bizhub 283

⬦ Black & white A3 multifunctional

⬦ Up to 28 pages per minute

✎ **Functionality**

Copying
– Black & white

Printing
– Black & white
– PCL/PS
– Local/network
– USB

Scanning
– Colour
– Black & white
– TWAIN Network
– Scan-to-SMB
– Scan-to-Box
– Scan-to-eMail
– Scan-to-FTP
– Scan-to-WebDAV
– Scan-to-USB
– Scan-to-Home
– Scan-to-Me
– Scan-to-DPWS

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

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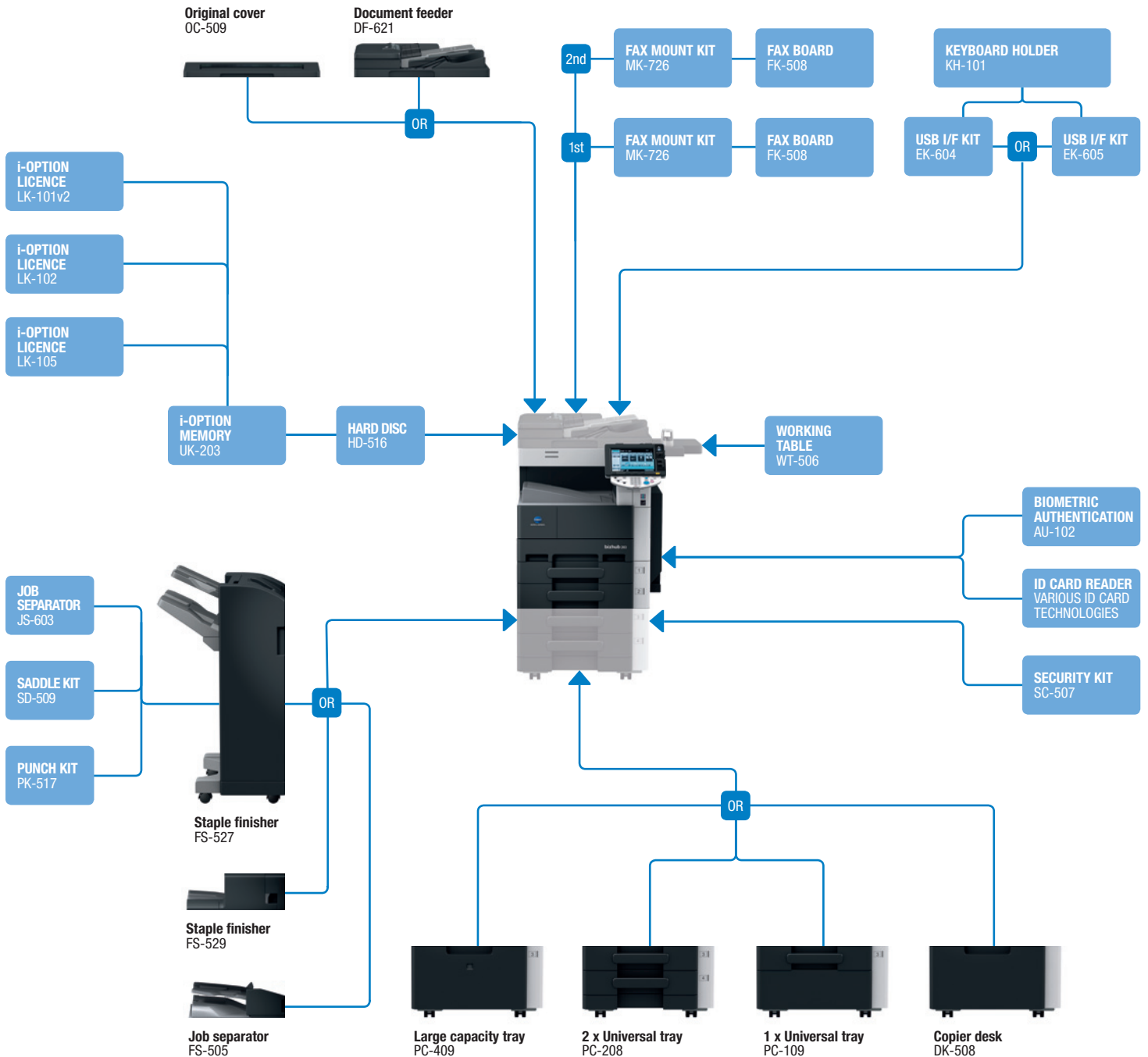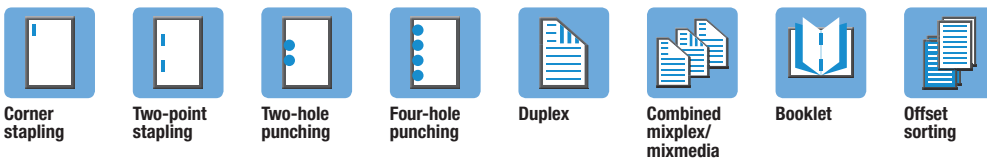 Box-to-Box
– Reprint
– Box-to-USB

Technology

EMPERON™	SIMITRI® HD TONER	IWS	OPEN API	i-OPTION	CSRC
✔	✔	✔	✔	✔	✔

Option diagram

Original cover
OC-509

Document feeder
DF-621

2nd **FAX MOUNT KIT** MK-726 — **FAX BOARD** FK-508

KEYBOARD HOLDER KH-101

1st **FAX MOUNT KIT** MK-726 — **FAX BOARD** FK-508

USB I/F KIT EK-604 — OR — **USB I/F KIT** EK-605

OR

i-OPTION LICENCE LK-101v2

i-OPTION LICENCE LK-102

i-OPTION LICENCE LK-105

i-OPTION MEMORY UK-203 — **HARD DISC** HD-516

WORKING TABLE WT-506

BIOMETRIC AUTHENTICATION AU-102

ID CARD READER VARIOUS ID CARD TECHNOLOGIES

JOB SEPARATOR JS-603

SADDLE KIT SD-509

PUNCH KIT PK-517

OR

SECURITY KIT SC-507

Staple finisher FS-527

Staple finisher FS-529

Job separator FS-505

OR

Large capacity tray PC-409

2 x Universal tray PC-208

1 x Universal tray PC-109

Copier desk DK-508

Finishing options

| Corner stapling | Two-point stapling | Two-hole punching | Four-hole punching | Duplex | Combined mixplex/ mixmedia | Booklet | Offset sorting |

◢ Descriptions

bizhub 283	Black & white communication center with 28 ppm. Standard Emperon™ print controller with PCL 6, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to A3 and 60–210 gsm. 2 GB memory, and Gigabit Ethernet.	**FS-529 Staple finisher**	50 sheet stapling, output capacity 300 sheets
		JS-505 Job separator	Separation of e.g. fax and copy/print output
		WT-506 Working table	Authentication device placement
		FK-508 Fax board	Super G3 fax
		MK-726 Fax mount kit	I/F board for fax FK-508
DF-621 Document feeder	Automatic document feeding of up to 100 originals	**HD-516 Hard disc**	250 GB; required for i-Option, box, authentication, animation guidance, mobile printing, etc.
OC-509 Original cover	Cover instead of ADF	**KH-101 Keyboard holder**	To place the USB keyboard
PC-109 1 x Universal tray	A5–A3; 1 x 500 sheets; 60–90 gsm	**EK-604 USB I/F kit**	USB keyboard connection
		EK-605 USB I/F kit	USB keyboard connection and Bluetooth
PC-208 2 x Universal tray	A5–A3; 2 x 500 sheets; 60–90 gsm	**ID-Card reader**	Various card technologies
		AU-102 Biometric authentication	Finger vein scanner
PC-409 Large capacity tray	A4; 2,500 sheets; 60–90 gsm	**SC-507 Security Kit**	Copy Guard function
DK-508 Copier desk	Storage of paper; etc.	**LK-101v2 i-Option licence**	Web browser, image panel
FS-527 Staple finisher	50 sheet stapling, output capacity 3,200 sheets	**LK-102 i-Option licence**	PDF enhancement
PK-517 Punch kit	Either 2 hole or 4 hole punching (permanent adjustment)	**LK-105 i-Option licence**	Searchable PDF
SD-509 Saddle kit	Booklet finishing	**UK-203 i-Option memory**	Memory extension for i-Option
JS-603 Job separator	Separation of e.g. fax and copy/print output		

◢ Technical specifications

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD polymerised toner
Copy/print speed A4	Up to 28 cpm
Copy/print speed A3	Up to 16 cpm
Autoduplex speed A4	Up to 28 cpm
1st copy/print time	4.2 sec.
Warm-up time	Approx. 25 sec.[1] (without HDD)
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Original format	A5–A3
Magnification	25–400 % in 0.1% steps; auto-zooming
Copy functions	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

PRINTER SPECIFICATIONS

Print resolution	Equivalent to 1,800 x 600 dpi
Controller CPU	MPC8533E @ 667 MHz
Page description language	PCL 6c (PCL 5c + XL3.0) PostScript 3 (CPSI 3017) XPS
Operating systems	Windows 2000 Windows XP (32/64) Windows VISTA (32/64) Windows 7 (32/64) Windows Server 2000 Windows Server 2003/2008 (32/64), 2008 R2 (64) Macintosh OS X 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 and encrypted PDF files; mixmedia and mixplex; "Easy Set" job programming; overlay (HDD required); watermark; copy protection, secure print (HDD required), USB direct print

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 70/70 opm (300 dpi via opt. ADF) Up to 42/42 opm (600 dpi via opt. ADF)
Scan resolution	Max.: 600 x 600 dpi
Scan modes	Network TWAIN scan Scan-to-eMail (Scan-to-Me) Scan-to-FTP Scan-to-SMB (Scan-to-Home) Scan-to-Box (HDD required) Scan-to-WebDAV Scan-to-DPWS Scan-to-USB
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; Outline PDF; Searchable PDF (optional); XPS; Compact XPS
Scan destinations	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF (HDD required); up to 400 job programs

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	Analogue i-Fax (HDD required) IP-Fax (HDD required)
Fax resolution	Max.: 600 x 600 dpi (ultra-fine)
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)
Fax functions	Polling; time shift; PC-Fax; receipt to confidential box; receipt to email/FTP/SMB; up to 400 job programs

[1] Warm up time may vary depending on the operating environment and usage

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USER BOX SPECIFICATION (HDD REQUIRED)

Max. user boxes	1,000
Max. 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 functionality	Reprint
	Combination
	Download
	Sending (email/FTP/SMB and Fax)
	Copy box to box

SYSTEM SPECIFICATIONS

System memory	2,048 MB
System hard disc	250 GB (optional)
HDD required for	Complete box functionality (incl. secure printing),
	Animated guidance, i-Option, PSES, mobile printing, OpenAPI
	Copy functions: Program job, overlay
	Print functions: Secure print
	Scan functions: Scan annotation
	Fax functions: i-Fax, IP-Fax
	Authentication functions: PageScope Authentication Manager
	USB direct print: Encrypted PDF
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
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 (optional)	Up to 100 originals; A6–A3; 35–210 gsm simplex; 50–128 gsm duplex
Printable paper size	A6-A3; customised paper sizes (90–297 x 139.7–431.8 mm)
Printable paper weight	60–210 gsm
Paper input capacity	Standard: 1,150 sheets
	Max.: 3,650 sheets
Tray 1	500 sheets; A5–A3, 60–90 gsm
Tray 2	500 sheets; A5–A3, 60–90 gsm
Tray 3 (optional)	500 sheets; A5–A3, 60–90 gsm
Tray 3 + 4 (optional)	2 x 500 sheets; A5–A3, 60–90 gsm
Large capacity tray (optional)	2,500 sheets; A4, 60–90 gsm
Automatic duplexing	A5–A3; 60–90 gsm
Finishing modes (optional)	Offset; group; sort; staple; punch; centre-fold; booklet
Output capacity (with finisher)	Max.: 3,200 sheets
Output capacity (without finisher)	Max.: 250 sheets
Stapling	50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	Max.: 1,000 sheets
Booklet	15 sheets or 14 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	75 sheets (tray)
Copy/print volume (monthly)	Rec.: 4,800 prints; Max.: 28,000 prints

Toner lifetime	17,500 pages
Drum/developer lifetime	100,000 pages
Power consumption	220–240 V / 50/60 Hz
	Less than 1.5 KW
System dimensions (W x D x H, mm)	623 x 794 x 700
System weight	Approx. 66 kg

SYSTEM FEATURES

Security	ISO 15408 EAL3; IP filtering and port blocking;
	SSL2; SSL3 and TSL1.0 network communication;
	IPsec support; IEEE 802.1x support; user authentication;
	Authentication log; secure print (HDD required);
	Hard disc overwrite (8 standard types);
	Hard disc data encryption (AES 128);
	Memory data auto deletion; confidential fax receiving;
	Print user data encryption; copy protection
	(Copy Guard and Password Copy optional)
Accounting	Up to 1,000 user accounts; Active Directory support
	(user name + password + email + SMB folder)
	User function access definition
	Biometric authentication (finger vein) optional
	ID-Card authentication (ID-Card reader) optional
Software	PageScope Net Care Device Manager
	PageScope Data Administrator
	PageScope Box Operator
	PageScope Direct Print
	Print Status Notifier
	Driver Packaging Utility
	Log Management Utility

– All specifications refer to A4-size paper of 80 gsm 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.
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