



KONICA MINOLTA

Giving Shape to Ideas



# **bizhub C220, C280 and C360**

Innovative whether black & white or colour

**Office system** bizhub C220/C280/C360



# Innovative whether black & white or colour

The bizhub C220, bizhub C280 and bizhub C360 are Konica Minolta's innovative triumvirate for every-day document production in the corporate environment – and perfect for offices and workgroups in finance and accounting departments, in personnel, logistics and many other areas where the bulk of the work is produced in black & white. This product series offers truly affordable, high-quality b/w imaging at similarly low cost as all-b/w devices. But the bizhub C220, C280 and C360 have an extra feature: colour that can be taken advantage of whenever required.

■ As true multifunctionals, all three can be equipped to print, copy, scan and fax, handling the complete communication of the busy office with ease and competence. Their compact and stylish design doesn't take up a lot of room but makes them an attractive feature in any office.

■ Complying with the latest regulations of the Energy Star and the German Blue Angel, the bizhub C220, C280 and C360 feature extremely quiet operation

and greatly reduced energy consumption levels. They are comfortable to work side by side with and impressively eco-friendly to operate.

■ bizhub C220, C280 and C360 come inclusive of Konica Minolta's "skills to win" – they provide complete office communication in a single device, feature latest technology, deliver top class quality in black and white as well as colour, and impress with their flawless eco-performance.

## → Workflow options



# Enhanced functionality – whether in black & white or colour



## ➔ Productive printing and copying

Printing and copying are straightforward and productive with the bizhub C220, C280 and C360. Equipped with one of Konica Minolta's powerful Emperon™ controllers, they feature a fast 1 GHz CPU (667 MHz on bizhub C220), 2 GB standard memory, 250 GB HDD, support PDF 1.7 and with advanced PostScript compatibility offer attractive quality enhancements. The proprietary Emperon™ controller technology ensures seamless system integration into any standard network environment, enabling multiple users to process their print jobs quickly and simultaneously without experiencing long delays.

The product series offers an extensive range of attractive print and copy features to facilitate the creation of both standard and more complex documents, including e.g. forms overlay, watermark and n-up. Duplex printing or copying helps reduce costs by saving paper, filing space and postage. Auto Colour Selection avoids inadvertent printing

or copying in colour where black & white is sufficient. With such comprehensive functionality, the bizhub C220, C280 and C360 are ideally suited to predominantly b/w business environments where document production is still mostly black and white and the use of colour is less frequent. Nevertheless, all three can easily handle larger colour jobs and increasing colour volumes.

## ➔ Efficient scanning and faxing

Highly efficient scanners, the bizhub C220, C280 and C360 facilitate the distribution and sharing of information. With fast 70 opm they offer high-speed scanning to eMail, FTP, SMB and user box. Scan formats include PDF and compact PDF, XPS and compact XPS as well as TIFF and JPEG.

The clever scan-to-USB feature gives user flexibility an attractive boost, enabling time-saving direct scanning from the bizhub C220, C280 or C360 to the USB stick without the detour via the PC.





Available in combination with user authentication, the functions scan-to-Me and scan-to-Home reliably ensure that scans are sent only to the user's own E-Mail address (scan-to-Me) or own registered PC folder (scan-to-Home).

An optional scanning highlight is the processing of scanned data with OCR to create searchable PDF documents. These include a full-text search capability, enabling users to find the document they want quickly and conveniently on their PC.

To any location requiring fax communication, the bizhub C220, C280 and C360 offer digital as well as optional analogue fax capabilities. User convenience is ensured with the clever PC fax functionality that provides direct faxing from the PC without having to print documents first. Various security features make confidential fax communication reliably safe.



## → Advanced user box functionality

Konica Minolta's unique User Box approach makes the storing and managing of information on the internal hard disc of the bizhub C220, C280 or C360 highly efficient, facilitating the sharing of scanned, printed, copied and faxed documents and providing fast access to regularly required documents, such as terms and conditions or forms. Up to 1,000 user boxes can be set up with flexible access rights and boxes defined as public, for group use or private.

## → Comprehensive security

Offering various features beyond Konica Minolta's generous security standards, the bizhub C220, C280 and C360 are certified to ISO 15408 EAL3. With client authentication via IEEE 802.1x, they can be connected to secure networks. Enhanced security against unauthorised copying is also available: With the Copy Guard function, an original will not be copied at all if the MFP detects a special protection pattern while Password Copy enables copying of the protected original if the correct password is entered.

The secure printing function is available to safeguard confidential documents. Printing is only possible after the password allocated to the print job is entered directly via the MFP's touch screen. In combination with access control via authentication, the print jobs thus secured will automatically be produced as soon as the user has authenticated himself at the system.

## → PageScope Enterprise Suite

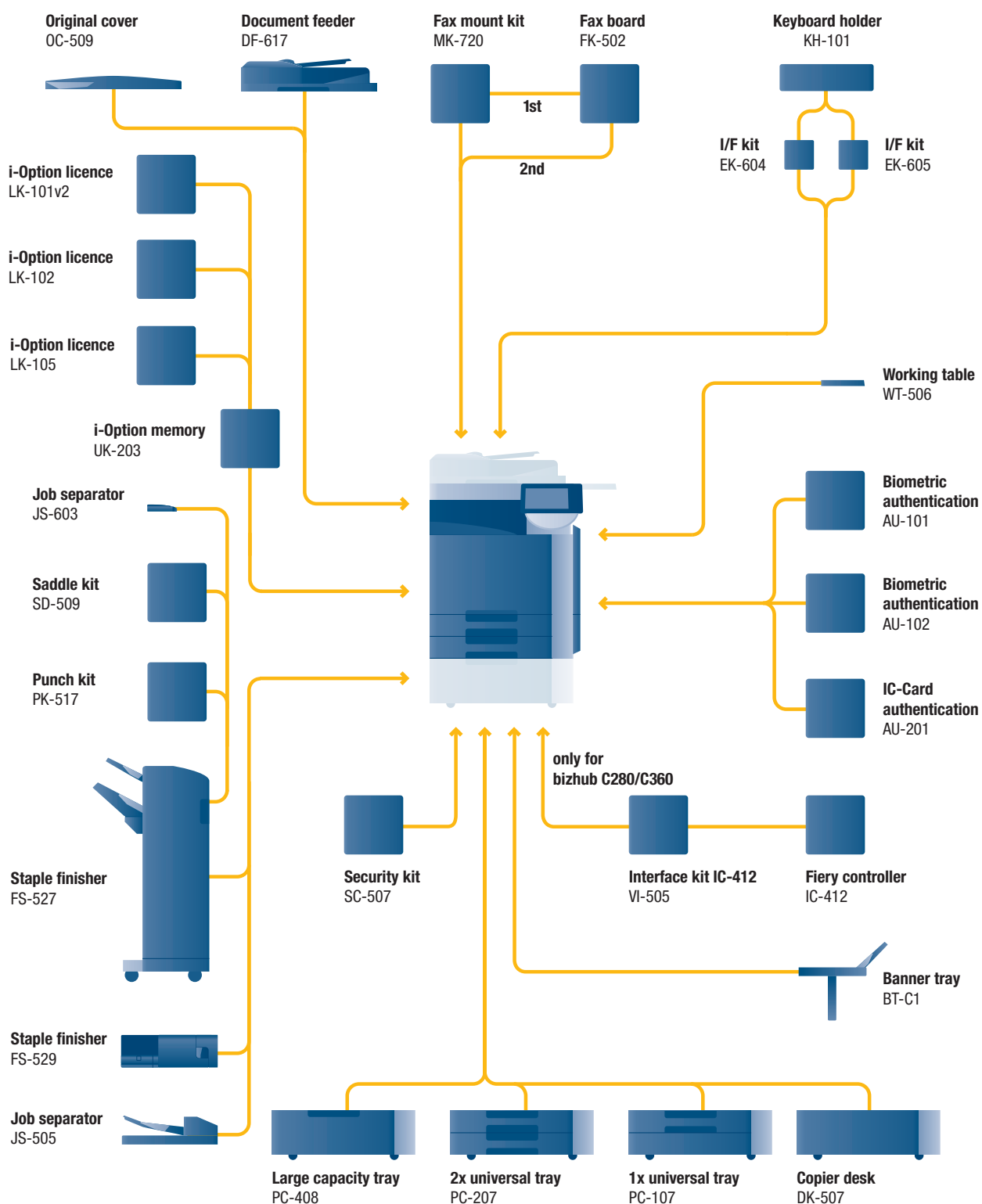
This efficient software suite gives administrators a full monitoring and management application that provides complete access to all user- and device-related information from a central server platform. The PageScope Enterprise Suite comprises:

- The PageScope Net Care Device Manager for the central implementation of system network configurations and central status monitoring
- The PageScope Authentication Manager for central management of the user database and user rights
- The PageScope Account Manager for the central collection of detailed counter readings and the ensuing cost calculation
- The PageScope MyPanel Manager for the individual creation of central user profiles, personalised address books and scan destinations.

## → CS Remote Care

Konica Minolta's proven remote monitoring system ensures pro-active and highly flexible service support. CS Remote Care helps to keep output devices running smoothly, minimising interruptions and maximising system availability. All relevant system data are transmitted directly to the Konica Minolta service in an automated process that never needs user intervention.

## ➔ Option diagram



## → Descriptions

<b>bizhub C220/C280/C360</b>	Communication centers with 22/28/36 ppm in 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 sheets manual bypass. Media from A6 to A3+, 1.2 m banner and 60 – 271 gsm. 2 GB memory, 250 GB hard disc and 1 GB Ethernet standard
<b>DF-617 Document feeder</b>	Automatic document feeding of up to 100 originals
<b>OC-509 Original cover</b>	Cover instead of ADF
<b>FS-527 Staple finisher</b>	50 sheet stapling, output capacity 3,200 sheets
<b>PK-517 Punch kit</b>	4 hole punching
<b>JS-603 Job separator</b>	Separation of e.g. fax and copy/print output for FS-527
<b>SD-509 Saddle kit</b>	Booklet finishing
<b>FS-529 Staple finisher</b>	50 sheet stapling, output capacity 300 sheets
<b>JS-505 Job separator</b>	Separation of e.g. fax and copy/print output
<b>PC-107 1x Paper cassette</b>	A5 – A3; 1 x 500 sheets; 60 – 256 gsm
<b>PC-207 2x Paper cassette</b>	A5 – A3; 2 x 500 sheets; 60 – 256 gsm
<b>PC-407 Large paper cassette</b>	A4; 2,500 sheets; 60 – 256 gsm
<b>DK-507 Copier desk</b>	Storage of paper; etc.
<b>BT-C1 Banner tray</b>	Multipage banner printing
<b>VI-505 Interface kit</b>	Fiery controller interface card

<b>IC-412 Fiery controller</b>	Professional colour print controller, available for bizhub C280/C360
<b>AU-101 Biometric authentication</b>	Finger vein scanner
<b>AU-102 Biometric authentication</b>	Finger vein scanner
<b>AU-201 IC-Card authentication</b>	IC-Card scanner
<b>KH-101 Keyboard holder</b>	To place the USB keyboard
<b>EK-604 I/F kit</b>	USB keyboard connection
<b>EK-605 I/F kit</b>	USB keyboard connection and Bluetooth
<b>MK-720 Fax mount kit</b>	I/F board for fax FK-502
<b>FK-502 Fax board</b>	Super G3 fax
<b>WT-506 Working table</b>	Authentication device placement
<b>LK-101v2 i-Option licence</b>	Webbrowser, Image panel
<b>LK-102 i-Option licence</b>	PDF enhancement
<b>LK-105 i-Option licence</b>	Searchable PDF
<b>UK-203 i-Option memory</b>	Memory extension for i-Option
<b>SC-507 Security Kit</b>	Copy Guard and Password Copy

## → Finishing options



corner stapling



2-point stapling



four-hole punching



two-sided printing/  
duplex



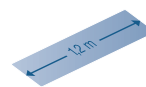
combined mixplex/  
mixmedia



booklet/  
booklet (folding and  
saddle stitching)



offset sorting/  
auto-shift sorting



banner  
printing



## → Technical specifications

### ■ Copier specifications

<b>Copying process</b>	Electrostatic laser copy Tandem, indirect
<b>Toner system</b>	Simitri HD™ polymerised toner
<b>Copy/print speed A4 (mono/colour)</b>	Up to 22/22 cpm (C220) Up to 28/28 cpm (C280) Up to 36/36 cpm (C360)
<b>Copy/print speed A3 (mono/colour)</b>	Up to 12/12 cpm (C220) Up to 17/17 cpm (C280/C360)
<b>Autoduplex speed A4 (mono/colour)</b>	Up to 22/22 cpm (C220) Up to 28/28 cpm (C280) Up to 36/36 cpm (C360)
<b>1st copy/print time (mono/colour)</b>	7.5/11.0 sec. (C220) 5.8/7.7 sec. (C280/C360)
<b>Warm-up time</b>	Approx. 45sec.*
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multi-copy</b>	1 – 9,999
<b>Original format</b>	A5 – A3
<b>Magnification</b>	25 – 400 % in 0.1 % steps Autozooming
<b>Copy functions</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, Watermark, Stamping, Copy Protection Card Shot

### ■ Printer specifications

<b>Print resolution</b>	Equivalent to 1800 x 600 dpi
<b>Controller CPU</b>	MPC8533 @ 1 GHz (C280/C360) MPC8533 @ 667 MHz (C220) 32 BIT
<b>Page description language</b>	PCL6c (PCL 5c + XL3.0) PostScript 3 (CSPI 3017)
<b>Operating systems</b>	Windows 2000 / XP / XP64 Windows VISTA 32 / 64 Windows DPWS support Macintosh 9.x / 10.x Server 2000 / 2003 / 2003x64 / 2008 / 2008x64 Unix / Linux / Citrix
<b>Printer fonts</b>	80x PCL Latin 137x PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of PCL, PS, TIFF, XPS, PDF and Encrypted PDF files Mixmedia and Mixplex Job programming "Easy Set" Overlay, Watermark, Copy Protection

### ■ Scanner specifications

<b>Scan speed</b>	Colour / Mono up to 70 opm (300 dpi via DF) Colour / Mono up to 40 opm (600 dpi via DF)
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	Network TWAIN scan Scan-to-eMail (Scan-to-Me) Scan-to-FTP Scan-to-SMB (Scan-to-Home) Scan-to-Box Scan-to-WebDAV Scan-to-DPWS Scan-to-USB
<b>File formats</b>	JPEG, TIFF, PDF, Compact PDF, Encrypted PDF, Outline PDF, XPS, Compact XPS
<b>Scan destinations</b>	2,100 (single + group), LDAP support

### Scan functions

Annotation (text / time / date) for PDF  
Up to 400 job programs

### ■ Fax specifications (optional)

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue, i-Fax, Colour i-Fax (RFC3949 -C) IP-Fax, SIP-Fax
<b>Fax resolution</b>	Max.: 600 x 600 dpi (ultra-fine)
<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 email, FTP, SMB Up to 400 job programs

### ■ User box specification

<b>Max. user boxes</b>	1,000
<b>Max. 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 functionality</b>	Reprint, combination, download, sending (email, ftp, smb and fax), copy box to box

### ■ System specifications

<b>System memory</b>	2048 MB
<b>System hard disc</b>	250 GB
<b>Interface</b>	10 Base-T/100 Base-T/1000 Base-T Ethernet USB 2.0
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6) IPX/SPX NetBEUI AppleTalk (EtherTalk) SMB LPD IPP SNMP HTTP
<b>Frame types</b>	Ethernet 802.2 Ethernet 802.3 Ethernet II Ethernet SNAP
<b>Automatic document feeder</b>	Up to 100 originals A6 – A3 35 – 210 gsm
<b>Printable paper size</b>	A6 – A3 full bleed Customised paper sizes Banner paper max. 1,200 x 297 mm
<b>Printable paper weight</b>	60 – 271 gsm
<b>Paper input capacity</b>	Standard: 1,150 sheets Max.: 3,650 sheets
<b>Tray 1</b>	500 sheets A5 – A3 60 – 256 gsm
<b>Tray 2</b>	500 sheets A5 – A3+ 60 – 256 gsm
<b>Tray 3 (optional)</b>	500 sheets A5 – A3 60 – 256 gsm
<b>Tray 3 + 4 (optional)</b>	2 x 500 sheets A5 – A3 60 – 256 gsm



## technical specifications, bizhub C220/C280/C360

<b>Large Capacity Cassette</b>	2,500 sheets A4 60–256 gsm
<b>Manual Bypass</b>	150 sheets A6–A3+, custom sizes, banner 60–271 gsm
<b>Automatic duplexing</b>	A5–A3 full bleed 64–256 gsm
<b>Finishing modes (optional)</b>	Offset, Group, Sort, Staple, Punch, Centre-fold, Booklet
<b>Output capacity (w. finisher)</b>	max. 3,200 sheets
<b>Output capacity (w/o finisher)</b>	max. 250 sheets
<b>Stapling</b>	50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
<b>Stapling output capacity</b>	Max. 1,000 sheets
<b>Booklet</b>	15 sheets or 14 sheets + 1 cover sheet (up to 209 gsm)
<b>Booklet output capacity</b>	75 sheets (tray)
<b>Copy/print volume (monthly)</b>	Recommended: 25,000 (C220) Recommended: 30,000 (C280) Recommended: 40,000 (C360) Max.: 35,000 (C220) Max.: 45,000 (C280) Max.: 60,000 (C360)
<b>Toner lifetime</b>	Black 29,000 CMY 26,000
<b>Developer lifetime</b>	Black 570,000 CMY 115,000
<b>Drum lifetime</b>	Black 70,000 (C220), 100,000 (C280), 120,000 (C360) CMY: 55,000 (C220), 75,000 (C280), 90,000 (C360)
<b>Power consumption</b>	220–240 V/50/60 Hz Less than 1.5 kW
<b>System dimensions (W x D x H mm)</b>	643 x 842 x 770
<b>System weight</b>	Approx. 98 kg

### System Features

<b>Security</b>	ISO15408 EAL3 (in evaluation) IP filtering and port blocking SSL2, SSL3 and TLS1.0 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) Memory data auto deletion Confidential fax receipt Print user data encryption Copy Guard and Password Copy
<b>Accounting</b>	Up to 1,000 User Accounts Active Directory support (user name + password + email + smb folder) User function access definition Biometric Authentication (finger vein) optional IC-Card Authentication (IC-Card reader) optional
<b>Software</b>	PageScope Net Care Device Manger PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility



\* Warm up time may vary depending on the operating environment and usage