



KONICA MINOLTA

bizhub 423

✓ Black & white A3 multifunctional

✓ Up to 42 pages per minute

Functionality



- Black & white

Copying



- Black & white
- PCL/PS
- Local/network
- USB

Printing



- Colour
- Black & white
- TWAIN Network
- Scan-to-SMB
- Scan-to-Box
- Scan-to-eMail
- Scan-to-FTP
- Scan-to-WebDAV
- Scan-to-USB
- Scan-to-Home
- Scan-to-Me
- Scan-to-DPWS

Scanning



- IP-Fax
- i-Fax
- PC-Fax
- Super G3 Fax

Faxing



- Distribution
- Sharing
- Box-to-Box
- Reprint
- Box-to-USB

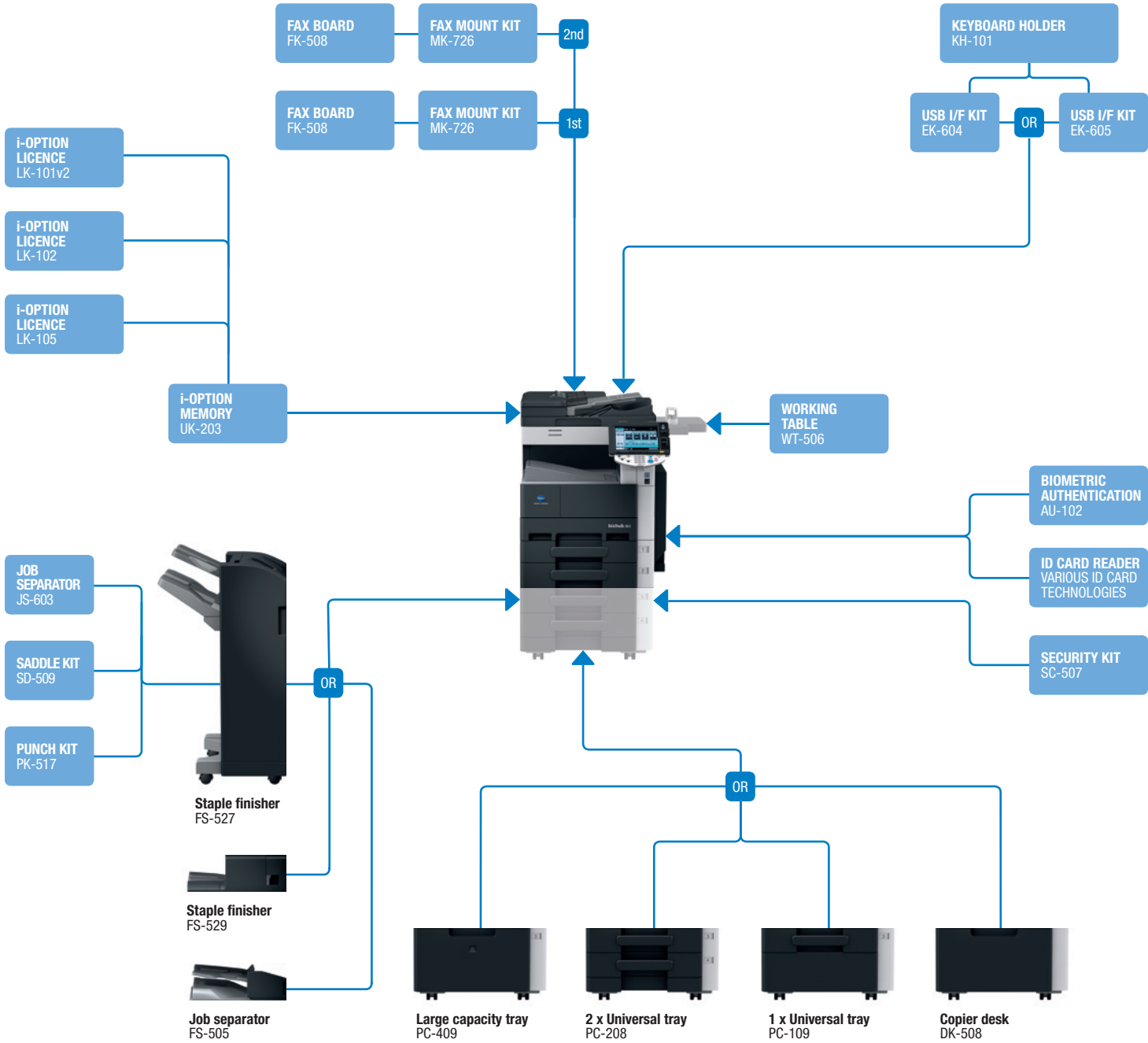
Box



Technology

EMPERON™ ✓	SIMITRI® HD TONER ✓	IWS ✓	OPEN API ✓	i-OPTION ✓	CSRC ✓
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Option diagram



Finishing options

Corner stapling	Two-point stapling	Two-hole punching	Four-hole punching	Duplex	Combined mixplex/mixmedia	Booklet	Offset sorting

Descriptions

bizhub 423	Black & white communication center with 42 ppm. Standard Emperon™ print controller with PCL 6, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to A3 and 60–210 gsm. 2 GB memory, and Gigabit Ethernet.
PC-109 1 x Universal tray	A5–A3; 1 x 500 sheets; 60–90 gsm
PC-208 2 x Universal tray	A5–A3; 2 x 500 sheets; 60–90 gsm
PC-409 Large capacity tray	A4; 2,500 sheets; 60–90 gsm
DK-508 Copier desk	Storage of paper; etc.
FS-527 Staple finisher	50 sheet stapling, output capacity 3,200 sheets
PK-517 Punch kit	Either 2 hole or 4 hole punching (permanent adjustment)
SD-509 Saddle kit	Booklet finishing
JS-505 Job separator	Separation of e.g. fax and copy/print output

FS-529 Staple finisher	50 sheet stapling, output capacity 300 sheets
JS-603 Job separator	Separation of e.g. fax and copy/print output
WT-506 Working table	Authentication device placement
FK-508 Fax board	Super G3 fax
MK-726 Fax mount kit	I/F board for fax FK-508
KH-101 Keyboard holder	To place the USB keyboard
EK-604 USB I/F kit	USB keyboard connection
EK-605 USB I/F kit	USB keyboard connection and Bluetooth
ID-Card reader	Various card technologies
AU-102 Biometric authentication	Finger vein scanner
SC-507 Security Kit	Copy Guard function
LK-101v2 i-Option licence	Web browser, 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

Technical specifications

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD polymerised toner
Copy/print speed A4	Up to 42 cpm
Copy/print speed A3	Up to 21 cpm
Autoduplex speed A4	Up to 42 cpm
1st copy/print time	3.6 sec.
Warm-up time	Approx. 30 sec. ¹
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Original format	A5–A3
Magnification	25–400 % in 0.1% steps; auto-zooming
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; stamping; copy protection

PRINTER SPECIFICATIONS

Print resolution	Equivalent to 1,800 x 600 dpi
Controller CPU	MPC8533E @ 667 MHz
Page description language	PCL 6 (PCL 5e/c + XL3.0) PostScript 3 (CPSI 3016) XPS
Operating systems	Windows 2000 Windows XP (32/64) Windows VISTA (32/64) Windows 7 (32/64) Windows Server 2000 Windows Server 2003/2008 (32/64), 2008 R2 (64) Macintosh OS X 10.x Unix, Linux, Citrix
Printer fonts	80 PCL Latin 137 PostScript 3 Emulation Latin
Print functions	Direct print of PCL, PS, TIFF, XPS, PDF and encrypted PDF files; mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; copy protection, secure print, USB direct print

SCANNER SPECIFICATIONS

Scan Speed (mono/colour)	Up to 70/70 opm (300 dpi via opt. ADF) Up to 42/42 opm (600 dpi via opt. ADF)
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; Searchable PDF (optional); 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

Fax standard	Super G3 (optional)
Fax transmission	Analogue i-Fax IP-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

¹ Warm up time may vary depending on the operating environment and usage

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 Encrypted PDF print Fax receipt Fax polling
User box functionality	Reprint Combination Download Sending (email/FTP/SMB and Fax) Copy box to box

SYSTEM SPECIFICATIONS

System memory	2,048 MB
System hard disc	250 GB (standard)
Interface	10-Base-T/100-Base-T/1,000-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 simplex; 50-128 gsm duplex
Printable paper size	A6-A3; customised paper sizes (90-297 x 139.7-431.8 mm)
Printable paper weight	60-210 gsm
Paper input capacity	Standard: 1,150 sheets Max.: 3,650 sheets
Tray 1	500 sheets; A5-A3, 60-90 gsm
Tray 2	500 sheets; A5-A3, 60-90 gsm
Tray 3 (optional)	500 sheets; A5-A3, 60-90 gsm
Tray 3 + 4 (optional)	2 x 500 sheets; A5-A3, 60-90 gsm
Large capacity tray (optional)	2,500 sheets; A4, 60-90 gsm
Automatic duplexing	A5-A3; 60-90 gsm
Finishing modes (optional)	Offset; group; sort; staple; punch; centre-fold; booklet
Output capacity (with finisher)	Max.: 3,200 sheets
Output capacity (without 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	15 sheets or 14 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	75 sheets (tray)
Copy/print volume (monthly)	Rec.: 10,700 prints; Max.: 60,000 prints
Toner lifetime	25,000 pages
Drum/developer lifetime	120,000 pages
Power consumption	220-240 V / 50/60 Hz Less than 1.5 KW
System dimensions (W x D x H, mm)	623 x 799 x 816
System weight	Approx. 78 kg

SYSTEM FEATURES

Security	ISO 15408 EAL3; 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 disc overwrite (8 standard types); Hard disc data encryption (AES 128); Memory data auto deletion; confidential fax receiving; Print user data encryption; copy protection (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 ID-Card authentication (ID-Card reader) optional
Software	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

- All specifications refer to A4-size paper of 80 gsm quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and 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 life of each consumable will vary depending on 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.
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