# bizhub C284e

◊ Colour A3 multifunctionality

◊ Up to 28 pages per minute

## ✎ Functionality

**Copying**
– Colour
– Black & white

**Printing**
– Colour
– Black & white
– PCL/PS
– Local/Network
– USB

**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**
– Super G3 Fax
– PC-Fax
– i-Fax
– IP-Fax

**Box**
– Reprint
– Distribution
– Sharing
  Box-to-Box
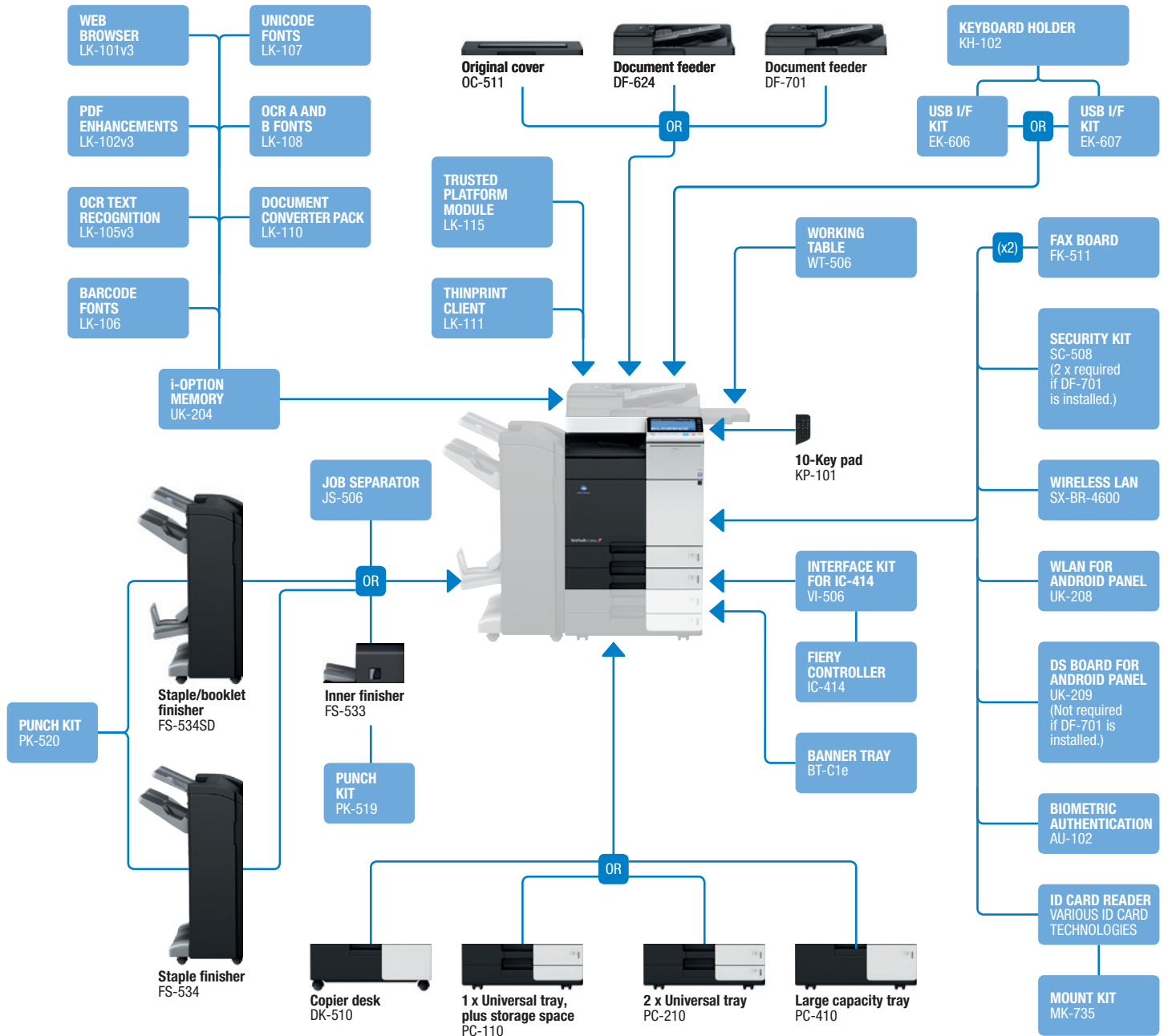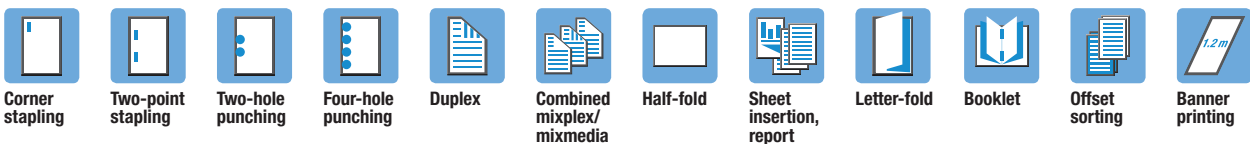– Box-to-USB

KONICA MINOLTA

## ◢ 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

WEB BROWSER
LK-101v3

UNICODE FONTS
LK-107

Original cover
OC-511

Document feeder
DF-624

Document feeder
DF-701

KEYBOARD HOLDER
KH-102

PDF ENHANCEMENTS
LK-102v3

OCR A AND B FONTS
LK-108

OR

USB I/F KIT
EK-606

OR

USB I/F KIT
EK-607

OCR TEXT RECOGNITION
LK-105v3

DOCUMENT CONVERTER PACK
LK-110

TRUSTED PLATFORM MODULE
LK-115

WORKING TABLE
WT-506

(x2)

FAX BOARD
FK-511

BARCODE FONTS
LK-106

THINPRINT CLIENT
LK-111

SECURITY KIT
SC-508
(2 x required if DF-701 is installed.)

i-OPTION MEMORY
UK-204

10-Key pad
KP-101

WIRELESS LAN
SX-BR-4600

JOB SEPARATOR
JS-506

INTERFACE KIT FOR IC-414
VI-506

WLAN FOR ANDROID PANEL
UK-208

OR

FIERY CONTROLLER
IC-414

DS BOARD FOR ANDROID PANEL
UK-209
(Not required if DF-701 is installed.)

Staple/booklet finisher
FS-534SD

Inner finisher
FS-533

BANNER TRAY
BT-C1e

PUNCH KIT
PK-520

PUNCH KIT
PK-519

BIOMETRIC AUTHENTICATION
AU-102

OR

ID CARD READER
VARIOUS ID CARD TECHNOLOGIES

Staple finisher
FS-534

Copier desk
DK-510

1 x Universal tray, plus storage space
PC-110

2 x Universal tray
PC-210

Large capacity tray
PC-410

MOUNT KIT
MK-735

## ◢ Finishing functionalities

| Corner stapling | Two-point stapling | Two-hole punching | Four-hole punching | Duplex | Combined mixplex/ mixmedia | Half-fold | Sheet insertion, report | Letter-fold | Booklet | Offset sorting | Banner printing |

## ⬗ Descriptions

| | |
|---|---|
| **bizhub C284e** | A3 multifunctional with 28 ppm b/w and colour. Standard Emperon™ print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 gsm. 2 GB memory, 250 GB hard disk and Gigabit Ethernet standard. |
| **DF-624 Document feeder** | Reversing automatic document feeder, capacity 100 originals |
| **DF-701 Document feeder** | Dualscan automatic document feeder, capacity 100 originals |
| **OC-511 Original cover** | Cover instead of ADF |
| **PC-110  1 x Universal tray** | A5–A3, 500 sheets, 52–256 gsm |
| **PC-210  2 x Universal tray** | A5–A3, 2 x 500 sheets, 52–256 gsm |
| **PC-410 Large capacity tray** | A4, 2,500 sheets, 52–256 gsm |
| **DK-510 Copier desk** | Provides storage space for print media and other materials |
| **FS-533 Inner finisher** | 50-sheet stapling, 500 sheets max. output |
| **PK-519 Punch kit for FS-533** | 2/4 hole punching, autoswitching |
| **FS-534 Staple finisher** | 50-sheet stapling, 3,300 sheets max. output |
| **FS-534SD Booklet finisher** | 50-sheets staple finisher, 20-sheets booklet finisher, 2,300 sheets max. output |
| **PK-520 Punch kit for FS-534/SD** | 2/4 hole punching, autoswitching |
| **JS-506 Job separator** | Separation for fax output etc. |
| **KP-101 10-Key pad** | For use instead of touchscreen |
| **WT-506 Working table** | Authentication device placement |
| **FK-511 Fax board** | Super G3 fax, digital fax functionality |

| | |
|---|---|
| **IC-414 Fiery controller** | Professional colour print controller |
| **VI-506 Interface kit for IC-414** | Fiery controller interface card |
| **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 |
| **ID card reader** | Various ID card technologies |
| **MK-735 Mount kit** | Installation kit for ID card reader |
| **AU-102 Biometric authentication** | Finger vein scanner |
| **SC-508 Security kit** | Copy Guard function (2 kits required if DF-701 is installed) |
| **BT-C1e Banner tray** | Multipage banner feeding |
| **LK-101v3 Web browser** | Web browser and image panel |
| **LK-102v3 PDF enhancements** | PDF/A (1b), PDF encryption, digital signature |
| **LK-105v3 OCR text recognition** | Searchable PDF and PPTX, PDF/A (1a) |
| **LK-106 Barcode fonts** | Supports native barcode printing |
| **LK-107 Unicode fonts** | Supports native Unicode printing |
| **LK-108 OCR A and B fonts** | Supports native OCR A and B font printing |
| **LK-110 Document converter pack** | Generates various file formats incl. DOCX, XLSX and PDF/A |
| **LK-111 ThinPrint® Client** | Print data compression for reduced network impact |
| **LK-115 TPM activation** | Trusted Platform Module for protection of data encryption and decryption |
| **UK-204 i-Option Memory** | Memory extension for i-Options |
| **UK-208 WLAN for Android panel** | Required for alternative panel on Android platform |
| **UK-209 DS board for Android panel** | Required for alternative panel on Android platform (not required if DF-701 is installed) |
| **SX-BR-4600 Wireless LAN** | Wireless LAN to network connector |

## ⬗ Technical specifications

### SYSTEM SPECIFICATIONS

| | |
|---|---|
| **System memory** | 2,048 MB (standard) |
| **System hard disk** | 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 (optional)** | Up to 100 originals; A6–A3; 35–163 gsm RADF or Dualscan ADF available |
| **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 |
| **Tray 1** | 500 sheets, A5–A3, 52–256 gsm |
| **Tray 2** | 500 sheets, A5–SRA3, 52–256 gsm |
| **Tray 3 (optional)** | 1 x 500 sheets, A5–A3, 52–256 gsm |
| **Tray 4 (optional)** | 2 x 500 sheets, A5–A3, 52–256 gsm |
| **Large capacity tray (optional)** | 2,500 sheets, A4, 52–256 gsm |
| **Manual bypass** | 150 sheets, A6–SRA3, custom sizes, banner, 60–300 gsm |
| **Automatic duplexing** | A5–SRA3; 52–256 gsm |
| **Finishing modes (optional)** | Offset; group; sort; staple; punch; centre-fold; letter fold; booklet |
| **Output capacity (with finisher)** | Max.: 3,300 sheets |
| **Output capacity (without 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 |
| **Letter fold** | Up to 3 sheets |
| **Letter fold 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 (tray); unlimited |
| **Copy/print volume (monthly)** | Rec.: 16,000 pages; Max.[1]: 100,000 pages |
| **Toner lifetime** | Black 27,000 pages; CMY 25,000 pages |
| **Imaging unit lifetime** | Black 120,000 pages/600,000 pages (Drum/Developer) CMY 75,000 pages/600,000 pages (Drum/Developer) |
| **Power consumption** | 220–240 V / 50/60 Hz Less than 1.5 kW (system) |
| **System dimensions (W x D x H)** | 615 x 685 x 779 mm (excl. ADF and lower paper tray unit) |
| **System weight** | Approx. 85 kg |

### COPIER SPECIFICATIONS

| | |
|---|---|
| **Copying process** | Electrostatic laser copy, tandem, indirect |
| **Toner system** | Simitri® HD polymerised toner |
| **Copy/print speed A4 (mono/colour)** | Up to 28 ppm |
| **Copy/print speed A3 (mono/colour)** | Up to 14 ppm |
| **Autoduplex speed A4 (mono/colour)** | Up to 28 ppm |
| **1st copy out time (mono/colour)** | 5.9 sec. 7.7 sec. |
| **Warm-up time** | Approx. 20 sec.[2] |
| **Copy resolution** | 600 x 600 dpi |
| **Gradation** | 256 gradations |
| **Multicopy** | 1–9,999 |
| **Original format** | A5–A3 |
| **Magnification** | 25–400% in 0.1% steps; auto-zooming |
| **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 (optional); stamping; copy protection |

### PRINTER SPECIFICATIONS

| | |
|---|---|
| **Print resolution** | 1,800 x 600 dpi; 1,200 x 1,200 dpi |
| **Page description language** | PCL6 (XL 3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS |
| **Operating systems** | Windows VISTA (32/64) Windows 7 (32/64) Windows 8 (32/64) Windows Server 2003 (32/64) Windows Server 2008 (32/64) Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Macintosh OS X 10.x Unix, Linux, Citrix |
| **Printer fonts** | 80 PCL Latin; 137 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; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy print |

**bizhub** C284e

## 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 VISTA (32/64) |
| | Windows 7 (32/64) |
| | Windows 8 (32/64) |
| | Windows Server 2003 (32/64) |
| | Windows Server 2008 (32/64) |
| | Windows Server 2008 R2 |
| | Windows Server 2012 |
| | Windows Server 2012 R2 |
| | Macintosh OS 9.x/10.x |

## SCANNER SPECIFICATIONS

| | |
|---|---|
| **Scan speed (mono/colour)** | Up to 160 ipm (with optional DF-701) |
| **Scan resolution** | Max.: 600 x 600 dpi |
| **Scan modes** | 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 |
| | Network TWAIN scan |
| **File formats** | JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); compact PDF; encrypted PDF; searchable PDF (optional); XPS; compact XPS; PPTX; searchable DOCX/XLSX/PPTX (optional) |
| **Scan destinations** | 2,100 (single + group); LDAP support |
| **Scan functions** | Annotation (text/time/date) for PDF; up to 400 job programs; real-time 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 e-mail/FTP/SMB; up to 400 job programs |

## USER BOX SPECIFICATIONS

| | |
|---|---|
| **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 receipt |
| | Fax polling |
| **User box functionality** | Reprint; combination |
| | Download |
| | Sending (e-mail/FTP/SMB and Fax) |
| | Copy box to box |

## SYSTEM FEATURES

| | |
|---|---|
| **Security** | ISO 15408 EAL3; IEEE 2600.1 compliant; |
| | IP filtering and port blocking; |
| | SSL2; SSL3 and TSL1.0 network communication; |
| | IPsec support; IEEE 802.1x support; user authentication; |
| | Authentication log; secure print; |
| | Hard disk overwrite (8 standard types); |
| | Hard disk data encryption (AES 128); |
| | Memory data auto deletion; Confidential fax receipt; |
| | Print user data encryption; copy protection (Copy Guard, Password Copy) optional |
| **Accounting** | Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder) |
| | User function access definition |
| | Biometric authentication (finger vein scanner) optional |
| | ID card authentication (ID 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] If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

[2] Warm-up time may vary depending on the operating environment and usage

– 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.
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