bizhub C220, C280 and C360
Innovative whether black & white or colour
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.
Innovative, affordable, easy: whether black & white or colour

Advanced technology

Equipped with Konica Minolta’s proprietary Auto-Refining Developing System (ARDS), the bizhub C220, C280 and C360 guarantee a stable and constant b/w image quality. This innovative technology continuously refreshes the developer, adding a certain amount with each new toner cartridge. The thus improved efficiency ensures increased consumables yields and enables these products to produce b/w documents at similarly low prices as an all-b/w system. And with the irresistible extra of attractive low-cost colour, the bizhub C220, C280 and C360 are the perfect choice in any line of business.

Efficient access and cost control

Thanks to the bizhub C220, C280 and C360’s comprehensive access control features, the colour functionality can easily be disabled as required, only allowing some users to produce colour documents while restricting the majority of users to b/w printing and copying.

The allocation of such access rights and function restrictions begins with standard password authentication which reliably limits system access to authorised users. Up to 1,000 user accounts are conveniently created with Active Directory support and can include specific access rights for individual users.

For more user convenience, authentication can also be via optional biometric finger vein scanner or non-contact IC-card. Another feature aiding cost control is the account tracking functionality which allows monitoring the monthly document production costs for single users or whole departments. These efficient control mechanisms provide increased transparency of usage and help keep document production costs in check, whether the use of colour is permitted or not.

Impressive ease of use

As innovative multifunctionals for all-round office communication, the bizhub C220, C280 and C360 offer enhanced ease of use and many everyday conveniences. Their user-friendly colour touch screen can be tilted and turned to guarantee excellent visibility from any angle. Colour preview and thumbnail features allow checking exactly what the final document will look like, avoiding mistakes before printing. The logical screen layout, animated help and guidance features as well as an optional hardware keyboard further support the simple and straightforward operation.

Ease of operation has also been improved with the introduction of a customised printer driver tab: under MyTab users can individually combine their frequently used features enabling them to make all settings in a single screen.

Configurations
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.
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.

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.
Impressive media competence

The bizhub C220, C280 and C360 come with excellent media capabilities: They process standard paper formats up to A3+ as well as any customised size. Paper qualities of up to 256 gsm can be fed from the trays; the bypass also accepts 271 gsm as well as special media like labels, transparencies and envelopes. The standard paper capacity of 1,150 sheets can be extended to an impressive 3,650 sheets. Via the bypass it is possible to produce banners of up to 1.2 metres length, facilitating the creation of e.g. project schedules, floor plans, holiday schedules and any other oversized document.

Thanks to their comprehensive media flexibility, the bizhub C220, C280 and C360 show competence in the production of every imaginable office document, from correspondence, invoices, meeting minutes and briefs to presentations, forms, analyses, statistics and reports – whether in black and white or colour.

Attractive finishing flexibility

With their choice of three output devices – including a modular floor-type finisher, a highly compact integrated staple finisher and a job separator – the bizhub C220, C280 and C360 can be suitably equipped for the individual needs of any office.

The floor-type finisher has a generous output capacity of 3,200 sheets and thanks to its modular concept can be enhanced with various features. In addition to multi-position stapling of manuals, reports and other comprehensive documentation, punching can be equipped, ideal for example for meeting minutes. The inline booklet feature provides the fully automatic production of centre-folded and saddle-stitched brochures and booklets of up to 60 pages.

A low-cost finishing alternative is the smaller staple finisher that integrates almost completely into the device’s mainbody, keeping the system’s footprint extremely compact. Also available is a simple and straightforward job separator which keeps different jobs clearly apart.
Ecologically sound –
whether in black & white or colour

Low TEC values

bizhub C220, C280 and C360 feature among the lowest TEC values in their class. The TEC value represents an electrical product’s typical electricity consumption (TEC) within one week with the calculation based on average office use. The systems switch to energy-saving mode faster and consume considerably less power in sleep mode than previous products. Not only does this support the eco-friendly operation of the complete product series; it also helps to save running costs and keeps all three models well within the latest regulations of the Energy Star and the German Blue Angel.

Eco-friendly Simitri® HD toner

The low energy consumption of the bizhub C360 series is also largely due to Konica Minolta’s state-of-the-art fusing technology: The use of Simitri® HD polymerised toner enables fixing at lower temperatures, which minimises the warm-up period while maximising energy efficiency. At the same time the polymerisation process of Simitri® HD toner has considerably less environmental impact than the production of conventional toner. And yet, with its tiny and uniformly shaped toner particles Konica Minolta’s proprietary Simitri® HD polymerised toner achieves an image quality second to none. Razor-sharp text and lines, colours that don’t fade, and a smooth and highly durable print finish ensure longer-lasting prints of better quality than ever – while nevertheless supporting a faultless eco performance.

Extra-quiet operation

With their extremely quiet operation, the bizhub C220, C280 and C360 are highly comfortable to work side by side with and perfectly suited for installation in any location, even in open-plan offices. Numerous technical improvements throughout the products, including steps to eliminate or reduce unpleasant noises, e.g. fan noise, have greatly reduced the operating noise and optimised the systems’ overall noise emission. As a result, all three products are top of the class in their extra-quiet operation.

Resource-friendly design

In compliance with its ISO 14001-based environmental management system, Konica Minolta promotes resource-friendly product development, including the use of recycled materials wherever possible, and a consumables design that enables the fast and simple separation into their component materials for easy recycling. For the bizhub C220, C280 and C360 this included the redesign of the toner bottle to make its recycling more straightforward and convenient.

As part of its zero waste manufacturing concept, Konica Minolta strives to minimise the ecological impact of its products with efficient environmental activities throughout all stages of the product lifecycle. One aspect of this are reusable or recyclable packaging materials for hardware and consumables to minimise the waste generated by each device. Smaller packaging also helps reduce transport and storage costs. Activities include the promotion of energy-saving issues as well as comprehensive efforts for recycling and reuse – all in the interest of maximised environmental protection.
technical specifications, bizhub C220/C280/C360

→ Descriptions

bizhub C220/C280/C360
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+, 12 m banner and 60 – 271 gsm. 2 GB memory, 250 GB hard disc and 1 GB Ethernet standard.

DF-617 Document feeder
Automatic document feeding of up to 100 originals

IC-412 Fiery controller
Professional colour print controller, available for bizhub C280/C360

OC-509 Original cover
Cover instead of ADF

AU-101 Biometric authentication
Finger vein scanner

FS-527 Staple finisher
50 sheet stapling, output capacity 3,200 sheets

AU-102 Biometric authentication
Finger vein scanner

PK-517 Punch kit
4 hole punching

AV-101 Keyboard holder
To place the USB keyboard

JS-603 Job separator
Separation of e.g. fax and copy/print output for FS-527

UK-101 IC-Card authentication
IC-Card scanner

SD-509 Saddle kit
Booklet finishing

AU-102 Biometric authentication
Finger vein scanner

FS-529 Staple finisher
50 sheet stapling, output capacity 300 sheets

FS-529 Staple finisher
50 sheet stapling, output capacity 300 sheets

JS-500 Job separator
Separation of e.g. fax and copy/print output

FS-529 Staple finisher
50 sheet stapling, output capacity 300 sheets

PC-107 1x Paper cassette
A3–A3; 1 x 500 sheets; 60–256 gsm

JS-500 Job separator
Separation of e.g. fax and copy/print output

PC-207 2x Paper cassette
A3–A3; 2 x 500 sheets; 60–256 gsm

SD-509 Saddle kit
Booklet finishing

PC-407 Large paper cassette
A4; 2,500 sheets; 60–271 gsm

PC-407 Large paper cassette
A4; 2,500 sheets; 60–271 gsm

DK-507 Copier desk
Storage of paper; etc.

BT-C1 Banner tray
Multipage banner printing

EK-604 I/F kit
USB keyboard connection

VI-505 Interface kit
Fiery controller interface card

EK-605 I/F kit
USB keyboard connection and Bluetooth

EA-517 IF kit
Earphone

MK-720 Fax mount kit
I/F board for fax FK-502

EH-617 I/F kit
USB keyboard connection and Bluetooth

FS-529 Staple finisher
50 sheet stapling, output capacity 300 sheets

FP-502 Fax board
Super G3 fax

JS-505 Job separator
Separation of e.g. fax and copy/print output

WT-506 Working table
Authentication device placement

JS-506 Working table
Authentication device placement

UK-203 i-Option memory
Memory extension for i-Option

EH-617 Interface kit
USB keyboard connection and Bluetooth

LK-105 i-Option licence
Searchable PDF

EK-606 I/F kit
USB keyboard connection and Bluetooth

AU-201 IC-Card authentication
IC-Card scanner

EK-607 I/F kit
USB keyboard connection and Bluetooth

MK-102 I-Option licence
PDF enhancement

MK-101 I-Option licence
Webbrowser, Image panel

KH-101 Keyboard holder
To place the USB keyboard

LK-102 I-Option licence
PDF enhancement

EK-608 I/F kit
USB keyboard connection and Bluetooth

LK-105 i-Option licence
Searchable PDF

UK-203 i-Option memory
Memory extension for i-Option

LK-103 i-Option licence
PDF enhancement

UK-203 i-Option memory
Memory extension for i-Option

SC-507 Security Kit
Copy Guard and Password Copy

→ Finishing options

corner stapling
2-point stapling
four-hole punching
two-sided printing/duplex
combined replex/mixmedia
booklet/ booklet (folding and saddle stitching)
offset sorting/auto-shift sorting
banner printing
**Copier specifications**

**Electrostatic laser copy**
- Tandem, indirect
- Toner system: Simitri HD™ polymerised toner

**Copy/print speed A4 (mono/colour)**
- Up to 22/22 cpm (C220)
- Up to 28/28 cpm (C280)
- Up to 36/36 cpm (C360)

**Copy/print speed A3 (mono/colour)**
- Up to 12/12 cpm (C220)
- Up to 17/17 cpm (C280/C360)

**Autoduplex speed A4 (mono/colour)**
- Up to 22/22 cpm (C220)
- Up to 28/28 cpm (C280)
- Up to 36/36 cpm (C360)

**1st copy/print time (mono/colour)**
- 7.5/11.0 sec. (C220)
- 5.8/7.7 sec. (C280/C360)

**Warm-up time**
- Approx. 45 sec.

**Copy resolution**
- 600 x 600 dpi

**Gradation**
- 256 gradations

**Multi-copy**
- 1 – 9,999

**Original format**
- A5 – A3

**Magnification**
- 25 – 400 % in 0.1 % steps

**Copy functions**
- Chapter, view and page insertion
- Proof copy (print and screen)
- Adjustment test print
- Digital art functions
- Job setting memory
- Poster Mode, Image Repeat
- Overlay, Watermark, Copy Protection
- Card Shot

**Printer specifications**

**Print resolution**
- Equivalent to 1800 x 600 dpi

**Controller CPU**
- MPC8533 @ 1 GHz (C280/C360)
- MPC8533 @ 667 MHz (C220)
- 32 BIT

**Page description language**
- PCL6 (PCL 5c + XL3.0)
- Postscript 3 (DSPR 3.0)

**Operating systems**
- 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

**Printer fonts**
- 80x PCL Latin
- 137x PostScript 3 Emulation Latin

**Print functions**
- Direct print of PCL, PS, TIFF, XPS, PDF and Encrypted PDF files
- Mmmedia and Miplex
- Job programming "Easy Set"
- Overlay, Watermark, Copy Protection

**Scanner specifications**

**Scan speed**
- Colour / Mono up to 70 cpm (300 dpi via DF)
- Colour / Mono up to 40 cpm (600 dpi via DF)

**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
- Scan-to-WiMAX
- Scan-to-IPWS
- Scan-to-USB

**File formats**
- JPEG, TIFF, PDF, Compact PDF, Encrypted PDF, Outline PDF, XPS, Compact XPS

**Scan destinations**
- 2,100 (single + group), LDAP support

**Fax specifications**

**Fax standard**
- Super G3 (optional)

**Fax transmission**
- Analogue, i-Fax, Colour i-Fax (RFC3949 -C) IP-Fax, SIP-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 email, FTP, SMB
- Up to 400 (job programs)

**User box specification**

**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**
- 2048 MB

**System hard disc**
- 250 GB

**Interface**
- 10 Base-T/100 Base-T/1000 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**
- Up to 100 originals
- A6 – A3
- 35 – 210 gsm

**Printable paper size**
- A6 – A3 full bleed
- Customised paper sizes
- Banner paper max. 1,200 x 297 mm

**Printable paper weight**
- 60 – 271 gsm

**Paper input capacity**
- Standard: 1,150 sheets
- Max.: 3,650 sheets

**Tray 1**
- 500 sheets
- A5 – A3
- 60 – 216 gsm

**Tray 2**
- 500 sheets
- A5 – A3
- 60 – 216 gsm

**Tray 3 (optional)**
- 500 sheets
- A5 – A3
- 60 – 216 gsm

**Tray 3 + 4 (optional)**
- 2 x 500 sheets
- A5 – A3
- 60 – 216 gsm
### Technical Specifications: bizhub C220/C280/C360

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

#### System Features

**Security**
- ISO15408 EAL3+ (in evaluation)
- 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 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

**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
- IC-Card Authentication (IC-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

*Warm up time may vary depending on the operating environment and usage*
All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.

All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode.

The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, 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 consumables life will vary depending on the 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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