KONICA MINOLTA

The essentials of imaging

bizhub C220, C280 and C360

Innovative, affordable, easy

Office systems bizhub C220/C280/C360

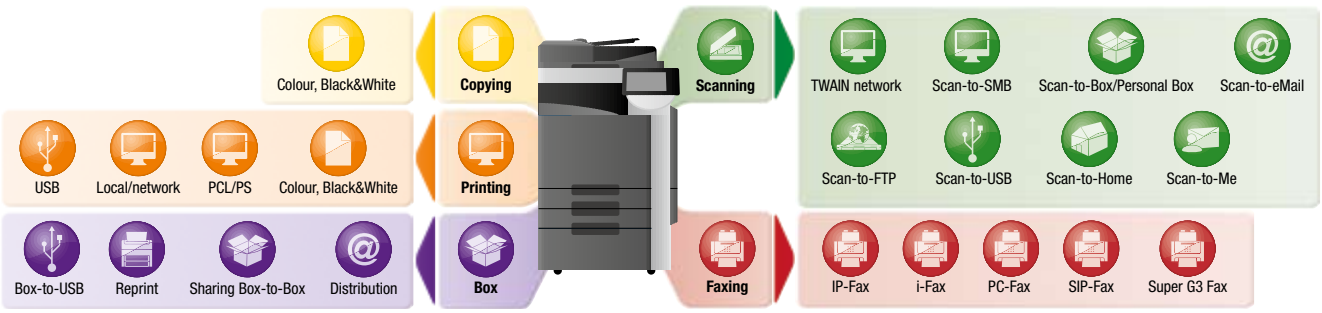
The hub of any office
whether black & white or colour

The bizhub C220, C280 and C360 are innovative devices for every-day document production in the office. They are designed to meet all of the needs of the standard office, whether copy or print, fax or scan, black & white or colour, single-sided or double-sided, single sheet output or booklet.

With this product series, Konica Minolta have raised the bar once again, by developing machines with improved ease-of-use, increased flexibility, market leading environmental benfits and security features.

- As true multifunctionals, all three can be equipped to print, copy, scan and fax, handling the complete communication of the busy office with ease and competence. Their compact and stylish design doesn't take up a lot of room but makes them an attractive feature in any office.
- Complying with the latest regulations of the Energy Star and the German Blue Angel, the bizhub C220, C280 and C360 feature extremely quiet operation and greatly reduced energy consumption levels. They are comfortable to work side by side with and impressively eco-friendly to operate.
- The bizhub C220, C280 and C360 come inclusive of Konica Minolta's "skills to win" – they provide complete office communication in a single device, feature latest technology, deliver top class quality in black and white as well as colour and impress with their flawless eco-performance.

Workflow options



Innovative, affordable, easy – whether black & white or colour

Advanced technology

Equipped with Konica Minolta's proprietary Auto-Refining Developing System (ARDS), the bizhub C220, C280 and C360 guarantee a stable and constant b/w image quality. This innovative technology continuously refreshes the developer, adding a certain amount with each new toner cartridge. This means that Konica Minolta has once again raised the bar in terms of image quality, ensuring that the bizhub C220, C280, and C360 are the perfect choice in any line of business.

Efficient access and cost control

Thanks to the bizhub C220, C280 and C360's comprehensive access control features, the colour functionality can easily be disabled as required, allowing only some users to produce colour documents while restricting the majority of users to b/w printing and copying.

The allocation of such access rights and function restrictions begins with standard password authentication which reliably limits system access to authorised users. Up to 1,000 user accounts are conveniently created with Active Directory support and can include specific access rights for individual users.

For more user convenience, authentication can also be via optional biometric finger vein scanner or non-contact IC-card. Another feature aiding cost control is the account tracking functionality which allows monitoring of the monthly document production costs for single users or whole departments. These efficient control mechanisms provide increased transparency of usage and help keep document production costs in check, whether the use of colour is permitted or not.

Impressive ease of use

As innovative multifunctionals for all-round office communication, the bizhub C220, C280 and C360 offer enhanced ease of use and many everyday conveniences. Their user-friendly colour touch screen can be tilted and turned to guarantee excellent visibility from any angle. Colour preview and thumbnail features allow checking exactly what the final document will look like, avoiding mistakes before printing. The logical screen layout, animated help and guidance features as well as an optional hardware keyboard further support the simple and straightforward operation.

Ease of operation has also been improved with the introduction of a customised printer driver tab: under MyTab users can individually combine their frequently used features enabling them to make all settings in a single screen.

Configurations

bizhub C220
bizhub C280
bizhub C360

Enhanced functionality – whether black & white or colour

Productive printing and copying

Printing and copying are straightforward and productive with the bizhub C220, C280 and C360. Equipped with one of Konica Minolta's powerful Emperon™ controllers, they feature a fast 1 GHz CPU (667 MHz on bizhub C220), 2 GB standard memory, 250 GB HDD, support PDF 1.7 and with advanced PostScript compatibility offer attractive quality enhancements. The proprietary Emperon™ controller technology ensures seamless system integration into any standard network environment, enabling multiple users to process their print jobs quickly and simultaneously without experiencing long delays.

The product series offers an extensive range of attractive print and copy features to facilitate the creation of both standard and more complex documents, including forms overlay, watermark and n-up. Duplex printing or copying helps reduce costs by saving paper, filing space and postage. Auto Colour Selection avoids inadvertent printing or copying in colour where black & white is sufficient.

Efficient scanning and faxing

Highly efficient scanners, the bizhub C220, C280 and C360 facilitate the distribution and sharing of information. With fast 70 opm they offer high-speed scanning to eMail, FTP, SMB and user box. Scan formats include PDF and compact PDF, XPS and compact XPS as well as TIFF and JPEG.

The clever scan-to-USB feature gives user flexibility an attractive boost, enabling time-saving direct scanning from the bizhub C220, C280 or C360 to the USB stick without the detour via the PC. Available in combination with user authentication, the functions scan-to-Me and scan-to-Home reliably ensure that scans are sent only to the user's own E-Mail address (scan-to-Me) or own registered PC folder (scan-to-Home).

An optional scanning highlight is the processing of scanned data with OCR to create searchable PDF documents. These include a full-text search capability, enabling users to find the document they want quickly and conveniently on their PC.

To any location requiring fax communication, the bizhub C220, C280 and C360 offer digital as well as optional analogue fax capabilities. User convenience is ensured with the clever PC fax functionality that provides direct faxing from the PC without having to print documents first. Various security features make confidential fax communication reliably safe.

Advanced user box functionality

Konica Minolta's unique User Box approach makes the storing and managing of information on the internal hard disc of the bizhub C220, C280 or C360 highly efficient, facilitating the sharing of scanned, printed, copied and faxed documents and providing fast access to regularly required documents, such as terms and conditions or forms. Up to 1,000 user boxes can be set up with flexible access rights and boxes defined as public, group use or private.

Comprehensive security

Offering various features beyond Konica Minolta's generous security standards, the bizhub C220, C280 and C360 are certified to ISO 15408 EAL3. With client authentication via IEEE 802.1x, they can be connected to secure networks. Enhanced security against unauthorised copying is also available. When the Copy Guard option is enabled, an original will not be copied at all becasue the MFP detects a special protection pattern while Password Copy enables copying of the protected original olnly if the correct password is entered.

The secure printing function is available to safeguard confidential documents. Printing is only possible after the password allocated to the print job is entered directly via the MFP's touch screen. In combination with access control via authentication, the print jobs thus secured will automatically be produced as soon as the user has authenticated themself.

PageScope Enterprise Suite

This efficient software suite gives administrators a full monitoring and management application that provides complete access to all user- and device-related information from a central server platform. The PageScope Enterprise Suite comprises of:

- The PageScope Net Care Device Manager for the central implementation of system network configurations and central status monitoring
- The PageScope Authentication Manager for central management of the user database and user rights
- The PageScope Account Manager for the central collection of detailed counter readings and the ensuing cost calculation
- The PageScope MyPanel Manager for the individual creation of central user profiles, personalised address books and scan destinations.

Media & finishing versatility – whether black & white or colour

Impressive media competence

The bizhub C220, C280 and C360 come with excellent media capabilities. They process standard paper formats up to A3+ as well as any customised size. Paper qualities of up to 256 gsm can be fed from the trays; the bypass also accepts 271 gsm as well as special media like labels, transparencies and envelopes. The standard paper capacity of 1,150 sheets can be extended to an impressive 3,650 sheets. Via the bypass it is possible to produce banners of up to 1.2 metres length, facilitating the creation of project schedules, floor plans, holiday schedules and any other oversized document.

Thanks to their comprehensive media flexibility, the bizhub C220, C280 and C360 show competence in the production of every imaginable office document, from correspondence, invoices, meeting minutes and briefs to presentations, forms, analyses, statistics and reports – whether in black and white or colour.

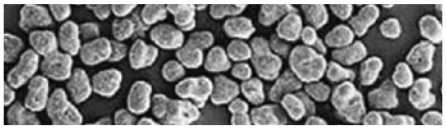
Attractive finishing flexibility

With their choice of three output devices – including a modular floor-type finisher, a highly compact integrated staple finisher and a job separator – the bizhub C220, C280 and C360 can be suitably equipped for the individual needs of any office.

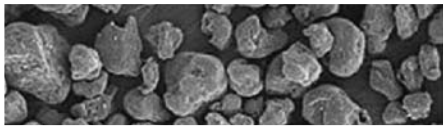
The floor-type finisher has a generous output capacity of 3,200 sheets and thanks to its modular concept can be enhanced with various features. In addition to multi-position stapling of manuals, reports and other comprehensive documentation, punching can be equipped, ideal for applications such as meeting minutes. The inline booklet feature provides the fully automatic production of centre-folded and saddle-stitched brochures and booklets of up to 60 pages.

A low-cost finishing alternative is the smaller staple finisher that integrates almost completely into the device's mainbody, keeping the system's footprint extremely compact. Also available is a simple and straightforward job separator which keeps different jobs clearly separate.

Simitri® polymerised toner



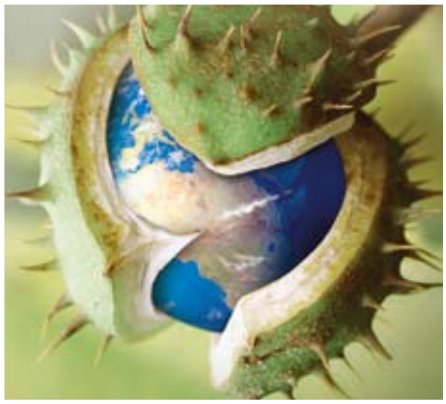
Conventional toner



Ecologically sound – whether black & white or colour

Low TEC values

bizhub C220, C280 and C360 feature among the lowest TEC values in their class. The TEC value represents an electrical product's typical electricity consumption (TEC) within one week with the calculation based on average office use. The systems switch to energy-saving mode faster and consume considerably less power in sleep mode than previous products. Not only does this support the eco-friendly operation of the complete product series; it also helps to save running costs and keeps all three models well within the latest regulations of the Energy Star and the German Blue Angel.



Eco-friendly Simitri® HD toner

The low energy consumption of the bizhub C360 series is also largely due to Konica Minolta's state-of-the-art fusing technology. The use of Simitri® HD polymerised toner enables fixing at lower temperatures, which minimises the warm-up period while maximising energy efficiency. At the same time the polymerisation process of Simitri® HD toner has considerably less environmental impact than the production of conventional toner. And yet, with its tiny and uniformly shaped toner particles Konica Minolta's proprietary Simitri® HD polymerised toner achieves an image quality second to none. Razor-sharp text and lines, colours that don't fade, and a smooth and highly durable print finish ensure longer-lasting prints of better quality than ever – while nevertheless supporting a faultless eco performance.

Extra-quiet operation

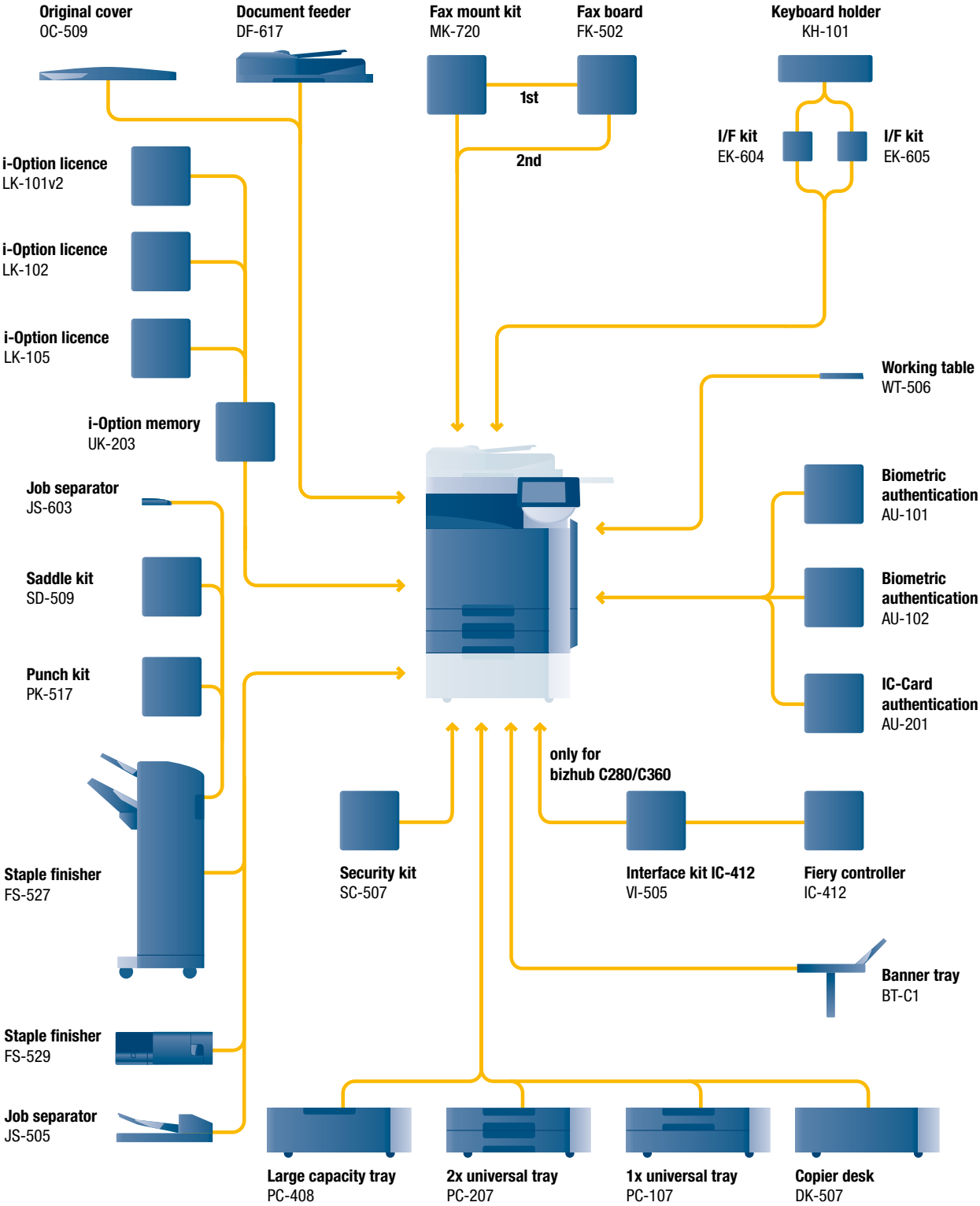
With their extremely quiet operation, the bizhub C220, C280 and C360 are highly comfortable to work side by side with and perfectly suited for installation in any location, even in open-plan offices. Numerous technical improvements throughout the products, including steps to eliminate or reduce unpleasant noises, e.g. fan noise, have greatly reduced the operating noise and optimised the systems' overall noise emission. As a result, all three products are top of the class in their extra-quiet operation.

Resource-friendly design

In compliance with its ISO 14001-based environmental management system, Konica Minolta promotes resource-friendly product development, including the use of recycled materials wherever possible, and a consumables design that enables the fast and simple separation into their component materials for easy recycling. For the bizhub C220, C280 and C360 this included the redesign of the toner bottle to make its recycling more straightforward and convenient.

As part of its zero waste manufacturing concept, Konica Minolta strives to minimise the ecological impact of its products with efficient environmental activities throughout all stages of the product lifecycle. One aspect of this are reusable or recyclable packaging materials for hardware and consumables to minimise the waste generated by each device. Smaller packaging also helps reduce transport and storage costs. Activities include the promotion of energy-saving issues as well as comprehensive efforts for recycling and reuse – all in the interest of maximised environmental protection.

Option diagram



Descriptions

bizhub C220/C280/C360	Communication centers with 22/28/36 ppm in b/w and colour. Standard Emperon™ print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 sheets and 150 sheets manual bypass. Media from A6 to A3+, 1.2 m banner and 60–271 gsm. 2 GB memory, 250 GB hard disc and 1 GB Ethernet standard
DF-617 Document feeder	Automatic document feeding of up to 100 originals
OC-509 Original cover	Cover instead of ADF
FS-527 Staple finisher	50 sheet stapling, output capacity 3,200 sheets
PK-517 Punch kit	4 hole punching
JS-603 Job separator	Separation of e.g. fax and copy/print output for FS-527
SD-509 Saddle kit	Booklet finishing
FS-529 Staple finisher	50 sheet stapling, output capacity 300 sheets
JS-505 Job separator	Separation of e.g. fax and copy/print output
PC-107 1x Paper cassette	A5–A3; 1 x 500 sheets; 60–256 gsm
PC-207 2x Paper cassette	A5–A3; 2 x 500 sheets; 60–256 gsm
PC-407 Large paper cassette	A4; 2,500 sheets; 60–256 gsm
DK-507 Copier desk	Storage of paper; etc.
BT-C1 Banner tray	Multipage banner printing
VI-505 Interface kit	Fiery controller interface card

IC-412 Fiery controller	Professional colour print controller, available for bizhub C280/C360
AU-101 Biometric authentication (basic)	Finger vein scanner
AU-102 Biometric authentication (advanced)	Finger vein scanner
AU-201 IC-Card authentication	IC-Card scanner
KH-101 Keyboard holder	To place the USB keyboard
EK-604 I/F kit	USB keyboard connection
EK-605 I/F kit	USB keyboard connection and Bluetooth
MK-720 Fax mount kit	I/F board for fax FK-502
FK-502 Fax board	Super G3 fax
WT-506 Working table	Authentication device placement
LK-101v2 i-Option licence	Webbrowser, Image panel
LK-102 i-Option licence	PDF enhancement
LK-105 i-Option licence	Searchable PDF
UK-203 i-Option memory	Memory extension for i-Option
SC-507 Security Kit	Copy Guard and Password Copy

Finishing options

corner stapling

2-point stapling

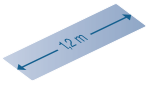
four-hole punching

two-sided printing/ duplex

combined mixplex/ mixmedia

booklet/ booklet (folding and saddle stiching)

offset sorting/ auto-shift sorting



banner printing

Technical specifications

Copier specifications

Copying process	Electrostatic laser copy Tandem, indirect
Toner system	Simitri HD™ polymerised toner
Copy/print speed A4 (mono/colour)	Up to 22/22 cpm (C220) Up to 28/28 cpm (C280) Up to 36/36 cpm (C360)
Copy/print speed A3 (mono/colour)	Up to 12/12 cpm (C220) Up to 17/17 cpm (C280/C360)
Autoduplex speed A4 (mono/colour)	Up to 22/22 cpm (C220) Up to 28/28 cpm (C280) Up to 36/36 cpm (C360)
1st copy/print time (mono/colour)	7.5/11.0 sec. (C220) 5.8/7.7 sec. (C280/C360)
Warm-up time	Approx. 45sec.*
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multi-copy	1 – 9,999
Original format	A5 – A3
Magnification	25 – 400 % in 0.1 % steps Autozooming
Copy functions	Chapter, cover and page insertion Proof copy (print and screen) Adjustment test print Digital art functions Job setting memory Poster Mode, Image Repeat Overlay, Watermark, Stamping, Card Shot

Printer specifications (Embedded Emperon Controller)

Print resolution	Equivalent to 1800 x 600 dpi
Controller CPU	MPC8533 @ 667 MHz (C220) MPC8533 @ 1 GHz (C280/C360) 32 BIT
Page description language	PCL6c PostScript 3 (CSPI 3017)
Operating systems	Windows 2000 / XP / XP64 Windows VISTA 32 / 64 Windows DPWS support Macintosh 9.x / 10.x Server 2000 / 2003 / 2003x64 / 2008 / 2008x64 Unix / Linux / Citrix
Printer fonts	80x PCL 137x PostScript 3 Emulation
Print functions	Direct print of PCL, PS, TIFF, XPS, PDF and Encrypted PDF files Mixmedia and Mixplex Job programming "Easy Set" Overlay, Watermark

Scanner specifications

Scan speed	Colour / Mono up to 70 opm (300 dpi via DF) Colour / Mono up to 40 opm (600 dpi via DF)
Scan resolution	Max.: 600 x 600 dpi
Scan modes	Network TWAIN scan Scan-to-eMail (Scan-to-Me) Scan-to-FTP Scan-to-SMB (Scan-to-Home) Scan-to-Box Scan-to-WebDAV Scan-to-DPWS Scan-to-USB
File formats	JPEG, TIFF, PDF, Compact PDF, Encrypted PDF, Outline PDF, XPS, Compact XPS
Scan destinations	2,100 (single + group), LDAP support
Scan functions	Annotation (text / time / date) for PDF Up to 400 job programs

Fax specifications (optional)

Fax standard	Super G3 (optional)
Fax transmission	Analogue, i-Fax, Colour i-Fax (RFC3949 -C) IP-Fax, SIP-Fax
Fax resolution	Max.: 600 x 600 dpi (ultra-fine)
Fax compression	MH, MR, MMR, JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)
Fax functions	Polling Time shift PC-Fax Receipt to confidential box Receipt to email, FTP, SMB Up to 400 job programs

User box specification

Max. user boxes	1,000
Max. storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public, Personal (with password or authentication), Group (with authentication)
Type of system boxes	Secure print, Encypted PDF print, Fax receipt, Fax polling
User box functionaliry	Reprint, combination, download, sending (email, ftp, smb and fax), copy box to box

System specifications

System memory	2 GB
System hard disc	250 GB
Interface	10 Base-T/100 Base-TX/1000 Base-T Ethernet USB 2.0
Network protocols	TCP/IP (IPv4 / IPv6) IPX/SPX NetBEUI AppleTalk (EtherTalk) SMB LPD IPP SNMP HTTP
Frame types	Ethernet 802.2 Ethernet 802.3 Ethernet II Ethernet SNAP
Automatic document feeder	Up to 100 originals A6 – A3 35 – 210 gsm
Printable paper size	A6 – A3 full bleed Customised paper sizes Banner paper max. 1,200 x 297 mm
Printable paper weight	60 – 271 gsm
Paper input capacity	Standard:1,150 sheets Max.: 3,650 sheets
Tray 1	500 sheets A5 – A3 60 – 256 gsm
Tray 2	500 sheets A5 – A3+ 60 – 256 gsm
Tray 3 (optional)	500 sheets A5 – A3 60 – 256 gsm
Tray 3 + 4 (optional)	2 x 500 sheets A5 – A3 60 – 256 gsm

Large Capacity Cassette (Optional)	2,500 sheets A4 60–256 gsm
Manual Bypass	150 sheets A6–A3+, custom sizes, banner 60–271 gsm
Automatic duplexing	A5–A3 full bleed 64–256 gsm
Finishing modes (optional)	Offset, Group, Sort, Staple, Punch, Centre-fold, Booklet
Output capacity (w. finisher)	max. 3,200 sheets
Output capacity (w/o finisher)	max. 250 sheets
Stapling	50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	Max. 1,000 sheets
Booklet (Optional)	15 sheets or 14 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	75 sheets (tray)
Power consumption	220–240 V/50/60 Hz Less than 1.5 KW
System dimensions (W x D x H mm)	643 x 842 x 770
System weight	Approx. 98 kg

System Features

Security	ISO15408 EAL3 (in evaluation) IP filtering and port blocking SSL2, SSL3 and TSL1.0 network communication IPsec support IEEE 802.1x support User authentication, authentication log Secure Print Hard disk overwrite (8 standard types) Hard disk data encryption (AES 256) Memory data auto deletion Confidential fax receipt Print user data encryption Copy Guard and Password Copy optional
Accounting	Up to 1,000 User Accounts Active Directory support (user name + password + email + smb folder) User function access definition Biometric Authentication (finger vein) optional IC-Card Authentication (IC-Card reader) optional
Software	PageScope Net Care Device Manger PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

* Warm up time may vary depending on the operating environment and usage

KONICA MINOLTA

Simitri HD
High Definition Polymerised Toner

Emperon Driven!

Works with Windows Vista™

Designed for Microsoft® Windows® XP Windows® 2000

Mac

CITRIX

ENERGY STAR

TOMORROW IN MIND

DER BLAUE ENGEL
weil energieeffizient und emissionsarm
schützt das KLIMA

SAP® Printer Vendor Solution

Kind to the planet
KONICA MINOLTA

- All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.
- All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or 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.
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