



KONICA MINOLTA

# bizhub 227

✓ Black & white A3 multifunctional

✓ Up to 22 pages per minute

## Functionality



Copying

- Black & white



Printing

- Black & white
- PCL/PS
- Local/Network
- USB
- Mobile



Scanning

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



Faxing

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



Box

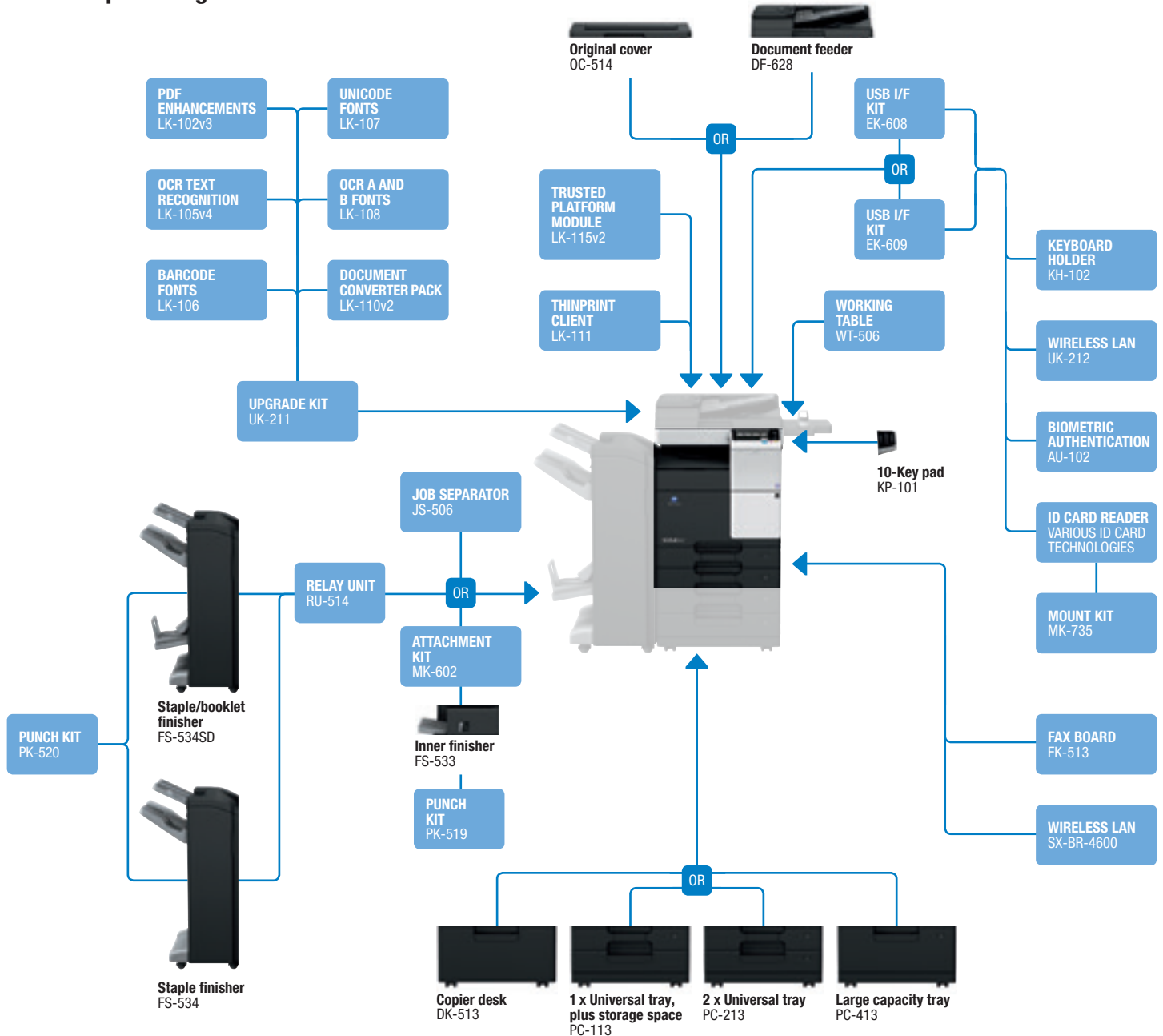
- Reprint
- Distribution
- Sharing
- Box-to-Box
- Box-to-USB



## Technology

|                                 |  |   |
|---------------------------------|--|---|
| Emperon™ – print controller     | Easily compatible with different users and IT environments through Konica Minolta's unified print technology | ✓ |
| Simitri® HD – polymerised toner | Delivers high print quality and yet ensures reduced print spending as well as lower environmental impact     | ✓ |
| OpenAPI – solution platform     | Server-based applications provide efficient workflows for the entire MFP fleet                               | ✓ |
| i-Option – special feature      | Offers extended scope and advanced MFP functionality in line with individual requirements                    | ✓ |
| CSRC – remote service           | Keeps productivity up with online monitoring of devices and consumables through the Konica Minolta service   | ✓ |
| IWS – panel customisation       | Improved user-device interaction and enhanced productivity through full MFP panel customisation              | ✓ |

## Option diagram



## Finishing functionalities



## Descriptions

|                                       |  |
|---------------------------------------|--|
| <b>bizhub 227</b>                     | Communication centre with 22 ppm b/w. Standard Emperon™ print controller with PCL 6 (PCL 5 + XL 3.0), PostScript 3, PDF 1.7, XPS and OOXML support. Paper capacity of 500 + 500 sheets and 100-sheet manual bypass. Media from A6 to A3 and 60 – 220 gsm. 2 GB memory, 250 GB hard disk and Gigabit Ethernet standard. |
| <b>DF-628 Document feeder</b>         | Reversing automatic document feeder, capacity 100 originals  |
| <b>OC-514 Original cover</b>          | Cover instead of ADF   |
| <b>PC-113 1 x Universal tray</b>      | A5–A3, 500 sheets, 60–220 gsm  |
| <b>PC-213 2 x Universal tray</b>      | A5–A3, 2 x 500 sheets, 60–220 gsm  |
| <b>PC-413 Large capacity tray</b>     | A4, 2,500 sheets, 60–220 gsm   |
| <b>DK-513 Copier desk</b>             | Provides storage space for print media and other materials   |
| <b>MK-602 Attachment kit</b>          | For FS-533 installation  |
| <b>FS-533 Inner finisher</b>          | 50-sheet stapling, 500 sheets max. output  |
| <b>PK-519 Punch kit for FS-533</b>    | 2/4 hole punching, autoswitching   |
| <b>FS-534 Staple finisher</b>         | 50-sheet stapling, 3,300 sheets max. output  |
| <b>FS-534SD Booklet finisher</b>      | 50-sheets staple finisher, 20-sheets booklet finisher, 2,300 sheets max. output  |
| <b>RU-514 Relay unit for FS-534</b>   | For FS-534 installation  |
| <b>PK-520 Punch kit for FS-534/SD</b> | 2/4 hole punching, autoswitching   |
| <b>JS-506 Job separator</b>           | Separation for fax output etc.   |

|   |  |
|---|--|
| <b>KP-101 10-Key pad</b>                | For use instead of touchscreen   |
| <b>WT-506 Working table</b>             | Authentication device placement  |
| <b>FK-513 Fax board</b>                 | G3 fax, digital fax functionality  |
| <b>KH-102 Keyboard holder</b>           | To place USB keyboard  |
| <b>EK-608 USB I/F kit</b>               | USB keyboard connection  |
| <b>EK-609 USB I/F kit</b>               | USB keyboard connection, Bluetooth (available from Sept. 2015 onwards)   |
| <b>ID card reader</b>                   | Various ID card technologies   |
| <b>MK-735 Mount kit</b>                 | Installation kit for ID card reader                                      |
| <b>AU-102</b>                           | Finger vein scanner  |
| <b>Biometric authentication</b>         |  |
| <b>LK-102v3</b>                         | PDF/A, PDF encryption, digital signature                                 |
| <b>PDF enhancements</b>                 |  |
| <b>LK-105v4</b>                         | Searchable PDF and PPTX  |
| <b>OCR text recognition</b>             |  |
| <b>LK-106 Barcode fonts</b>             | Supports native barcode printing   |
| <b>LK-107 Unicode fonts</b>             | Supports native Unicode printing   |
| <b>LK-108 OCR A and B fonts</b>         | Supports native OCR A and B font printing                                |
| <b>LK-110v2 Document converter pack</b> | Generates various file formats incl. DOCX, XLSX and PDF/A                |
| <b>LK-111 ThinPrint® Client</b>         | Print data compression for reduced network impact                        |
| <b>LK-115v2 TPM activation</b>          | Trusted Platform Module for protection of data encryption and decryption |
| <b>UK-211 Upgrade kit</b>               | 2 GB memory extension for upgrades                                       |
| <b>UK-212 Wireless LAN</b>              | Wireless LAN and wireless LAN Access Point Mode                          |
| <b>SX-BR-4600 Wireless LAN</b>          | Wireless LAN to network connector  |

## Technical specifications

### SYSTEM SPECIFICATIONS

|   |  |
|---|--|
| <b>System memory</b>                      | 2,048 MB (standard)  |
| <b>System hard disk</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 (FTP; SMB; SMTP; WebDAV) (IPv4/IPv6)  |
| <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<br>RADF optional available                      |
| <b>Printable paper size</b>               | A5–A3; A6S; Thick Paper X/Y size input range: Width: 90–297 mm; Length: 139.7–431.8 mm |
| <b>Printable paper weight</b>             | 60–220 gsm   |
| <b>Paper input capacity</b>               | Standard: 1,100 sheets<br>Max.: 3,600 sheets   |
| <b>Tray 1</b>                             | 500 sheets; A5–A4; 60–220 gsm  |
| <b>Tray 2</b>                             | 500 sheets; A5–A3; 60–220 gsm  |
| <b>Tray 3 (optional)</b>                  | 500 sheets; A5–A3; 60–220 gsm  |
| <b>Tray 4 (optional)</b>                  | 2 x 500 sheets; A5–A3; 60–220 gsm  |
| <b>Large capacity tray (optional)</b>     | 2,500 sheets; A4; 60–220 gsm   |
| <b>Manual bypass</b>                      | 100 sheets; A6–A3; custom sizes; 60–220 gsm  |
| <b>Automatic duplexing</b>                | A5–A3; 60–209 gsm  |
| <b>Finishing modes (optional)</b>         | Offset; group; sort; staple; punch; centre-fold; letter fold; booklet                  |
| <b>Output capacity (with finisher)</b>    | Max.: 3,300 sheets   |
| <b>Output capacity (without finisher)</b> | Max.: 250 sheets   |
| <b>Stapling</b>                           | Max.: 50 sheets or<br>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<br>19 sheets + 1 cover sheet (up to 209 gsm)                        |
| <b>Booklet output capacity</b>            | Max.: 100 sheets (tray); unlimited   |
| <b>Copy/print volume (monthly)</b>        | Rec.: 10,000 pages<br>Max. <sup>1</sup> : 19,000 pages                                 |
| <b>Toner lifetime</b>                     | 23,000 pages   |
| <b>Imaging unit lifetime</b>              | 80,000 pages/600,000 pages (Drum/Developer)  |
| <b>Power consumption</b>                  | 220–240 V / 50/60 Hz; Less than 1.5 kW (system)  |
| <b>System dimensions (W x D x H)</b>      | 585 x 660 x 735 mm (Standard configuration of main body)                               |
| <b>System weight</b>                      | Approx. 56.5 kg  |

### COPIER SPECIFICATIONS

|                            |   |
|----------------------------|---|
| <b>Copying process</b>     | Electrostatic laser copy; indirect  |
| <b>Toner system</b>        | Simitri® HD polymerised toner   |
| <b>Copy/print speed A4</b> | Up to 22 ppm  |
| <b>Copy/print speed A3</b> | Up to 14 ppm  |
| <b>Autoduplex speed A4</b> | Up to 22 ppm  |
| <b>1st copy out time</b>   | 5.3 sec.  |
| <b>Warm-up time</b>        | Approx. 20 sec. <sup>2</sup>  |
| <b>Copy resolution</b>     | 600 x 600 dpi   |
| <b>Gradation</b>           | 256 gradations  |
| <b>Multicopy</b>           | 1–9,999   |
| <b>Original format</b>     | A5–A3   |
| <b>Magnification</b>       | 25–400% in 0.1% steps; auto-zooming   |
| <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 (optional); stamping |

<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

<sup>2</sup> Warm-up time may vary depending on the operating environment and usage

**PRINTER SPECIFICATIONS**

|                                  |  |
|----------------------------------|--|
| <b>Print resolution</b>          | 1,800 (equivalent) x 600 dpi   |
| <b>Page description language</b> | PCL 6 (PCL 5 + XL 3.0); PostScript 3 (CPSI 3016); XPS  |
| <b>Operating systems</b>         | Windows VISTA (32/64)<br>Windows 7 (32/64)<br>Windows 8 (32/64)<br>Windows 8.1 (32/64)<br>Windows Server 2003/2003 R2<br>Windows Server 2008/2008 R2 (32/64)<br>Windows Server 2012/2012 R2 (64)<br>Macintosh OS X 10.x<br>Unix; Linux; Citrix |
| <b>Printer fonts</b>             | 80 PCL Latin; 137 PostScript 3 Emulation Latin   |
| <b>Print functions</b>           | Direct print of PCL; PS; TIFF; XPS; PDF (v1.7); encrypted PDF files and OOXML (DOCX; XLSX; PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; carbon copy print  |
| <b>Mobile Printing</b>           | AirPrint (iOS); Mopria (Android); Google Cloud Print (optional); WiFi Direct (optional); Konica Minolta Print Service (Android); PageScope Mobile (iOS & Android); NFC Authentication and Pairing (Android)                                    |

**SCANNER SPECIFICATIONS**

|   |   |
|---|---|
| <b>Scan speed (with optional document feeder) (mono/colour)</b> | Up to 45 ipm  |
| <b>Scan resolution</b>  | Max.: 600 x 600 dpi   |
| <b>Scan modes</b>   | Scan-to-eMail (Scan-to-Me)<br>Scan-to-SMB (Scan-to-Home)<br>Scan-to-FTP<br>Scan-to-Box<br>Scan-to-USB<br>Scan-to-WebDAV<br>Scan-to-DPWS<br>Network TWAIN scan |
| <b>File formats</b>   | TIFF; PDF; Compact PDF; JPEG; XPS; Compact XPS; DOCX; XLSX; searchable PDF; PDF/A; linearized PDF   |
| <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>     | G3  |
| <b>Fax transmission</b> | Analogue<br>i-Fax<br>Colour i-Fax (RFC3949-C)<br>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 e-mail/FTP/SMB; up to 400 job programs |

**USER BOX SPECIFICATIONS**

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

**SYSTEM FEATURES**

|                   |  |
|-------------------|--|
| <b>Security</b>   | ISO15408/IEEE 2600.1 compliant (in evaluation);<br>IP filtering and port blocking;<br>SSL2; SSL3 and TLS1.0 network communication;<br>IPsec support; IEEE 802.1x support; user authentication;<br>Authentication log; secure print;<br>Hard disk overwrite (8 standard types);<br>Hard disk data encryption (AES 256);<br>Memory data auto deletion; Confidential fax receipt;<br>Print user data encryption |
| <b>Accounting</b> | Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder)<br>User function access definition<br>Biometric authentication (finger vein scanner) optional<br>ID card authentication (ID card reader) optional   |
| <b>Software</b>   | PageScope Net Care Device Manager<br>PageScope Data Administrator<br>PageScope Box Operator<br>PageScope Direct Print<br>Print Status Notifier<br>Driver Packaging Utility<br>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.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.
- All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

