



KONICA MINOLTA

magicolor® 5450

**Ultimate
compatibility**
with supreme power



REVOLUTION IN COLOUR PRINTING



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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 LCD, 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 graduations. 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/m² weight stock.

Direct Photo Print

The magicolor® 5450 lets you print photos direct from any PictBridge-compliant digital camera³. 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.





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magicolor® 5450 Quick Overview

Direct Photo Print

- PictBridge³ interface

Speed

- Single-pass PRISMLASER Technology™
- Colour: up to 25 ppm
- Monochrome: up to 25 ppm
- First page out: 14 seconds
- Warm-up time: 35 seconds
- 1 Gigabit Ethernet & USB 2.0 (High-Speed)
- 667 MHz G4 processor
- 256 MB RAM (max 1 GB)

Quality

- 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

Options

- Automatic duplexer for two-sided printing
- 500-sheet lower input feeder (add up to two)
- Cabinet/stand for storage
- Hard disk

Ease of use

- Intuitive LCD display
- Quick-view toner level indicator on LCD display
- At-a-glance paper level gauge
- 5 easy-to-replace consumables
- Pre-installed consumables & network card

Versatility

- 100-sheet multi-purpose tray (up to 210 g/m²)
- 500-sheet cassette (A4)
- Emperon controller
- PostScript 3 & PCL® 6 emulations
- Windows® / Mac® / Linux® compatible
- PageScope™ administration tools





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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 direct³ (via dedicated USB interface)

Operating system compatibility

Windows[®]: server 2003 / XP (Home/Pro) / 2000 / NT 4.0 / ME / 98SE, Macintosh[®]: OS9, 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)
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
Printable area: 4mm from all edges
Print media: plain paper (60-90 gm²), thick paper 1 (91-150 gm²), thick paper 2 (151-210 gm²), recycled paper (60-90 gm²), transparency, letterhead, envelope, labels, postcard, glossy paper

Physical

Type: laser printer with internal controller
Dimensions: (D) 520 mm x (W) 420 mm x (H) 420 mm
Weight: without consumables 30.0 kg; with consumables 37.0 kg; packaged to ship 43.0 kg

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 Star²

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

Consumables¹

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).

¹ 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>

² 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.

³ Please note that the PictBridge port of the magicolor® 5450 will not be functional at introduction. A free software update will be made available shortly for download on the Konica Minolta website.

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

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
Automatic duplex:	Optional	1710579-100
USB 2.0 (High-Speed) interface:	Standard	
Ethernet 10BaseT/100BaseTX/1000BaseT:	Standard	
PictBridge ³ :	Standard	
Internal hard disk:	Optional	2600763-100
Printer cabinet:	Optional	1710601-100

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