



BIZHUB 450i / 550i

A3 Multi Function Printer - Mono
45 - 55 ppm

oxbow



KONICA MINOLTA

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

Voice guidance
LK-104v3

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 activation
LK-115v2

Antivirus
LK-116

T.38 IP fax
LK-117



2 CONNECTIVITY

Fax board
FK-514 x2

Wireless LAN
UK-221

USB 1/F kit
EK-608

USB 1/F kit with bluetooth
EK-609

Biometric authentication
AU-102

ID card reader
AU-201S

Mount kit
MK-735

3 OTHERS

Working table
WT-506

10-Key pad
KP-102

Media Sensor
IM-102

Security kit
SC-509

Keyboard holder
KH-102

Cleaning unit
CU-102

Replacement SSD
EM-908

4 MEDIA INPUT

Paper feed cabinet
PC-116, 500x1 OR

Paper feed cabinet
PC-216, 500x2 OR

Paper feed cabinet
PC-416, 2500x1 OR

Paper feed cabinet
PC-417, 1500x1 + 1000x1 OR

Desk
DK-516 OR

Desk
DK-705 OR

Large capacity unit
LU-207

Large capacity unit
LU-302

Banner paper guide
MK-730

5 MEDIA OUTPUT

Output tray
OT-513 OR

Job separator
JS-508 OR

Inner finisher¹
FS-533

Attachment kit¹
MK-607

Punch kit¹
PK-519

Staple finisher, 50 sheets
FS-539

Relay unit
RU-513

Staple/booklet finisher, 50 sheets
FS-539SD

Relay unit
RU-513

Punch kit
PK-524

Staple finisher, 100 sheets
FS-540

Relay unit
RU-513 OR

Staple/booklet finisher, 100 sheets
FS-540SD

Relay unit
RU-513

Punch kit
PK-526

Post inserter
PI-507 OR

Job separator
JS-602

Z-fold unit
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



Tri-fold



Booklet



Offset sorting



Z-fold



Banner printing



Corner Stapling (offline)

DESCRIPTION

ENHANCED FEATURES	
LK-102v3 PDFenhancements	PDF/A(1b), PDF encryption, digital signature
LK-104v3 Voice guidance	Supports voice guidance
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 T.38 IP fax	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
AU-201S 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
IM-102 Media sensor	For detecting types of media
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

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS	
System speed A4	up to 55ppm, up to 45ppm
550i, 450i	
System speed A3	up to 27ppm, up to 22ppm
550i, 450i	
Autoduplex speed A4	up to 55ppm, up to 45ppm
550i, 450i	
1st page out time A4	3.3 sec, 3.8sec.
550i, 450i	
Warm-up time*2	16 sec, 16 sec.
550i, 450i	
Imaging technology	Laser
Toner technology	Simitri® HD polymerised toner
Panel size/resolution	10.1" / 1024 x 600
System memory	8GB
System storage (standard/optional)	256 GB SSD / 1 TB SSD
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/m²; DSDF
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/m²
Paper input capacity (standard/max)	1,250 sheets / 7,300 sheets

MEDIA INPUT	
PC-116 1x Paper feed cabinet	550 sheets, A5-A3, 52-256 g/m2
PC-216 2x Paper feed cabinet	2x 550 sheets, A5-A3, 52-256 g/m2
PC-416 Paper feed cabinet	2,750 sheets, A4, 52-256 g/m2
PC-417 Paper feed cabinet	1,650 + 1,100 sheets, A5-A4, 52-256 g/m2
LU-302 Large capacity unit	3,300 sheets, A4, 52-256 g/m2
LU-207 Large capacity unit	2,750 sheets, A4-SRA3, 52-256 g/m2
MK-730 Banner paper guide	Banner paper feeding
DK-516 Desk	Provides storage space for print media and other materials
DK-705 Desk	Caster table

MEDIA OUTPUT	
OT-513 Output tray	Output tray used instead of finisher
JS-508 Job separator ^{*1}	Separation of fax output; etc.
FS-533 Inner finisher ^{*1}	50-sheet stapling, 500 sheets max. output
MK-607 Fan kit ^{*1}	For FS-533 ventilation
PK-519 Punch kit for FS-533 ^{*1}	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, B4 or Legal prints

SYSTEM SPECIFICATIONS	
Paper tray input	1x 550; A6-A3; custom sizes; 52-256 g/m2 1x 500; A5-SRA3; custom sizes; 52-256 g/m2
Paper feed cabinet (optional)	
PC-116	1x 550 sheets; A5-A3; 52-256 g/m2
PC-216	2x 550 sheets; A5-A3; 52-256 g/m2
PC-416	1x 2,750 sheets; A4; 52-256 g/m2
PC-417	1 X 1,650 + 1 X 1,100 sheets, A5-A4; 52-256 g/m2
Large capacity unit (optional)	
LU-207	1x 2,750; A4-SRA3; custom sizes; 52-256 g/m2
LU-302	1x 3,300; A4; 52-256 g/m2
Manual bypass	150 sheets; A6-SRA3; custom sizes; banner; 60–300 g/m²
Finishing modes (optional)	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Tri-fold; Booklet; Post insertion; Z-fold
Automatic duplexing	A6-SRA3; 52–256 g/m²
Output capacity (standard/max)	Up to 250 sheets / up to 3,300 sheets
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m²)
Stapling output capacity	Max. 200 sets
Tri-fold	Max. 3 sheets
Tri-fold output capacity	Max. 50 sets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m²)
Booklet output capacity	Max. 35 booklets; unlimited (without tray)
Power consumption	220–240 V / 50/60 Hz; Less than 2.00 kW
System dimension (W x D x H)	615 x 688 x 961 mm (without options)
System weight	Approx. 98 kg (without options)

PRINTER SPECIFICATIONS

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
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) Google Cloud Print; Wi-Fi Direct

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	200dpi Simplex, up to 140/140ipm 200dpi Duplex , up to 280/280ipm
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

COPIER SPECIFICATIONS

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 SPECIFICATIONS (OPTION)

Fax standard	Super G3
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

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 functions	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
Security functions (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)
Accounting functions (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

* Tray Capacity is calculated on 70 GSM Media

^{*1} Not applicable to bizhub 650i

^{*2} Warm-up time may vary depending on the operating environment and usage

- 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 (6% 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.
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CONTACT OXBOW:



08610 OXBOW



SALES@OXBOWSA.CO.ZA

oxbow