



KONICA MINOLTA

The essentials of imaging



magicolor 7450II

Your creative power partner

Colour workgroup printer 25/25 ppm

magicolor 7450II




Creativity and power: an effective combination

Take advantage of outstanding quality colour printouts with the magicolor 7450II, a top-performance A3+ printer designed for workgroups in the creative sector that frequently use colour for in-house printing while wanting to keep an eye on costs. Cutting edge technology produces superb images with minimum intervention and remarkable speed, while excellent performance and ease of use allow for unlimited creativity and bring new levels of efficiency to demanding network environments.



➔ High-performance, low-cost solution for the creative market

Sticking to your budget without compromising on professional quality is what makes the magicolor 7450II the ultimate printer for people in the creative industry. It allows you to produce in-house prints instantly, customize and reprint swiftly, when revisions are needed. Total document flexibility, increased print security as well as both time and printing costs savings are valuable business benefits.



Lower costs don't mean you need to compromise on quality with the magicolor 7450II. Remarkable PhotoART 9600 (600 x 600 x 4-bit contone) technology delivers vibrant photo quality images for demanding colour prints, providing a close-to-professional look and feel. High-performance, incredible speed and total cost control bring you true value for money.

This clever device is a perfect solution for in-house printing as it handles media types of up to 256 gsm paper including banners up to 1200 mm. Its flexibility allows you to unleash your full creativity and choose the right colours, materials and formats for that custom and distinctive look. Not only does it impress with vivid colours, but also with the speed it delivers the goods. Thanks to the Emperon™ controller, the magicolor 7450II processes documents at an incredible speed, virtually eliminating the time between sending a job from your computer and waiting for it to print.

➔ Handling the complete range of printing scenarios

Whether it's about printing simple stationery, colour A3+ printouts or complex banners up to 1.2 metres long, it's child's play with the magicolor 7450II. The first page will be ready in just 10 seconds and the unit will continue to produce 25 colour or monochrome A4 or 13 A3 pages. All the while, PhotoART 9600 (600 x 600 x 4-bit contone) resolution provides colours that are consistently vivid and true, 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 and with up to 210 gsm duplex printing, professional standard in-house reports, leaflets, brochures as well as high-quality print-outs for proofing can all be easily produced. Keeping the quality at an outstanding level and pressing down the cost per page is a major benefit. High-yield consumables assure that you won't be replacing toner cartridges frequently.

➔ 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 characters all reproduce beautifully, while photographs and illustrations are rendered more naturally thanks to Simitri®'s ability to improve half-tones. The size and shape of the toner particles allow for enlarged colour space and improved print sharpness. At the same time, Simitri® provides more efficient coverage, so cost per page is lower.

➔ Rely on supreme compatibility and effortless processing

Enjoy the power of the magicolor 7450II's Emperon™ system architecture which offers you total control and print speed maximisation. Benefit from smooth compatibility with dominant printing languages (PostScript® 3™, PCL® 6), operating systems and business applications. Take advantage of effortless document processing from virtually any office, design or publishing application. Print photos straight from your digital camera. All of these combined bring new levels of efficiency to challenging networks.





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Simitri



Technical specifications

Print process

Print method
Desktop tandem full colour
A3 laser beam 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
Freescape 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 emulations
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
CYMK – yield up 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

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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