



KONICA MINOLTA

bizhub 450i

Black & White A3 multifunctional

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



Giving Shape to Ideas

CUSTOMER BENEFITS



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



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



Sustainability
Numerous eco features reduce energy consumption and costs



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



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



Services
Efficient printer fleet management, including automatic consumables delivery, pro-active maintenance and remote setup

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
- Antivirus
LK-116
- FOIP IP Fax (T.38)
LK-117



2 CONNECTIVITY

- Fax board
FK-514 x2
- Wireless LAN
UK-221
- USB I/F kit
EK-608 OR
- USB I/F kit
EK-609
- 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

4 MEDIA INPUT

- Intelligent media sensor
IM-102
- 1x Universal tray
PC-116
- 2x Universal tray
PC-216 OR
- Large capacity tray
PC-416 OR
- Large capacity tray
PC-417 OR
- Copier desk
DK-516
- Large capacity tray
LU-302 OR
- Large capacity tray
LU-207 OR
- Banner tray
MK-730

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 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 Relay unit RU-513 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 Relay unit RU-513 Punch kit for FS-540/SD PK-526 Post inserter for FS-540/SD PI-507 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 | Three-hole punching | Duplex | Combined mixplex/mixmedia | Half-fold | Sheet insertion | Tri-fold | Booklet | Offset sorting | Z-fold | Banner printing | Corner Stapling (offline) |

DESCRIPTION

ENHANCED FEATURES

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

CONNECTIVITY

| | |
|---------------------------------|---|
| 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 |
| AU-102 Biometric authentication | Finger vein scanner |
| ID card reader | Various ID card technologies |
| MK-735 Mount kit | Installation kit for ID card reader |

OTHERS

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

MEDIA INPUT

| | |
|---------------------------------|---|
| IM-102 Intelligent media sensor | Auto detects paper weight and type |
| PC-116 1x Universal tray | 500 sheets, 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² |

MEDIA INPUT

| | |
|----------------------------|---|
| PC-216 2x Universal tray | 2x 500 sheets, 5.5" x 8.5" - 11" x 17" / 52-256 g/m ²² |
| PC-416 Large capacity tray | 2,500 sheets, 8.5" x 11" / 52-256 g/m ² |
| PC-417 Large capacity tray | 1,500 + 1,000 sheets, 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m ² |
| LU-302 Large capacity tray | 3,000 sheets, 8.5" x 11" / 52-256 g/m ² |
| LU-207 Large capacity tray | 2,500 sheets, 8.5" x 11" - 12" x 18" / 52-256 g/m ² |
| MK-730 Banner tray | Multipage banner feeding |

MEDIA OUTPUT

| | |
|------------------------------------|--|
| 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 | 2/3-hole punching, auto switching |
| FS-539 Staple finisher | 50-sheet stapling; 3,200 sheets max. output |
| FS-539SD Booklet finisher | 50-sheet stapling; 20 sheets booklet finisher; 2,200 sheets max. output |
| PK-524 Punch kit for FS-539/SD | 2/3-hole punching; auto switching |
| FS-540 Staple finisher | 100 sheets stapling; 3,200 sheets max. output |
| FS-540SD Booklet finisher | 100-sheet stapling; 20 sheets booklet finisher; 2,700 sheets max. output |
| PK-526 Punch kit for FS-540/SD | 2/3-hole punching; auto switching |
| 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 11" x 17" prints |

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

| | |
|------------------------------|---|
| System speed 8.5" x 11" | Up to 45 ppm |
| System speed 11" x 17" | Up to 22 ppm |
| Autoduplex speed 8.5" x 11" | Up to 45 ppm |
| 1st page out time 8.5" x 11" | 3.8 sec. |
| Warm-up time | Approx. 15 sec. ¹ |
| Imaging technology | Laser |
| Toner technology | Simitri® HD polymerized 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) |
| Automatic document feeder | Up to 300 originals; A6-A3; 35-210 g/m ² ; Dual scan ADF |
| ADF double feed detection | Standard |
| Printable paper size | 3.5" x 5.5" - 12" x 18" / customized paper sizes / banner paper max. 47.2" x 11.7" |
| Printable paper weight | 52-300 g/m ² |
| Paper input capacity | 1,150 sheets / 6,650 sheets (standard/max) |
| Paper tray input (standard) | 1 x 500 / 3.5" x 5.8" - 11" x 17" / custom sizes / 52-256 g/m ² 1 x 500 / 5.5" x 8.5" - 12" x 18" / custom sizes / 52-256 g/m ² |
| Paper tray input (optional) | 1 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² 2 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² 1 x 2,500 / 8.5" x 11" / 52-256 g/m ² 1 x 1,500 + 1 x 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m ² |

SYSTEM SPECIFICATIONS

| | |
|--------------------------------|--|
| Large capacity tray (optional) | 1 x 3,000 / 8.5" x 11" / 52-256 g/m ² 1 x 2,500 / 8.5" x 11" - 12" x 18" / custom sizes / 52-256 g/m ² |
| Manual bypass | 150 sheets / 3.5" x 5.5" - 12" x 18" / 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 | 4.1" x 5.5" - 12" x 18" / 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 |
| Tri-fold | Max. 3 sheets |
| Tri-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. ² 200,000 pages |
| Toner lifetime | Black up to 24,000 pages |
| Imaging unit lifetime | Black up to 240,000/1,000,000 pages (drum/developer) |
| Power consumption | 110-120 V / 60 Hz, Less than 1.6 kW |
| System dimension (W x D x H) | 24.2" x 27.1" x 37.8" (without options) |
| System weight | Approx. 220 lb (without options) |

PRINTER SPECIFICATIONS

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|----------------------------------|--|
| Print resolution | 1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi |
| Page description language | PostScript 3 (CPSI 3016); PCL 6 (XL3.0); PCL 5c; XPS |
| 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 |
| Printer fonts | 80 PCL Latin; 137 PostScript 3 Emulation Latin |
| Mobile printing | Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android); AirPrint (iOS); Mopria (Android) optional: WiFi Direct |

SCANNER SPECIFICATIONS

| | |
|--------------------------|--|
| Scan speed | Up to 140 ipm in simplex (mono) Up to 280 ipm in duplex (mono) |
| 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; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX |
| Scan destinations | 2,000 destinations + 100 groups; LDAP support |

COPIER SPECIFICATIONS

| | |
|------------------------|-------------------------------------|
| Copy resolution | 600 x 600 dpi |
| Gradation | 256 gradations |
| Multicopy | 1-9,999 |
| Original format | Max. 11" x 17" |
| Magnification | 25-400% in 0.1% steps; Auto-zooming |

FAX SPECIFICATION

| | |
|-------------------------|------------------------------------|
| Fax standard | Super G3 (optional) |
| Fax transmission | Analog; i-Fax; Color 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 |

USER BOX SPECIFICATIONS

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

SYSTEM FEATURES

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|-------------------|---|
| 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 8.5" x 11"-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 8.5" x 11"). 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.

Simitri HD
High Definition Polymerized Toner

SAP® Printer Vendor
Solution



For complete information on Konica Minolta products and solutions,
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