



KONICA MINOLTA

bizhub C284 DATASHEET

✦ Colour A3 multifunctionality

✦ Up to 28 colour pages per minute

✦ Functionality



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

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

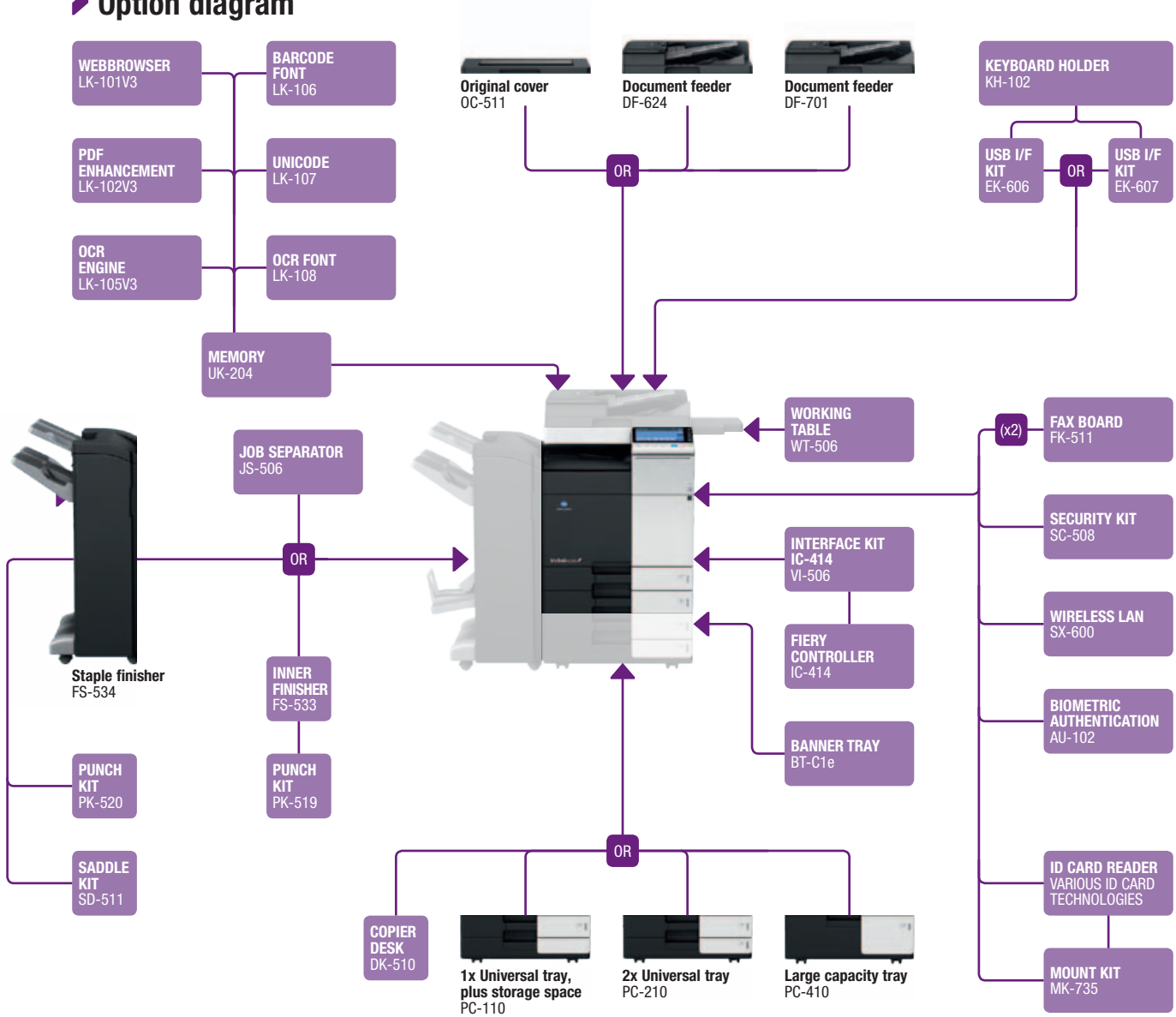
Faxing



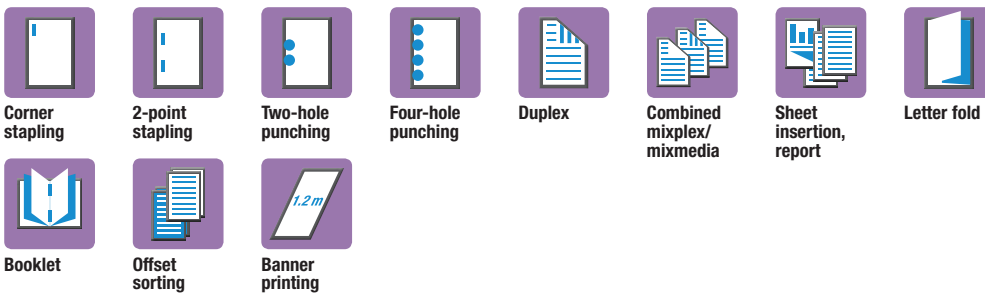
Technology



Option diagram



Finishing options



Descriptions

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|--|--|
| bizhub C284 | Communication centres with 28 ppm b/w and 28 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 |

| | |
|-----------------------------------|--|
| 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 |
| 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 Web browser | 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 |
| OC-511 ORIGINAL COVER | Cover instead of ADF |
| DF-624 DOCUMENT FEEDER | Reverse automatic document feeder, capacity 100 originals |
| DF-701 DOCUMENT FEEDER | Dualscan automatic document feeder, capacity 100 originals |

Technical specifications

COPIER SPECIFICATIONS

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|--|--|
| Copying process | Electrostatic laser copy Tandem indirect |
| Toner system | Simitri HD®- polymerised toner |
| Copy/print speed A4 (mono/colour) | Up to 28 cpm |
| Copy/print speed A3 (mono/colour) | Up to 28 cpm |
| Copy/print speed A3 (mono/colour) | Up to 14 cpm |
| Autoduplex speed A4 (mono/colour) | Up to 14 cpm |
| Autoduplex speed A4 (mono/colour) | Up to 28 cpm |
| Autoduplex speed A4 (mono/colour) | Up to 28 cpm |
| 1st copy/print time (mono/colour) | 5.9/7.7 |
| Warm-up time | Approx. 20 sec. ¹ |
| Copy resolution | 600 x 600 dpi |
| Gradation | 256 gradations |
| 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; stamping; copy protection |

PRINTER SPECIFICATIONS

| | |
|----------------------------------|---|
| Print resolution | 1,800 x 600 dpi 1,200 x 1,200 dpi |
| Controller CPU | PowerPC MPC8536 @ 1.0 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)

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|----------------------------------|---|
| 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

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|-------------------------------|--|
| 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

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|-------------------------|---|
| 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

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| 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

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|---------------------------------------|---|
| 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 R-ADF, 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.: 3,650 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 |
| 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 |

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|--|---|
| 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 27,000; CMY 25,000 |
| Imaging unit lifetime | Black 120,000/600,000 (Drum/Developer) CMY 75,000/600,000 (Drum/Developer) |
| Power consumption | Less than 1.58 KW (system) TEC* 2.04 |
| System dimensions (W x D x H, mm) | 615 x 685 x 779 (excl. ADF and lower paper tray unit) |
| System weight | Approx. 85 kg |

SYSTEM FEATURES

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|-------------------|---|
| 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

Simitri
with Biomass

CORTADO
Cloud Printing Ready

