



KONICA MINOLTA

# bizhub C224 DATASHEET

- ✓ Colour A3 multifunctionality
- ✓ Up to 22 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



SOUTHWEST  
DIGITAL  
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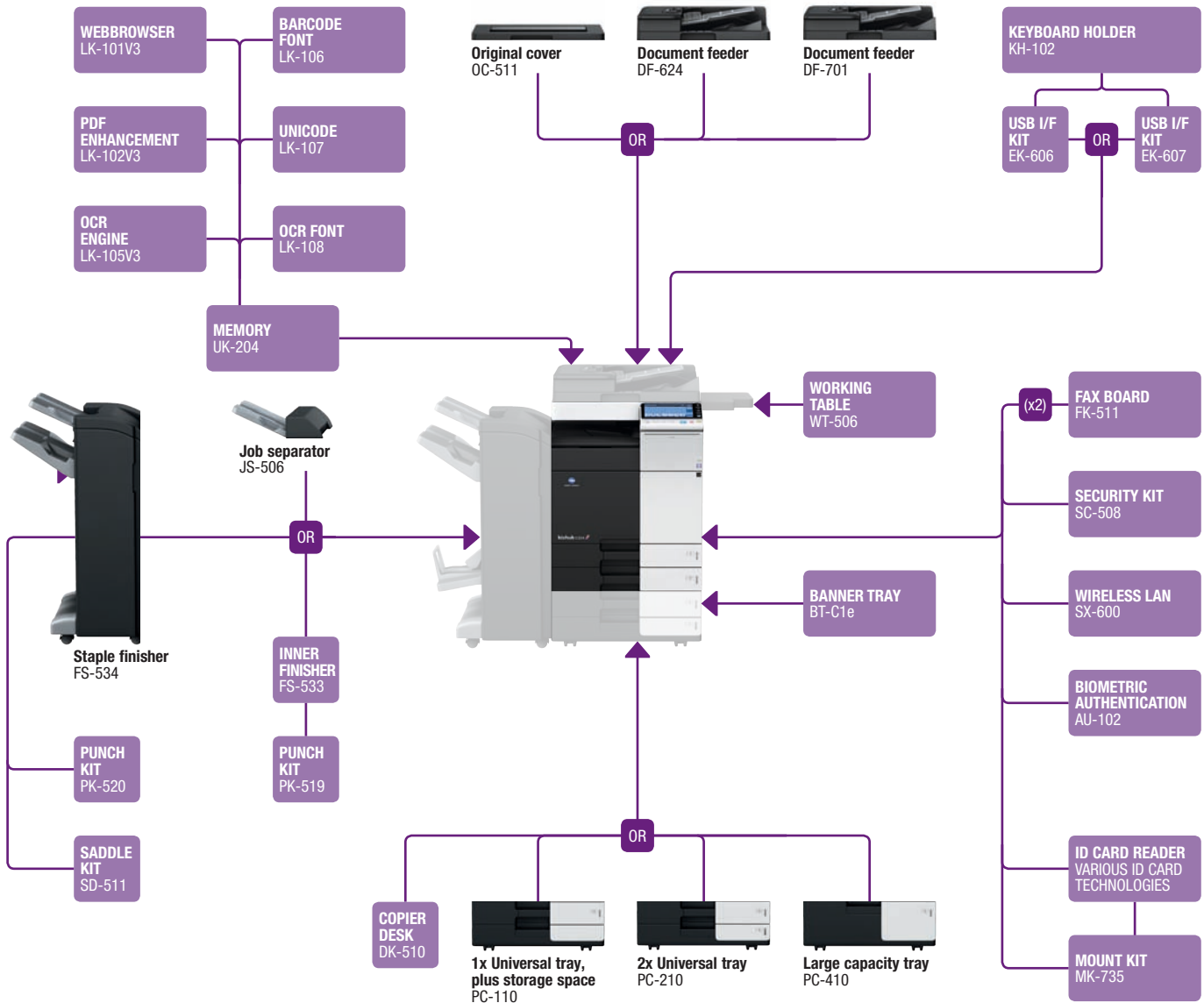
Giving Shape to Ideas



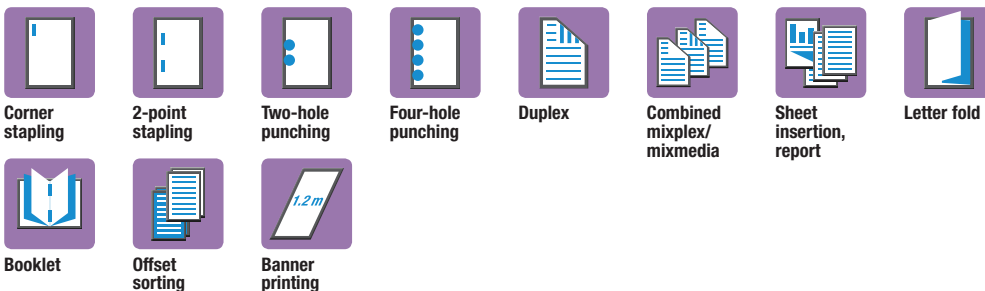
## Technology



## Option diagram



## Finishing options



## Descriptions

|  |  |
|--|--|
| <b>bizhub C224</b>                     | Communication centres with 22 ppm b/w and 22 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>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, 300 sheets max. output   |
| <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>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 Web browser</b>       | Web browser 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                  |
| <b>OC-511 ORIGINAL COVER</b>      | Cover instead of ADF                                       |
| <b>DF-624 DOCUMENT FEEDER</b>     | Reverse automatic document feeder, capacity 100 originals  |
| <b>DF-701 DOCUMENT FEEDER</b>     | Dualscan automatic document feeder, capacity 100 originals |

## Technical specifications

### COPIER SPECIFICATIONS

|  |   |
|--|---|
| <b>Copying process</b>                   | Electrostatic laser copy<br>Tandem<br>indirect  |
| <b>Toner system</b>                      | Simitri HD®- polymerised toner  |
| <b>Copy/print speed A4 (mono/colour)</b> | Up to 22 cpm  |
| <b>Copy/print speed A3 (mono/colour)</b> | Up to 14 cpm  |
| <b>Autoduplex speed A4 (mono/colour)</b> | Up to 22 cpm  |
| <b>1st copy/print time (mono/colour)</b> | 6.9/8.3   |
| <b>Warm-up time</b>                      | Approx. 20 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<br>1,200 x 1,200 dpi  |
| <b>Controller CPU</b>            | PowerPC MPC8536 @ 800 MHz   |
| <b>Page description language</b> | PCL 6c (PCL 5c + XL3.0)<br>PostScript 3 (CPSI 3016)<br>XPS  |
| <b>Operating systems</b>         | Windows 2000/XP/XP64<br>Windows VISTA 32/64<br>Windows 7 32/64<br>Server 2000/2003/2003x64/2008/2008x64/2008 (R2)<br>Macintosh 9.x/10.x<br>Unix/Linux/Citrix  |
| <b>Printer fonts</b>             | 80x PCL Latin<br>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 |

### 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<br>Scan-to-email (scan-to-Me)<br>Scan-to-FTP<br>Scan-to-SMB (scan-to-Home)<br>Scan-to-Box<br>Scan-to-WebDAV<br>Scan-to-DPWS<br>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  |



# bizhub

## FAX SPECIFICATIONS

|                         |   |
|-------------------------|---|
| <b>Fax standard</b>     | Super G3 (optional)   |
| <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;<br>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<br>Personal (with password or authentication)<br>Group (with authentication)    |
| <b>Type of system boxes</b>    | Secure print<br>Encrypted PDF print<br>Fax receiving<br>Fax polling                    |
| <b>User box functionality</b>  | Reprint; combination<br>Download<br>Sending (email/FTP/SMB and Fax)<br>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);<br>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<br>R-ADF, Dualscan ADF   |
| <b>Printable paper size</b>          | A6-SRA3, customised paper sizes;<br>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<br>Max.: 3,650 sheets  |
| <b>Paper trays standard</b>          | Tray 1: 500 sheets, A5-A3, 52-256 gsm<br>Tray 2: 500 sheets, A5-SRA3, 52-256 gsm<br>Manual Bypass: 150 sheets, A6-SRA3, custom sizes,<br>banner, 60-300 gsm           |
| <b>Paper trays optional</b>          | Universal tray (1): 1x 500 sheets, A5-A3, 52-256 gsm<br>Universal tray (2): 2x 500 sheets, A5-A3, 52-256 gsm<br>Large capacity tray (3): 2,500 sheets, A4, 52-256 gsm |
| <b>Automatic duplexing</b>           | A5-SRA3; 52-256 gsm   |
| <b>Finishing modes (optional)</b>    | Offset; group; sort; staple; punch;<br>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>Letterfold</b>                        | Up to 3 sheets   |
| <b>Letterfold 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 27,000; CMY 25,000   |
| <b>Imaging unit lifetime</b>             | Black 70,000/600,000 (Drum/Developer)<br>CMY 55,000/600,000 (Drum/Developer) |
| <b>Power consumption</b>                 | Less than 1.58 KW (system)<br>TEC* 1.67                                      |
| <b>System dimensions (W x D x H, mm)</b> | 615 x 685 x 779 (excl. ADF and lower paper tray unit)                        |
| <b>System weight</b>                     | Approx. 85 kg  |

## SYSTEM FEATURES

|                   |   |
|-------------------|---|
| <b>Security</b>   | ISO 15408 EAL3 (in evaluation); 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 disc overwrite (8 standard types);<br>Hard disc data encryption (AES 128);<br>Memory data auto deletion; Confidential fax receiving;<br>Print user data encryption; Copy Protection (copy guard, password) |
| <b>Accounting</b> | Up to 1,000 user accounts Active Directory support<br>(user name + password + email + smb folder)<br>User function access definition<br>Biometric authentication (finger vein) optional<br>IC-Card authentication (IC-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  |

<sup>1</sup> 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

