



KONICA MINOLTA

# bizhub C454

✓ Colour A3 multifunctionality

✓ Up to 45 colour pages per minute

## Functionality



### Printing

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

– USB



### Box

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

– Box-to-USB



### Copying

- Colour
- Black & White



### Scanning

- 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



### Faxing

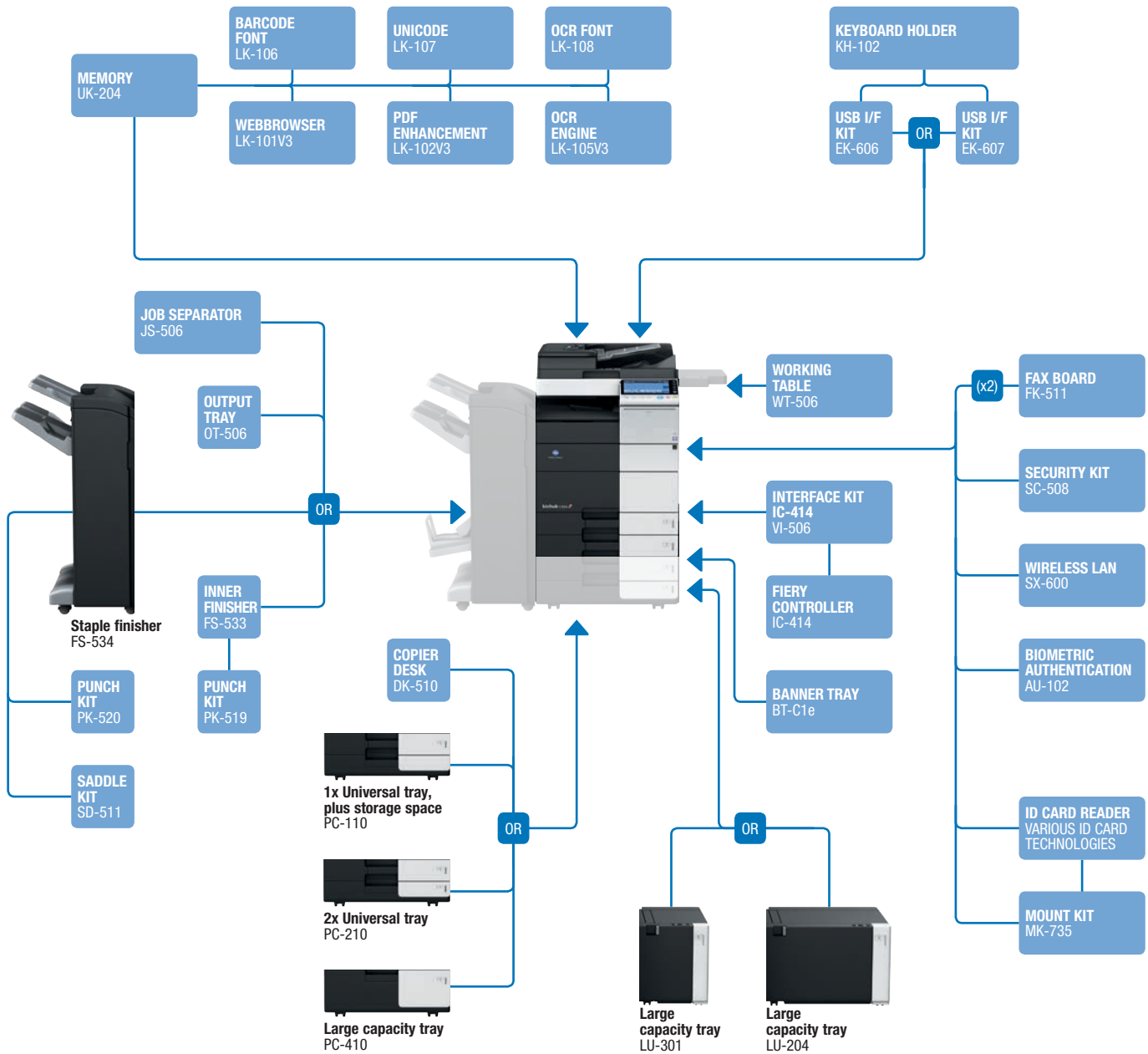
- IP-Fax
- i-Fax
- PC-Fax
- Super G3 Fax



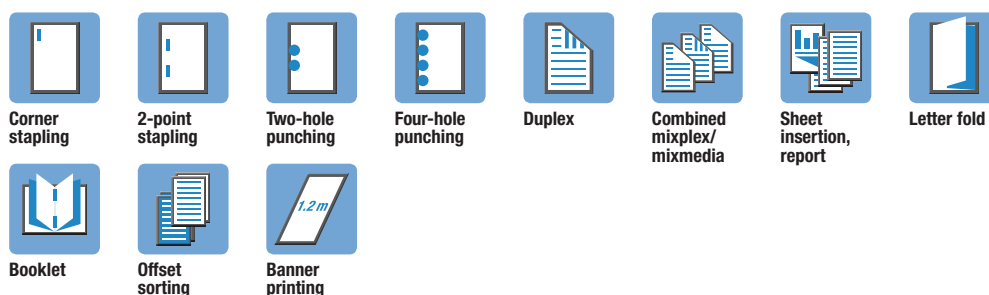
## Technology



## Option diagram



## Finishing options



## Descriptions

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

<b>LU-204 Large capacity tray</b>	A4–SRA3, 2,500 sheets, 52–256 gsm
<b>LU-301 Large capacity tray</b>	A4, 3,000 sheets, 52–256 gsm
<b>PC-110 1x Universal tray</b>	A5–A3, 500 sheets, 52–256 gsm
<b>PC-210 2x Universal tray</b>	A5–A3, 2x500 sheets, 52–256 gsm
<b>PC-410 Large capacity tray</b>	A4, 2,500 sheets, 52–256 gsm
<b>DK-510 Copier desk</b>	Provides storage space for e.g. print media
<b>OT-506 Output tray</b>	Output tray used instead of finisher
<b>FS-534 Staple finisher</b>	50 sheet stapling, 3,200 sheets max. output
<b>SD-511 Saddle kit</b>	Booklet finishing, half-fold, letter-fold
<b>PK-520 Punch kit</b>	2/4 hole punching, autoswitching
<b>UK-204 Memory</b>	Memory extension for i-Options
<b>LK-101v3 Webbrowser</b>	Webbrowser and image panel
<b>LK-102v3 PDF enhancement</b>	PDF/A, PDF encryption, digital signature
<b>LK-105v3 OCR engine</b>	Searchable PDF and PPTx
<b>LK-106 Barcode font</b>	Supports native barcode printing
<b>LK-107 Unicode</b>	Supports native Unicode printing
<b>LK-108 OCR font</b>	Supports native OCR A and B font printing

## Technical specifications

### COPIER SPECIFICATIONS

<b>Copying process</b>	Electrostatic laser copy Tandem indirect
<b>Toner system</b>	Simitri® HD polymerised toner
<b>Copy/print speed A4 (mono/colour)</b>	Up to 45 cpm Up to 45 cpm
<b>Copy/print speed A3 (mono/colour)</b>	Up to 22 cpm Up to 22 cpm
<b>Autoduplex speed A4 (mono/colour)</b>	Up to 45 cpm Up to 45 cpm
<b>1st copy/print time (mono/colour)</b>	4.6/5.5
<b>Warm-up time</b>	Approx. 25 sec. <sup>1</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Original format</b>	A5–A3
<b>Magnification</b>	25–400% in 0.1% steps; Autozooming
<b>Copy functions</b>	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

<b>Print resolution</b>	1,800 x 600 dpi 1,200 x 1,200 dpi
<b>Controller CPU</b>	PowerPC MPC8536 @ 1.2 GHz
<b>Page description language</b>	PCL 6c (PCL 5c + XL3.0) PostScript 3 (CPSI 3016) XPS
<b>Operating systems</b>	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
<b>Printer fonts</b>	80x PCL Latin 137x PostScript 3 Emulation Latin
<b>Print functions</b>	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)

<b>Print controller</b>	Embedded Fiery IC-414
<b>Controller CPU</b>	Intel Pentium® @ 2.6 GHz
<b>Memory / HDD</b>	2 GB / 160 GB
<b>Page description language</b>	Adobe PostScript 3 (CPSI 3019) PCL 6/5c
<b>Operating systems</b>	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

<b>Scan Speed mono/colour</b>	Up to 160/160 ipm
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	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
<b>File formats</b>	JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); Compact PDF; Encrypted PDF; Searchable PDF (optional); XPS; Compact XPS; PPTX and searchable PPTX (optional)
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; Realtime scan preview

## FAX SPECIFICATIONS

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

## USER BOX SPECIFICATION

<b>Max. storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public Personal (with password or authentication) Group (with authentication)
<b>Type of system boxes</b>	Secure print Encrypted PDF print Fax receiving Fax polling
<b>User box functionality</b>	Reprint; combination Download Sending (email/FTP/SMB and Fax) Copy box to box

## SYSTEM SPECIFICATIONS

<b>System memory</b>	2,048 MB (standard)
<b>System hard disc</b>	250 GB (standard)
<b>Interface</b>	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
<b>Frame types</b>	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
<b>Automatic document feeder</b>	Up to 100 originals; A6–A3; 35–163 gsm Dualscan ADF
<b>Printable paper size</b>	A6–SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
<b>Printable paper weight</b>	52–300 gsm
<b>Paper input capacity</b>	Standard: 1,150 sheets Max.: 6,650 sheets
<b>Paper trays standard</b>	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
<b>Paper trays optional</b>	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
<b>Automatic duplexing</b>	A5–SRA3; 52–256 gsm
<b>Finishing modes (optional)</b>	Offset; group; sort; staple; punch; centre-fold; letter fold; booklet
<b>Output capacity (w. finisher)</b>	Max.: 3,200 sheets

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

## SYSTEM FEATURES

<b>Security</b>	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)
<b>Accounting</b>	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
<b>Software</b>	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

<sup>1</sup> Warm up time may vary depending on the operating environment and usage

\*Typical Electricity Consumption (weekly) by Energy Star regulations

- 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.
- 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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**Simitri HD**  
High Definition Polymerised Toner



**SAP**® Printer Vendor Solution

**Simitri**  
with Biomass

**CORTADO**  
Cloud Printing Ready

