



KONICA MINOLTA

The essentials of imaging



# magicolor 7450

Your **creative power** partner

The magicolor 7450 is a top-performance A3+ printer designed for workgroups in the creative sector that have the need for colour in-house printing while wanting to keep an eye on costs. It produces superb images with minimum intervention and remarkable speed, satisfying even the most demanding and budget-conscious users.

- **Remarkable speed** – magicolor 7450 takes merely 10 seconds to deliver the first page. Expect up to 25 colour or monochrome A4 pages or 13 astonishing A3 pages per minute. Additionally, Emperon™ controller maximises document processing, bringing print time down significantly.
- **Control is key** – The latest technology allows you to reduce time and printing costs and maintain professional quality, ensuring total control of your budget. Simitri™ polymerised toner enables economical printing of high quality images thanks to a unique colour management system
- **Diversity and security of printing** – Alphanumeric code entry before printing start and one upon collection ensures total privacy when needed. Flexibility in paper quality (up to 256 g/m<sup>2</sup>) and size (A3 or custom, e.g. 140-1200 mm) offers unlimited diversity and creativity.
- **Complete compatibility** – Microsoft Vista™ ready, compatibility with main printing languages, operating systems and business applications make magicolor 7450 ready for the latest in document processing.
- **Powerful management** – PageScope® Suite Management tools provide you up-to-date operations data so that you are on track all the time. It also gives the possibility of remote configuration and monitoring, allowing for greater flexibility. All-in-one consumables cartridge simplifies the whole process additionally.
- **Brilliant images** – PhotoART 9600 (600 x 600 x 4-bit contone) technology guarantees excellent images of vivid and vibrant colours. Simitri™ polymerised toner guarantees accuracy of reproduction to the smallest detail, thanks to extremely fine particle shape and diameter. The incorporated CF card stores profiles for fonts, forms, overlays and colour, ensuring a perfect colour match.
- **Instant/Direct access** – Forget about the PC for a moment and print pictures directly via PictBridge compatible camera (supports TIFF and JPEG formats).

magicolor 7450 

Colour workgroup printer 25/25 ppm

# Technical specifications, magicolor 7450

## Print process

**Print method:**  
tandem full colour A3 laser beam

**Print speed:**  
25 ppm (A4), 13 ppm (A3)

**First page out:**  
9.5 seconds monochrome,  
11.5 seconds colour

**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 type:**  
733 MHz

**Memory:**  
256 MB (max. 1024 MB)

**Printer emulations:**  
PostScript 3, PCL 6, PCL 5 e/c,  
PCL XL2

**Direct print:**  
PDF (version 1.4), JPEG, TIFF  
(hard disk or CF card option required)

**Printer management:**  
PageScope® NetCare, PageScope®  
Web Connection, PageScope®  
Network setup, PageScope® Peer  
to Peer Printing Tool, PageScope®  
EMS plug-in, PageScope® Web Jet  
Admin plug-in, PageScope® Plug and  
Print, PageScope® NDPS Gateway,  
PageScope® Direct Print, Download  
manager and Status monitor.

**Hard disk kit (HDD):**<sup>2</sup>  
optional

## Fonts

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

## Interface support

Gigabit (10BaseT / 100BaseTX /  
1000BaseT) Ethernet, supports TCP/IP,  
EtherTalk, IPX/SPX, NetBIOS, IPP 1.1,  
SNMP, SMB, HTTP, HTTPS (for  
PageScope® Web Connection only)  
Bidirectional IEEE 1284 parallel and  
USB 2.0 (High-Speed), PictBridge  
(Digital Camera via Host USB)

## Operating system compatibility

**Windows®:**  
Vista™, Server 2003, XP (Home/Pro),  
2000, NT 4.0, ME, 98SE

**Macintosh®:**  
OS X 10.2 (or higher),  
OS 9.1 (or higher)

**Linux®:**  
RedHat v9.0, SuSe v8.2

**Netware®:**  
Netware 4/5/6

## Paper handling

**Standard paper input:**  
250-sheet cassette and 100-sheet  
multipurpose tray

**Standard paper output:**  
350-sheet paper down

**Optional paper handling:**  
500-sheet lower paper feeder  
(max. 3)

**Media sizes supported:**  
A3, A3 Wide, A4, B5, B5 (ISO), A5,  
A6, B6, B4, D8K, ledger, legal, letter,  
G-letter, statement, executive, folio,  
UK Quarto, Foolscap, G-Legal, 4"x6",  
12"x18", custom (90-311 \* 140-  
1200 mm)

**Envelope sizes supported:**  
Com10, C5, C6, DL, monarch,  
Japanese postcard, double postcard

**Duplexer<sup>1</sup> sizes supported:**  
A3, A3 Wide, A4, A5, B5, 12"x18",  
executive, letter, G-letter, folio, Legal,  
G-legal, statement, UK Quarto,  
foolscap, SP folio

**Printable area:**  
4 mm from right/left edge,  
4.2 mm from top/bottom edge (A4);  
2 mm from all edges (A3 wide)

**Paper weights:**  
64-90 g/m<sup>2</sup> from all trays,  
64-256 g/m<sup>2</sup> from first cassette and  
multipurpose tray,  
64-210 g/m<sup>2</sup> duplex<sup>1</sup>

**Print media:**  
plain paper (64-90 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>),  
thick paper 3, (211-256 g/m<sup>2</sup>),  
recycled paper (64-90 g/m<sup>2</sup>),  
transparency, letterhead, envelope,  
labels, postcard, glossy paper

## Physical

**Dimensions:**  
(D) 606 mm x (W) 648 mm  
x (H) 477 mm

**Weight:**  
without consumables 51 kg, approx.  
80 kg shipped with consumables

## Electrical

**Input voltage range:**  
220 V ~ 240 V (± 10 %)

**Frequency:**  
50 ~ 60 Hz (± 3 Hz)

**Power consumption:**  
max 1450 W,  
average during printing 700 W or less,  
standby 120 W or less

**Energy save:**  
28 W or less

## Environmental

**Temperature requirements:**  
10 °C ~ 35 °C (operating)

**Humidity:**  
15 % ~ 85 % RH (operating)

**Noise levels:**  
52 dB or less (printing),  
40 dB or less (standby)

## Regulatory/Safety Conformity

UL, cUL, FCC-B, DOC, VCCI, CE  
Marking, GS, C-Tick, CDRH

## Consumables<sup>4</sup>

**Pre-installed:**  
cyan, magenta, yellow and black  
toner – yield up to 3,000 pages  
cyan, magenta and yellow imaging  
unit – yield up to 30,000 pages,  
black imaging unit - yield up to  
50,000 pages

**Replacement:**  
cyan, magenta and yellow toner –  
yield up to 12,000 pages, black toner  
– yield up to 15,000 pages  
cyan, magenta and yellow imaging  
unit – yield up to 30,000 pages,  
black imaging unit - yield up to  
50,000 pages

Waste toner box - yield up to  
18,000 pages

## Maintenance parts

Fuser Unit:  
yield up to 120,000 pages  
Transfer Kit:  
yield up to 120,000 pages  
Transfer Roller:  
yield up to 120,000 pages

## Warranty period and conditions

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



<sup>1</sup> Duplexer supports plain paper only.

<sup>2</sup> CF card enables storing fonts/forms/overlays/colour-profiles, direct printing (PDF, TIFF and JPEG), Collating, Job Accounting, and User/Department authentication. Optional hard disk kit enables Secure printing, Proof-then-Print, Print & Hold, Job storing and Collating in addition to all extra functions with CF card.

<sup>3</sup> The addition of some options, in some combinations may cause the product to become non-compliant. Establishment of new regulations 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 [www.konicaminolta.eu](http://www.konicaminolta.eu).

<sup>4</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>5</sup> Image quality is not guaranteed when thick paper 3 is used.

©2007 KONICA MINOLTA all rights reserved. Specifications are subject to change without notice. The KONICA MINOLTA logo, magicolor, Emperon and Simitri, PhotoART 9600 are trademarks of KONICA MINOLTA. All other trademarks or registered trademarks are the property of their respective owners.

[www.konicaminolta.eu](http://www.konicaminolta.eu)