



KONICA MINOLTA

bizhub C454 DATASHEET

✦ Colour A3 multifunctionality

✦ Up to 45 colour pages per minute

✦ Functionality



- Colour
- Black & White
- PCL/PS
- Local/network

Printing



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

Box



- Colour
- Black & White

Copying



- 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

Scanning



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

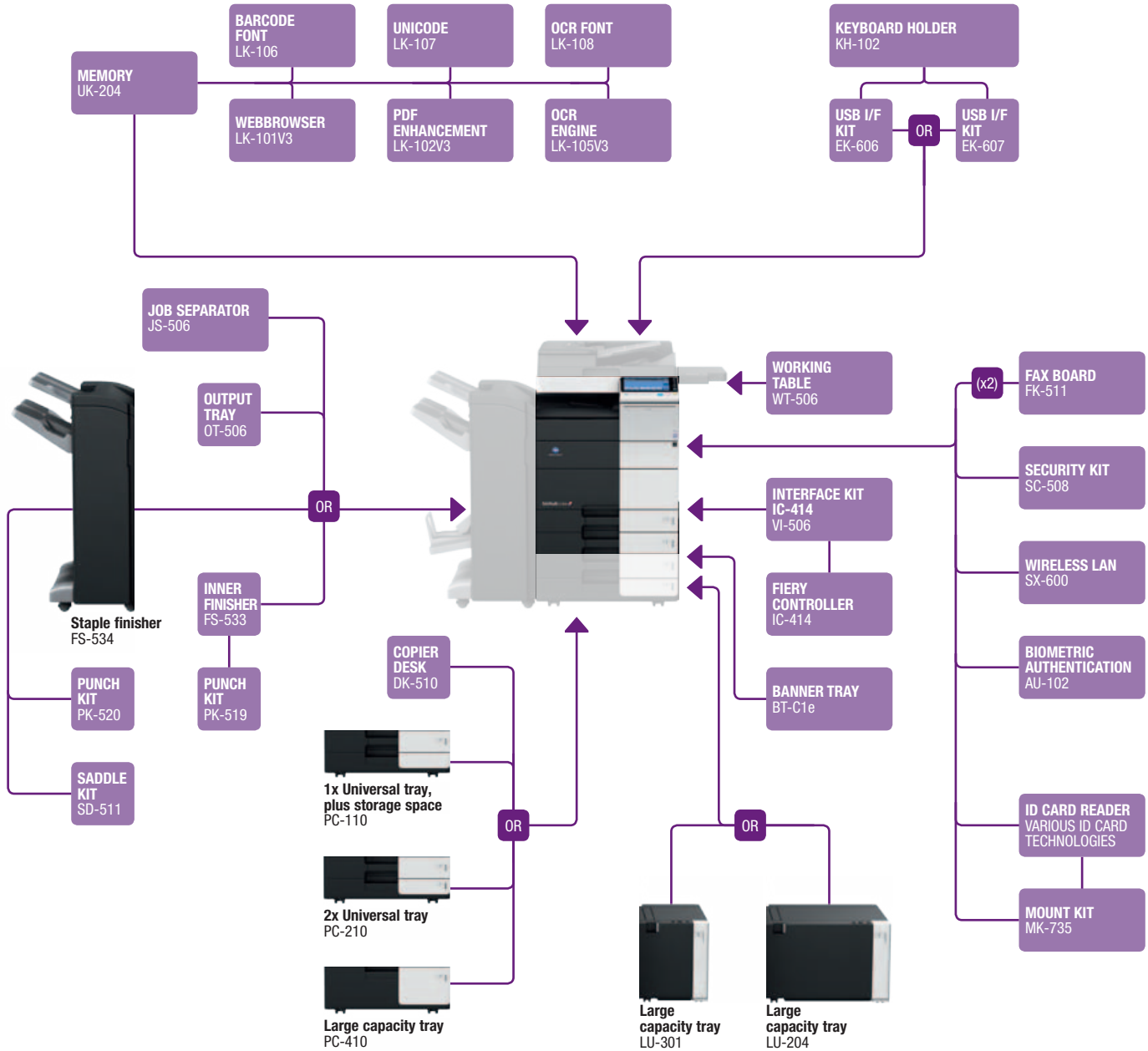
Faxing



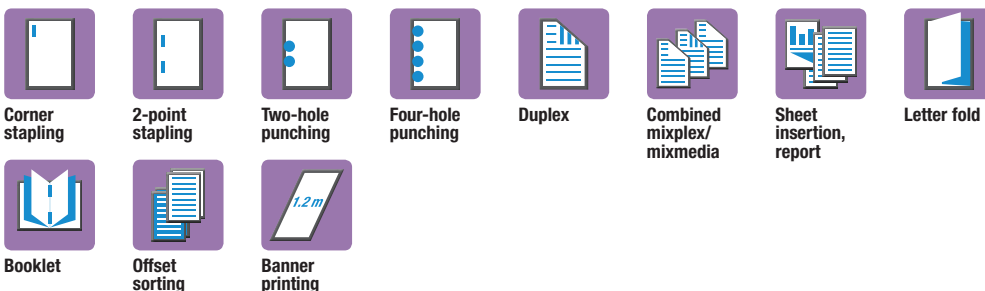
Technology



Option diagram



Finishing options



Descriptions

bizhub C454	Communication centres with 45 ppm b/w and 45 ppm 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 SRA3, 1.2 m banner and 52 – 300 gsm. 2 GB memory, 250 GB hard disc and Gigabit Ethernet standard
KH-102 Keyboard holder	To place USB keyboard
EK-606 USB I/F kit	USB keyboard connection
EK-607 USB I/F kit	USB keyboard connection, Bluetooth
WT-506 Working table	Authentication device placement
BT-C1 Banner tray	Multipage banner
FK-511 Fax board	Super G3 fax, digital fax functionality
SC-508 Security kit	Copy guard function
SX-600 Wireless LAN	Wireless LAN to network connector
AU-102 Biometric authentication	Finger vein scanner
MK-735 Mount kit	Installation kit for ID card reader
ID Card reader	Various ID card technologies
VI-506 Interface kit IC-414	Fiery controller interface card
IC-414 Fiery controller	Professional colour print controller
JS-506 Job separator	Separation for e.g. fax output
PK-519 Punch kit	2/4 hole punching, autoswitching
FS-533 Inner finisher	50 sheets stapling, 500 sheets max. output

LU-204 Large capacity tray	A4–SRA3, 2,500 sheets, 52–256 gsm
LU-301 Large capacity tray	A4, 3,000 sheets, 52–256 gsm
PC-110 1x Universal tray	A5–A3, 500 sheets, 52–256 gsm
PC-210 2x Universal tray	A5–A3, 2x500 sheets, 52–256 gsm
PC-410 Large capacity tray	A4, 2,500 sheets, 52–256 gsm
DK-510 Copier desk	Provides storage space for e.g. print media
OT-506 Output tray	Output tray used instead of finisher
FS-534 Staple finisher	50 sheet stapling, 3,200 sheets max. output
SD-511 Saddle kit	Booklet finishing, half-fold, letter-fold
PK-520 Punch kit	2/4 hole punching, autoswitching
UK-204 Memory	Memory extension for i-Options
LK-101v3 Webbrowser	Web browser and image panel
LK-102v3 PDF enhancement	PDF/A, PDF encryption, digital signature
LK-105v3 OCR engine	Searchable PDF and PPTx
LK-106 Barcode font	Supports native barcode printing
LK-107 Unicode	Supports native Unicode printing
LK-108 OCR font	Supports native OCR A and B font 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 45 cpm
Copy/print speed A3 (mono/colour)	Up to 45 cpm
Copy/print speed A3 (mono/colour)	Up to 22 cpm
Autoduplex speed A4 (mono/colour)	Up to 22 cpm
Autoduplex speed A4 (mono/colour)	Up to 45 cpm
1st copy/print time (mono/colour)	Up to 45 cpm
Warm-up time	4.6/5.5
Copy resolution	Approx. 25 sec. ¹
Gradation	600 x 600 dpi
Original format	256 gradations
Magnification	A5–A3
Copy functions	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; stamping; copy protection

PRINTER SPECIFICATIONS

Print resolution	1,800 x 600 dpi 1,200 x 1,200 dpi
Controller CPU	PowerPC MPC8536 @ 1.2 GHz
Page description language	PCL 6c (PCL 5c + XL3.0) PostScript 3 (CPSI 3016) XPS
Operating systems	Windows 2000/XP/XP64 Windows VISTA 32/64 Windows 7 32/64 Server 2000/2003/2003x64/2008/2008x64/2008 (R2) Macintosh 9.x/10.x Unix/Linux/Citrix
Printer fonts	80x PCL Latin 137x PostScript 3 Emulation Latin
Print functions	Direct print of PCL, PS, TIFF, XPS, PDF, Encrypted PDF files and OOXML (docx, xlsx, pptx); Mixmedia and mixplex; Job programming “Easy Set”; Overlay; Watermark; Copy Protection, Carbon Copy Print

PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-414
Controller CPU	Intel Pentium @ 2.6 GHz
Memory / HDD	2 GB / 160 GB
Page description language	Adobe PostScript 3 (CPSI 3019) PCL 6/5c
Operating systems	Windows 2000/XP/XP64 Windows VISTA 32/64 Windows 7 32/64 Server 2000/2003/2003x64/2008/2008x64/2008 (R2) Macintosh 9.x/10.x

SCANNER SPECIFICATIONS

Scan Speed mono/colour	Up to 160/160 ipm
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; PDF/A 1a and 1b (optional); Compact PDF; Encrypted PDF; Searchable PDF (optional) XPS; Compact XPS; PPTX and searchable PPTX (optional)
Scan destinations	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF; up to 400 job programs; Realtime scan preview

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	Analogue i-Fax Colour i-Fax (RFC3949-C) 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

USER BOX SPECIFICATION

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 receiving 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 (standard)
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; 35-163 gsm Dualscan ADF
Printable paper size	A6-SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52-300 gsm
Paper input capacity	Standard: 1,150 sheets Max.: 6,650 sheets
Paper trays standard	Tray 1: 500 sheets, A5-A3, 52-256 gsm Tray 2: 500 sheets, A5-SRA3, 52-256 gsm Manual Bypass: 150 sheets, A6-SRA3, custom sizes, banner, 60-300 gsm
Paper trays optional	Universal tray (1): 1x 500 sheets, A5-A3, 52-256 gsm Universal tray (2): 2x 500 sheets, A5-A3, 52-256 gsm Large capacity tray (3): 2,500 sheets, A4, 52-256 gsm Large capacity cabinet (4): 3,000 sheets, A4, 52-256 gsm Large capacity cabinet 5): 2,500 sheets, A4-SRA3, 52-256 gsm
Automatic duplexing	A5-SRA3; 52-256 gsm
Finishing modes (optional)	Offset; group; sort; staple; punch; centre-fold; letter-fold; booklet
Output capacity (w. finisher)	Max.: 3,200 sheets

Output capacity (w/o finisher)	Max.: 250 sheets
Stapling	Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	Max.: 1,000 sheets
Letterfold	Up to 3 sheets
Letterfold capacity	Max.: 30 sheets (tray); unlimited
Booklet	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	Max.: 100 sheets
Toner lifetime	Black 27,500; CMY 26,000
Imaging unit lifetime	Black 130,000/600,000 (Drum/Developer) CMY 95,000/600,000 (Drum/Developer)
Power consumption	Less than 2.0 KW (system) TEC* 3.17
System dimensions (W x D x H, mm)	615 x 685 x 921 (excl. lower paper tray unit)
System weight	Approx. 101 kg

SYSTEM FEATURES

Security	ISO 15408 EAL3 (in evaluation); IP filtering and port blocking; SSL2; SSL3 and TLS1.0 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, password)
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 Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

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

*Typical Electricity Consumption (weekly) by Energy Star regulations



Simitri HD
High Definition Polymerised Toner



SAP Printer Vendor Solution



CORTADO
Cloud Printing Ready

