

MFC-L8390CDW Colour Laser Multifunction Printer

brother
at your side

B E Y O N D C O L O U R I N P R I N T

Colour Solutions for Professional Printing



Up to 30ppm
(mono/colour)



Auto 2-Sided
Printing



8.8cm Customisable
Touch Screen LCD



Security
Functions



Wireless & NFC
Connectivity



Mobile Printing
& Scanning

Daily documents expressed in incredible hues. Present your prints with vivid accuracy in full detail through Brother's series of single and multifunction colour laser printers. Designed for the modern office and it's workflow, each model in the range is crafted with rich utilities and productivity functions that enhance daily operations. Experience colour printing that is true to life, just as you imagined it.

Colours That Go Beyond



02

Meet High Volume Printing Needs

Print so much more at a fraction of the cost for greater value overall. With **Super High Yield toners**, the MFC-L8390CDW offers incredibly efficient print usage rates that reduce the need for frequent replacements. Print costs are averaged out over a longer period of time as well, keeping Total Cost of Ownership (TCO) low.

03

Convenient Paper Handling

Say goodbye to frequent paper refills with the optional 250-sheet LT-310CL lower paper tray. With a combined 500-sheet** capacity on the MFC-L8390CDW, you can breeze through tasks without the need for constant attention to paper levels. Enjoy extended periods of uninterrupted printing for enhanced workflow efficiency.



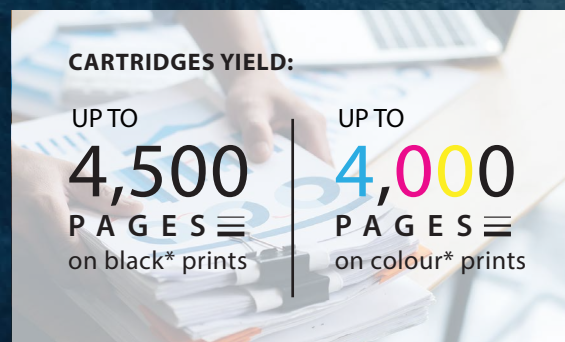
* Approximate cartridge yield is declared in accordance with ISO/IEC 19798.

** Only one additional lower paper tray is accommodated on the MFC-L8390CDW.

01

True to Life

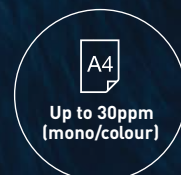
Professional printouts that are vibrantly accurate. Brother's leading LED technology means that colours produced by the MFC-L8390CDW are crisp and sharp, with smooth and natural gradients. Reduce the guesswork and unnecessary reprints as documents are printed as accurately as how they appeared on screen.



04

Fast Prints on Demand

Speed when you need it. Both colour and black and white documents print at impressive output speeds of up to 30ppm for A4, on various supported media types. Have documents ready on time as productivity is improved thanks to less time spent waiting.





Small & Silent

05

Quiet Operations

Print documents quietly with Quiet Mode. Ready Mode can also be used to ensure that the printer runs silently while on standby.

06

Compact-sized for Flexibility

The MFC-L8390CDW can be integrated into workflows with ease and flexibility due to its compact size, helping you to improve productivity in any workspace.

07

At your side Free, automatic 3-Year On-Site Warranty

When you purchase a Brother printer and our genuine inks or toners, we'll support you every step of the way with our FREE 3-year* warranty commitment. YOU DO NOT NEED TO REGISTER YOUR PRODUCT, our warranty is automatic when you purchase your Brother printer.

Cost & Resource Saving Prints



08

Up To 50% Less Paper To Waste

Automatic 2-sided (duplex) printing saves up to 50% less on paper and in the long run, saves on costs.

09

Enhanced Sharing Accessibility

Built-in Wi-Fi/Wireless LAN (2.4GHz) and Gigabit Ethernet on the MFC-L8390CDW allows for effortless sharing of your printer over the same network. Seamless NFC card authentication helps improve productivity too.



10

Connectivity for Convenience

Print and scan your documents from and to mobile devices using the Brother Mobile Connect application*. Applications such as Brother Cloud Apps* and WebConnect* also assist with seamless scanning and printing.



* The printer and the application must be on the same network to function properly.

11

Secure Your Important Documents

The Secure Print function ensures documents are not copied or read by unauthorised users without the required 4-digit PIN. Unretrieved documents are automatically deleted, saving costs in an environmentally friendly way.



*Effective 1 September 2025. Only valid for purchases in South Africa.



MFC-L8390CDW Colour Laser Multifunction Printer

Key Functions	Print, Scan, Copy and Fax
Description	High productivity Colour LED Multifunction Printer with Wireless Connectivity, NFC, Gigabit Ethernet Connectivity and Automatic 2-Sided Printing and Scanning
Print Speed (A4/Letter)	Up to 30/31 ppm
Print Resolution	600 x 600 dpi, 2,400 dpi (600 x 2,400) quality
First Print Out Time (Ready)	Less than 12.5/12.5 secs (Mono/Colour)
2-Sided Feature	Automatic 2-Sided Printing, Scanning and Copying
Duty Cycle	Up to 4,000 pages per month (recommended monthly print volume)
COPY FUNCTIONS	
Copy Speed (A4/Letter)	Up to 30/31 cpm
Copy Resolution	600 x 600 dpi
Reduction / Enlargement Ratio	25% - 400% in 1% increments
Copy Features	N-in-1
SCAN FUNCTIONS	
Scan Speed (Mono/Colour) ¹	27/21 ipm (A4) 29/22 ipm (LTR)
Scan Technology	Dual CIS
Automatic 2-Sided Scanning	Yes
Resolution (Optical)	Max 1,200 x 1,200 dpi (from glass) / Max 600 x 600 dpi (from ADF)
Resolution (Interpolated)	Max 19,200 x 19,200 dpi
Scan To Functions	Sharepoint, E-mail, Email Server, Image, OCR, File, FTP, SFTP, Network (Windows only), USB
FAX FUNCTION	
Modem Speed	33,600bps (Fax)
Transmission Speed	Approx. 2.5 sec. (ITU-T Test Chart, Standard Resolution, JBIG)
Memory Transmission/Out-of-paper Reception	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Speed Dial	300 locations
Group Dial	20 groups
Broadcasting	350 locations
CONNECTIVITY/NETWORKING	
Interface	USB 2.0, Gigabit Ethernet (10Base-T/100Base-TX/1000Base-T), Wi-Fi Direct, Wireless Lan (2.4GHz)
Front USB Direct Print	Yes
Near-Field Connectivity (NFC)	Yes (Card Reader/NFC Shortcut)
Mobile Solutions	AirPrint, Mopria and Mobile Connect App
Desktop Solutions	Brother iPrint&Scan
Brother's Cloud Apps	Yes
WebConnect	Yes
PAPER HANDLING	
Input Tray (Standard)	250 sheets
Multi-purpose Tray / Manual Slot	30 sheets Envelope: 3 envelopes up to 6mm thick
Output Tray (Face Down)	150 sheets Face Down (80g/m ²) 1 sheet Face-Up (straight paper path)
Optional Paper Tray	250 sheets (LT-310CL)
Automatic Document Feeder (ADF)	50 sheets
Media Weights (Standard Tray/MPTray)	60 to 163g/m ²
Media Size (Standard Tray)	A4, Letter, Legal, Executive, A5, A5 Long Edge, A6, JIS B5, A4 Short (270mm), Folio, 16K (195 x 270mm)
OTHERS	
Processor Speed	MAIN: Cortex-A53 800MHz Sub: ARM946 133MHz
Memory	512MB
Display	8.8cm Colour TFT Touch Screen
OS Compatibility	Windows: Win10, 11 / Server 2012 / 2012R2 / 2016 / 2019 / 2022 Linux: CUPS, LPD/LPRng (x86/x64 environment)
Utilities & Solutions	BRAdmin Light*, BRAdmin Professional 4*, Web Based Management
Security Features	Setting Lock, Secure Function Lock, Secure Print, Active Directory, LDAP
Power Consumption (Printing/Sleep)	Printing: Average: Approx. 620W Sleep mode: Average: Approx. 10W
Power Source	220-240 V AC 50/60Hz
Noise Level (Printing)	LpA _m = 48 dB(A)
SUPPLIES	
Inbox Toners	BK: Approx. 1,000 pages CMY: Approx. 1,000 pages each
Super High-Yield Toner [‡]	BK: Approx. 4,500 pages (TN279XXLBK) CMY: Approx. 4,000 pages each (TN279XXLC/M/Y)
Drum	Approx. 20,000 pages (1 page/job) Approx. 30,000 pages (3 page/job) (DR279CL)(4PK)
DIMENSIONS & WEIGHT	
Dimension (W x D x H)	410 x 462 x 401 mm (w/o carton) 497 x 583 x 533 mm (w/ carton)
Weight with toner and drum	21.9 kg (w/o carton) 25.3 kg (w/ carton)

* For Windows by download only

¹ In accordance with ISO/IEC 17991

[‡] In accordance with ISO/IEC 19798

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