bizhub C224e

- Colour A3 multifunctional
- Up to 22 pages per minute

✎ Functionality

Copying
- Colour
- Black & white

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

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
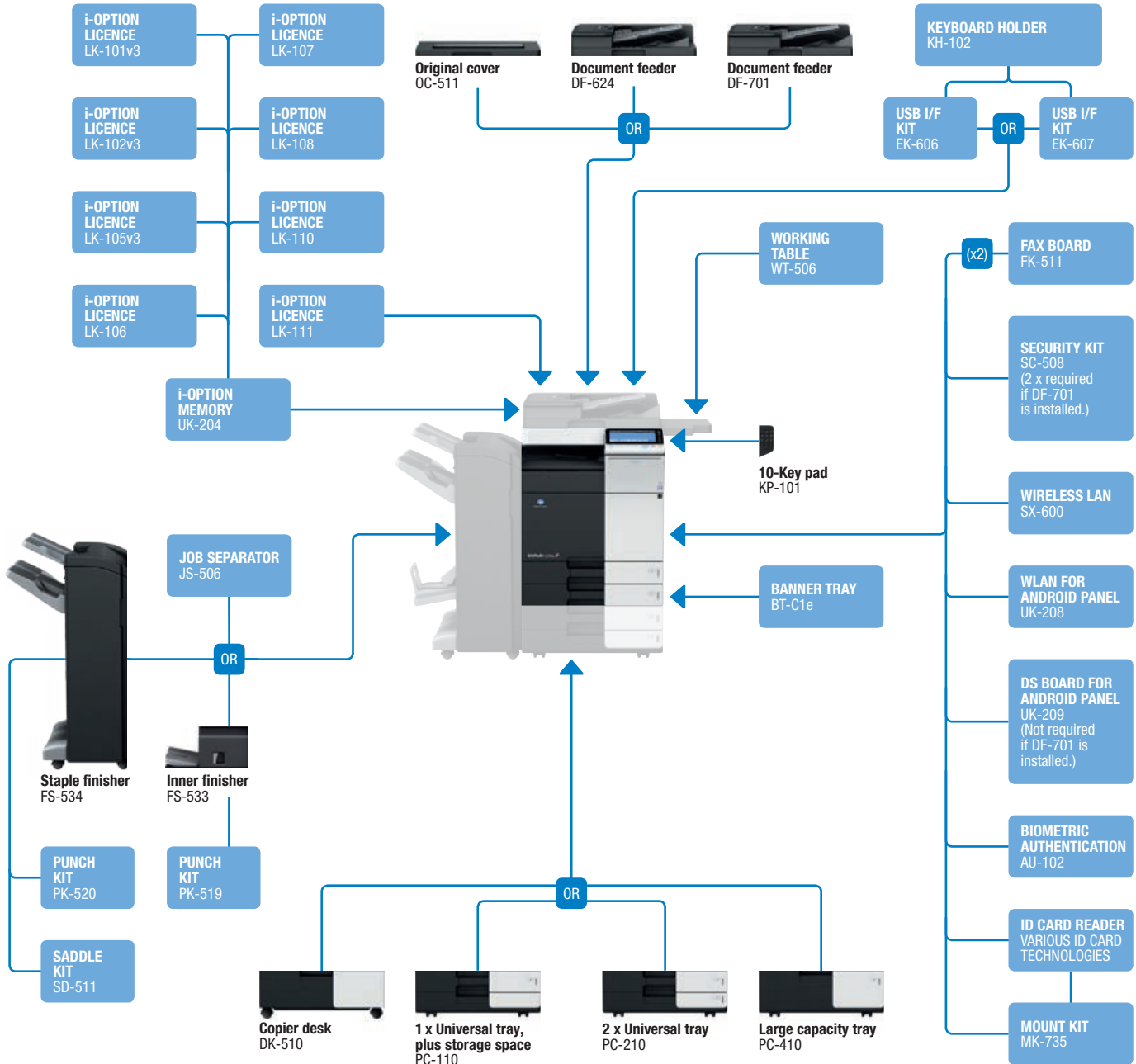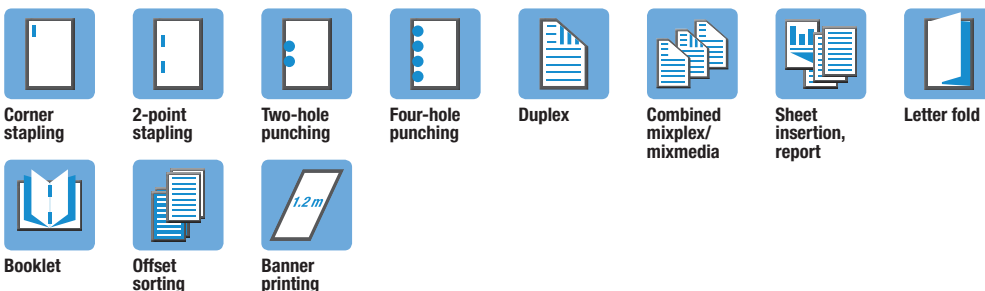- Scan-to-WebDAV
- Scan-to-DPWS
- TWAIN Network

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

◢ Option diagram

i-OPTION LICENCE LK-101v3	i-OPTION LICENCE LK-107
i-OPTION LICENCE LK-102v3	i-OPTION LICENCE LK-108
i-OPTION LICENCE LK-105v3	i-OPTION LICENCE LK-110
i-OPTION LICENCE LK-106	i-OPTION LICENCE LK-111

i-OPTION MEMORY UK-204

Original cover OC-511

Document feeder DF-624

Document feeder DF-701

OR

KEYBOARD HOLDER KH-102

USB I/F KIT EK-606

OR

USB I/F KIT EK-607

WORKING TABLE WT-506

(x2) FAX BOARD FK-511

10-Key pad KP-101

SECURITY KIT SC-508 (2 x required if DF-701 is installed.)

WIRELESS LAN SX-600

JOB SEPARATOR JS-506

BANNER TRAY BT-C1e

WLAN FOR ANDROID PANEL UK-208

OR

DS BOARD FOR ANDROID PANEL UK-209 (Not required if DF-701 is installed.)

Staple finisher FS-534

Inner finisher FS-533

BIOMETRIC AUTHENTICATION AU-102

PUNCH KIT PK-520

PUNCH KIT PK-519

ID CARD READER VARIOUS ID CARD TECHNOLOGIES

SADDLE KIT SD-511

OR

MOUNT KIT MK-735

Copier desk DK-510

1 x Universal tray, plus storage space PC-110

2 x Universal tray PC-210

Large capacity tray PC-410

◢ Finishing

Corner stapling	**2-point stapling**	**Two-hole punching**	**Four-hole punching**	**Duplex**	**Combined mixplex/ mixmedia**	**Sheet insertion, report**	**Letter fold**

Booklet	**Offset sorting**	**Banner printing**
		1.2 m

✎ Descriptions

bizhub C224e	Communication centre with 22 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 gsm. 2 GB memory, 250 GB hard disc and Gigabit Ethernet standard.
DF-624 Document feeder	Reversing automatic document feeder, capacity 100 originals
DF-701 Document feeder	Dualscan automatic document feeder, capacity 100 originals
OC-511 Original cover	Cover instead of ADF
PC-110 1 x Universal tray	A5–A3, 500 sheets, 52–256 gsm
PC-210 2 x Universal tray	A5–A3, 2 x 500 sheets, 52–256 gsm
PC-410 Large capacity tray	A4, 2,500 sheets, 52–256 gsm
DK-510 Copier desk	Provides storage space for print media and other materials
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-534 Staple finisher	50-sheet stapling, 3,300 sheets max. output
PK-520 Punch kit for FS-534	2/4 hole punching, autoswitching
SD-511 Saddle kit for FS-534	Booklet finishing, half-fold, letter-fold
JS-506 Job separator	Separation for fax output etc.
KP-101 10-Key pad	For use instead of touchscreen
WT-506 Working table	Authentication device placement

FK-511 Fax board	Super G3 fax, digital fax functionality
KH-102 Keyboard holder	To place USB keyboard
EK-606 USB I/F kit	USB keyboard connection
EK-607 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 if DF-701 is installed)
BT-C1e Banner tray	Multipage banner feeding
LK-101v3 i-Option licence	Web browser
LK-102v3 i-Option licence	PDF/A, PDF encryption, digital signature
LK-105v3 i-Option licence	Searchable PDF and PPTX
LK-106 i-Option licence	Printing of barcode fonts
LK-107 i-Option licence	Printing of Unicode fonts
LK-108 i-Option licence	Printing of OCR (A and B) fonts
LK-110 i-Option licence	Generates various file fomats incl. DOCX and XLSX
LK-111 i-Option licence	Native ThinPrint client
UK-204 i-Option Memory	Memory extension for i-Options
UK-208 WLAN for Android panel	Required for alternative panel on Android platform
UK-209 DS board for Android panel	Required for alternative panel on Android platform (not required if DF-701 is installed)
SX-600 Wireless LAN	Wireless LAN to network connector

✎ Technical specifications

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD polymerised toner
Copy/print speed A4 (mono/colour)	Up to 22 ppm
Copy/print speed A3 (mono/colour)	Up to 14 ppm
Autoduplex speed A4 (mono/colour)	Up to 22 ppm
1st copy out time (mono/colour)	6.9 sec. 8.3 sec.
Warm-up time	Approx. 20 sec.[1]
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
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 (optional); stamping; copy protection

PRINTER SPECIFICATIONS

Print resolution	1,800 x 600 dpi; 1,200 x 1,200 dpi
Controller CPU	800 MHz
Page description language	PCL6 (XL 3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows XP (32/64) Windows VISTA (32/64) Windows 7 (32/64) Windows 8 (32/64) Windows Server 2003 (32/64) Windows Server 2008 (32/64) Windows Server 2008 R2 (64) Windows Server 2012 (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, encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy print

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 160 ipm (with optional DF-701)
Scan resolution	Max.: 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 Network TWAIN scan
File formats	JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); compact PDF; encrypted PDF; searchable PDF (optional); XPS; compact XPS; PPTX; searchable PPTX (optional); searchable DOCX/XLSX (optional)
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

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

bizhub C224e

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	Analogue
	i-Fax
	Colour i-Fax (RFC3949-C)
	IP-Fax
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 e-mail/FTP/SMB; up to 400 job programs

USER BOX SPECIFICATION

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 (e-mail/FTP/SMB and Fax)
	Copy box to box

SYSTEM SPECIFICATIONS

System memory	2,048 MB (standard)
System hard disc	250 GB (standard)
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; 35–163 gsm
	RADF or Dualscan ADF available
Printable paper size	A6–SRA3, customised paper sizes;
	banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 gsm
Paper input capacity	Standard: 1,150 sheets
	Max.: 3,650 sheets
Tray 1	500 sheets, A5–A3, 52–256 gsm
Tray 2	500 sheets, A5–SRA3, 52–256 gsm
Tray 3 (optional)	500 sheets, A5-A3, 52–256 gsm
Tray 4 (optional)	2 x 500 sheets, A5-A3, 52–256 gsm
Large capacity tray (optional)	2,500 sheets, A4, 52–256 gsm
Manual bypass	150 sheets, A6–SRA3, custom sizes, banner, 60–300 gsm
Automatic duplexing	A5–SRA3; 52–256 gsm
Finishing modes (optional)	Offset; group; sort; staple; punch; post insertion;
	centre-fold; letter fold; booklet
Output capacity (with finisher)	Max.: 3,300 sheets
Output capacity (without finisher)	Max.: 250 sheets

Stapling	Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	Max.: 1,000 sheets
Letter fold	Up to 3 sheets
Letter fold capacity	Max.: 30 sheets (tray); unlimited
Booklet	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	Max.: 100 sheets (tray); unlimited
Copy/print volume (monthly)	Rec.: 25,000 pages;
	Max.: 80,000 pages
Toner lifetime	Black 27,000 pages; CMY 25,000 pages
Imaging unit lifetime	Black 70,000 pages/600,000 pages (Drum/Developer)
	CMY 55,000 pages/600,000 pages (Drum/Developer)
Power consumption	220–240 V / 50/60 Hz
	Less than 1.5 kW (system)
System dimensions (W x D x H)	615 x 685 x 779 mm (excl. ADF and lower paper tray unit)
System weight	Approx. 85 kg

SYSTEM FEATURES

Security	ISO 15408 EAL3 (in evaluation); IEEE 2600.1 compliant;
	IP filtering and port blocking;
	SSL2; SSL3 and TSL1.0 network communication;
	IPsec support; IEEE 802.1x support; user authentication;
	Authentication log; secure print;
	Hard disc overwrite (8 standard types);
	Hard disc data encryption (AES 128);
	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
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.
– 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 respective holders and are hereby acknowledged.

bizhub
C364e/C284e/C224e

MAKE YOUR WORK EASY WITH

ENHANCED
MULTI-TOUCH
CONTROL

Original

Output

A3 MFP LINE OF THE YEAR
2013
BLI
BUYERS LAB
LINE OF THE YEAR

ENHANCED PERFORMANCE WITH AWARD-WINNING CONTROL

Take control of your workflow with powerful, high-performance bizhub color models for superior color and right-size cost-efficiency. A new enhancement of our award-winning INFO-Palette screen lets you touch, swipe, drag and drop to edit, save and share – it's as easy as operating a tablet PC. High-speed print/copy output keeps you ahead of rising document demands. And Konica Minolta is a world leader in the environmental initiatives that help you reduce pollution, conserve more energy and lower your operating expenses.

For right-size cost-efficiency, bizhub is a perfect fit.

It's easy to choose a bizhub® MFP device that suits your business needs: bizhub C364e for 36 ppm output in both color and B&W, bizhub C284e with 28 ppm output, or bizhub C224e with 22 ppm output. All three models can be equipped with either the DF-624 optional RADF for high-speed 80 opm scanning or DF-701 single-pass dual scanning for a top speed of 160 opm, to bring documents into your electronic workflow even faster.

Print control is built in, with Konica Minolta's exclusive Emperon® print system for immediate PCL6/PS3 emulation and native XPS functionality. And a universal print driver lets you manage your printing using familiar commands, so even first-time users and temps will be fully productive right from the start.

INFO-Palette design: an easier, faster way to move information.

Even the look of these three bizhub models is a step ahead. Sleek dark cabinet design and compact footprint lets you position them in the center of your workplace so everyone has access to fast color printing and scanning.

And your bizhub control panel is even more revolutionary. In 2012, Konica Minolta won a special award for control panel design from BLI (Buyers Laboratory LLC). The bizhub C364e, C284e and C224e incorporate the latest evolution of our award-winning INFO-Palette design: a 9" color screen with intuitive multi-touch functionality that's as easy to operate as familiar tablet PCs. You can swipe, drag & drop, tap & toggle, switch easily between map scroll and tab screen menus to control printing, copying, scanning and other functions. A quick flick of your finger across the screen brings you to the menu you want. Function screens put both standard and custom settings at your fingertips.

Enhanced screen resolution is a big advantage in previewing your documents before you print. New preview screen capabilities include pinch in & pinch out to enlarge or reduce image size and image rotation operations for smooth confirmation of document details. Long tap displays the next set of operating menus. Transparent menus let you see through to a lower level, so you always know where you are. You can simply touch a file stored in a User Box, drag it and release it in the print, send or edit processing area.

Your enhanced control panel has soft keys that can be called up and displayed in any screen position. An optional 10-Key Pad provides hard keys to make numerical entry quick and sure. The control panel tilts and adjusts from 23° to 55° for accessibility from any position for Section 508 compliance. Orange, blue and white LEDs are easier to see for the vision-impaired and illuminates device status at a glance while printing. Also new reaction sounds give operators sound queues to verify that functions have been completed, commands deleted or authentication accepted. There's even an optional Voice Guidance system to provide audible control instructions.

Simitri color: superior imaging that also protects the environment.

The bizhub C364e/C284e/C224e are unsurpassed in their ability to deliver high-quality, low-cost color documents without slowing down your workflow. Konica Minolta's next-generation Simitri® HD toner formulation creates sharp, clear images with improved fine detail and more legible text. Simitri toner also uses plant-based biomass material to reduce environmental impact – just one of Konica Minolta's leadership initiatives to protect the planet for future generations.

All three bizhub models consume less power, with energy-saving modes including an Optimize Power Consumption mode that automatically sets correct on/off/standby status for workdays, weekends and holidays. The control panel features an Eco-indicator screen that allows you to monitor paper, toner and energy usage by device, account or end-user. Energy-efficient LED lamps reduce energy consumption during scanning – and blank page removal during scanning or copying saves more paper. And thanks to one-watt power consumption in sleep mode your bizhub isn't burning your budget when it isn't in use.

Our Eco Vision 2050 project is committed to reducing CO_2 emissions by 80% over 2005 levels, minimizing greenhouse gases that may contribute to global warming. And our Clean Planet program also provides cost-free recycling for all Konica Minolta consumables, including toner cartridges and bottles, imaging units, developer and drums – with prepaid shipping labels and cost-free packaging.

Enhanced panel operation supports new gesture operations for navigation such as flick, long tap, drag & drop, transparent layers and you can also toggle between a Map Scroll Screen or Tab Screen to access functions needed and enabling customers to execute functions in a highly intuitive manner.

With three models to choose from the bizhub C364e series can provide the right document solution for any size business.

EVOLUTIONARY PERFORMANCE IN COLOR PRINTING AND SCANNING

Konica Minolta continues to drive the evolution of digital imaging technology – and in general business as well as healthcare, education, legal and other specialized applications, bizhub gives you easy ways to boost your productivity. Along with high-speed printing in color or B&W, you can speed your workflow with fast scanning to multiple destinations – and add auto finishing options to create full-color reports, brochures, flyers, and graphical presentations in-house and on-demand. Count on Konica Minolta to make it all look easy.

High-speed document scanning to multiple destinations.

In addition to the high-speed scanning capabilities of your bizhub C364e/C284e/C224e, Distributed Scan compatibility with Windows servers lets you automate the scanning process by sending documents directly to a "Scan Server" set up to follow your instructions – another bizhub enhancement to speed your workflow.

You can scan to email, FTP, SMB and perform TWAIN scanning using simple command icons on your bizhub touch-screen panel. Scan-to-Me and Scan-to-Home capabilities let you move documents quickly to secure locations. You can also scan directly to convenient User Boxes for individuals, departments, workgroups and projects. Scan to PowerPoint, Word and Excel lets you convert hard-copy documents to highly versatile Office Open XML files easily and automatically – and Scan to PDF/A and Linearized PDF capabilities optimize documents for display or archiving.

Modular finishing options for low-cost in-house printing.

Printing in-house and on-demand saves time and money – and also lets you keep control of sensitive information, including business plans, patient records, student files and legal documents. But stapling, folding or saddle-stitching by hand can be tedious – so the bizhub C364e/C284e/C224e makes things easy with auto-finishing options for producing color and B&W reports, presentations, case files, newsletters, records and marketing or training materials.
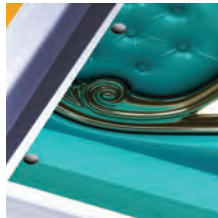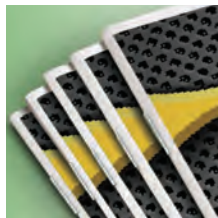
The compact FS-534 Staple Finisher performs 50-sheet 3-position stapling, with an add-on SD-511 Saddle-Stitch Unit that produces 80-page booklets with support for tri-fold sheets. Crisp creases in booklets and tri-fold sheets improve the look of your finished product. The FS-534 also accepts an optional PK-520 2/3 Hole Punch Kit.

The FS-533 Internal Finisher provides a second finishing option for corner stapling or 2-position stapling. You can add the optional PK-519 Punch Kit to your FS-533 for 2/3-hole punching. And the JS-506 Job Separator Tray option helps you sort prints, copies or faxes more easily. With all these modular options, you can easily build a system that serves your needs today – and grows with your business tomorrow.

Powerful, networkable printing to make everyone more productive.

The bizhub C364e, C284e and C224e all incorporate many of our latest enhancements to speed your print workflow. Faster warm-up time of 20 seconds or less and first-copy output in 7 seconds or less can eliminate those unproductive waiting lines – and high-speed internal processing reduces RIP time to keep color jobs moving. Built-in PostScript 3 emulation features Auto Trapping and Black Overprint modes as well as a more versatile ICC profile for specialized or detailed color settings. To enhance your color printing and scanning, sophisticated color conversion imaging and a scanner with enhanced dynamic range are provided to capture vivid dark colors and accurate light greens.

Support for Microsoft Office Open XML lets you perform fast drag-and-drop printing of the latest Microsoft Office files, including docx, xlsx, and pptx. Using downloadable apps, you can take advantage of Cloud storage services – and a convenient USB port on each bizhub lets you print and save documents to/from flash memory devices.

Maximum print/copy flexibility in more paper sizes and weights.

For easy handling of all your document needs, you'll have support for a wide array of media sizes and weights – from thin 14 lb. bond paper (52 gsm) to thick 100 lb. cover stock (300 gsm), including the ability to print 11" x 17" full-bleed originals on 12" x 18" paper to preserve margins and crop-marks. Two standard paper drawers and a 150-sheet multiple bypass tray can be augmented by a Large Capacity Tray to raise maximum paper capacity to 3,650 sheets – enough to handle document traffic on busy days with less reloading. All three models let you print tabbed pages from the multiple bypass tray and insert tabs into healthcare records, legal case files, student information binders, human resource packets and other tabbed documents. And Watermark mode lets you apply transparent marks to print/copy output to identify or restrict access to documents.

You'll have standard 100% duplex productivity at rated engine speed, producing two-sided prints and copies without the need to re-insert originals. Blank page removal during scanning or copying saves more paper. Proof Copy/Print lets you run off a test page to check your settings before starting your entire print run. Carbon Copy printing saves time by outputting the same data continuously from multiple paper trays in different paper weights or colors – for example, white for immediate distribution, yellow for forwarding, green for filing.

EXTENDING YOUR OPTIONS WITH SEAMLESS SOFTWARE INTEGRATION

In today's fast-moving digital world, needs keep changing — and Konica Minolta's EnvisionIT approach extends your power to take advantage of emerging business and professional opportunities. You'll have all the options you need: downloadable productivity apps, high-speed fax, i-Option kits and PageScope software to manage documents and devices. You'll also benefit from bEST integration with 3rd-party business software for specialized solutions — including variable-data printing, account tracking, cost recovery and more.

An optional 10-Key Pad provides hard keys to make numerical entry quick and sure.

All the options you need for all-in-one productivity.

Our evolutionary bizhub models incorporate a wide array of extended functions — including direct access to downloadable apps from the bizhub MarketPlace.* These apps, specifically designed for use on our MFPs, allow you to display corporate announcements on your control panel, access a library of business forms and templates, check on the status of your MFP's security settings, scan to Microsoft SharePoint, order Clean Planet recycling boxes, print Clean Planet shipping labels and much more — all without ever leaving the MFP.

Along with downloadable productivity apps and scalable options for auto finishing and paper handling, you'll have access to innovative i-Options for the specialized capabilities required by your business or profession. The new i-Option LK-110 makes it easy to convert User Box data to Compact PDF files and transform incoming faxes to searchable PDF. LK-110 lets you create or convert documents to the various Office Open XML file formats you need. You can also direct-print files attached to email messages. And you can quickly encrypt PDF files — an important security enhancement to safeguard confidential information.

Another new i-Option, LK-111, provides ThinPrint support — enabling the bizhub C364e, C284e and C224e to print in ThinPrint environments without additional hardware. ThinPrint can speed your printing by performing data compression and controlling broadband network traffic when print jobs are sent from ThinPrint engine to ThinPrint client. You can also add more i-Option kits for your bizhub MFP: LK-101 v3 for web-browser support, LK-102 v3 for PDF/A, Linearized PDF and AES 128-bit PDF encryption support, LK-104 v3 for Voice Guidance operation, LK-105 v3 to create searchable PDF files, LK-106 for Barcode Font support, LK-107 for Unicode Font support, and LK-108 with support for OCR Font printing.

The bizhub C364e, C284e and C224e all incorporate Konica Minolta's IWS (Internal Web Server) — a simple, convenient web browser solution for all-in-one functionality. And all models allow you to add our Super G3 fax, with dual-line option for high-volume transmission and reception. Scan/Fax Destination List speeds your distribution by filtering searches by criteria you determine — and you'll have selectable fax file formats including PDF, compact PDF, TIFF, JPEG and XPS, plus Color Internet Faxing, PC Faxing and IP Address Faxing for maximum flexibility to speed information to destination.

The PageScope® Mobile App enables busy professionals to print from smartphones and other portables directly to networked bizhub devices.

The optional IC-414 Fiery Image Controller brings office workgroups high-quality color control, and automated workflows.

Enhanced security to protect sensitive business data.

Security isn't an option it's a necessity, especially for specialized legal, educational and healthcare applications that must comply with JSOX, FERPA, HIPAA and other government requirements for the protection of sensitive client, student and patient information.

Your bizhub C364e, C284e and C224e come with enhanced security protections. With bizhub SECURE, your service provider can initiate a powerful array of lock-down protections that guard your bizhub from unauthorized operation. You can initiate encrypted PDF workflow to protect information passing from PCs to networked bizhub devices. IP filtering registers IP addresses of the PCs on your network.

All models are currently in evaluation to meet strict ISO 15408 security standards and all accept a wide array of specialized options to fit the needs of your application, including Biometric Authentication, input for HID Proximity Cards, iClass Cards and Magnetic Stripe Cards, CAC/PIV Card support (available summer 2013), even an optional built-in IC card reader for fast, simple ID card authorization. An optional Copy Guard system can require password access to make copies. HDD Lock can apply password protection to your bizhub hard disk drive.

For environments that demand the highest level of security, the bizhub C364e, C284e and C224e also comply with the higher level IEEE 2600.1 international standard for MFP and printer information security. To protect information once stored on your bizhub hard disk drive, their Job Erase function automatically overwrites your HDD up to three times meeting the criteria of DoD 55220.22-M (Department of Defense) and NAVSO P-5239-26 (US Navy). And when your bizhub is reassigned to another location or removed from service, HDD Sanitizing can overwrite data in eight different modes so no sensitive information is compromised.

Seamless integration of PageScope and 3rd-party software.

Hardware and software, working together – that's a key advantage of Konica Minolta's bizhub Extended Software Technology (bEST). Your bizhub control panel can give you direct access to commands for standard business software as well as specialized document handling capabilities for legal, educational and healthcare applications.

Konica Minolta's own PageScope Enterprise Suite provides a powerful set of bizhub productivity tools for server-based authentication and account tracking – including a MyPanel Manager utility to customize the interface that appears at each bizhub MFP and disappears when users log out.

The PageScope Mobile app allows you to print or scan documents on the go from multiple mobile platforms – an important advantage for medical, legal and educational professionals who work from widely separated workplaces or collaborate from home.

PageScope software utilities do even more. PageScope Web Connection gives each bizhub its own internal website for fast access to device status information. PageScope Net Care Device Manager provides fast, simple IT management of multiple devices from a single point. PageScope Print Status Notifier provides automatic alerts to speed your workflow. PageScope Data Administrator™ handles addresses, passwords, and accounts with ease – and PageScope Box Operator lets you download and access scanned User Box data from your PC.

Advanced color management tools for graphics solutions.

For graphics-intensive applications in marketing, advertising, design and communications, the bizhub C364e and C284e accept the optional IC-414 Fiery Image Controller from EFI – the industry leader in advanced color management.

The IC-414 provides standard EFI Command Workstation functionality, Fiery Remote Scan, and EFI WebTools to help you get the job done better. Fiery Graphic Arts Options include Auto Trapping, Hot Folder printing with embedded job ticket settings, job setup with finishing options and imposition attributes for drag-and-drop printing. An optional Color Profiler suite allows you to create customized ICC profiles with CMYK devices.

Standard Fiery VUE software orchestrates all these elements into a professional solution for high-impact results – giving you the ability to handle specific Pantone color requirements, manage print queues more effectively, and fine-tune color output to suit the needs of any job.

For all your document needs, you can count on Konica Minolta. Konica Minolta Business Solutions Canada, Inc. is a leader in advanced document management technologies and IT Services. The company focuses on complete business solutions including production print systems, digital presses, multifunctional products (MFPs), managed print services, vertical application solutions and related services and supplies. Konica Minolta has won numerous awards and recognition including being recognized as the #1 Brand for Customer Loyalty in the MFP Office Copier Market by Brand Keys for six years in a row. For the third consecutive year, Buyers Laboratory LLC (BLI) has named Konica Minolta the winner of its "A3 MFP Line of the Year" award. In 2012, Konica Minolta also received "Document Imaging Solutions Line of the Year" recognition from BLI – and has been named to the Dow Jones Sustainability World Index in recognition of the company's economic, environmental and social performance. We are proud of our record of achievement – and we invite you to learn first-hand why you can always count on Konica Minolta.

bizhub C364e/C284e/C224e

FULL COLOR PRINTER/COPIER/SCANNER/FAX

	bizhub C364e	bizhub C284e	bizhub C224e

SPECIFICATIONS

Type / Toner System / Print Method	Full-Colour Printer/Copier/Scanner with Stationary Platen / Simitri HD Toner with Biomass / Tandem Process		
Monthly Duty Cycle (pages)	125,000	100,000	80,000
Print / Copy Speed (Letter, portrait)	Full Colour & B&W: 36ppm	Full Colour & B&W: 28ppm	Full Colour & B&W: 22ppm
• DF-701 Dual Scanner Document Feeder	Full Colour/B&W Duplex Speed: 160 opm, Full Colour/B&W Simplex Speed: 80 opm, Paper Capacity: 100 Sheets, Paper Size: 5.5" x 8.5" to 11" x 17"		
• DF-624 Single Rev. Scanner Document Feeder	Full Colour/B&W Duplex Speed: 37 opm, Full Colour/B&W Simplex Speed: 80 opm, Paper Capacity: 100 Sheets, Paper Size: 5.5" x 8.5" to 11" x 17"		
Power Requirements / Consumption	120V 12A (60 Hz) / 1500W or less		
TEC Value	2.12 kWh	1.65 kWh	1.25 kWh
Dimensions / Weight	24.2"(W) x 27" (D) x 31" (H) / 185.18 lbs		

COPY

Warm-up Time / First Copy Time	≤ 20 sec. / Full Color: ≤ 6.9 sec., B&W: ≤ 5.3 sec.	≤ 18 sec. / Full Color: ≤ 7.7 sec., B&W: ≤ 5.9 sec.	≤ 18 sec. / Full Color: ≤ 8.3 sec., B&W: ≤ 6.9 sec.
Copy Resolution/Quantity	600 x 600 dpi / 1-9,999		
Magnification	Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 78.5%, 73.3%, 64.7%, 50.0%, Preset enlargement: 121.4%, 129.4%, 154.5%, 200%		
Copy Exposure Modes	Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper		

PRINT: Emperon Print System with bizhub Extended Solution Technology / Open API

Processor / Memory / Hard Disk Drive	800 MHz / 2GB / 250GB (Shared with the copier)
Print Resolution / Grayscale Gradations	600 x 600 dpi (1800 dpi equivalent x 600 dpi) or 1200 x 1200 dpi / 256 shades per pixel
Page Description Language / Fonts	PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v. 1.0 (XML Paper Specification) / PCL: 80 Roman fonts, PostScript 3 Emulation: 137 Roman fonts
Operating System Compatability	**PCL6/PS3:** Windows XP Home (SP1), Windows XP Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2003 Standard & Enterprise (x32, x64), Windows Server 2003 Standard & Enterprise R2 (x32, x64), Windows Server 2008 Standard & Enterprise (x32, x64), Windows Server 2008 Standard & Enterprise R2, Windows Server 2012 Datacenter & Standard; **XPS:** Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2008 Standard & Enterprise (x32, x64), Windows Server 2008 Standard & Enterprise R2, Windows Server 2012 Datacenter & Standard; **Mac (PS-PPD):** OS 9.2 or later, OS X 10.2 or later, OS X 10.4 (Intel) or later; **Linux:** Red Hat Enterprise
Interface	10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0, USB Host
Network Protocols	TCP/IP (IPv4/IPv6), BOOTP, ARP, ICMP, DHCP, DHCP v6, AutoIP, SLP, SNMP, FTP, LPR/LPD, RAW Socket, SMB, IPP, HTTP, POP, SMTP, LDAP, NTP, SSL, IPX, AppleTalk, Bonjour, NetBEUI, WebDAV, DPWS, S/MIME, IPsec, DNS, DynamicDNS, LLMNR, LLTD, SSDP, SOAP

COPY / PRINT FUNCTIONS

Features	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Card Shot, Color Modes & Functions (Auto Color/Full Color, Black & White Mode, Single Color Mode, 2-Color Mode, Color Adjustments, Copy Guard), Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Center, Base Color, Neg./Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Tri-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job Overwrite, HDD Sanitizing, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-Image Area Erase, OHP Interleaving, Password Copy, Program/Recall Jobs, Paper Type Selection (Normal, Thick 1/1+, Thick 2, Thick 3, Thick 4), Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Secure Printing, Separate Scan, Tab Printing, Text Enhancement, User Authentication (Up to 20 Authentication Servers)(Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Settings, Default Settings, One-Touch Settings, Check Consumable Life), Watermark, Zoom Selection

SCAN

Scan Resolutions	200 dpi, 300 dpi, 400 dpi, 600 dpi
Scan File Formats / Color Modes	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS, PPTX / Auto Color, Full Color, Black & White, 2-Color, Single Color
Scan Functions	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Distributed Scan Management, Network TWAIN, WS-Scan, Color Internet Fax

• FK-511 FAX KIT (OPTIONAL)

Compatability / Compression	Super G3 compatibility, 33.6 Kbps modem speed / MH, MR, MMR, JBIG data compression
Fax Transmission Speed / Fax Memory	Less than 3 seconds per page (JBIG, standard resolution) / 2 GB (shared print, copy, scan, fax memory)
Fax Line Mode / Fax Exposure Mode	PSTN, PBX, G3 / Text, Text/Photo, Photo, Dot Matrix
Fax Functions	Autodialing (2,000 addresses), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 600 locations), Bulletin Board, Duplex Transmission/Reception, F-Code Support, Group Dialing (up to 500 addresses per group / up to 100 groups), Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, IP Address Fax, Polling Transmission/Reception, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Transmission, Timer Transmission, TSI Routing
Fax Options	Spare TX-Marker Stamp 2, SP-501 Fax Stamp Unit

PAPER HANDLING

Original Size	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)
Paper Trays	**Tray 1:** 500-sheet (universal cassette) / 5.5" x 8.5" to 11" x 17" / 14 lb. bond to 140 lb. index **Tray 2:** 500-sheet (universal cassette) / 5.5" x 8.5" to 12" x 18" / 14 lb. bond to 140 lb. index **Bypass Tray:** 150-sheet bypass/4" x 6" to 12" x 18", 8" x 13" / Banner Paper / 16 lb. bond to 100 lb. cover up to 300 gsm
• PC-110 Paper Feed Cabinet	500-sheets / 8.5" x 11", 8.5" x 14", 11" x 17" / 14 lb. bond to 140 lb. index / Foolscap: 8.5" x 13.5", 220mm x 330mm , 8.5" x 13", 8.25" x 13", 8.12" x 13.25", 8" x 13"
• PC-210 Paper Feed Cabinet	500-sheets (x2) / 8.5" x 11", 8.5" x 14", 11" x 17" / 14 lb. bond to 140 lb. index / Foolscap: 8.5" x 13.5", 220mm x 330mm , 8.5" x 13", 8.25" x 13", 8.12" x 13.25", 8" x 13"
• PC-410 Paper Feed Cabinet	2,500-sheets / 8.5" x 11" / 14 lb. bond to 140 lb. index
Maximum Paper Capacity	3,650-sheets (total with options)

APPLICATIONS

Network & Device Management	PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility
User Tools	PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Copy Protect Utility, Print Utility for Unix
Management Tools	bizhub vCare support
• PageScope Enterprise Suite	PageScope Account Manager, PageScope Authentication Manager, PageScope MyPrint Manager, PageScope MyPanel Manager, PageScope Net Care Device Manager (standard)

• ADDITIONAL OPTIONS

• Authentication / Security Options	AU-102 Biometric Authentication Unit, AU -201H HID Proximity Card Authentication Unit, AU-202H HID iClass Card Authentication Unit, AU-204H Magnetic Stripe Card Reader, AU-211P CAC/PIV Solution*, SC-508 Copy Guard Kit, WT-506 Working Table to support Authentication Devices, MK-735 Internal Mount Kit
• External Keyboard	KH-102 Keyboard Mount Kit, KP-101 10-Key Pad, EK-606 USB Interface for External Keyboard and Voice Guidance, EK-607 USB Interface for External Keyboard, Bluetooth Support and Voice Guidance
• i-Option	LK-101 v3 i-Option, LK-102 v3 i-Option, LK-104 v3 i-Option, LK-105 v3 i-Option, LK-106 i-Option, LK-107 i-Option, LK-108 i-Option, LK-110 i-Option, LK-111 i-Option, UK-204 i-Option Memory Upgrade Kit
• Finishing	FS-534 50-Sheet Staple Finisher, PK-520 Punch Kit (FS-534), SD-511 Saddle Stitcher Kit (FS-534), FS-533 50-Sheet Inner Staple Finisher, PK-519 Punch Kit (FS-533), JS-506 Job Separator
• Others	DK-510 Copy Desk, MK-730 Banner Paper Guide, OC-511 Original Cover

• FIERY IC-414 EMBEDDED IMAGE CONTROLLER (OPTIONAL)**

Processor / Memory / Hard Disk Drive	Intel Pentium E5300 2.6 GHz / 2 GB (standard/max) / 160 GB HDD
Page Description Language / Fonts	PCL5, PCL6, Adobe PostScript 3 (version 3019) / PCL: 80 fonts, Adobe PS3: 138 fonts
Operating System Compatability	**PCL6, PS3:** Windows XP (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64), Windows Server 2012 (x64); **Mac:** OS X 10.4.x, Intel-based: 10.4.x (print driver), 10.5.x, 10.6.x, 10.7.x, 10.8.x; **Unix/Linux**
Interface / Protocols	10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0 / TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Netware (5.x, 6.x), Pserver, Nprinter, NDPS, IPP, SMTP/POP3, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)
Standard Software	Fiery Command Workstation, ColorWise Tools, Fiery Spot-On™, Fiery WebTools, Fiery VUE, Secure Erase
Optional Software / Hardware	Fiery Productivity Package, Hot Folders/Virtual Printers, Auto Trapping, SeeQuence Impose, SeeQuence Compose, Impose+Compose Suite, Color Profiler Suite W/ES-2000, ES-2000 Spectrophotometer / VI-506 Video Interface Kit for IC-414

● OPTIONAL ● STANDARD