KONICA MINOLTA

magicolor 7450II GA

Your **professional** for graphic design

The new magicolor 7450II GA is especially designed for graphic arts environments. Vibrant, photorealistic colour quality is essential for professionals in this business – whether they are designers, graphic artists or responsible for the artwork in advertising agencies. With the magicolor 7450II GA, Konica Minolta introduces a top-performance A3+ colour and b/w printer designed especially for the creative sector.

■ With its single-pass tandem engine the magicolor 7450II GA delivers fast 25 A4 or 13 A3 prints per minute in colour or black and white. Powerful performance is ensured thanks to the unique Emperon controller with fast 733MHz. The magicolor 7450II GA is equipped with 768 MB (optional max. 1,024 MB) RAM, a 40 GB hard disk and a 1 GB network connection for fast throughput of jobs from the PC or Mac.

■ The magicolor 7450II GA impresses with its quality-enhancing technologies: Four dual-beam lasers ensure highest precision and stability in image writing. Thanks to 9600 PhotoART it prints with 4bit contone, achieving an amazing 4,096 colours per dot. True colour mixing is thus available, with smooth gradations and less visible raster.

■ Graphic artists and design studios will appreciate the high degree of control over any colour workflow, the accurate colour reproduction and the wide range of simulations, including for example proofing for offset production. ICM (Windows) and ColorSync (Apple) are supported, as well as ICC workflows for press simulations. In addition, RGB source profiles, simulation profiles and magicolor 7450II GA specific Pantone ® colour tables are available, and custom profiles can be uploaded.

■ The extremely fine and uniform particles of Simitri ®, Konica Minolta's unique polymerised toner, ensure that high quality digital images are printed with great precision and yet economical and environmentally friendly.

■ The magicolor 7450II GA offers versatility with regard to size, processing formats from A6 to A3+ (311 x 457 mm) as well as banners of up to 297 x 1200 mm. With paper weights ranging from 64 to 256 gsm the magicolor 7450II GA is perfectly suitable for the production of artwork and layouts for customer presentation folders.

magicolor 7450II GA

Colour printer 25/25 ppm

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
freescale PowerPC7447A
@ 733MHz

Memory
768 MB standard, 1,024 MB max.

Hard disc (HDD)
40 GB standard

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

Direct Print
PDF (Version 1.6), JPEG, TIFF

Printer Management
PageScope® NetCare
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, XP (32/64), Vista (32/64),
7 (32/64), Server 2000,
Server 2003 (32/64),
Server 2008 (32/64)

Macintosh®
OS X (10.2, 10.3, 10.4, 10.5, 10.6)

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 (311x457), 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 140–1,200mm)

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, transperency, 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
Enery 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

Warranty period and conditions
1 year on-site warranty
(within EU; local law applies)

- 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 crosswise 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. Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
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