

Technical specifications, magicolor 8650DN



Print process Print method: tandem full colour A3 laser beam Print speed A4: 35 ppm colour, 35 ppm monochrome Print speed A3: 17.7 ppm colour, 17.7 ppm monochrome First page out: 8.5 seconds colour, 5.9 seconds monochrome Warm-up time: 75 seconds or less Max. resolution: PhotoART 19200 (600 x 600 x 5-bit contone) Duty cycle: up to 150,000 pages per month Hardware and software capabilities Processor type: PowerPC® MC7447 @ 1 GHz, 64 BIT Memory: 1,024 MB Printer emulations: XPS, PostScript® 3, PCL®6c (PCL®5c + XL3.0) Direct print: PCL, PS, TIFF, JPEG, XPS, PDF (version 1.6) and Encrypted PDF files Printer management: PageScope NetCare, PageScope Data Administrator, Direct Print Utility, Print Status Notifier, Log Management Utility, Driver Packaging Utility Colour simulations: SWOP, Commercial Press, Eurocolor, DIC, TOYO, Japan color, JMPA color, SNAP, PANTONE® Colour tables,	ICC device profiles CF card slot: standard Hard disk kit (HDD)¹: 60 GB optional Fonts 137x PostScript 3 emulation Latin fonts, 80x PCL Latin fonts Interface support Ethernet 10Base-T / 100Base-TX / 1000Base-T (supports TCP/IP, IPX/ SPX, NetBEUI, AppleTalk (EtherTalk), SMB, LPD, IPP1.1, SNMP, HTTP, IPv6) USB 2.0 Operating system compatibility Windows®: 2000/XP/XP64/VISTA 32/64 Macintosh®: OS9.2 / OSX 10.2,3,4 / OSX 10.4 (Intel version) Netware®: Netware 4/5/6 Paper handling Standard paper input: 2x500-sheet, 150 sheets manual feed tray Standard paper output: 250-sheet face-down output tray Optional paper handling: 1x 500-sheet lower paper feeder, 2x 500-sheet lower paper feeder, 2,500- sheet A4 lower paper feeder, desk, banner tray 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"x6", 12"x18", Custom (90-311 * 140-1200 mm) Envelope sizes supported: Com10, C5, C6, DL, Monarch Printable area: 4.2 mm from all edges Paper weights: 64-256 gsm from all trays 64-271 gsm from manual feed tray 64-256 gsm duplex Print media: plain paper (64-90 gsm), thick paper 1 (91-150 gsm), thick paper 2 (151 -209 gsm), thick paper 3 (210-256 gsm), thick paper 4 (257-271 gsm), recycled paper (64-90 gsm), transparency, letterhead, envelope, labels, postcard Banner tray (optional): up to 297x1200 mm, 127-210 gsm Finishing modes (optional): offset, group, sort, staple, punch, centre-fold, booklet Optional configuration * Staple-finisher: 200+1,000 sheets output, stapling of up to 50 sheets Output tray: 3rd output tray Mail-bin unit: 4-bin mailbox Saddle kit: centre-fold, booklet Punch Kit: 4-hole punching	Security chip: HDD data encryption Option connection board and USB host board: USB memory print, interface for authentication devices Biometric (finger vein) or IC Card authentication: user authentication, special secure print function Physical Dimensions: (D) 708 mm x (W) 643 mm x (H) 637 mm Weight: 89 kg with consumables installed, 110 kg packaged to ship Electrical Input voltage range: 220 V~240 V (± 10%) Frequency: 50/60 Hz (± 3 Hz) Power consumption: 1,500 W or less average during printing 900 W or less standby 200 W or less Environmental Temperature: 10 °C ~30 °C (operating) Humidity: 15% to 85% RH (operating) Acoustic noise: ≤ 67 dB (A) (operating), ≤ 43 dB (A) (standby) Regulatory/Safety conformity²	UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, WEEE, RoHS Consumables³ Pre-installed: cyan, magenta, yellow toner – yield up to 6,000 pages; black toner – yield up to 9,000 pages cyan, magenta, yellow imaging unit – yield up to 90,000 pages; black imaging unit – yield up to 120,000 pages waste toner bottle – yield up to 50,000 pages Replacements: cyan, magenta, yellow toner – yield up to 20,000 pages; black toner – yield up to 26,000 pages cyan, magenta, yellow imaging unit – yield up to 90,000 pages; black imaging unit – yield up to 120,000 pages waste toner bottle – yield up to 50,000 pages Maintenance parts: Transfer roller: yield up to 150,000 pages Transfer belt: yield up to 150,000 pages Fuser unit: yield up to 400,000 pages Warranty period and conditions 1 year on-site warranty (within EU; local law applies).
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Simitri HD
High Definition Polymerized Toner

¹ Optional hard disk kit enables secure printing, proof then print, print & hold and job storing, increase of user accounts from 30 to 1,000, font download, ICC profile download, tray mapping, macro download.

² 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.

³ 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>.

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 multi-page, simplex mode.

Some of the product illustrations contain optional accessories.

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* For more information regarding installation services for optional accessories and the costs involved, please contact your Konica Minolta Business Solutions Partner.

Websites: www.konicaminolta.co.uk/printer | www.q-shop.com

For further information, go to www.konicaminolta.co.uk/printer



KONICA MINOLTA

The essentials of imaging



magicolor 8650DN

Your colour pro

The magicolor 8650DN is an exceptional A3+ colour laser printer designed for medium sized organisations and creative departments in need of a premium colour solution. In addition to being creative, it also provides speed and a professional attitude to any department. With formidable media flexibility and a wealth of finishing solutions, the magicolor 8650DN allows you to keep a close eye on your printing costs.

- **A printing expert** – The magicolor 8650DN offers impressive printing speed and volume printing in the most demanding graphics environments. 8.5 seconds (colour) or 5.9 seconds (monochrome) to get ready to print, 35 ppm in colour or monochrome and up to 3,650 sheets output. 100% duplexing, Emperon™ controller, a PowerPC® 1 GHz processor and 1 GB memory guarantee continuous high-volume output.
- **Professional colour prints** – Astounding colour gradations for razor-sharp and vibrant images are a given thanks to Konica Minolta's proprietary Simitri® HD polymerised toner and that extra bit in PhotoART 19200 contone technology. With the magicolor 8650DN you can print with confidence, knowing you will produce professional quality in-house, at an affordable price.
- **A world of creative options** – Thick cover printing, a punching kit, staple finisher, offset sorting functions, saddle stitched and folded booklets, banners up to 1,200 mm long and custom size paper are some of the creative outlet options the magicolor 8650DN offers. High-impact promotional materials are now simple to produce.
- **Total cost control** – Reduce costs with the auto-colour recognition function that prints in colour only when necessary. A toner save mode conserves up to 50% of toner, and you can programme access rights to colour printing further reducing the use of colour prints.
- **Streamlined operation** – Uninterrupted workflow with the latest document processing standards is a reality, thanks to native XPS support and compatibility with a wide range of printing languages, operating systems and business applications.

Datasheet

Colour workgroup printer 35/35 ppm

magicolor 8650DN

Your colour pro

SD-505
Saddle kit
Centre fold
max. 20 booklets

MT-502
Mail-bin unit
4-bin mailbox

FS-519
Embedded finisher
Staple finisher,
200+1,000 output

OT-602
Additional bin
3rd output tray, 200 sheets

PK-515
Punch kit
4-hole punch unit

Basic system

Powerful colour and b/w printer with 35 ppm.
Standard Emperon controller with PCL 6c
and PostScript 3 support.

Paper capacity of 500 + 500 and 150 sheets
manual bypass (up to A3+ and 271 gsm).

1,024 MB system memory standard.

PC-406
Large capacity tray
A4, 2,500 sheets,
64 – 256 gsm

PC-205
2x universal tray
A5 – A3, 2x 500 sheets,
64 – 256 gsm

PC-106
1x universal tray
A5 – A3, 1x 500 sheets,
64 – 256 gsm

