



KONICA MINOLTA



-  Intuitive operability
-  Security
-  Application ecosystem
-  Productivity
-  Accessibility
-  Services

# **bizhub 458e**

Black & white A3 multifunctional · Up to 45 pages per minute



Giving Shape to Ideas

## Customer benefits



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



**Security**  
Secure network integration, data encryption, HDD 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



**Accessibility**  
Seamless operation of your bizhub device and valuable support for easier access and handling to suit users with special needs



**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
- Serverless pull printing  
LK-114
- Trusted Platform Module activation  
LK-115v2

### 2 CONNECTIVITY

- Fax board  
FK-514 x2
- Wireless LAN  
SX-BR-4600 OR
- Wireless LAN  
UK-215 OR
- Biometric authentication  
AU-102
- ID card reader
- Mount kit  
MK-735
- USB I/F kit  
EK-608 OR
- USB I/F kit  
EK-609
- Keyboard holder  
KH-102



### 3 OTHERS

- Double feed detection kit  
UK-501
- Air cleaning unit  
CU-101
- Hard disk mirroring  
HD-524
- Security kit  
SC-508 x2
- Working table  
WT-506
- 10-Key pad  
KP-101

### 4 MEDIA INPUT

- 1 x Universal tray  
PC-115 OR
- 2 x Universal tray  
PC-215 OR
- Large capacity tray  
PC-415 OR
- Copier desk  
DK-510
- Large capacity tray  
LU-302 OR
- Large capacity tray  
LU-207 OR
- Banner tray  
BT-C1e

### 5 MEDIA OUTPUT

- |  |   |  |  |
|--|---|--|--|
| <ul style="list-style-type: none"> <li>Job separator<br/>JS-506 <span>OR</span></li> <li>Output tray<br/>OT-506 <span>OR</span></li> </ul> | <ul style="list-style-type: none"> <li>Inner finisher<br/>FS-533 <span>OR</span></li> <li>Punch kit<br/>PK-519</li> </ul> | <ul style="list-style-type: none"> <li>Staple finisher<br/>FS-536 <span>OR</span></li> <li>Relay unit<br/>RU-513 <span>OR</span></li> <li>Staple/booklet finisher<br/>FS-536SD <span>OR</span></li> <li>Relay unit<br/>RU-513</li> <li>Punch kit<br/>PK-520</li> </ul> | <ul style="list-style-type: none"> <li>Staple finisher<br/>FS-537 <span>OR</span></li> <li>Relay unit<br/>RU-513 <span>OR</span></li> <li>Staple/booklet finisher<br/>FS-537SD <span>OR</span></li> <li>Relay unit<br/>RU-513</li> <li>Z-fold unit<br/>ZU-609</li> <li>Punch kit<br/>PK-523</li> <li>Post inserter<br/>PI-507 <span>OR</span></li> <li>Job separator<br/>JS-602</li> </ul> |
|--|---|--|--|

### 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, report



Letter-fold



Booklet



Offset sorting



Z-fold



Banner printing

## Descriptions

### bizhub 458e

A3 multifunctional with 45 ppm b/w. Standard Emperon™ print controller with PCL 6, PCL 5, PostScript 3, PDF 1.7, XPS and OOXML support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 g/m<sup>2</sup>. 4 GB memory, 250 GB hard disk and Gigabit Ethernet standard.

### ENHANCED FEATURES

<b>LK-102v3 PDF enhancements</b>	PDF/A; PDF encryption; digital signature
<b>LK-105v4 OCR text recognition</b>	Searchable PDF and PPTX
<b>LK-106 Barcode fonts</b>	Supports native barcode printing
<b>LK-107 Unicode fonts</b>	Supports native Unicode printing
<b>LK-108 OCR A and B fonts</b>	Supports native OCR A and B font printing
<b>LK-110v2 Document converter pack</b>	Generates various file formats incl. DOCX; XLSX and PDF/A
<b>LK-111 ThinPrint® Client</b>	Print data compression for reduced network impact
<b>LK-114 Serverless pull printing</b>	Secure and Follow Me printing solution requiring no server application.
<b>LK-115v2 TPM activation</b>	Trusted Platform Module for protection of data encryption and decryption

### CONNECTIVITY

<b>FK-514 Fax board</b>	Super G3 fax, digital fax functionality
<b>SX-BR-4600 Wireless LAN</b>	Wireless LAN to network connector
<b>AU-102 Biometric authentication</b>	Finger vein scanner
<b>UK-215 Wireless LAN</b>	Wireless LAN and wireless LAN Access Point Mode
<b>ID card reader</b>	Various ID card technologies
<b>MK-735 Mount kit</b>	Installation kit for ID card reader
<b>EK-608 USB I/F kit</b>	USB keyboard connection
<b>EK-609 USB I/F kit</b>	USB keyboard connection; Bluetooth
<b>KH-102 Keyboard holder</b>	To place USB keyboard

## Technical specifications

### SYSTEM SPECIFICATIONS

<b>Panel size/resolution</b>	9" / 800 x 480
<b>System memory (standard/max)</b>	4,096 MB
<b>System hard disk</b>	250 GB (standard)
<b>Interface</b>	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11b/g/n (optional)
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6); NetBEUI; SMB; LPD; IPP; SNMP; HTTP
<b>Automatic document feeder (standard)</b>	Up to 300 originals; A6–A3; 50–210 g/m <sup>2</sup> ; Dualscan ADF
<b>Printable paper size</b>	A6–SRA3; customised paper sizes; banner paper max. 1,200 x 297 mm
<b>Printable paper weight</b>	52–300 g/m <sup>2</sup>
<b>Paper input capacity (standard/max)</b>	1,150 sheets/6,650 sheets
<b>Paper tray input (standard)</b>	1x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> ; 1x 500 sheets; A5–SRA3; 52–256 g/m <sup>2</sup>
<b>Paper tray input (optional)</b>	1x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> ; 2x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> ; 1x 2,500 sheets; A4; 52–256 g/m <sup>2</sup>
<b>Large capacity tray (optional)</b>	1x 3,000 sheets; A4; 52–256 g/m <sup>2</sup> ; 1x 2,500 sheets; A4–SRA3; 52–256 g/m <sup>2</sup>
<b>Manual bypass</b>	150 sheets; A6–SRA3; custom sizes; banner; 60–300 g/m <sup>2</sup>
<b>Automatic duplexing</b>	A6 portrait; A5–SRA3; 52–256 g/m <sup>2</sup>
<b>Finishing modes (optional)</b>	Offset; group; sort; staple; punch; post insertion; half-fold; letter-fold; booklet; z-fold
<b>Output capacity (standard)</b>	Max. 250 sheets
<b>Output capacity (optional)</b>	Max. 3,300 sheets
<b>Stapling</b>	Max. 100 sheets or 94 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )
<b>Stapling output capacity</b>	Max. 1,000 sheets
<b>Letter fold</b>	Max. 3 sheets

### OTHERS

<b>UK-501 Double feed detection kit</b>	Multi-feed detector to reduce errors and paper jams
<b>CU-102 Air cleaning unit</b>	Improving indoor air quality by reduced emissions
<b>WT-506 Working table</b>	Authentication device placement
<b>KP-101 10-Key pad</b>	For use instead of touchscreen
<b>SC-508 Security kit</b>	Copy Guard function (2 kits required)
<b>HD-524 Hard disk mirroring</b>	Back-up HDD

### MEDIA INPUT

<b>PC-115 1 x Universal tray</b>	A5–A3, 500 sheets, 52–256 g/m <sup>2</sup>
<b>PC-215 2 x Universal tray</b>	A5–A3, 2 x 500 sheets, 52–256 g/m <sup>2</sup>
<b>PC-415 Large capacity tray</b>	A4, 2,500 sheets, 52–256 g/m <sup>2</sup>
<b>LU-302 Large capacity tray</b>	A4, 3,000 sheets, 52–256 g/m <sup>2</sup>
<b>LU-207 Large capacity tray</b>	A4–SRA3; 2,500 sheets; 52–256 g/m <sup>2</sup>
<b>BT-C1e Banner tray</b>	Multipage banner feeding
<b>DK-510 Copier desk</b>	Provides storage space for print media and other materials

### MEDIA OUTPUT

<b>JS-506 Job separator</b>	Separation of fax output; etc.
<b>OT-506 Output tray</b>	Output tray used instead of finisher
<b>RU-513 Relay unit</b>	For FS-536/SD or FS-537/SD installation (Max. 100 sheets output capacity)
<b>FS-536 Staple finisher</b>	50-sheet stapling, 3,200 sheets max. output
<b>FS-536SD Staple/booklet finisher</b>	50-sheets staple finisher, 20-sheets booklet finisher, 2,200 sheets max. output
<b>PK-520 Punch kit for FS-536(SD)</b>	2/4 hole punching, autoswitching
<b>FS-537 Staple finisher</b>	100 sheets stapling; 3,200 sheets max. output
<b>FS-537SD Staple/booklet finisher</b>	100-sheets staple finisher; 20-sheets booklet finisher; 2,700 sheets max. output
<b>ZU-609 Z-fold unit for FS-537/SD</b>	Z-fold for A3 prints
<b>PK-523 Punch kit for FS-537/SD</b>	2/4 hole punching; autoswitching
<b>PI-507 Post inserter for FS-537/SD</b>	Cover insertion; post finishing
<b>JS-602 Job separator for FS-537/SD</b>	Separation of fax output; etc.
<b>FS-533 Inner finisher</b>	50-sheet stapling, 500 sheets max. output
<b>PK-519 Punch kit for FS-533</b>	2/4 hole punching, autoswitching

<b>Letter fold capacity</b>	Max. 30 sheets; unlimited (without tray)
<b>Booklet</b>	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )
<b>Booklet output capacity</b>	Max. 100 sheets; unlimited (without tray)
<b>Copy/print volume (monthly)</b>	Rec. 30,000 pages; Max. 200,000 pages <sup>1</sup>
<b>Toner lifetime</b>	Up to 26,000 pages
<b>Imaging unit lifetime</b>	Up to 275,000/600,000 pages (drum/developer)
<b>Power consumption</b>	220–240 V / 50/60 Hz; Less than 2 kW
<b>System dimension (W x D x H)</b>	615 x 755 x 961 mm (without options)
<b>System weight</b>	Approx. 96 kg (without options)

### PRINTER SPECIFICATIONS

<b>Print resolution</b>	1,800 x 600 dpi; 1,200 x 1,200 dpi
<b>Page description language</b>	PCL 6 (XL 3.0); PCL 5; PostScript 3 (CPSI 3016); XPS
<b>Operating System</b>	Windows 7 (32/64); Windows 8/8.1 (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; Macintosh OS X 10.8 or later; Unix; Linux; Citrix
<b>Printer fonts</b>	80 PCL Latin; 137 PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of PCL, PS, TIFF, XPS, PDF (v1.7), encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy print
<b>Mobile printing</b>	AirPrint (iOS); Mopria (Android); Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android/Windows 10 Mobile); Mobile Authentication and Pairing (iOS/Android) optional: Google Cloud Print; WiFi Direct

**SCANNER SPECIFICATIONS**

<b>Scan speed (mono/colour)</b>	Up to 120 ipm in simplex; Up to 240 ipm in duplex
<b>Scan resolution</b>	Up to 600 x 600 dpi
<b>Scan modes</b>	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
<b>File formats</b>	JPEG; TIFF; PDF; compact PDF; encrypted PDF; XPS; compact XPS; PPTX optional: searchable PDF; PDF/A 1a and 1b; searchable DOCX/PPTX/XLSX
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; real-time scan preview

**COPIER SPECIFICATIONS**

<b>Imaging technology</b>	Laser
<b>Toner technology</b>	Simitri® HD polymerised toner/Polymerised toner
<b>Copy/print speed A4</b>	Up to 45 ppm
<b>Copy/print speed A3</b>	Up to 22 ppm
<b>Autoduplex speed A4</b>	Up to 45 ppm
<b>1st copy out time A4</b>	4.0 sec.
<b>Warm-up time</b>	Approx. 20 sec. <sup>2</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1–9,999
<b>Original format</b>	A5–A3; custom sizes
<b>Magnification</b>	25–400% in 0.1% steps; auto-zooming
<b>Copy function</b>	Chapter; cover and page insertion; proof copy (print and screen); adjustment test print; digital art functions; job setting memory; poster mode; image repeat; overlay; stamping; copy protection

**FAX SPECIFICATIONS**

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue; i-Fax; Colour i-Fax; IP-Fax
<b>Fax resolution</b>	Up to 600 x 600 dpi
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,100 (single + group)
<b>Fax functions</b>	Polling; time shift; PC-Fax; receipt to confidential box; Receipt to e-mail/FTP/SMB; up to 400 job programs

**USER BOX SPECIFICATIONS**

<b>Storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public; Personal (with password or authentication); Group (with authentication)
<b>Type of system boxes</b>	Secure print; Encrypted PDF print; Fax receipt; Fax polling
<b>User box functions</b>	Reprint; combination; Download; Sending (e-mail/FTP/SMB and Fax); Copy box to box


**SYSTEM FEATURES**

<b>Security</b>	ISO15408 Common Criteria (in evaluation); IP filtering and port blocking; SSL2; SSL3 and TLS 1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Hard disk overwrite (8 standard types); Hard disk data encryption (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption optional: Hard disk mirroring; Copy protection (Copy Guard, Password Copy)
<b>Accounting</b>	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/iOS) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader)
<b>Software</b>	PageScope Net Care Device Manager; PageScope Data Administrator; PageScope Box Operator; PageScope Direct Print; Print Status Notifier; Driver Packaging Utility; Log Management Utility


<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed


<sup>2</sup> Warm-up time may vary depending on the operating environment and usage

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> 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.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
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PRODUCT PAGE





