



KONICA MINOLTA

The essentials of imaging



# magicolor 549MF\*

Next generation all-in-one  
A4 colour laser printer

**Colour all-in-one 24/24 ppm**

The Konica 549MF has been rebranded from Konica 4695MF by Printer Experts for internal stock management purposes. The 549MF is the Konica 4695MF. For warranty or service calls with Konica you must quote the 4695MF model number. The printer you receive may be branded 4695MF or 549MF.

magicolor 549MF



# State-of-the-art colour all-in-one for quality and speed

Many small to medium sized offices, freelance and independent businesses require an efficient all-in-one colour printing solution. If you or your business requires documents printed, copied, faxed and scanned in colour or black and white, then the magicolor 549MF is your ideal multi-function device. It efficiently combine four functions in a single system, thus eliminating the need for costly and multiple bulky devices.

The magicolor 549MF provides high-speed tandem technology delivering fast 24 A4 pages in colour or black and white. It features a smart and sturdy design, standard duplexer for double-sided printing and an automatic duplex document feeder. The magicolor 549MF is extremely easy to use, with flexible media handling and straightforward exchange of consumables.

Configuration	magicolor 549MF
Copy/ Print/Scan Speed	Colour up to 24 ppm B/W up to 24 ppm
Processor	500 MHz
Memory	Std: 256 MB, Max: 768 MB
Hard disc kit	40 GB optional
Connectivity	10-Base-T/100-Base-TX/1,000-Base-T Ethernet, IEEE 1284, USB 2.0
Languages	PostScript 3, PCL 6 (XL3.0), PCL 5e/c, XPS optional

With PCL 6 and PostScript 3® capabilities and an option to upgrade to Windows XPS standard, the magicolor 549MF offers full compatibility with standard operating systems and extra flexibility for additional business applications.

If you are looking for high-quality colour and speed combined with efficient, copying, printing, faxing and scanning functions in a single system, you will appreciate the magicolor 549MF. It is the ideal economical all-in-one colour solution for any demanding office or single user.



magicolor 549MF



magicolor 549MF  
with optional  
lower paper feeder



magicolor 459MF  
with optional cabinet

## → Effective and versatile copying and printing

The magicolor 549MF and magicolor 549MF cover all your printing and copying needs, helping you produce reports, presentations and business cards quickly and easily. High-speed technology enables you to print up to 24 pages per minute in colour or black and white. Equipped with an array of superb standard features, including an Automatic Duplex Document Feeder and a duplexer for double-sided printing, a 250-sheet paper feeder plus a 100-sheet manual feed tray, the magicolor 549MF is flexible and versatile.

Comprehensive connectivity is ensured with 10-Base-T/100-Base-TX Ethernet and USB 2.0 ports. Paper processing of up to 210 gsm allows you to create a range of media stationery, including business cards and labels. The optional lower paper feeder provides an extra 500 sheets capacity for long print runs.

For even more versatility and convenience, the magicolor 549MF also offers PCL6 and PostScript 3® capabilities and can be optionally upgraded to the new Windows XPS standard. With Gigabit Ethernet as the standard interface, the magicolor 549MF is suitably equipped for your future networking requirements. Enjoy instant printing of PDF, TIFF, JPEG and XPS files on a USB memory stick – no PC is required<sup>1</sup>.

## → Fax and scan for efficient communication

With its ECM/Super G3 capability the magicolor 549MF is a very efficient fax that enables you to send and receive documents at high speed. The convenient time-saving address book function includes up to 220 speed dials. The PC-fax driver allows you to send documents straight from your PC without printing them first. With the Forward-to-Email fax function you can automatically pass on faxes to an email address, enabling you to read faxes before deciding if you need to print them. Additional features include time-send and auto-redial.

The magicolor 549MF is a fast and versatile scanner that process up to 24 originals per minute. Enhanced network scan functions give you real

flexibility and include scan-to-email, scan-to-FTP and scan-to-SMB, as well as TWAIN and WIA scans, with PDF, JPEG and TIFF available as file formats. Scan-to-USB memory enables you to store your scans directly on a USB stick. Included as standard is the LinkMagic scan software that facilitates pull scanning directly from your PC – eliminating the need to start another application. Finally, the standard PaperPort 11SE scan software provides a practical OCR functionality, making the managing and archiving of documents faster and easier.

## → Superior quality combined with economic use

Using Konica Minolta's Simitri® HD toner, the magicolor 549MF produces consistently high quality results. The ultra-fine carrier particles of this polymerised toner ensure smoother, more natural images at both low and high density, with richer gradations and sharper text. Print quality is excellent with an enhanced resolution of up to 2,400 x 600 dpi for the magicolor 4690MF and PhotoART-9600™ (600 x 600 dpi x 4-bit contone) for the magicolor 549MF. The special edge enhancement feature provides top results especially for text, fine lines and drawings.

The magicolor 549M combines excellent print quality with economical usage. Auto colour recognition saves toner by only using colour toner where it is actually required. Economic copying is facilitated with two separate start buttons for colour and black and white copies, giving you the instant choice. Lastly, the Toner Save Mode makes for highly economical printing allowing you to save up to 50% toner when printing drafts or internal documents.



**magicolor 549 MF** 

# Technical specifications



KONICA MINOLTA

**Simitri HD**  
High Definition Polymerised Toner



## Print process

- Print method  
Full colour A4 laser
- Print speed A4  
Up to 24 ppm monochrome and colour
- First page out  
18 seconds or less monochrome and colour
- Warm-up time  
58 seconds or less
- Max. resolution  
600 x 600 x 4-bit contone (PhotoART-9600™)
- Duty cycle  
120,000 pages per month
- Print functions  
Autozoom, Nup, Poster mode, Booklet, Watermark, Quality adjustment, Overlay
- Direct print  
PDF (version 1.6), JPEG, TIFF, XPS2

## Copy process

- Copy speed  
Up to 24 cpm monochrome and colour
- First copy out  
25 seconds monochrome, 28 seconds colour
- Copy resolution  
600 x 600 dpi
- Copies  
1-99
- Zoom range  
25-400% (by 1% step)
- Copy functions  
2in1, 4in1, Duplex copy, Density adjustment, Electronic collation

## Scan process

- Scan technology  
CCD Image sensor, flat bed
- Scan speed  
Up to 24 opm monochrome and colour
- Resolution  
600 x 600 dpi (max.)
- Scan size  
Max. A4, custom formats
- Scan Modes  
TWAIN Scan, Windows WIA scan, Scan-to-eMail, Scan-to-SMB, Scan-to-FTP, Scan-to-USB Memory

- File Formats  
PDF, TIFF, JPEG

## Fax process

- Send and receive with internal fax module
- Modem speed  
33.6 Kbps V.34
- Transmit speed  
3 sec/page (at V.34)
- Fax compression  
MH, MR, MMR, JBIG
- Speed dial  
220
- Fax functions  
Time Shift, PC-Fax, Receipt to eMail

## Hardware and software capabilities

- Processor  
500 MHz
- Memory  
Standard: 256 MB  
Max: 768 MB
- Hard disc  
40 GB optional
- Printer language  
PostScript 3, XPS2, PCL 6 (XL3.0), PCL 5e/c
- Printer management  
LinkMagic (Push Scan Utility), PaperPort SE, PageScope Net Care, PageScope Network Setup, PageScope Web Connection, PageScope NDPS Gateway, PageScope Direct Print
- Colour Control  
Enhanced Automatic Image Density Control (eAIDC)

## Interface support

- Ethernet 10-Base-T/100-Base-TX/1,000-Base-T, IEEE 1284 Compatible Parallel Port, USB 2.0 (High-Speed) and USB Host Port (for PictBridge and Direct Print)

## Operating system compatibility

- Windows 2000, XP, Vista, Server 2003
- Macintosh OS 10.2, 10.3, 10.4
- Linux RedHat v9.0, SuSe v8.2

## Paper handling

- Standard paper input  
250-sheet
- 100-sheet multi manual feed tray
- Standard paper output  
250-sheet face-down output tray
- Optional paper handling  
500-sheet A4 lower paper feeder
- Media sizes supported  
A4, A5, A6, B5, B5 (ISO), B6, letter, legal, 16K, Kai16, Kai32, J-Postcard, executive, Government letter/legal, folio, double postcard, statement, UK Quarto, SP folio, foolscap, custom (92-216 mm x 148-356 mm)
- Envelope sizes supported  
Com10, C6, DL, Monarch
- Duplexer sizes supported  
A4
- Printable area  
Approx. 4 mm from all edges
- Paper weights  
Plain paper (60-90 gsm) and recycled paper (60-90 gsm), Thick stock (91-210 gsm) - via multi
- manual feed tray only  
Duplexing (60-90 gsm)
- Print media  
Plain paper, thick paper, recycled paper, transparency, letterhead, envelope, labels, postcard, glossy paper

## Physical

- Dimensions (D x W x H mm)  
590 mm x 539 mm x 578 mm
- Weight  
50 kg without consumables, 55 kg with consumables installed, 70 kg packaged to ship

## Electrical

- Input voltage range  
220 V ~ 240 V (+/- 10%)
- Frequency  
50 ~ 60 Hz (+/- 3 %)

- Power consumption  
Max. 1,250 W  
Average during printing 650 W or less  
Standby 200 W or less  
Energy save 25 W or less

## Environmental

- Temperature  
10 ~ 35°C (operating)
- Humidity  
15% to 85% RH (operating)
- Noise levels  
54 dB or less (A) (printing), 56 dB or less (A) (copying with ADF), 39 dB or less (A) (standby)

## Regulatory/Safety conformity

- Doc, CE Marking, GS, EMC, WEEE, Energy Star, EcoMark

## Consumables

- Pre-installed  
Cyan, Magenta, Yellow and Black toner - yield up to 3,000 pages  
Cyan, Magenta, Yellow and Black print unit - yield up to 30,000 pages  
Waste toner bottle - yield up to 36,000 pages (monochrome), 9,000 pages (colour)
- Replacements  
Cyan, Magenta, Yellow and Black toner - yield up to 4,000 pages  
Cyan, Magenta, Yellow and Black high capacity toner - yield up to 8,000 pages  
Cyan, Magenta, Yellow and Black print unit - yield up to 30,000 pages  
Waste toner bottle - yield up to 36,000 pages (monochrome), 9,000 pages (colour)

## Maintenance parts

- Transfer roller and Ozone filter  
Yield up to 120,000 pages
- Transfer belt  
Yield up to 120,000 pages
- Fuser unit  
Yield up to 120,000 pages
- Media feed roller  
Yield up to 300,000 pages

## Warranty period and conditions

- 1 year on-site warranty (within EU; local law applies)

Optional CF card enables storing fonts/forms/overlays/colour-profiles, direct printing (PDF, TIFF and JPEG), collating. More than 1 GB CF card is required for collating. Optional hard disc kit enables secure printing, proof-then-print, print & hold, job storing and XPS emulation in addition to all extra functions with CF card

All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality. All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode. The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations. The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity. Some of the product illustrations contain optional accessories. Specifications and accessories are based on the information available at the time of printing and are subject to change without notice. Konica Minolta does not guarantee that any prices or specifications mentioned will be error-free. Microsoft, Windows and the Windows logo are trademarks, or registered trademarks, of Microsoft Corporation in the United States and/or other countries.

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Your Konica Minolta Business Solutions Partner:



Konica Minolta  
Business Solutions (UK) Ltd  
Old Bridge House • The Hythe  
Staines • Middlesex TW18 3JQ  
Tel. +44 (0) 1784 44 22 55  
Fax. +44 (0) 1784 41 18 68  
[www.konicaminolta.co.uk/printer](http://www.konicaminolta.co.uk/printer)



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\* Printer model number may vary on shipping, specifications will always be as per spec sheet.