



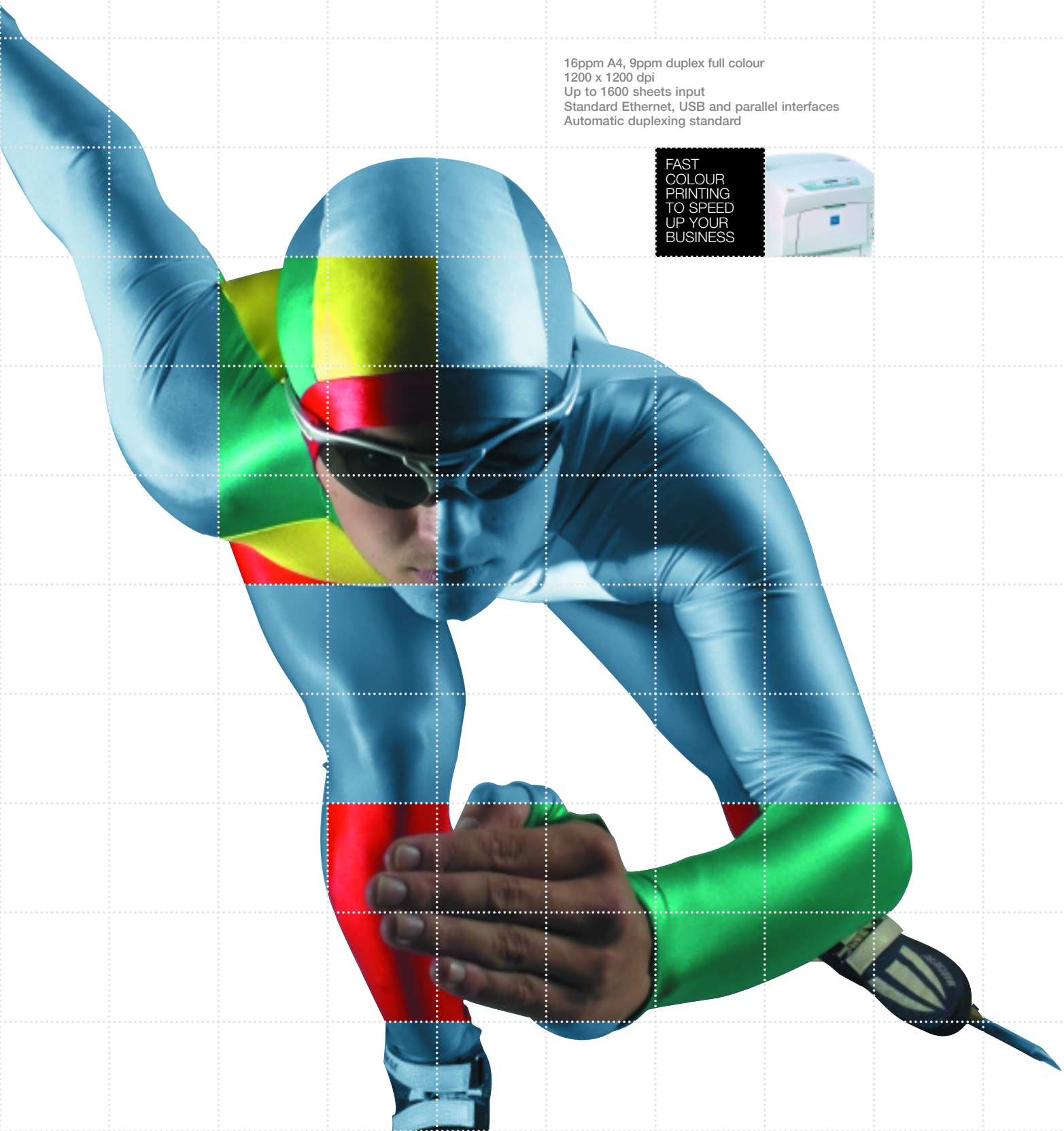
KONICA MINOLTA



# magicolor 3100

16ppm A4, 9ppm duplex full colour  
1200 x 1200 dpi  
Up to 1600 sheets input  
Standard Ethernet, USB and parallel interfaces  
Automatic duplexing standard

FAST  
COLOUR  
PRINTING  
TO SPEED  
UP YOUR  
BUSINESS





## Colour beyond the limit

The magicolor 3100 is a tandem colour laser printer built to outperform black and white. It can print up to 16 ppm in both full colour and monochrome, making it one of the fastest desktop colour lasers yet.

The magicolor 3100's performance is the result of an innovative print method called PRISMLASER Technology™ that guarantees speed and precision. Performance aside, the magicolor 3100 has everything a business needs for peak production.

These features include built-in networking, automatic colour control, and some of the most useful self-help tools to guide users through every step of the printing process.

### Performance a Step Ahead

PRISMLASER Technology™ allows the printer to print all 4 colours Cyan, Magenta, Yellow and Black at the same time, mixing these to make 16.7 million colours available for printing. Because the image is prepared for printing in a single unit, problems aligning the cyan, magenta, yellow and black dots have been overcome, even at very high speeds. The result is that the magicolor 3100 consistently produces 16 full colour laser quality prints a minute.

## BASICS

### Print speed

16 ppm A4,  
10 ppm duplex

### Control Panel

Easy to operate control panel

### Duplexer

Automatic double-sided printing saving paper and increasing printing flexibility

### Consumables

Easy to replace, high capacity toner cartridges

### Compatibility

Windows 95/98/Me/NT4/2000/XP,  
Linux, Macintosh

### Memory

256 Mb RAM upgradeable to 512 Mb

### Paper Size & Input

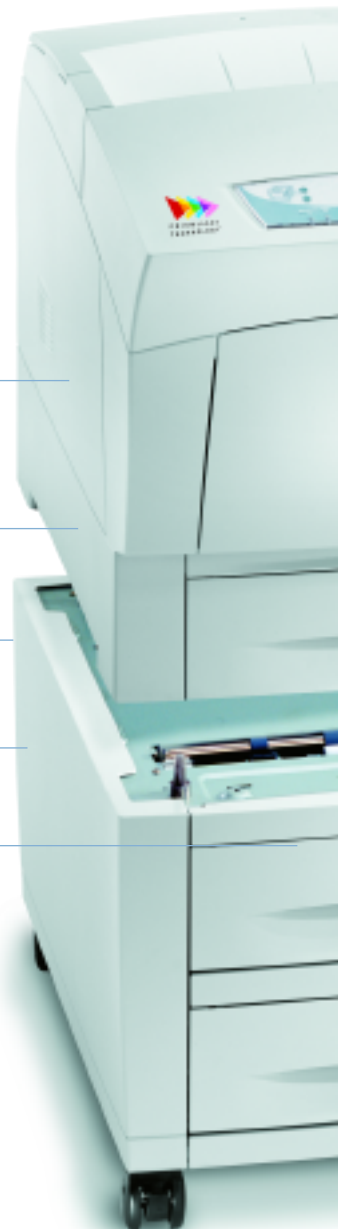
A4: 2 standard input trays of 500 sheet feeder & 100 (multipurpose) up to 216 g/m<sup>2</sup>

### Printer Emulations

PostScript level 3, PCL6 emulations,  
PDF (with optional Hard disk) and HP-GL

### Interfaces

Ethernet (10/100BaseTX)  
Parallel 'Plug and Play' compatible



# The colour laser printer that speeds up your business.



## OPTIONS

### Service options

Konica Minolta sets exceptional standards of customer care and service, we offer free technical hot-line support and simple, flexible and comprehensive service options.

### Hard Disk drive

Used for forms storage, job spooling, PDF printing (v1.3), accounting, virtual memory and collation.

### High Capacity Input Feeder

High Capacity Input Feeder with 1000 (2 x 500) A4 sheets capacity, which makes the printer floor standing.

### Printer cabinet

A printer cabinet is available to make as an alternative to the High Capacity input Feeder making the printer floor standing and providing storage space.

## Better print quality with Microfine toner

Microfine PhysicoChemical Toner a special Microfine Toner has been developed for the magicolor 3100 printer. The toner has special properties which reduce toner wastage and minimise printer cleaning requirements. The low fusing temperature toner combines with special chemical developer embedded in the PRISMLASER to ensure the best high speed print quality while dramatically reducing the printers power consumption.

### Customise to your needs

The magicolor 3100 comes with a suite of Konica Minolta PageScope management software making it simple to manage, install and configure your printer on a network, and seamless integration with mainstream enterprise management systems. For more details visit <http://printer.konicaminoltaeurope.com/Pagescope>

### Customise to your needs

The magicolor 3100 also has low cost options to increase the printer's paper capacity, add copying functionality and enhance performance. Full details of these options, service and consumable can be found at <http://printer.konicaminoltaeurope.com/configurator/> with current list pricing.





KONICA MINOLTA

magicolor 3100

## TECHNICAL DATA



### Printing Process

Print Method: Electrophotographic tandem laser  
Print Speed (simplex): Up to 16 ppm monochrome and colour  
Print Speed (duplex): Up to 5 ppm monochrome and colour (10 faces/minute)  
First Print Output Time: 17 seconds  
Resolution: 1200 x 1200 dpi  
Maximum Duty Cycle: Up to 60,000 pages per month

### Hardware and Software Capabilities

Processor Type: QED 7065a R5000 RISC Processor, 350 MHz 64-Bit  
Memory: 256 MB. Upgradeable to 384 MB RAM  
Internal IDE Hard Disk (optional): Used for fonts and forms storage, jobspooling, accounting, and expanded virtual memory – up to 2.2 GB supported

### Printer Emulations

Standard: PostScript™ Level 3, PCL® 6, PCL® 5/GL2 PDF, HP®-GL, Line printer Optional: CGM, L303™ Plus, ImageServer® supports bi-level CCITT Group 3 and 4 compressed TIFF and CALS Raster, PostScript™ Level 2/CCITT, and high-performance Group 3 and Group 4, monochrome only  
Colour Support: QCOLOR™ automatic colour correction; SWOP, Eurocolour, Commercial press simulations; Built-in Colour Rendering Dictionaries; PANTONE® Colour tables; ICC-compliant profiles for ColourSync and ICM; Automatic Image Calibration

### Typefaces

137 resident PostScript® fonts; 46 PCL® fonts; 40 HP® GL fonts

### Interface Support

Simultaneous Interface Operation: All inter faces receive data simultaneously  
Standard Interfaces: CrownNet® for Ethernet (10BaseT/100BaseTX); supports NetWare® IPX/SPX; IPP; TCP/IP; EtherTalk®; OS/2 LAN Manager/LAN Server NetBEUI/NetBIOS; Windows® 95/98/Me/NT/2000/XP NetBEUI/NetBIOS Bidirectional IEEE 1284 parallel; supports Microsoft® 'Plug and Play' USB: supports Windows 98/Me/2000/XP

### Operating System Compatibility:

Windows 95/98/Me/NT4/2000/XP, Linux, Mac OS9x, OSX

### Model Specific Features

Features	magicolor® 3100
Print Speed – Colour/Monochrome	A4 up to 16ppm
Resolution	600 x 600 dpi Up to 1200 x 1200 dpi
Memory (RAM)	256 MB (max. 512)
100 Sheet Multi-Purpose Feeder (A4)	•
500 Lower Feeder Unit (A4)	•
Automatic Duplexing	•
10BaseT/100BaseTX Ethernet	•
IEEE 1284 Parallel Interface	•
Printer Cabinet	* 1710557-001
Scanner Stand	* 1710558-001
Scancopy sc-215	* 1710515-100
Automatic document feeder	* 1710374-100
1000 sheet (2 x 500) High Capacity input Feeder	* 1710554-001
Internal hard drive	* 2600691-100
Time of day clock	* 2600515-100

\* Optional • Standard

### Paper Handling

Standard Paper Input: 500-sheet cassette, 100-sheet multipurpose tray  
Optional Paper Input: 1,000-sheet high-capacity input feeder (2x 500 sheets)  
Paper Output: 250-sheet face-down output bin  
Duplexing: (standard) automatic  
Printable Area: 4 mm from all edges  
Maximum printable area: 207.9 x 347.6 mm  
Print Media: Plain paper, transparencies, laser-quality labels, glossy stock, thick stock, postcards, envelopes. Duplexing on plain paper only  
Paper Weights: Plain paper: Bond 60 to 85 g/m² Thick stock: up to 216 g/m² (80 lb. Cover/110 lb. Index)  
Paper Sizes Support:  
Standard cassette: Letter, A4, Legal, Executive, A5, B5 (JIS), Folio  
Multipurpose tray: Letter, A4, Legal, Executive, Statement, A5, B5 (JIS), B5 (ISO), Folio; Com10, DL, Monarch, C5, and C6 envelopes, Japanese postcards, Custom paper size.  
High-capacity feeder (optional): Letter, A4, Legal, Executive, A5, B5 (JIS), Folio

### Physical

Type: Laser printer with internal controller  
Dimensions (W x D x H): 439 x 638 x 445 mm  
Weight: without consumables; 29.2 kg; with consumables: 34.9 kg; as shipped: 46 kg

### Electrical

Power Requirements:  
100V/120V Models: 90-140 VAC, 50/60 Hz, ± 3%  
220V/240V Model: 198-264 VAC, 50/60 Hz, ± 3%  
Power Consumption: maximum 850 W  
Standby: 180W or less  
Energy Star® Compliant – 45W or less

### Environmental

Temperature Requirements:  
Operating: 5° C to 32° C (41° C to 89.6° C)  
Non-Operating: -20° C to 40° C (-2° C to 104° C)  
Humidity: Operating: 15 to 85% RH, non-condensing  
Non-Operating: 5 to 85% RH, non-condensing  
Noise Level: Operating: <55 dBA; Standby: <35 dBA

### Regulatory/Safety Conformity

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

### Consumables\*

A complete set of consumables is included with the magicolor 3100  
Monocomponent toner cartridges: Black toner yields: up to 8,500 pages @ 5% coverage; cyan, magenta, yellow toners yield: up to 6,000 pages @ 5% coverage. Other supplies: Transfer unit: up to 25,000 prints; Imaging unit: up to 30,000 prints; Fuser kit: up to 100,000; Maintenance kit 300,000.

### Warranty Period and Conditions

1 year on-site warranty (within EU)

Extended Warranty	magicolor® 3100
1 year on-site warranty	1760410-001

\* The stated life expectancy of each consumable in your 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.

\* The addition of some options, in some combinations may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

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