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KONICA MINOLTA

bizhub C458

- Colour A3 multifunctional
- Up to 45 pages per minute

Functionality

Printing
- Colour
- Black & white
- PCL/PS
- Local/Network
- USB
- Mobile

Scanning
- Colour
- Black & white
- 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 Network

Copying
- Colour
- Black & white

Faxing
- Super G3 Fax
- PC-Fax
- i-Fax
- IP-Fax

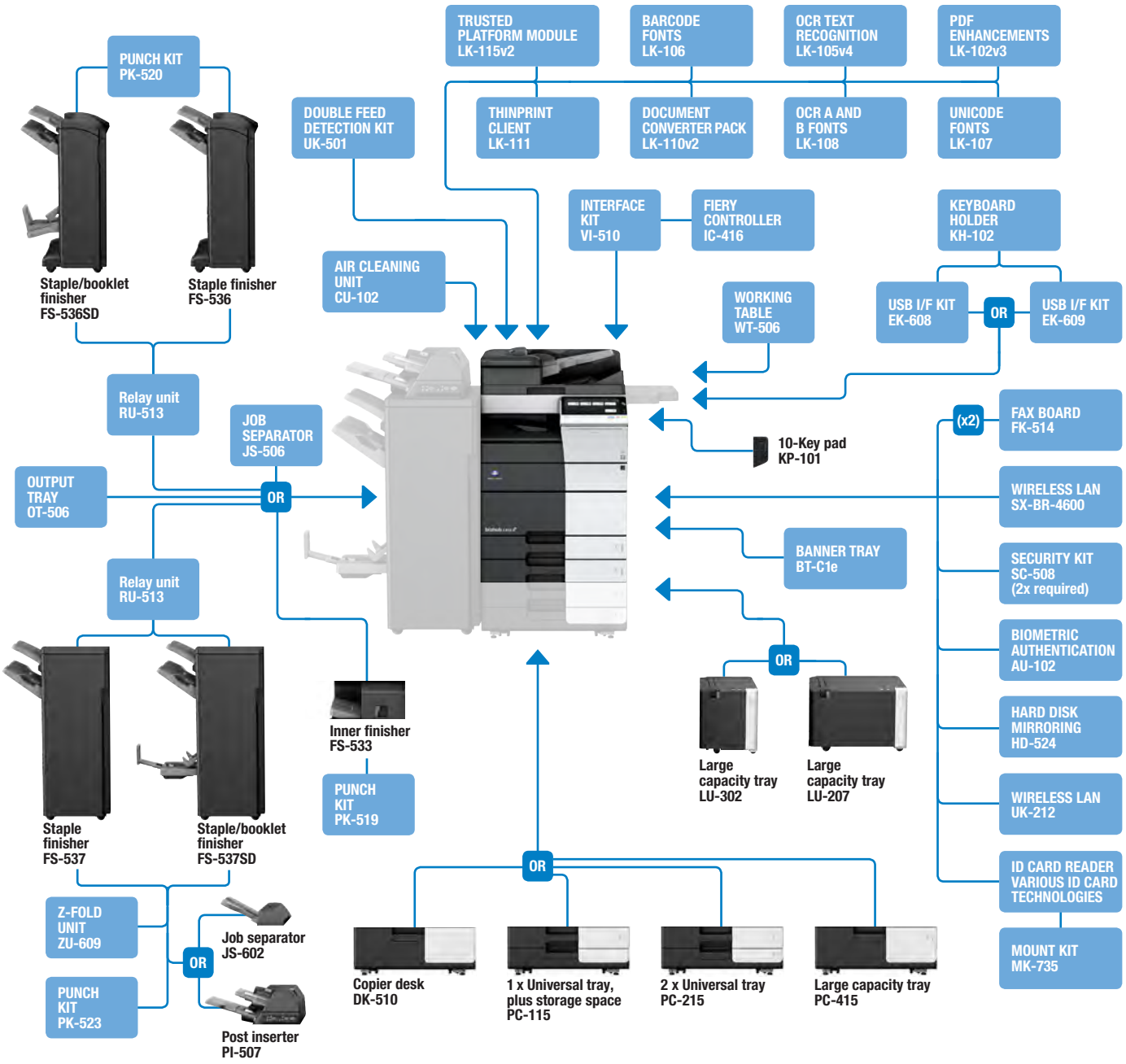
Box
- Reprint
- Distribution
- Sharing
  Box-to-Box
- Box-to-USB

Giving Shape to Ideas

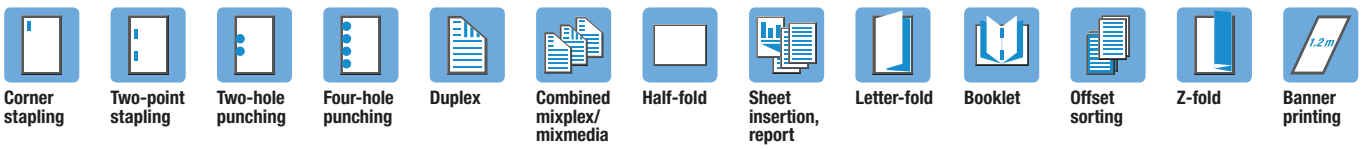
Technology

Emperon™ – print controller	Easily compatible with different users and IT environments through Konica Minolta's unified print technology	4
Simitri® HD – polymerised toner	Delivers high print quality and yet ensures reduced print spending as well as lower environmental impact	4
OpenAPI – solution platform	Server-based applications provide efficient workflows for the entire MFP fleet	4
i-Option – special feature	Offers extended scope and advanced MFP functionality in line with individual requirements	4
CSRC – remote service	Keeps productivity up with online monitoring of devices and consumables through the Konica Minolta service	4
IWS – panel customisation	Improved user-device interaction and enhanced productivity through full MFP panel customisation	4

Option diagram



Finishing functionalities



Descriptions

bizhub C458	A3 multifunctional with 45 ppm b/w and colour. Standard Emperon™ print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS 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/m². 4 GB memory, 250 GB hard disk and Gigabit Ethernet standard
PC-115 1x Universal tray	A5–A3, 500 sheets, 52–256 g/m²
PC-215 2x Universal tray	A5–A3, 2 x 500 sheets, 52–256 g/m²
PC-415 Large capacity tray	A4, 2,500 sheets, 52–256 g/m²
DK-510 Copier desk	Provides storage space for print media and other materials
LU-207 Large capacity tray	A4–SRA3; 2,500 sheets; 52–256 g/m²
LU-302 Large capacity tray	A4; 3,000 sheets; 52–256 g/m²
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-536 Staple finisher	50-sheet stapling; 3,200 sheets max. output
FS-536SD Booklet finisher	50-sheets staple finisher; 20-sheets booklet finisher; 2,200 sheets max. output
RU-513 Relay unit FS-536(SD)/FS-537(SD)	For FS-536(SD)/FS-537(SD) installation
PK-520 Punch kit for FS-536(SD)	2/4 hole punching; autoswitching
FS-537 Staple finisher	100 sheets stapling; 3,200 sheets max. output
PK-523 Punch kit for FS-537(SD)	2/4 hole punching; autoswitching
FS-537SD	Booklet finisher 100-sheets staple finisher; 20-sheets booklet finisher; 2,700 sheets max. output
PI-507 Post inserter for FS-537(SD)	Cover insertion; post finishing
JS-506 Job separator	Separation of fax output; etc.
JS-602 Job separator for FS-537(SD)	Separation of fax output; etc.
ZU-609 Z-fold unit for FS-537(SD)	Z-fold for A3 prints
OT-506 Output tray	Output tray used instead of finisher
KP-101 10-Key pad	For use instead of touchscreen
WT-506 Working table	Authentication device placement
FK-514 Fax board	Super G3 fax; digital fax functionality
IC-416 Fiery controller	Professional colour print controller
VI-510 Interface kit for IC-416	Fiery controller interface card
KH-102 Keyboard holder	To place USB keyboard
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader
AU-102 Biometric authentication	Finger vein scanner
SC-508 Security kit	Copy guard function (2 kits required)
BT-C1e Banner tray	Multi-page banner feeding
LK-102v3 PDF enhancements	PDF/A; 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-115v2 TPM activation	Trusted Platform Module for protection of data encryption and decryption
SX-BR-4600 Wireless LAN	Wireless LAN to network connector
UK-501 Double feed detection kit	Multi-feed detector to reduce errors and paper jams
HD-524 Hard disk mirroring	Back-up HDD
UK-212 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
CU-102 Air cleaning unit	Improving indoor air quality by reduced emissions

Technical specifications

SYSTEM SPECIFICATIONS

System memory (standard/max)	4,096 MB
System hard disk	250 GB (standard)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11b/g/n (optional)
Network protocols	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
Frame types	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
Automatic document feeder (standard/optional)	Up to 300 originals; A6–A3; 35–210 g/m²; Dualscan ADF
Printable paper size	A6–SRA3; customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m²
Paper input capacity (standard/max)	1,150 sheets/6,650 sheets
Paper tray input (standard)	1x 500 sheets; A5–A3; 52–256 g/m²; 1x 500 sheets; A5–SRA3; 52–256 g/m²
Paper tray input (optional)	1x 500 sheets; A5–A3; 52–256 g/m²; 1x 500 sheets; A5–A3; 52–256 g/m²; 1x 2,500 sheets; A4; 52–256 g/m²
Large capacity tray (optional)	1x 3,000 sheets; A4; 52–256 g/m²; 1x 2,500 sheets; A4–SRA3; 52–256 g/m²
Manual bypass	150 sheets; A6–SRA3; custom sizes; banner; 60–300 g/m²
Automatic duplexing	A5–SRA3; 52–256 g/m²
Finishing modes (optional)	Offset; group; sort; staple; punch; post insertion; z-fold; centre-fold; letter fold; booklet
Output capacity (standard)	Max. 250 sheets
Output capacity (optional)	Max. 3,300 sheets
Stapling	Max. 100 sheets or 94 sheets + 2 cover sheets (up to 209 g/m²)
Stapling output capacity	Max. 1,000 sheets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 30 sheets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m²)
Booklet output capacity	Max. 100 booklets; unlimited (without tray)
Copy/print volume (monthly)	Rec. 30,000 pages; Max. 150,000 pages[1]
Toner lifetime	Black up to 28,000 pages; CMY up to 26,000 pages
Imaging unit lifetime	Black up to 135,000/600,000 pages (drum/developer); CMY up to 100,000/600,000 pages (drum/developer)
Power consumption	220–240 V / 50/60 Hz; Less than 1,6 kW
System dimension (W x D x H)	615 x 693 x 961 mm (without options); 615 x 693 x 1,200 mm (with desk/tray)
System weight	Approx. 110 kg (without options)

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1,200 x 1,200 dpi
Page description language	PCL 6 (XL 3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating System	Windows VISTA (32/64); Windows 7 (32/64); Windows 8 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Macintosh OS 10.x; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Print functions	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
Mobile printing	AirPrint (iOS), Mopria (Android), Google Cloud Print (optional), WiFi Direct (optional), Konica Minolta Print Service (Android), PageScope Mobile (iOS, Android & Windows 10 Mobile); Mobile Authentication and Pairing (Android & iOS)

PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-416
Controller CPU	CPU type @ 2.9 GHz
Memory/HDD	2,048 MB / 250 GB
Page description language	Adobe PostScript 3 (CPSI 3020) PCL 6, PCL 5c
Operating systems	Windows VISTA (32/64); Windows 7 (32/64); Windows 8 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Macintosh OS 10.x; Linux

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 120/120 ipm in simplex Up to 240/240 ipm in duplex
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	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF; up to 400 job programs; real-time scan preview

COPIER SPECIFICATIONS

Imaging technology	Laser
Toner technology	Simitri® HD polymerised toner/Polymerised toner
Copy/print speed A4 (mono/colour)	Up to 45/45
Copy/print speed A3 (mono/colour)	Up to 22/22
Autoduplex speed A4 (mono/colour)	Up to 45/45
1st copy out time A4 (mono/colour)	4.0/5.1 sec.
Warm-up time	Approx. 25 sec. in mono; 25 sec in colour[2]
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	A5–A3; custom sizes
Magnification	25–400% in 0.1% steps; auto-zooming
Copy function	Chapter; cover and page insertion; proof copy (print and screen); adjustment test print; digital art functions;

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)
Fax functions	

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
User box functions	Reprint; combination; Download; Sending (e-mail/FTP/SMB and Fax); Copy box to box

SYSTEM FEATURES

Security	ISO15408/IEEE 2600.2 compliant (in evaluation); IP filtering and port blocking; SSL2; SSL3 and TSL1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Hard disk overwrite (8 standard types); Hard disk data encryption (AES 256); Hard disk mirroring (optional); Memory data auto deletion; Confidential fax receipt; Print user data encryption; Copy protection (Copy Guard, Password Copy) optional
Accounting	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Biometric authentication (finger vein scanner) optional; ID card authentication (ID card reader) optional; Authentication by mobile device (Android, iOS)
Software	PageScope Net Care Device Manager; PageScope Data Administrator; PageScope Box Operator; PageScope Direct Print; Print Status Notifier; Driver Packaging Utility; Log Management Utility

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

[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 (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.
- All brand and product names may be registered trademarks or trademarks of their respec-

Simitri HD High Definition Polymerised Toner · Simitri with Biomass · Emperon Driven! · fiery · Windows 10 Compatible · Windows 8 Compatible · Compatible with Windows 7 · Mac

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