



KONICA MINOLTA

bizhub C450i

Color A3 multifunctional

**bizhub
i-SERIES IS
SMARTER
WORKING**
RETHINK IT



Giving Shape to Ideas

CUSTOMER BENEFITS



Intuitive operability
Operate the bizhub like a smartphone or tablet with fully customised user interface



Mobile connectivity
Print anytime from anywhere with Konica Minolta's innovative mobile technologies



Security
Secure network integration, data encryption, hard drive overwrite, and advanced user authentication



Application ecosystem
Enhanced efficiency thanks to Konica Minolta's extensive applications portfolio



Productivity
Reliability, high-speed scanning and printing, combined with powerful finishing functions



Sustainability
Numerous eco features reduce energy consumption and costs

OPTIONS

1 ENHANCED FEATURES

- PDF enhancements LK-102v3
- OCR text recognition LK-105v4
- Barcode fonts LK-106
- Unicode fonts LK-107
- OCR A and B fonts LK-108
- Document converter pack LK-110v2
- ThinPrint® client LK-111
- Serverless pull printing LK-114
- Trusted Platform Module LK-115v2
- Antivirus LK-116
- FOIP activation LK-117



2 CONNECTIVITY

- Fax board FK-514 x2
- Wireless LAN UK-221
- USB I/F kit EK-608
- USB I/F kit EK-609 OR
- Fiery controller IC-420
- Interface kit for IC-420 VI-516
- Interface board for IC-420 UK-115
- Biometric authentication AU-102 OR
- ID card reader
- Mount kit MK-735

3 OTHERS

- Working table WT-506
- 10-Key pad KP-102
- Security kit SC-509
- Replacement SSD EM-908
- Keyboard holder KH-102
- Air cleaning unit CU-102

4 MEDIA INPUT

- 1x Universal tray PC-116 OR
- 2x Universal tray PC-216 OR
- Large capacity tray PC-416 OR
- Large capacity tray PC-417 OR
- Copier desk DK-516x OR
- Large capacity tray LU-302 OR
- Large capacity tray LU-207
- Banner tray BT-C1e

5 MEDIA OUTPUT

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> Output tray OT-513 OR Job separator JS-508 OR | <ul style="list-style-type: none"> Inner finisher FS-533 OR Attachment kit MK-607 OR Punch kit for FS-533 PK-519 | <ul style="list-style-type: none"> Staple finisher FS-539 OR Relay unit RU-513 OR Booklet finisher FS-539SD OR Relay unit RU-513 OR Punch kit for FS-539/SD PK-524 |
| <ul style="list-style-type: none"> Staple finisher FS-540 OR Relay unit RU-513 OR Booklet finisher FS-540SD OR Relay unit RU-513 OR Punch kit for FS-540/SD PK-526 OR Post inserter for FS-540/SD PI-507 OR Job separator for FS-540/SD JS-602 OR Z-fold unit for FS-540/SD ZU-609 | | |

LEGEND

- Mandatory option
- Option
- This option can only be installed with the respective option above it

FINISHING FUNCTIONALITIES

- | | | | | | | | | | | | | | |
|-----------------|--------------------|-------------------|--------------------|--------|---------------------------|-----------|-----------------|------------|---------|----------------|--------|-----------------|---------------------------|
| | | | | | | | | | | | | | |
| Corner stapling | Two-point stapling | Two-hole punching | Four-hole punching | Duplex | Combined mixplex/mixmedia | Half-fold | Sheet insertion | Letterfold | Booklet | Offset sorting | Z-fold | Banner printing | Corner Stapling (offline) |

DESCRIPTION

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|-----------------------------------|--|
| LK-102v3 PDF enhancements | PDF/A(1b), PDF encryption, digital signature |
| LK-105v4 OCR text recognition | Searchable PDF and PPTX |
| 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-110v2 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-114 Serverless pull printing | Secure and Follow Me printing solution requiring no server application |
| LK-115v2 Trusted Platform Module | Trusted Platform Module for protection of data encryption and decryption |
| LK-116 Antivirus | Bitdefender® antivirus provides real time scanning of all incoming and outgoing data |
| LK-117 FOIP activation | Fax over IP networks (T.38), requires fax kit |
| FK-514 Fax board | Super G3 fax, digital fax functionality |
| UK-221 Wireless LAN | Wireless LAN and wireless LAN Access Point Mode |
| EK-608 USB I/F kit | USB keyboard connection |
| EK-609 USB I/F kit | USB keyboard connection; Bluetooth |
| IC-420 Fiery controller | Professional colour print controller |
| VI-516 Interface kit for IC-420 | Fiery controller interface card |
| UK-115 Interface board for IC-420 | Fiery controller interface board |
| AU-102 Biometric authentication | Finger vein scanner |
| ID card reader | Various ID card technologies |
| MK-735 Mount kit | Installation kit for ID card reader |
| WT-506 Working table | Authentication device placement |
| KP-102 10-Key pad | For use instead of touchscreen |
| SC-509 Security kit | Copy guard function |
| EM-908 Replacement SSD | 1 TB SSD to increase storage space |
| KH-102 Keyboard holder | To place USB keyboard |
| CU-102 Air cleaning unit | Improving indoor air quality by reduced emission |
| PC-116 1x Universal tray | 500 sheets, A5-A3, 52-256 g/m ² |
| PC-216 2x Universal tray | 2x 500 sheets, A5-A3, 52-256 g/m ² |
| PC-416 Large capacity tray | 2,500 sheets, A4, 52-256 g/m ² |
| PC-417 Large capacity tray | 1,500 + 1,000 sheets, A5-A4, 52-256 g/m ² |
| LU-302 Large capacity tray | 3,000 sheets, A4, 52-256 g/m ² |

MEDIA INPUT

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|------------------------------------|---|
| LU-207 Large capacity tray | 2,500 sheets, A4-SRA3, 52-256 g/m ² |
| BT-C1e Banner tray | Multipage banner feeding |
| DK-516x Copier desk | Provides storage space for print media and other materials |
| OT-513 Output tray | Output tray used instead of finisher |
| JS-508 Job separator | Separation of fax output; etc. |
| FS-533 Inner finisher | 50-sheet stapling, 500 sheets max. output |
| MK-607 Attachment kit | For FS-533 installation |
| PK-519 Punch kit for FS-533 | 2/4 hole punching, autoswitching |
| FS-539 Staple finisher | 50 sheets stapling; 3,200 sheets max. output |
| FS-539SD Booklet finisher | 50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output |
| PK-524 Punch kit for FS-539/SD | 2/4 hole punching; autoswitching |
| FS-540 Staple finisher | 100 sheets stapling; 3,200 sheets max. output |
| FS-540SD Booklet finisher | 100 sheets stapling; 20 sheets booklet finisher; 2,700 sheets max. output |
| PK-526 Punch kit for FS-540/SD | 2/4 hole punching; autoswitching |
| RU-513 Relay unit | For FS-539/SD or FS-540/SD installation |
| JS-602 Job separator for FS-540/SD | Separation of fax output; etc. |
| PI-507 Post inserter for FS-540/SD | Cover insertion; post finishing |
| ZU-609 Z-fold unit for FS-540/SD | Z-fold for A3 prints |

TECHNICAL SPECIFICATIONS

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|--------------------------------|--|
| System speed A4 | Up to 45/45 ppm (mono/colour) |
| System speed A3 | Up to 22/22 ppm (mono/colour) |
| Autoduplex speed A4 | Up to 45/45 ppm (mono/colour) |
| 1st page out time A4 | 3.8/5.0 sec. (mono/colour) |
| Warm-up time | Approx. 15/17 sec. (mono/colour) ¹ |
| Imaging technology | Laser |
| Toner technology | Simitri® HD polymerised toner |
| Panel size/resolution | 10.1" / 1024 x 600 |
| System memory | 8,192 MB (standard/max) |
| System hard drive | 256 GB SSD (standard) / 1 TB SSD (optional) |
| Interface | 10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional) |
| Network protocols | TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour |
| Automatic document feeder | Up to 300 originals; A6-A3; 35-210 g/m ² ; Dualscan ADF |
| ADF double feed detection | Standard |
| Printable paper size | A6-SRA3; customized paper sizes; banner paper max. 1,200 x 297 mm |
| Printable paper weight | 52-300 g/m ² |
| Paper input capacity | 1,150 sheets / 6,650 sheets (standard/max) |
| Paper tray input (standard) | 1x 500; A6-A3; custom sizes; 52-256 g/m ² 1x 500; A5-SRA3; custom sizes; 52-256 g/m ² |
| Paper tray input (optional) | 1x 500 sheets; A5-A3; 52-256 g/m ² 2x 500 sheets; A5-A3; 52-256 g/m ² 1x 2,500 sheets; A4; 52-256 g/m ² 1x 1,500 + 1x 1,000 sheets; A5-A4; 52-256 g/m ² |
| Large capacity tray (optional) | 1x 3,000; A4; 52-256 g/m ² 1x 2,500; A4-SRA3; custom sizes; 52-256 g/m ² |

SYSTEM SPECIFICATIONS

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|------------------------------|---|
| Manual bypass | 150 sheets; A6-SRA3; custom sizes; banner; 60-300 g/m ² |
| Finishing modes (optional) | Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold |
| Automatic duplexing | A6-SRA3; 52-256 g/m ² |
| Output capacity | Up to 250 sheets / up to 3,300 sheets (standard/max) |
| Stapling | Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m ²) |
| Stapling output capacity | Max. 200 sets |
| Letter fold | Max. 3 sheets |
| Letter fold capacity | Max. 50 sets; unlimited (without tray) |
| Booklet | Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m ²) |
| Booklet output capacity | Max. 35 booklets; unlimited (without tray) |
| Duty cycle (monthly) | Rec. 40,000 pages; Max. 200,000 pages |
| Toner lifetime | Black up to 28,000 pages CMY up to 28,000 pages |
| Imaging unit lifetime | Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 155,000/1,000,000 pages (drum/developer) |
| Power consumption | 220-240 V / 50/60 Hz; Less than 1.58 kW |
| System dimension (W x D x H) | 615 x 688 x 961 mm (without options) |
| System weight | Approx. 100.0 kg (without options) |
| Print resolution | 1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi |
| Page description language | PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS |

PRINTER SPECIFICATIONS

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|----------------------------------|--|
| Operating systems | Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix |
| Printer fonts | 80 PCL Latin; 137 PostScript 3 Emulation Latin |
| Mobile printing | AirPrint (iOS); Mopria (Android); Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android/Windows 10 Mobile) optional: Google Cloud Print; WiFi Direct |
| Print controller | Embedded Fiery IC-420 |
| Controller CPU | AMD GX-424CC @ 2.4 GHz |
| Memory/HDD | 4,096 MB / 500 GB |
| Page description language | Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c |
| Operating systems | Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Linux |
| Scan speed | Up to 140/140 ipm in simplex (mono/colour) Up to 280/280 ipm in duplex (mono/colour) |
| Scan resolution | Up to 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; Scan-to-URL; TWAIN scan |
| File formats | JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX |
| Scan destinations | 2,000 destinations + 100 groups; LDAP support |
| Copy resolution | 600 x 600 dpi |
| Gradation | 256 gradations |
| Multicopy | 1–9,999 |
| Original format | Max. A3 |
| Magnification | 25–400% in 0.1% steps; Auto-zooming |
| Fax standard | Super G3 (optional) |
| Fax transmission | Analogue; i-Fax; Colour i-Fax; IP-Fax |
| Fax resolution | Up to 600 x 600 dpi |
| Fax compression | MH; MR; MMR; JBIG |
| Fax modem | Up to 33.6 Kbps |
| Fax destinations | 2,000 single + 100 groups |
| Storable documents | Up to 3,000 documents or 10,000 pages |
| Type of user boxes | Public; Personal (with password or authentication); Group (with authentication) |

USER BOX SPECIFICATIONS

| | |
|-----------------------------|---|
| Type of system boxes | Secure print; Encrypted PDF print; Fax receipt; Fax polling |
| Security | ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Hard drive overwrite; Hard drive data encryption (AES 256); Confidential fax; Print user data encryption optional: Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard, Password Copy) |
| Accounting | Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Authentication by mobile device (Android) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader); Authentication by mobile device (iOS) |
| Software | Net Care Device Manager; Data Administrator; Box Operator; Web Connection; Print Status Notifier; Driver Packaging Utility; Log Management Utility |

¹ Warm-up time may vary depending on the operating environment and usage

² If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

- All specifications refer to A4-size paper of 80 g/m² 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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