



KONICA MINOLTA

bizhub 450i

Black & White A3 multifunctional

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



seamless technology integration

MBM Technology Solutions

248.597.1095

www.MBMsolutions.com

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 260,000/1,000,000 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

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

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

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.
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High Definition Polymerized Toner

SAP® Printer Vendor Solution



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seamless technology integration

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Item #: 450iSS
9/2020-Z

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