



KONICA MINOLTA

The essentials of imaging



bizhub C550

Form follows function



Office system bizhub C550

bizhub C550, office system



Pure innovation. Pure design.

The new bizhub C550 embraces Konica Minolta's philosophy of innovation and change. Introducing the revolutionary InfoLine design, the bizhub C550 incorporates the fundamentals of existing bizhub models into a stylish and technologically superior office tool unlike any encountered before.

- The bizhub C550 integrates seamlessly into any IT infrastructure. Its advanced communication technologies and the unique bizhub Open Platform streamline speed up the information flow in busy offices and provide the pace and flexibility large departments are looking for.
 - Latest induction heating fusing technology allows a greater media flexibility than ever and yet excels with unparalleled energy efficiency. The new Simitri® HD polymerised toner plays an important part in the bizhub C550's outstanding print quality.
 - Using the bizhub C550 is simple and straightforward – thanks to Konica Minolta's universal design concept. Its large full-colour touch-screen display can be tilted and turned to guarantee excellent visibility from any angle. And, combining a compact build and small footprint with a sturdy construction and robust metal framework, the bizhub C550 is surprisingly hard-wearing and productive.
- Form follows function in the bizhub C550. Its new design and advanced functionality will truly change the way companies do business.

→ Workflow options





Designed for pioneering technology

The bizhub C550 looks and feels different – not only because of its stylish and elegant outer design! It also has amazing inner values and boasts a wealth of technological innovations, which improve and enhance its performance considerably.

→ Induction heating fusing technology

This state-of-the-art fusing technology is a true innovation in the bizhub C550. A revolutionary warm-up time of just 85 seconds minimises energy consumption and maximises energy efficiency. Induction heating provides a safe and instant source of heat that enables fusing at a lower temperature. This ensures an attractively enhanced media flexibility while maintaining the fusing accuracy.

→ Simitri® HD polymerised toner

With tiny and uniformly shaped toner particles Konica Minolta's proprietary Simitri® HD toner achieves an image quality second to none. Razor-sharp text and lines, a smooth and highly durable print finish, and an unparalleled colour fade resistance ensure longer-lasting prints of better quality than ever. Perfect for professional materials like mailings and leaflets the print surface doesn't break or peel on folded pages. And thanks to the high-quality low-gloss surface hand-writing is possible on any document.

At the same time Simitri® HD polymerised toner is very economic to use; and the polymerisation production process is kind to the environment, too!

→ Next-generation Emperon controller

Unique to Konica Minolta, the proprietary Emperon controller technology is an integral part of the overall system architecture and the vital component that ensures the bizhub C550's seamless integration into almost any network environment. With its Windows, Mac, UNIX, Linux and Citrix support the Emperon is compatible with any office infrastructure, providing impressive levels of productivity and performance power.

The Emperon controller in the bizhub C550 features an ultra-fast 64 BIT CPU with 867 MHz. A new universal driver interface gives the PCL and PostScript drivers a common design and unified structure, much increasing convenience and ease of use for regular as well as occasional users.



→ Configurations



bizhub C550, office system



Designed for ease of use

Users in offices and busy departments will find working with the bizhub C550 pure joy. Its logical design makes Konica Minolta's comprehensive functionality more accessible than ever; and comprehensive fax, scanning, box, printing and copying functionalities provide previously unattained efficiency and convenience.

➔ Easy usability

With the bizhub C550's generous user convenience every-day office tasks are accomplished much faster, leaving users free to address more important issues. User interaction with the bizhub C550 is highly intuitive via the system's unique control panel. And a series of advanced help screens makes checking the user manual is a thing of the past – saving even more valuable user time!

- Intuitive operation via large LCD display with colour touch-screen
- Fast document previews with colour thumbnails of copies and scans
- Easy saving and recall of recurring job programmes
- Convenient sharing of job settings

➔ Unique box feature

An elaborate Box functionality on the bizhub C550's enhances the flow of information inside and outside busy departments. Konica Minolta's User Box approach much facilitates the storing, archiving and sharing of scanned, printed, copied and faxed information.

- Up to 1,000 boxes with flexible access rights
- Boxes can be individually defined as private, public or for groups
- PageScope Web Connection for easy access to boxes via straightforward browser interface





→ Advanced scanning capabilities

As an integral part of today's communication in the office, scanning streamlines the distribution and sharing of information. Via the bizhub C550's integrated document feeder multi-page documents are scanned in one shot and automatically converted to multi-page PDFs in next to no time. Even more efficient is Konica Minolta's unique ultra-compact PDF feature, as it speeds up the distribution of e.g. data-rich colour documents.

- Scan-to-eMail, -FTP, -SMB, -USB and -Box
- Flexible scan formats include multi-page PDF, JPG, XPS and TIFF
- Ultra-compact PDF format for super-fast distribution of very large files

→ Comprehensive fax functionality

While the traditional fax transmission and receipt of paper originals is of course possible with the bizhub C550, its comprehensive fax functionality goes much beyond that! A range of innovative digital functions streamline fax routines and help reduce telephone charges.

- Digital fax and digital store, including forward as eMail, save to box, save to PC
- Sending and receipt of fax data as eMail attachments via Internet Fax
- Sending of faxes in colour via IP Fax to supported bizhub devices on the Intranet

→ Versatile printing and finishing

The bizhub C550's advanced print functionality focuses on the fully automatic production of professional documents. Whether in colour or black and white, the system is highly efficient, economical and always available. Special printing functions increase user creativity and flexibility; and generous finishing capabilities round off the bizhub C550's printing versatility.

- Auto detection feature minimises use of colour toner
- Still prints in b/w after depletion of colour toner
- Automatic duplexing at 100% productivity
- Creative printing features like overlay, mixplex, mixmedia, chapter and poster mode help produce e.g. leaflets, brochures and mailings in-house
- One-shot production of folded and centre-stapled booklets
- Finishing features include e.g. stapling, punching, letter fold, cover mode – perfect for manuals, reports and extensive documentation.



→ Finishing options



corner stapling



2-point stapling



two-hole punching



four-hole punching



duplex



combined mixplex/mixmedia



sheet insertion, report



letter fold



booklet



offset sorting

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Designed for (remote) device management

Clever design and advanced operation capabilities on the new bizhub C550 make everyone's job so much easier! Supported by a variety of standard PageScope applications, the administrator can turn the bizhub C550 into a central hub, which helps him access, manage and control all devices on the company network.

→ PageScope for efficient administration

With the PageScope Suite the bizhub C550 incorporates an impressive administrator feature set that helps to automate set-up procedures, streamlines network integration and provides reliable status monitoring as well as comprehensive device management.

- Flexible utilities make the PageScope Suite highly suitable for smaller companies, while the PageScope Enterprise Suite provides a Web application server for centralised account management in larger companies.
- PageScope Netcare satisfies important administrator demands, providing fast access and simple monitoring of individual or all devices on the network.

- Automatic eMail notifications alert users to the status of each device, enabling immediate attention to any problem and maximizing the uptime of all monitored equipment.
- The PageScope Data Administrator is synonymous for comprehensive account and data management. It streamlines the integration of new equipment into existing workflows and simplifies the programming of eMail addresses. Authentication and account data can be individually programmed per user, including e.g. limited access rights to specific functions such as colour printing. With that the Data Administrator also helps to cut costs and control output volumes.



→ Essential security

Including access security by authentication, the bizhub C550 offers a comprehensive range of security features and is certified to ISO 15408 EAL3.

- PDF encryption prevents the unauthorised tampering with PDF data. With encrypted communication (SSL) confidential data are useless if intercepted during transmission. Encryption is also available to make data storage on the bizhub C550's internal hard disc secure. And with secure printing a print job is only processed once the user has entered his individual password directly at the bizhub C550, so that confidential documents will not be left lying around.
- As a revolutionary innovation the bizhub C550 offers a biometric authentication option: Finger vein authentication works with images of finger vein patterns captured by scanning the finger. Not only is this biometric measurement very fast and convenient – users no longer need to remember passwords – as an internal characteristic it's also virtually impossible to falsify!

→ CS Remote Care remote diagnostic system

Providing 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.

Rapidly changing communication routines in the office are the challenge of today. Ahead of its time, the bizhub C550 will truly change the way companies do business.



→ Print Status Notifier

Pop-up messages on the PC screen keep users informed of the device status and progress of their job. Users save time and can concentrate on other tasks as there's no need to keep checking the printer.



KONICA MINOLTA

Simitri HD
High Definition Polymerised Toner



CITRIX



Technical specifications

Copier specifications

Copying process
Electrostatic laser copy
Tandem, indirect

Toner system
Simitri® HD polymerised toner

Copy/print speed A4
Colour up to 45 ppm
Mono up to 55 ppm

Copy/print speed A3
Colour up to 23 ppm
Mono up to 28 ppm

1st Copy/print time
Colour 6.5 sec. (A4)
Mono 4.3 sec. (A4)

Warm-up time
Approx. 85 sec.

Copy resolution
600 x 600 dpi

Gradation
256 gradations

Multi-copy
1–9,999,
interruption mode

Original format
A5–A3

Magnification
25–400% in 0.1% steps
Autozooming

Copy functions
Chapter, cover and page insertion
Proof copy, Adjustment test print
Digital art, Job Recall
Job setting memory, Poster Mode,
Overlay, Stamping, Copy Protection

Printer specifications

Print resolution
Equivalent to 1,800 x 600 dpi

Controller CPU
PowerPC MC7448 @ 867 MHz
64 BIT

Page description language
PCL 6c (PCL 5c + XL3.0)
PostScript 3

Operating systems
Windows 2000/XP/XP64
Windows VISTA 32/64
Windows DPWS support
Macintosh 9.x /10.x
Server 2000/2003/2003 x64
Unix/Linux/Citrix

Print functions

Direct print of PCL, PS, TIFF, XPS, PDF
Mixmedia and mixplex
Job programming "Easy Set"
Overlay, Watermark, Copy Protection

Scanner specifications

Scan speed
Colour up to 70 opm (300 dpi via DF)
Mono up to 70 opm (300 dpi via DF)

Scan resolution
Max.: 600 x 600 dpi

Scan modes
Network TWAIN scan
Scan-to-eMail
Scan-to-FTP
Scan-to-SMB
Scan-to-Box
Scan-to-DPWS
Scan-to-USB (optional)

File formats
JPEG, TIFF, XPS, PDF, Compact PDF,
Encrypted PDF

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

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

Fax specifications (optional)

Fax standard
Super G3

Fax transmission
Analogue, i-Fax, 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 back-up memory
128 MB

Fax destinations
2,100 (single + group)

Fax functions
Polling, Time shift, PC-Fax
Receipt to confidential box
Receipt to eMail, FTP, SMB

System Specifications

System memory
1,024 MB

System hard disc
60 GB

Interface
10-Base-T/100-Base-T/
1,000-Base-T Ethernet
USB 2.0

Automatic document feeder
Up to 100 originals

Paper size
A6–A3 full bleed
Customised paper sizes

Paper weight
64–300 gsm

Paper input capacity
Standard: 3,650 sheets
Max.: 6,650 sheets

Paper output capacity
Max.: 3,100 sheets

Automatic duplexing
A5–A3 full bleed
64–256 gsm

Finishing modes (optional)
Offset, group, sort, staple, punch,
centre fold, letter fold, booklet

Copy/print volume (monthly)
Recommended: 70,000
Max.: 120,000

Power consumption
220–240 V / 50/60Hz
Less than 2.0 KW (system)

System dimensions (W x D x H, mm)
650 x 777 x 1,150

System weight
Approx. 190kg

System features

Security
ISO 15408 EAL3 (in evaluation)

Accounting
Up to 1,000 user accounts
Active Directory support
(user name + password)
User function access definition
Biometric authentication (finger vein)

Software
IC-Card authentication
(IC-Card reader) optional
PageScope NetCare
PageScope Data Administrator
PageScope Box Operator
PageScope Workware (Trial)
Direct Print Utility
Print Status Notifier
Driver Packaging Utility

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. Some of the product illustrations contain optional accessories.

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