

# MFC-8520DN

brother®  
at your side

## FULFIL YOUR **DEMAND** WITH THE ALL-IN-ONE WORKGROUP PERFORMER



**THE MFC-8520DN IS THE  
ALL-IN-ONE THAT DELIVERS  
PRODUCTIVITY AND VERSATILITY  
FOR YOUR WORKGROUP.**



### Features to optimise your workflow

- High speed output at up to 36ppm
- First page out in less than 8.5 seconds
- Up to 8,000<sup>1</sup> page high yield toner cartridge
- Automatic 2-sided print, fax, copy & scan
- Intuitive control panel with 5 Line LCD
- Standard paper capacity of 300 sheets
- 1,200 x 1,200dpi resolution

## THE VERSATILE ALL-IN-ONE WORKGROUP PERFORMER

Regardless of your business size Brother understands that your business runs on information. Delivering a range of enhanced workflow solutions the MFC-8520DN is a high speed All-In-One combining print, scan, copy and fax in one versatile device.

### PRODUCTIVE

A first page out time of less than 8.5 seconds and a maximum print speed of up to 36ppm ensures large volume print jobs are handled with ease and deadlines are met. An intuitive control panel with dedicated function keys enables users to get the results they need quickly and easily.

### FLEXIBLE

High volume printing requires professional paper handling. The standard 250 sheet tray and 50 sheet multi-purpose tray can be further enhanced by an optional 500 sheet tray for a maximum capacity of 800 sheets. High speed 2-sided scanning and copying are possible with the 35 sheet Automatic Document Feeder.

### COST EFFECTIVE

A range of cost saving features including Toner Save Mode and Deep Sleep Mode deliver significant cost reductions. The optional 8,000<sup>1</sup> page high yield toner cartridge together with the separate drum unit means you can be sure of exceedingly low running costs.



### PROFESSIONAL

Thanks to the 1,200 x 1,200dpi print resolution you'll get consistent, high quality output and crisp, sharp detail. With automatic 2-sided and booklet printing as standard you can produce essential business documents in A5 booklet format reducing paper consumption by up to 75%.

### INTEGRATED

A range of powerful scanning features including scan to network (Windows® only) and scan to FTP allows information to be shared both locally and remotely in an instant. Ethernet network connectivity and compatibility with print controls such as PCL6 and BR-Script3 (Postscript®3™ Language Emulation) allow for complete integration into your business systems and document processes.

### RELIABLE

Capable of handling up to 3,500 pages every month with ease, the MFC-8520DN delivers exceptional quality and performance, consistently meeting the needs of the most demanding business environments.

## BROTHER'S DEVICE MANAGEMENT SOLUTIONS

The MFC-8520DN is compatible with a range of utilities for device administration and management:

- **BRAdmin Professional** – A device management utility for remotely monitoring and configuring your printer fleet across multiple locations. Remotely diagnose user issues and setup automatic email alerts for instant notification of printer downtime enabling you to solve potential problems before they impact on productivity.
- **Web Based Management** – Manage and configure a single device by creating a direct connection through a standard web browser.
- **Universal Printer Driver** – A single, easy to use printer driver that can be used across a number of Brother devices and rolled out across multiple sites from one central point.

## ENTERPRISE SECURITY

- **Stay connected** – With 802.1x and the latest Enterprise Network Security Protocols, including Microsoft® PEAP, the MFC-8520DN will reliably connect to your secure network.
- **Control Costs** – By restricting access to the print, fax, copy and scan functions to selected users through either a complete block or by providing them with a limited number of pages they can print during a variable period of time.

“Intuitive and versatile the MFC-8520DN is your perfect workgroup performer.”



# MFC-8520DN Environmentally Friendly Printing

Our commitment to the environment is brought to life with a range of eco friendly features and the attainment of a range of environmental labels and awards:

- **Separate Toner & Drum:** Less wastage and reduced print costs.
- **Toner Save:** Eco mode uses less toner, which can help you to reduce your print spend.
- **2-Sided, N-in1 & Booklet Print:** Reduce paper consumption by up to 75% by printing multiple pages onto a single sheet of paper.
- **Deep Sleep Mode:** Consumes on average 1.6 watts of power when not in use, which is over 6 times less energy compared to the standard ready mode.
- **Quiet Mode:** Reduces the noise level so the device can be used in intellectual areas as recommended by Blue Angel.



## GENERAL

|                         |  |
|-------------------------|--|
| Technology              | Electrophotographic monochrome laser printer                                 |
| Laser Notice            | Class 1 Laser Product (IEC 60825-1:2007)                                     |
| Processor               | StarSapphire 400MHz  |
| Memory                  | 128MB (expandable up to 384MB using 1 x 144 pin, 16bit DDR2 DIMM)            |
| Local Interface         | Hi-Speed USB 2.0 & USB Host for direct print and scan from a USB Flash Drive |
| Wired Network Interface | Ethernet (10Base-T/100Base-TX)   |
| Display                 | 5 line white backlit LCD   |

## AUTOMATIC 2-SIDED MONO PRINTER

|                                |  |
|--------------------------------|--|
| Standard Print Speed (Simplex) | Up to 36ppm (pages per minute)   |
| 2-Sided Print Speed (Duplex)   | Up to 18ipm (images per minute)  |
| Resolution                     | 1,200 x 1,200dpi, HQ1200 (2,400 x 600dpi), 600 x 600dpi  |
| Warm Up Time                   | Less than 3 seconds (from sleep mode)  |
| First Print Out Time           | Less than 8.5 seconds (from ready mode)  |
| Print Languages                | PCL6, BR-Script3 (Postscript <sup>3</sup> ™ Language Emulation), IBM Proprinter XL, Epson FX-850         |
| Embedded Fonts (PCL)           | 66 scalable fonts, 12 bitmap fonts   |
| Embedded Fonts (PS)            | 66 compatible fonts  |
| Embedded Barcodes (PCL)        | UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C) |

## AUTOMATIC 2-SIDED MONO COPIER

|                               |  |
|-------------------------------|--|
| Standard Copy Speed           | Up to 36cpm (copies per minute)                                  |
| Resolution                    | 1,200 x 600dpi   |
| First Copy Out Time           | Less than 10.5 seconds (from ready mode)                         |
| Multi-Copying / Stack / Sort  | Makes up to 99 copies of each page (stacks or sorts)             |
| Reduction / Enlargement Ratio | Reduce & enlarge documents from 25% to 400% using 1% increments  |
| N in 1 Copying                | Allows the user to compress 2 or 4 pages onto a single A4 sheet. |

## AUTOMATIC 2-SIDED MONO FAX

|                             |   |
|-----------------------------|---|
| Modem Speed                 | 33,600bps (Super G3)  |
| Internet Fax (iFax)         | Fax documents anywhere in the world over the Internet <sup>3</sup>                                |
| PC-Fax                      | Send & receive faxes from your PC using a phone line (Receiving is for Windows <sup>®</sup> only) |
| Distinctive Ring Detection  | Ability to detect different ring styles (UK & Denmark only)                                       |
| Fax Forward & Retrieval     | Forward or retrieve faxes to or from another location   |
| Transmit / Receive Memory   | Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)                                     |
| Error Correction Mode (ECM) | Resending of failed documents where sending fax shares ECM  |

## AUTOMATIC 2-SIDED COLOUR SCANNER

|                             |  |
|-----------------------------|--|
| Resolution                  | 1,200 x 1,200dpi (from flatbed), 1,200 x 600dpi (from ADF), 19,200 x 19,200dpi (Enhanced)    |
| Grey Scale                  | 256 shades of grey   |
| Colour Depth                | 48 bit internal, 24 bit external   |
| Pull Scan Functions         | Scan to E-mail, Image, OCR, File & Searchable PDF (all available with the supplied software) |
| Network Push Scan Functions | Scan to Network Folder (Windows <sup>®</sup> only), FTP & E-mail Server <sup>3</sup>         |
| Drivers                     | TWAIN, WIA, ICA, SANE <sup>3</sup> & ISIS <sup>3</sup>                                       |



## PAPER HANDLING

|              |  |
|--------------|--|
| Paper Input  | 250 sheet standard paper tray<br>50 sheet multi-purpose tray<br>35 sheet Automatic Document Feeder (ADF) |
| Paper Output | 500 sheet optional paper tray<br>150 sheets face down<br>1 sheet face up (straight paper path)           |

## MEDIA SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Media Types & Sizes       | Standard / Optional Paper Tray - Plain & recycled paper (between 60 - 105 g/m2 (16 - 28 lb))<br>Multi-Purpose Tray - Plain, recycled & bond paper (between 60 - 163g/m2 (16 to 43lb))<br>ADF (Automatic Document Feeder) 64 - 90 g/m2 (17 - 24 lb)  |
| Media Weights             | Standard / Optional Paper Tray - A4, Letter, B5(ISO/JIS), A5, A5(Long Edge), B6(ISO), A6, Executive, Legal, Folio (A4 only supported in automatic duplex print mode)<br>Multi-Purpose Tray - Width: 76.2mm to 215.9mm (3" to 8.5") x Length: 127mm to 355.6mm (5" to 14")<br>ADF (Automatic Document Feeder) - Plain Paper & Recycled Paper |
| Envelope & Label Printing | Yes, from Multi-Purpose (MP) Tray (accuracy & reliability will depend on the quality & type of media used)  |

## WINDOWS PRINTER DRIVER FUNCTIONS

|                    |   |
|--------------------|---|
| N-up Printing      | Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (supported by Mac as well)        |
| Poster Printing    | Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages                                   |
| Watermark Printing | Add predefined text to your documents as a watermark  |
| Macro Printing     | Create & embed custom templates to your print jobs  |
| ID Printing        | Add identification to your printed documents  |
| Booklet Printing   | Print documents in A5 booklet format  |
| Quiet Mode         | Reduces the noise of the machine whilst printing (a small reduction in print speed also occurs) |
| Skip Blank Page    | Ignores any blank pages in your documents   |
| Reprint            | Print the last document that was sent to the machine  |

## NETWORK / UTILITIES

|                          |   |
|--------------------------|---|
| Web Based Management     | Web browser based management software   |
| Driver Deployment Wizard | A quick & easy way to deploy Brother printer drivers on a networked Windows <sup>®</sup> PC |
| BRAdmin Professional     | For LAN / WAN management <sup>3</sup>   |
| Print Log to Network     | Records printing activities from individual users   |
| E-mail Notifications     | Automatic alerts sent via e-mail when the device needs attention                            |
| E-mail Reports           | Schedule automatic meter reads  |

## SUPPORTED OPERATING SYSTEMS

|                      |   |
|----------------------|---|
| Windows <sup>®</sup> | Windows 7 <sup>®</sup> (32 & 64 bit editions), Windows Vista <sup>®</sup> (32 & 64 bit editions), Windows <sup>®</sup> XP Professional (32 & 64 bit editions), Windows <sup>®</sup> XP Home Edition, Windows <sup>®</sup> Server 2008R2, Windows <sup>®</sup> Server 2008 (32 & 64 bit editions), Windows <sup>®</sup> Server 2003 (32 & 64 bit editions). Note that Windows <sup>®</sup> Server 2003 & 2008 are for printing only. |
| Mac                  | Mac OS X 10.5.8, 10.6.x, 10.7.x or greater  |
| Linux                | CUPS, LPD/LPRng (x86/x64 environment)   |

## SECURITY FEATURES

|                                      |  |
|--------------------------------------|--|
| Setting Lock                         | Lock down the control panel to stop unwanted user access                                   |
| Secure Function Lock v2              | Restrict printing, faxing, copying and scanning activities and assign optional page limits |
| Secure Printing with SSL             | IPP based encryption for printing  |
| IP Filter                            | IP address based access restriction (IPv4 only)  |
| 802.1x (Wired NetworkAccess Control) | Supported Protocols - EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS                           |

## SUPPLIES / ACCESSORIES

|                     |   |
|---------------------|---|
| Inbox Toner         | Approx. 2,000 pages <sup>1</sup>                  |
| Standard Toner      | TN-3330 - Approx. 3,000 pages <sup>1</sup>        |
| High Yield Toner    | TN-3380 - Approx. 8,000 pages <sup>1</sup>        |
| Drum                | DR-3300 - Approx. 30,000 pages (one job per page) |
| Optional Lower Tray | LT-5400 - Up to 500 sheets                        |



## WEIGHTS & DIMENSIONS

|                |                                      |
|----------------|--------------------------------------|
| With Carton    | 533(w) x 515(d) x 601(h) mm / 20.1kg |
| Without Carton | 405(w) x 415(d) x 423(h) mm / 16.0kg |

## ENVIRONMENT

|                                |   |
|--------------------------------|---|
| Typical Electrical Consumption | 2.28kWh / week                                |
| Power Consumption              | 651W active, 8.1W ready, 1.2W deep sleep      |
| Sound Pressure                 | 59dBA active, 54dBA quiet mode, 37dBA ready   |
| Sound Power                    | 6.64BA active, 6.4BA quiet mode, 4.62BA ready |
| Power Save                     | Consumes less energy when not in use          |
| Toner Save                     | Reduces toner usage                           |

## DUTY CYCLE

|                                  |                                 |
|----------------------------------|---------------------------------|
| Recommended Monthly Print Volume | 500 to 3,500 pages              |
| Maximum Monthly Volume           | Up to 50,000 pages <sup>2</sup> |



<sup>1</sup>Declared yield value in accordance with ISO/IEC19752. <sup>2</sup>Maximum number of printed pages per month and can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements. <sup>3</sup>Downloadable from <http://solutions.brother.com>

Contact:

**brother**  
at your side

### Brother International Europe Ltd

Brother House, 1 Tame Street, Audenshaw, Manchester M34 5JE

Tel: +44 (0)161-330 6531 Fax: +44 (0)161-330 5520

Website: [www.brother.com](http://www.brother.com)

All specifications correct at time of printing. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.