



KONICA MINOLTA

The essentials of imaging



magicolor 7450II

The versatile creative A3+ colour laser printer

Colour workgroup printer 25/25 ppm

magicolor 7450II



Outstanding **performance** designed for the **creative** sector

Incredible speed, cutting-edge technology and exceptional print quality – just a few words to summarise the magicolor 7450II A3+ colour laser printer. Designed for creative sector organisations and workgroups that want outstanding results from in-house printing whilst satisfying even the most demanding and budget-conscious user.



➔ **The high-performance creative solution with low running costs**

Sticking to your budget without compromising on professional quality is what makes the magicolor 7450II the ultimate creative printing solution. It allows you to print in-house documents instantly, customising and reprinting whenever required. Total document control, increased print security and significant time and cost savings are all valuable business benefits.

Lower costs do not mean you need to compromise on quality with the magicolor 7450II. Remarkable PhotoART-9600™ (600 x 600 x 4-bit contone resolution) technology delivers vibrant photo quality images for even the most demanding print jobs, creating a professional look and feel. Outstanding performance, incredible speed and total cost control bring you true value for money.

This clever printer is the perfect solution for in-house printing as it handles thick paper up to 256 gsm, and prints banners up to 1,200mm long. This incredible flexibility in media handling enables virtually limitless creative choice in colours, materials and formats.

Not only does the magicolor 7450II impress with print quality, it also delivers prints at an astonishing speed. Thanks to the powerful Emperon™ controller the processing is fast, virtually eliminating the time between sending the job from a computer and waiting for it to print.

➔ Great handling of a wide variety of printing requirements

Whether printing simple stationery, A3+ colour documents or complex banners up to 1.2 metres long, the magicolor 7450II will make light work of it. The first page is ready in just 10 seconds and the printer produces a rapid 25 colour or black and white A4 pages per minute, or 13 A3 pages. The PhotoART-9600™ (600 x 600 x 4-bit contone) resolution ensures consistently vivid colours with razor sharp graphics and text.

Flexibility is at the heart of the magicolor 7450II. With the ability to print on media up to 256 gsm (up to 210 gsm printing double-sided), professional-looking print quality is easy to achieve in-house for reports, leaflets, brochures and business stationery. Being able to produce outstanding quality whilst reducing the cost per page is a major advantage. High yield consumables also ensure less frequent replacing of toner cartridges.

➔ High print quality and durability

Simitri® is Konica Minolta's unique polymerised toner. With an extremely fine and uniform particle shape and diameter, it allows high quality digital images to be printed economically and with great precision. Combined with the magicolor 7450II's unique colour management system, fine lines and small detail are reproduced accurately, while photographs and images are rendered more naturally thanks to Simitri®'s ability to improve half-tones and sharpness. At the same time Simitri® toner provides more efficient coverage, so cost per page is lower.

➔ Superb compatibility and effortless processing

The magicolor 7450II's powerful Emperon™ controller enables print speed maximisation and total control. Being compatible with the main modern printing languages (PostScript® 3, PCL6), most operating systems and business or publishing applications; the magicolor 7450II offers optimum compatibility. You can even print photos straight from your digital camera. This degree of flexibility is guaranteed to bring new levels of efficiency to even the most fast-paced environments.





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Simitri



Technical specifications

Print process

Print method

Desktop full colour
A3 laser printer

Print speed A4

25 ppm colour
25 ppm monochrome

Print speed A3

13 ppm colour
13 ppm monochrome

First page out

11.5 seconds colour
9.5 seconds monochrome
(standard plain paper)

Warm-up time

99 seconds or less

Max. resolution

PhotoART 9600
(600 x 600 x 4 bit contone)

Duty cycle

120,000 pages per month

Hardware and software capabilities

Processor

Freescal PowerPC 7447A

@ 733MHz

Memory

256 MB standard, 1,024 MB max.

Hard disc ² (optional)

40 GB

CF card ¹

CF card slot standard,
CF card optional

Printer language

PostScript 3 (3016), PCL 6 (XL3.0)
PCL 5e/c

Direct print

PDF (Version 1.6), JPEG, TIFF

Printer management

PageScope® Net Care
PageScope® Web Connection
(embedded web server)
PageScope® Network Setup
PageScope® EMS Plug-in
PageScope® Plug and Print
PageScope® NDPS Gateway
PageScope® Direct Print

Colour simulations

SWOP, Commercial Press, Eurocolor,
DIC, TOYO Japan color, JMPA color,
SNAP, PANTONE® colour tables,
ICC device profiles

Fonts

137 standard PostScript fonts
93 PCL scalable fonts
51 symbol sets
10 standard line printer fonts

Interface support

10-/100-/1000-Base-T Ethernet
supports TCP/IP, EtherTalk, IPX/SPX,
NetBEUI, IPP 1.1, UDP, SNMP, HTTP,
HTTPS (for PS Web Connection only)
USB 2.0 (High-Speed)
PictBridge (Digital camera via
USB host)

Operating system compatibility

Windows®

2000, 2003, XP (32/64),
Vista (32/64)

Macintosh®

OS X (10.2, 10.3, 10.4, 10.5)

Linux

Redhat v9.0, SuSE v8.2

Netware

Netware 4, 5, 6 or later

Paper handling

Standard paper input

250 sheet multipurpose feeder
100 sheet multi manual feed tray

Standard paper output

350 sheet face down output tray

Optional paper handling

500-sheet lower paper feeder
(up to 3 units)

Printable area

4 mm right/left
4.2 mm top/bottom (A4)
2 mm from all edges (A3W)

Media sizes supported

A3, A3 Wide (311 x 457), A4, B5,
B5(ISO), A5, A6, B6, B4, D8K, Ledger,
Legal, Letter, G-Letter, Statement,
Executive, Folio, UK Quatro, Foolscap,
G-Legal, 4" x 6", 12" x 18", custom
(90–311 x 140–1,200 mm)

Envelope sizes supported

Com10, C5, C6, DL, Monarch

Banner sizes supported

210 x 458 to 297 x 1,200 mm

Media weights supported

Plain paper (64–90 gsm)
Thick paper 1 (91–150 gsm)
Thick paper 2 (151–209 gsm)
Thick paper 3 (210–256 gsm)

Duplexing support (optional)

A5–A3 Wide
64–256 gsm

Print media supported

Plain paper, thick paper, recycled
paper, transparency, letterhead,
envelope, glossy paper, labels

Physical

Dimensions (D x W x H mm)

648 mm x 606 mm x 477 mm

Weight

51 kg without consumables
78 kg packaged to ship

Electrical

Input voltage range

220 V ~ 240 V (± 10%)

Frequency

50 ~ 60 Hz (± 3 %)

Power consumption

Max. 1,450 W or less
Average during printing 750 W or less
Standby 130 W or less
Energy saving 28 W or less

Environmental

Temperature

10 ~ 35°C

Humidity

15% to 85 %

Noise levels

52 dB or less (A) (printing),
40 dB or less (A) (standby)

Regulatory/Safety conformity

Doc, CE Marking, GS, EMC, WEEE,
EcoMark

Consumables

Pre-installed

Toner

CYM – yield up to 3,000 pages

Imaging Unit

CYM – yield up to 30,000 pages
K – yield up to 50,000 pages

Replacements

Toner

CYM – yield up to 12,000 pages

K – yield up to 15,000 pages

Imaging Unit

CYM – yield up to 30,000 pages

K – yield up to 50,000 pages

Waste toner bottle

Yield up to 18,000 pages

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

Pick roller

Yield up to 200,000 pages

Warranty period and conditions

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

¹ CF card enables: direct print, storing of fonts/overlays/profiles/macro

² Hard disc enables: secure print, print & hold, proof & print, job storing, collating, accounting 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 printing speeds refer to A4-size paper that is printed 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.
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