



KONICA MINOLTA

magicolor® 5450

**Ultimate  
compatibility**  
with supreme power



**REVOLUTION IN COLOUR PRINTING**



KONICA MINOLTA

# Ultimate compatibility with supreme power

The magicolor® 5450 is a high-end colour and mono PostScript compatible printer with the ability to print from virtually any application and operating system. Its outstanding power ensures great print speed, flexibility, cost effectiveness, and above all, superb print quality - making it the undisputed printer for large and varied workgroups and graphics professionals alike.



## Superb power and versatility

As well as its ability to support all major operating systems, the magicolor® 5450's formidable power comes in the form of 25 page per minute print speed (in both colour and monochrome) and a first page-out time of just 14 seconds. Due to its next-generation Emperon controller, PostScript 3 emulation and a G4 667 MHz processor, it is able to zip through heavy duty print runs with ease. It has a 600-sheet capacity as standard, while for increased capacity you can add up to two 500-sheet feeders, or a duplex unit for two-sided and booklet printing.

## Cost-effectiveness built in

A dedicated colour and monochrome printer, the magicolor® 5450 brings together the reliability, robustness and productivity you associate with a monochrome printer with the advantages of colour. Its long-lasting consumables give rise to cost-per-page figures that put rival printers in the shade.

## User-friendly for effortless operation

With consumables and network card already installed, you're ready to print with the magicolor® 5450 as soon as its out of its box. It has an easy-to-read back-lit graphic display, and paper and toner levels can be monitored from a PC through PageScope™ administration tools. The number of replaceable consumables is only five, while a on-site warranty provides complete peace of mind.



# magicolor® 5450



PRISMLASER  
TECHNOLOGY

## Simply outstanding colour printing

Using revolutionary Photo ART™ contone technology, the magicolor® 5450 delivers printed pages of stunning quality. Printing at 600 x 600 x 4 dpi, Photo ART™ contone varies the colours of individual pixels to a much greater degree than usual, providing outstanding printing precision, enhanced picture detail and smooth colour gradations. eAIDC (enhanced automatic image density control) ensures unparalleled colour consistency, while Simitri™ polymerised toners take print quality levels even higher. Materials such as booklets and brochures can all be printed thanks to the printer's ability to handle up to 210 g/m<sup>2</sup> weight stock.

## Direct Photo Print

The magicolor® 5450 lets you print photos direct from any PictBridge-compliant digital camera. It's fast and easy and there's no PC involved. Using index printing, it also lets you print a contact sheet first. With the facility to scale and rotate images as well, you have all the convenience of managing and editing your photos - all from your camera.



# magicolor® 5450

## magicolor® 5450 at a glance

- PictBridge interface
- Single-pass PRISMLASER Technology™
- 25 ppm A4 in full colour and monochrome
- First page out: 14 seconds in colour and monochrome
- Warm-up time: 35 seconds
- 1 Gigabit Ethernet & USB 2.0 (High-Speed)
- 667 MHz G4 processor
- 256 MB RAM (max 1 GB)
- 600 x 600 x 4 dpi Photo ART™ contone resolution
- Simitri™ polymerised toner
- Enhanced Automatic Image Density Control (eAIDC)
- Automatic ICC based colour matching
- PANTONE® colour tables
- Quick-view toner level indicator on LCD display
- At-a-glance paper gauge
- Pre-installed consumables & network card
- 500-sheet lower feeder + 100-sheet multi-purpose tray (up to 210 g/m<sup>2</sup>)
- Emperon controller
- PostScript 3 & PCL® 6 emulations
- Windows® / Mac® / Linux® compatible
- PageScope™ administration tools



magicolor® 5450: fully equipped

## Options

- Cabinet/stand for storage
- Hard disk

## Available in 3 configurations



magicolor® 5450:  
basic configuration



magicolor® 5450D:  
equipped with a duplexer



magicolor® 5450DX:  
incl. extra 500-sheet feeder and duplexer



KONICA MINOLTA

magicolor® 5450

## TECHNICAL DATA

### Printing process

Print method: electro photographic laser printing system  
Print speed colour: 25.6 ppm  
Print speed monochrome: 25.6 ppm  
First page out: 14.2 seconds  
Warm-up time: average 30 seconds or less  
Resolution: 600 x 600 x 4 Photo ART™ contone  
Duty cycle: 60,000 pages per month

### Hardware and software capabilities

Processor type: G4 PowerPC® 7447A, 667 MHz  
Memory: 256 MB RAM, upgradeable to 1 GB  
Printer emulations: PostScript 3, PCL® 5e/c/6, PDF 1.4 Command level (requires hard disk option), JPEG/TIFF Direct Print  
Colour support: enhanced Automatic Image Density Control (eAIDC), SWOP, commercial press, eurocolor, DIC, TOYO, PANTONE® Colour tables, ICC device profiles

### Typefaces

255 standard PostScript fonts, 93 PCL® scalable fonts, 54 symbol sets and 10 standard line printer fonts.

### Interface support

Fast Ethernet (10BaseT/100BaseTX/1000BaseT) supports TCP/IP, EtherTalk®, NetWare® IPX/SPX, NetBIOS/NetBEUI, IPP1.1, SNMP, HTTP, UDP, SMB and UPnP.  
USB 2.0 (High-Speed) 'Plug and Play' support, bidirectional IEEE 1284 parallel, camera direct<sup>3</sup> (via dedicated USB interface)

### Operating system compatibility

Windows®: server 2003 / XP (Home/Pro) / 2000 / NT 4.0 / ME / 98SE, Macintosh®: OS9 (9.1 or higher), OS X (10.2 or higher) Classic/Native/Server, Linux®: RedHat 9.0, Suse 8.2, Netware: 4/5/6

### Printer management

PageScope™ NetCare, PageScope™ Web Connection, PageScope™ Network Setup, PageScope™ Peer to Peer Printing Tool, PageScope™ EMS plug-in (Tivoli Netview Version 2.0, CA Unicenter Version 2.0, HP Open View, MMC), PageScope™ Web Jet Admin plug-in, PageScope™ Plug and Print, PageScope™ NDPS Gateway, SAP R3, HP open print, download manager, print monitor, status monitor

### Paper handling

Standard paper input: 500-sheet A4 lower feeder + 100-sheet multi-purpose tray  
Optional paper input: 500-sheet A4 lower paper feeder (max. 2); 1 Standard for DX model  
Paper output: 250-sheet face-down output tray  
Paper sizes supported:  
Multi-purpose tray: A4, A5, B5, letter, legal, J-Postcard, executive, Government letter/legal, folio (A4 plus), envelope C5/C6, envelope monarch, envelope DL, envelope COM10, double postcard, statement, UK Quarto, foolscap, letter plus, custom (92-216 mm x 148- 356 mm)  
Lower paper feeder: A4 / Letter  
Duplexer: A4, B5, letter, legal, Government Legal, executive, folio; Standard for D and DX model  
Printable area: 4mm from all edges  
Print media: plain paper (60-90 g/m<sup>2</sup>), thick paper 1 (91-150 g/m<sup>2</sup>), thick paper 2 (151-210 g/m<sup>2</sup>), recycled paper (60-90 g/m<sup>2</sup>), transparency, letterhead, envelope, labels, postcard, glossy paper

### Physical

Type: laser printer with internal controller  
Dimensions: (D) 520 mm x (W) 455 mm x (H) 440 mm for 5450 model;  
(D) 520 mm x (W) 480 mm x (H) 440 mm for D model;  
(D) 520 mm x (W) 480 mm x (H) 551.5 mm for DX model  
Weight: 31.0 kg without consumables; 43.0 kg shipped with consumables  
D model: 33.2 kg without consumables; 46.2 kg shipped with consumables  
DX model: 42.3 kg without consumables; 55.3 kg shipped with consumables

Dealer address

### Electrical

Power requirements: 220/240 VAC ±10%, 50/60 ±3% Hz (220-240V version)  
Power consumption: max 1250 W, average during printing 800W or less, standby <170 W  
Energy save: <42.9W, engine alone <10W  
Compliance: Energy Star<sup>2</sup>

### Environmental

Temperature requirements: 10° to 35°C (operating), 0° to 35° (non-operating)  
Humidity: 15% to 85% RH (operating), 10% to 85% RH (non-operating)  
Noise levels: <54dBA (printing), <39dBA (standby)

### Regulatory/Safety Conformity

UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, BAM (Blue Angel Mark)

### Consumables<sup>1</sup>

Printer ships with installed cyan, magenta, yellow and black toner cartridge (yield up to 3,000 pages) and waste toner box.  
Replacement toner cartridges:  
Standard: cyan, magenta yellow and black (yield up to 6,000 pages)  
High capacity: cyan, magenta, yellow and black (yield up to 12,000 pages).

### Warranty period and conditions

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

<sup>1</sup> The stated life expectancy of each consumable in the printer is based on printing under 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. For more information about toner life expectancy visit <http://printer.konicaminoltaeurope.com/tco>

<sup>2</sup> The addition of some options, in some combinations may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. For the latest information, please visit [printer.konicaminolta.com](http://printer.konicaminolta.com)

### Model Specific Features

A4 Print speed colour/monochrome:	Up to 25.6 ppm
Resolution:	Up to 600 x 600 x 4 dpi Photo ART™ contone
Memory (RAM):	Standard 256 MB (max 1 GB)
100-sheet multi-purpose tray:	Standard
500-sheet A4 lower feeder:	Standard
500-sheet A4 extra lower feeder:	Optional (up to 2) 1710578-100 1 Standard for D and DX model
Automatic duplex:	Optional 1710579-100 Standard for D and DX model
USB 2.0 (High-Speed) interface:	Standard
Ethernet 10BaseT/100BaseTX/1000BaseT:	Standard
PictBridge:	Standard
Internal hard disk:	Optional 2600763-100
Printer cabinet:	Optional 1710601-100

©2005 KONICA MINOLTA All rights reserved. Specifications are subject to change without notice. The KONICA MINOLTA logo, magicolor®, Emperon, Simitri™ and Photo ART™ are trademarks or registered trademarks of KONICA MINOLTA. All other trademarks or registered trademarks are the property of their respective owners.

Websites:  
[printer.konicaminolta.com](http://printer.konicaminolta.com)  
[www.q-shop.com](http://www.q-shop.com)

Part Number: 1730976-002



**Belgium and Luxembourg**  
Tel: (+32) 2 479 64 23  
Fax: (+32) 2 479 97 42

**France**  
Tel: (+33) 01 41 07 93 93  
Fax: (+33) 01 40 83 01 10

**Middle East**  
Tel: (+97) 1 4 335 2574  
Fax: (+97) 1 4 335 2573

**Spain**  
Tel: (+34) 91 327 73 00  
Fax: (+34) 91 327 09 00

**The Netherlands**  
Tel: (+31) 30 248 1200  
Fax: (+31) 30 248 1211

**For all other countries**  
Konica Minolta  
Printing Solutions  
Europe B.V.  
Tel: (+31) 30 248 1200

**Denmark**  
Tel: (+45) 72 21 21 21  
Fax: (+45) 72 21 21 22

**Germany and Austria**  
Tel: (+49) 89 63 02 67 0  
Fax: (+49) 89 63 02 67 67

**Norway**  
Tel: (+47) 2 27 89 800  
Fax: (+47) 2 27 89 850

**Sweden**  
Tel: (+46) 8 622 51 00  
Fax: (+46) 8 622 51 24

**United Kingdom and Ireland**  
Tel: (+44) 1784 442255  
Fax: (+44) 1784 461641

**Finland**  
Tel: (+358) 9 4 20 61  
Fax: (+358) 9 4 20 62 00

**Italy**  
Tel: (+39) 02 39 011 1  
Fax: (+39) 02 39 011 219

**Portugal**  
Tel: (+351) 219 42 89 00  
Fax: (+351) 219 42 89 09

**Switzerland**  
Tel: (+41) 43 322 90 20  
Fax: (+41) 43 322 90 29