



KONICA MINOLTA

The essentials of imaging



magicolor 7450II

The **versatile creative** A3+ colour laser printer

Incredible speed, cutting-edge technology and exceptional print quality – just a few words to summarise the magicolor 7450II workgroup A3+ colour laser printer. Designed for creative sector organisations and workgroups that want outstanding results from in-house printing, but versatile enough to handle the diverse requirements of different departments, the magicolor 7450II is the ideal choice for any creative sector organisation.

- Efficient printing** – The magicolor 7450II offers impressive printing speeds with a mere 10 seconds to deliver the first page, and up to 25 colour or black and white A4 pages per minute, or up to 13 pages per minute in A3. The powerful Emperon™ controller maximises document processing, reducing print time dramatically.
- Exceptional print quality** – Simitri® polymerised toner produces consistently high quality prints with vivid colours and accurate fine lines in even the smallest detail, with excellent PhotoART-9600™ contone resolution (600 x 600 dpi x 4-bit). Another benefit of Simitri® toner is its increased resistance to UV light, producing prints that are impressively long lasting. The magicolor 7450II also offers comprehensive colour management options, such as Pantone® colour tables, RGB source profiles and custom profiles.
- Impressive media options** – Flexibility in paper thickness from 64 gsm to 256 gsm, and in size from A6 to A3+ (plus custom sizes, for example banners up to 297 x 1,200mm) offer virtually unlimited printing options. In addition to increased creative possibilities, the magicolor 7450II enables printing many business documents in-house: business cards, envelopes, letterheads, labels, presentations and point-of-sale materials.
- Enhanced security and job accounting** – Total privacy is ensured with the Secure Printing option: by entering an alphanumeric code to release the document at the printer means sensitive documents remain private. Job accounting is also made easy when different users or departments can be issued their own alphanumeric codes.
- Powerful management** – The PageScope® Suite Management Tools provide up-to-date operations data, enabling effortless tracking of printer status, errors and consumables. Remote configuration and monitoring bring even greater flexibility and a convenient all-in-one consumables cartridge makes routine maintenance easy.



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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

Freescale 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

Network

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 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

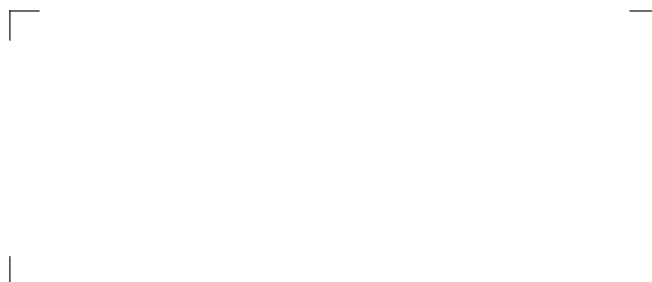
² Hard disc enables: secure print, print & hold, proof & print, job storing, collating, accounting in addition to all extra functions with CF card

- 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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