



KONICA MINOLTA

The essentials of imaging



# magicolor 1600W

The compact and reliable A4 colour printer

Colour printer 5/20 ppm

magicolor 1600W



## Perfect for **students** and the **home office**

Konica Minolta's new personal colour laser printer is the ideal choice for the budget-conscious, or where space is limited. Reliable and durable with a stylish design and a compact build, the magicolor 1600W is an attractive addition to your workspace – however small that is. Easy to use, quiet, economical, flexible and eco-friendly, the magicolor 1600W has so much to offer that you will soon wonder how you ever managed without it.



magicolor 1600W

The magicolor 1600W reliably delivers five colour or 20 black and white pages per minute. It benefits from an efficient high-quality toner system that means low colour printing costs, with free toner recycling available. Thanks to its low acoustic noise the magicolor 1600W is also comfortable to work with.

## → Great ease of use

The magicolor 1600W is ready to print as soon as you take it out of its box – it literally is as simple as that. Operation is easy and intuitive via the clearly arranged operator panel with LED display and the self-explanatory buttons. The magicolor 1600W has convenient access from the front, so replacing consumables is straightforward.

## → Superb quality

With a superior resolution of 1200 x 600 dpi, the magicolor 1600W delivers great print results every time. Simitri® HD polymerised toner enhances the print quality with vivid colours and fine lines in even the tiniest detail. Another benefit of Simitri® HD toner is its increased resistance to UV light, producing prints that are impressively long-lasting.

## → Impressive flexibility

Save time and money by producing all your documents in-house on the magicolor 1600W. It effortlessly handles stationery, envelopes, business cards, colourful presentations and more. Create special effects with the **poster function**, enlarging images onto 4, 9, 16 or even 25 A4-sheets, or **downsize documents** by combining up to 16 pages on a single sheet. The magicolor 1600W's flexible paper handling can process A5 and A4 sizes, and paper weights between 60 gsm and 209 gsm, as well as a wide range of special paper types, including photo paper, recycled paper, postcards, labels, envelopes and thick paper up to 209 gsm.



## → The environmentally responsible choice

Konica Minolta takes the responsibility towards the environment seriously. With Simitri® HD toner the magicolor 1600W's fusing temperature is much lower, saving up to 15 % energy. Emissions of CO<sub>2</sub>, NO<sub>2</sub> and SO<sub>2</sub> during production of this polymerised toner are 40 % lower than conventional pulverised toners. In addition, Konica Minolta's efficient Clean Planet Program gives you the opportunity to recycle used toners completely free of charge and ensures that 99 % of the cartridge is recycled. Returning the cartridges is quick, easy and free.





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**Simitri HD**  
High Definition Polymerised Toner



## Technical specifications

### Print process

**Print method**  
Desktop full colour A4 laser printer  
**Print speed**  
Up to 20 ppm monochrome  
Up to 5 ppm colour

**First page out**  
11 seconds monochrome  
20 seconds colour

**Warm-up time**  
Average 30 seconds

**Max. resolution**  
1,200 x 600 dpi x 1 bit

**Monthly print volume**  
300 pages per month (average)

### Hardware and software capabilities

**Memory**  
16 MB standard

**Interface support**  
USB 2.0

### Operating system compatibility

**Windows**  
2000, Server 2003 (32/64),  
XP (32/64), Vista (32/64)

### Paper handling

**Standard paper input**  
200 sheet multi manual tray

**Standard paper output**  
100 sheet face down output tray

**Printable area**  
Approx. 4 mm from all edges

**Media sizes supported**  
A4, A5, letter, legal, envelope C6,  
envelope DL, B5, custom size  
92–216 x 184–356 mm

**Paper weights**  
Plain paper (60–90 gsm)  
Recycled paper (60–90 gsm)  
Thick paper 1 (91–163 gsm)  
Thick paper 2 (164–209 gsm)

**Print media**  
Plain paper, recycled paper,  
envelope, labels, postcard,  
thick paper, letterhead

**Physical**  
**Dimensions (W x D x H mm)**  
396 mm x 380 mm x 275 mm

**Weight**  
15.1 kg with consumables

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

**Frequency**  
50 ~ 60 Hz (± 3 %)

**Power consumption**  
400 W or less  
(average colour printing)  
440 W or less  
(average monochrome printing)  
140 W or less  
(stand by)  
14 W or less  
(energy save mode)

### Environmental

**Temperature**  
10 ~ 35 °C

**Humidity**  
15 ~ 85 % RH

**Noise levels**  
49 dB or less operating colour  
50 dB or less operating monochrome  
29 dB or less stand by

### Regulatory/Safety conformity

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

### Consumables

**Pre-installed**  
Toner:  
Cyan, magenta, yellow and black  
toner yield up to 500 pages  
Imaging unit  
(waste toner bottle included):  
Black yield up to 45,000 pages  
Cyan, magenta and yellow yield up  
to 11,250 pages

### Replacements

Toner:  
Standard: Cyan, magenta and  
yellow toner yield up to 1,500  
pages  
High capacity: Cyan, magenta,  
yellow and black toner yield up  
to 2,500 pages  
Imaging unit  
(waste toner bottle included):  
Black yield up to 45,000 pages  
Cyan, magenta and yellow yield up  
to 11,250 pages

### Maintenance parts

**Fuser unit**  
Yield up to 50,000 sheets

**2nd transfer unit**  
Yield up to 50,000 sheets

### 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 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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