 seconds transmission
Automatic Redial	Automatic redial if the recipient fax is busy
Speed Dials	80 locations for pre-stored numbers
Group Dials	Up to 6 groups
Distinctive Ring Detection	Yes
Super Fine	Enables quality transmission and reception of very small print or line drawings
Grey Scale	256 shades of grey
Transmit/receive memory	Up to 400 pages (ITU-T Test Chart No 1)
Broadcasting Locations	Sends the same fax message to up to 130 locations
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (Mono only)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone machine (Mono only)
Dual Access	Scan a fax for transmission whilst receiving a fax (Mono only)
Colour Copier	
Speed	Up to 17cpm mono & 11cpm colour
Resolution	Up to 600 x 1,200dpi (Colour) 1,200 x 1,200dpi (Mono)
Multi Copy	Produces up to 99 copies of each original
Enlargement / Reduction Ratio	25% - 400% in 1% increments
N in 1	Compress 2 or 4 pages on to a single A4 sheet (Mono & Colour)
Poster Printing	Enlarge an image to print onto 3 x 3 pages of A4 size (available for A4 only)

¹For Windows® users only

Colour Scanner	
Resolution	Max. 600 x 2,400dpi (Optical) Max. 19,200 x 19,200dpi (Interpolated)
Scan Speed	Scan speed is from 4 seconds Mono and from 6 seconds Colour (A4 size, 100 x 100dpi)
Grey Scale	256 shades of grey
Colour Depth	This model has a 36bit internal processing colour scanner
'Scan' Key	Allows the user to scan to E-mail, OCR, Image, File or Card Supporting : JPEG, BMP, PDF, TIFF, PNG
Interface(s)	
USB	USB connectivity as standard
Network Interface	This model is supplied with a built in 10/100Base TX network interface
Wireless LAN	802.11b/g Wireless LAN
Media Card Drive	See below for acceptable media cards
Supplies - Individual Ink Cartridges	
Supplied with standard yield cartridges. Pages in normal mode @ 5% coverage	Black: LC-900BK - Up to 500 A4 pages Cyan: LC-900C - Up to 400 A4 pages Magenta: LC-900M - Up to 400 A4 pages Yellow: LC-900Y - Up to 400 A4 pages
Weights & Dimensions	
Dimensions / Weight	With Carton: 500(w) x 225(d) x 450(h) mm / 8.6kg Without Carton: 373(w) x 347(d) x 165(h) mm / 6.0kg
PhotoCapture Centre™	
Acceptable Media	SmartMedia®, Compact Flash® 1, Memory Stick®, Memory Stick Pro®, Secure Digital™, xD-Picture Card™, xD-Picture Card™ Type M, MultimediaCard™
Removable Disk Drive Image Format	Save & Retrieve files using any of the above listed media cards Photo Print: JPEG
Colour enhancement	Scan to Card: JPEG, PDF (colour) / TIFF, PDF (B&W) Brother image enhancement allows you to customise colour output
Network as standard enabling Network Printing, Scanning and PhotoCapture Centre™	
Built in Network	10/100Base-TX Ethernet
Wireless LAN	802.11b/g Wireless LAN
Wireless Security	WEP 64/128bit & WPA Personal
	View and save card images through a LAN using Web browsing
Software	
Driver Software Included for Windows® and Mac®	Brother MFL-Pro Suite Brother ControlCentre2 ScanSoft® Paperport® 9.0SE OmniPage® OCR NewSoft® Presto!® PageManager®
SYSTRAN® WebTranslator 5.0	Scan and translate document text or web pages without having to leave Microsoft® Internet Explorer 6.0 (or greater) by integrating the Brother ControlCentre and Scan-to-OCR functionality with SYSTRAN® WebTranslator 5.0

Media Cards and Camera not included
Translation Technology by SYSTRAN® Language Translation Software. ©2005 SYSTRAN Group. All rights reserved.

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