Technical Specifications MFC-8880DN & MFC-8890DW

Mono Duplex Printer

Technology	Electrophotographic Laser
Print Speed A4	Standard - Up to 30ppm, Duplex - Up to 13 sides per minute
Resolution	1,200dpi, HQ1200 (2,400 x 600), 600dpi, 300dpi
First Print Out Time	Less than 8.5 seconds,
Emulation	PCL®6, BR-Script3 (Postscript®3 Language Emulation) IBM Proprinter XL, Epson FX-850
Resident Fonts	PCL®6 - 66 Scalable Fonts, 12 Bitmap Fonts, 13 Barcodes, Postscript®3 - Compatible fonts: 66
Interface	Hi-Speed USB 2.0
Network	10/100 Base-TX, Wireless LAN IEEE802.11b/g (MFC-8890DW only)
Display	5 line, 22 characters white back-lit LCD

Mono Duplex Copier

Copy Speed A4	Up to 30cpm, Duplex - Up to 13 sides per minute
Resolution	Up to 1,200 x 600dpi
First Copy Out Time	Less than 10.5 seconds (from ready mode)
Stack & Sort	Stack and sort multiple copied documents
Reduction / Enlargement Ratio	Reduce and enlarge documents from 25% to 400% using 1% increments

Mono Duplex Fax

Modem Speed	33,600bps (G3)
Internet Fax	Fax documents anywhere in the world over the Internet without the use of a telephone line
Fax/Tel Switch	Automatic recognition of fax and telephone reception
One-Touch Dial	40 (20 x 2) locations
Speed & Group Dial	Up to 300 speed locations and up to 8 groups
Distinctive Ring Detection	Ability to detect different ring styles (UK and Denmark only)
Fax Forward and Retrieval	Forward or retrieve faxes to or from another location
Transmit / Receive Memory	Up to 500 pages (ITU-T Test Chart, Standard Resolution, MMR)
Error Correction Mode (ECM)	Resending of failed documents where sending fax shares ECM
PC-Fax***	Send & receive faxes from your PC (phone line required)

Colour Duplex Scanner

Resolution	600 x 2,400dpi (from scanner glass) 600 x 1,200dpi (from ADF)
Resolution (Enhanced)	19,200 x 19,200dpi
Grey Scale	256 shades of grey are available for copying and scanning (and faxing MFC-8890DW)
Colour Depth	48 bit internal, 24 bit external
Scan Functions	Scan to E-mail / OCR / Image / File**, Scan to E-mail server / Network / FTP / USB Flash Memory Drive

Paper Handling

Paper Input	250 sheet standard paper tray, 50 sheet multipurpose tray, Optional 250 sheet paper tray, 50 sheet automatic document feeder (ADF)
Paper Output	150 sheets (face down)

Media Specifications

Media Types	Standard Paper Tray - Thin Paper, Plain Paper, Bond Paper, Recycled Paper, Transparencies (up to 10 sheets) Multi-Purpose Tray - Thin Paper, Plain Paper, Thick Paper, Bond Paper, Recycled Paper, Envelopes, Labels, Transparencies (up to 10 sheets)
Media Weights	Standard Paper Tray - 60 to 105g/m2 (16 to 28lb), Multi-Purpose Tray - 60 to 163 g/m2 (16 to 43 lb) Optional Tray - 60 to 105g/m2 (16 to 28lb), Duplex - 60 to 105g/m2 (16 to 28 lb) ADF - 64 to 90 g/m2 (17 - 24 lb)
Media Sizes	Standard Paper Tray - A4, Letter, ISOB5, A5, A5 (Long Edge), ISOB6, A6, Executive Multi-Purpose Tray - Width 69.8 to 216 mm, Length 116 to 406.4 mm, Optional Tray - A4, Letter, ISOB5, A5, ISOB6, Executive, Automatic Duplex - A4

Printer Driver Software

Windows®	Windows Vista®, Windows® XP Professional (32 & 64 bit editions) / XP Home Edition, Windows Server 2003® (32 & 64 bit editions), Windows Server 2008®, Windows® 2000 Professional
Macintosh®	Mac OS® X 10.3.9 or greater
Linux****	CUPS printing system (x86, x64 environment), LPD/LPRng printing system (x86, x64 environment

Printer Driver Functions

Automatic Duplex	Automatically print on both sides of the paper
Booklet Printing	Print 4 pages to every piece of paper (2 pages per side) and fold it in the middle.
N-up Printing	Reduce 2, 4, 9, 16 or 25 A4 pages to 1 A4 page
Poster Printing	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing	Print documents with predefined text or user-defined messages
Macro Function	Automate repetitive tasks, like printing a company letter head
Status Monitor	A function for showing the printer status on your PC

USB Direct Interface

USB Direct Print	Print images or files directly from USB Flash Memory Drive
File Formats - Print	PDF version1.6, Microsoft XPS, JPEG, Exif + JPEG, PRN (created by the MFC's printer driver), TIFF (MH) (scanned by Brother model)
Scan to USB	Scan images or documents to USB Flash Memory Drive
File Formats - Scan	PDF version1.6, Microsoft XPS, JPEG, TIFF

Network

Web Based Management	Web browser print server management
Driver Deployment Wizard	A quick and easy way to deploy a Brother printer drivers on a networked Windows® PC
BR-Admin Light	Print Server Management for Windows® and Mac OS X® 10.2.4 or greater
BR-Admin Professional****	For LAN / WAN management
Protocols	TCP/IP (IPv4 & IPv6)
IIPv4 Supported	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP) WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client and Server,TELNET Server, HTTP/HTTPS server, SSL/TLS, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMP, LLTD responder, WebServicesPrint CIFS Client, SNTP, LDAP, POP3/SMTP
IPv6 Supported Protocols	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client and Server,TELNET Server, HTTP/HTTPS server, SSL/TLS, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMPv6, LLTD responder, WebServicesPrint CIFS Client, SNTP, LDAP, POP3/SMTP
Address Book	Access internal address books using LDAP for sending faxes and e-mails

Supplies

Inbox Toner	Approx. 3,000 pages*
Standard Toner	TN-3230 - Approx. 3,000 pages*
High Yield Toner	TN-3280 - Approx. 8,000 pages*
Drum	DR-3200 - Approx. 25,000 pages
Optional Lower Tray	LT-5300 - 250 sheet paper tray

Dimensions/Weight

With Carton	628(W) x 567(D) x 575(H) mm / 22.1kg
Without Carton	531(W) x 451(D) x 475(H) mm / 18.6kg

Others

Power Consumption	680W copying, 85W ready, 18W sleep (19W sleep MFC-8890DW)
Noise Level	Sound Pressure - Less than 56dBA when copying, less than 30dBA in ready Sound Power - Less than 6.95B when copying, less than 4.6B in ready
Ecology	Power Save - Consume less energy when not in use, Toner Save - Reduces toner usage
Laser Classification Recommended	Class 1 Laser Product (IEC 60825-1+A2:2001)
Monthly Print Volume	500 - 3,500 pages

* Declared yield in accordance with ISO/IEC 19752.
** Requires Brother Software
***Receiving is for Windows® only
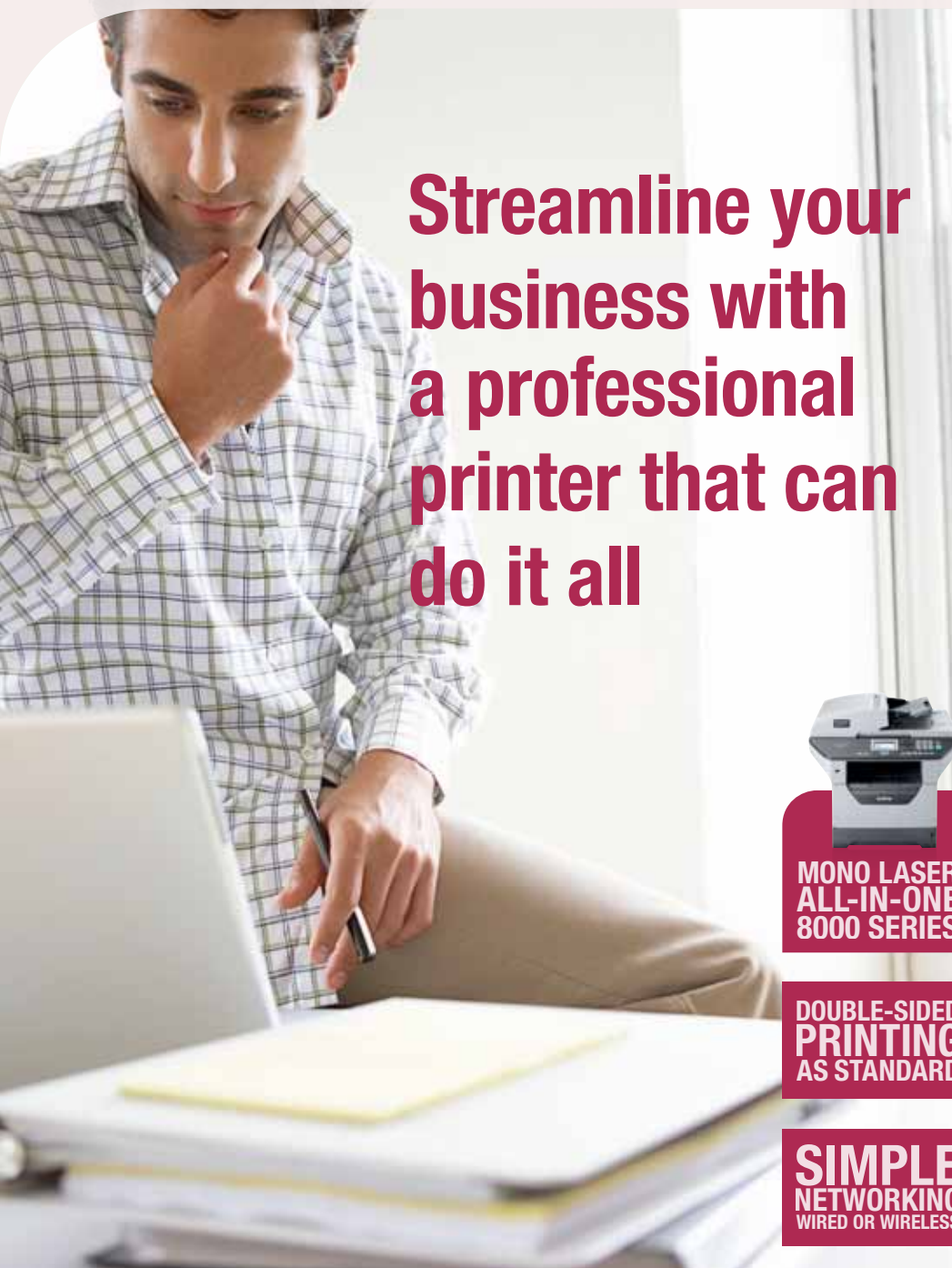**** Optional free downloads available from http://solutions.brother.com

Streamline your business with a professional printer that can do it all

MONO LASER ALL-IN-ONE 8000 SERIES

DOUBLE-SIDED PRINTING AS STANDARD

SIMPLE NETWORKING WIRED OR WIRELESS

brother at your side

Business these days is about running a tight ship. And our new 8000 series mono laser printers help you do that in lots of ways. Saving time with fast print speeds, for instance. Or slashing your paper costs with double-sided printing. Here are just some of the ways Brother's 8000 series professional laser printers work harder for you.

Fast performance and professional results

With print and copy speeds of up to 30 pages per minute, you won't be kept waiting for your documents. And with the automatic document feeder you can load it and leave it, instead of copying each page separately. To save time you can print directly from a USB memory stick too, meaning you don't even have to turn on your PC. Whether you're printing, copying, scanning or faxing, you'll also find the quality equally impressive.

Easy to use, putting you in control

A machine packed with technology is no good if you can't work out how to use it. So we made the 8000 series really simple to operate.

The large LCD display gives you access to all menus easily and clearly. If you want to protect your confidential information from hackers when printing, you can do so at the touch of a button with free Secure Socket Layer (SSL) encryption. And managing all your Brother printers centrally is a cinch, using our BR-Admin software, which makes it easy for you to pinpoint any problems you may have across your printer network, without leaving your desk. Even sharing your printer is uncomplicated, with straight forward wired or wireless network connections built-in.

Low running costs and great value for money

No business can afford to waste money. So the 8000 series has been designed to keep costs right down. For example, every model has automatic double-sided printing as standard, so you can instantly cut your paper costs by up to 50%.

Fast, reliable, easy to use and feature packed. It's easy to see how the 8000 series can benefit your business

More features to help you spend less on printing

Each model in the 8000 series offers similar performance, but with subtly different features. Choosing the right one for you is simple though. Just think about how your business works. Will you need fax? Is your office wireless? And so on – and then check which printer has what you need.

Save money
with double-sided and booklet printing as standard

Save time
with up to 30 pages per minute print speed plus double-sided scan and copy features

Save the hassle
of constantly reloading paper with 250 sheet tray

Save energy
Energy Star approved

DCP-8085DN
(WITH OPTIONAL LOWER TRAY LT-5300)

It's easy to find the right model for you

Professional Mono Laser All-in-one Printers

	DCP-8085DN	MFC-8880DN	MFC-8890DW
Network ready	●	●	●
Wireless			●
Double-sided print	●	●	●
Fax		●	●
Internet fax		●	●
Optional lower tray	●	●	●

Added flexibility and peace of mind

Don't worry if your business grows or you have a particularly large job to print, the paper capacity in our 8000 series can be increased to 550 sheets by adding an optional lower tray. Don't worry about reliability either, as every Brother printer comes with a 12 month warranty for your complete peace of mind.

Minimal costs and minimal impact on the environment

Save time and money with cleverly designed consumables

The 8000 series is designed to keep your costs down by using a separate toner cartridge and drum – so you only ever need to replace them one at a time. And to reduce the cost per page even further, high yield replacement toners are available. To keep getting the best out of your printer, make sure you always use genuine Brother consumables.

Peace of mind comes as standard, too

Every Brother printer comes with a 12 month warranty, plus in the unlikely event of a problem, there's help available online 24 hours a day too, with a dedicated UK helpline during office hours.

Green and clean

As a company, Brother's environmental and ethical credentials are second to none. All Brother consumables can be recycled for free at our award-winning plant in North Wales. We were even awarded 100 out of 100 by the Ethical Company Organisation for the third year in a row – the only printer manufacturer to achieve this.

And our commitment to the environment now includes sponsoring 4 square kilometres of Amazon rainforest in partnership with Cool Earth, which protects endangered areas to help combat global warming.

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Resident Fonts	PCL®6 - 66 Scalable Fonts, 12 Bitmap Fonts, 13 Barcodes, Postscript®3 - Compatible fonts: 66
Interface	Hi-Speed USB 2.0
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