KONICA MINOLTA

OFFERING
**THE SKILLS
TO WIN**

bizhub C20

The compact communication
specialist for colour and b/w

Office system bizhub C20

A4 colour-and-b/w allrounder for
advanced office
communication

Large businesses and complex organisations require dedicated solutions for cost-effective document production and comprehensive output management, including intelligent office communication. Cleverly done, such company-wide installations integrate productive central output devices with small local communication centres such as the bizhub C20. This compact multifunctional for colour and b/w leaves little to be desired when it comes to everyday office tasks – and is surprisingly economic to use. Its compact and stylish design as well as its generous functionality make it an asset in every office and especially suitable for departments that process sensitive data and confidential information, such as Controlling or Human Resources.

■ The bizhub C20 offers all the capabilities of a colour multifunctional in A4. It's the perfect compact alternative for locations that require full versatility but don't have a lot of room to spare. 'The bizhub C20 is ideal wherever space is at a premium, not only at reception or in the secretary's office.

■ Combining b/w and colour printing, copying, scanning and faxing in a single system, the bizhub C20 impresses with its comprehensive functionality. With both automatic duplexing and an automatic duplex document feeder standard, it is generously equipped and competent to handle the entire

varied every-day office tasks. Installed right next to the workplace thanks to its small footprint, the bizhub C20 is discreet, keeping all confidential information reliably safe – and as such it's an ideal choice for example for the personnel and/or controlling departments.

■ The use of Konica Minolta's proprietary Simitri ® HD polymerised toner makes the bizhub C20 a true professional with regard to quality. Whether in colour or b/w, it delivers beautifully sharp and crisp prints and copies. At the same time, the Simitri ® HD toner is very economic to use and, thanks to considerably lower fixing temperatures, kinder to the environment, too.

➔ Workflow options

Colour, Black&White	Copying		Scanning	TWAIN scan	WIA scan	Scan-to-eMail	Scan-to-SMB	Scan-to-FTP	Scan-to-USB
USB	Local/network	PCL/PS	Colour, Black&White	Printing		Faxing	PC-Fax	Super G3 Fax	

Mini
but mighty

It might be small but shouldn't be underestimated: the bizhub C20 excels with advanced technology and amazing flexibility. Thanks to its attractive user-friendly design and small footprint it integrates smoothly into any setup, adding quality to document output and enhancing overall productivity – in short, providing teams and offices with the skills to win!

■ With enhanced resolution of up to 600 x 600 dpi x 4 bit and an attractive matt finish, the print quality on the bizhub C20 is superb. Thanks to the advanced capabilities of Simitri ® HD – the high definition polymerised toner that Konica Minolta also applies to its larger multifunctionals – it delivers above-average quality and high durability. A unique edge enhancement process sharpens the contours of text and graphics, ensuring top performance especially for text, fine lines and drawings – the result is a crisp and clear printed image always, whether in colour or b/w.
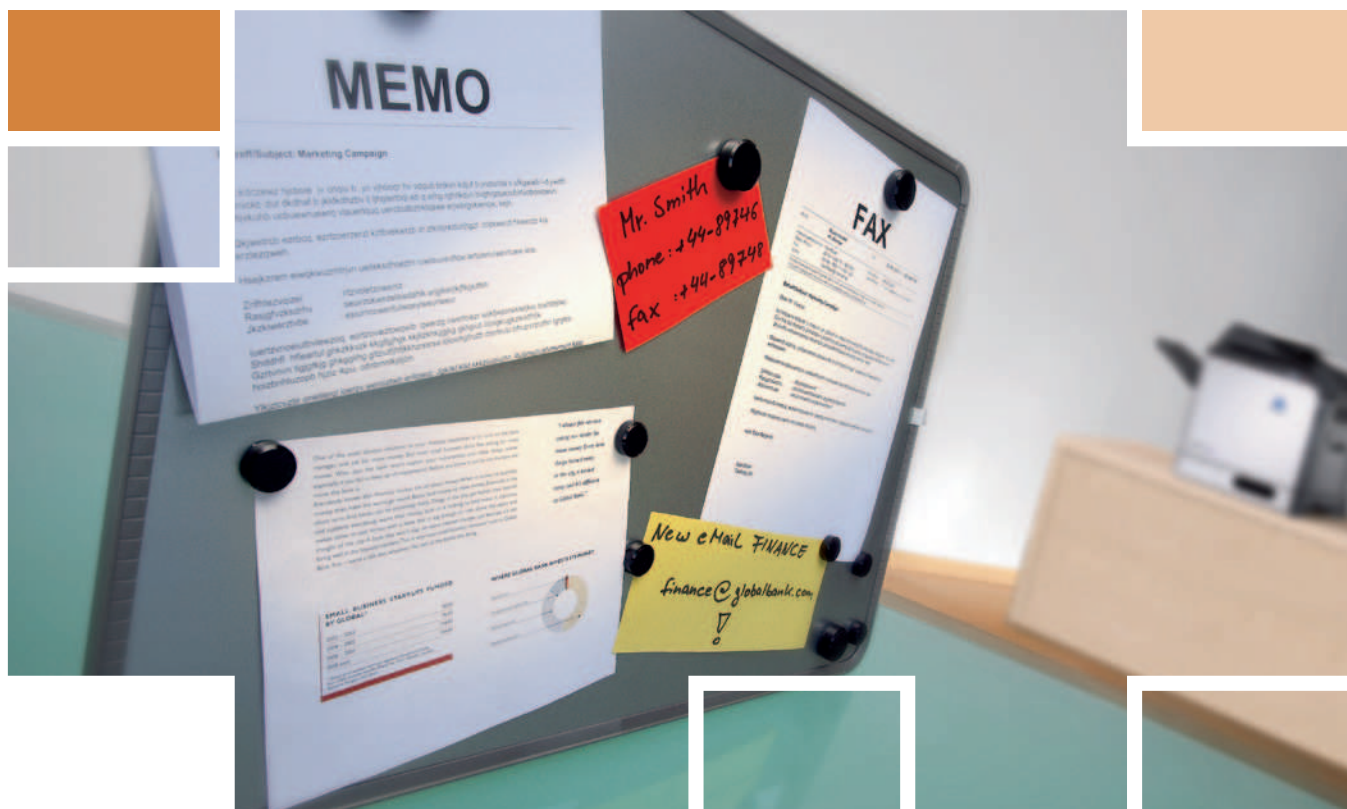
■ While very economic to use, the bizhub C20 also enables companies to show consideration for the environment. Low-temperature fixing saves up to 15 % energy and has been achieved with Simitri ® HD polimerised toner which needs a much lower fusing temperature. The important international energy star label testifies to this attractively low energy consumption. Also the production of Konica Minolta's proprietary polymerised toner is environmentally sound: during the production process of Simitri ® HD toner 40 percent less CO_2, NO_2 and SO_2 are emitted than with conventional pulverised toners.

■ Administration is made easy with the bizhub C20 : PageScope Web Connection provides simple and straightforward web-based device management – users can easily call up information on the status and settings of the bizhub C20 right on their PC monitor. At the same time PageScope Netcare enhances the administrator support with fast access and simple monitoring on the network.

→ **Configurations**

bizhub C20

Versatile communication &
future-ready

The bizhub C20 is the perfect local communication partner for little teams and small offices. Equipped with Konica Minolta's latest Emperon controller technology, this compact multifunctional is competent when it comes to creating and managing everyday office documents.

→ Speedy copying

A productive tandem A4 copier, the bizhub C20 supplies fast 24 pages per minute – in colour as well as in b/w. Its scan-once-print-many functionality makes the production of multiple copies quick, simple and straightforward. Added convenience is available with automatic duplex copying and the automatic duplex document feeder, both standard. Other practical functions include zoom and the 2-in-1 or 4-in-1 function, with which up to 4 pages can be combined on one sheet to save paper.

With its versatile media handling capabilities the bizhub C20 has a real talent for producing sophisticated, professional-looking documents. The standard 250-sheet paper feeder is enhanced with a flexible 100-sheet multi manual feed tray via which up to 210 gsm paper can be fed. In addition, the overall paper capacity can be increased to a generous 850 sheets with an optional lower paper feeder.

➜ Productive printing

As a printer, the bizhub C20 features a 500 MHz processor plus standard 256 MB RAM, upgradeable to 768 MB. Konica Minolta's highly efficient Emperon™ system ensures compatibility with PostScript ® 3™ and PCL ® 6 and enables seamless integration into virtually any network. Native support of XPS, Microsoft Vista™'s XML paper specification, is provided via the optional HDD. With Gigabit Ethernet and high-speed USB 2.0 support the bizhub C20 is well equipped and future-ready. Direct USB print for PDF, TIFF, JPEG and XPS formats is available as an option.

Special print features include n-up printing, automatic page output in booklet order, poster mode and image overlay – highly practical for forms printing or for example to combine correspondence automatically with the company letterhead. If the optional HDD is equipped secure printing is also available, enabling users to delay printing by first setting a password on their computer, which they then need to enter directly at the bizhub C20's display to release their job. Full confidentiality is thus guaranteed.

➜ Advanced scanning

With an identical scanning speed of up to 24 originals per minute, the bizhub C20 is a highly productive scanner for colour and b/w. Its automatic duplex document feeder enables automatic scanning of the front and the reverse of a page, making scanning even more productive. Same as on Konica Minolta's A3 MFPs, a wealth of enhanced network scan functions is available, including Scan-to-email, -FTP and -SMB. This means direct network scanning – neither additional software nor a locally connected PC are required. Scan to USB memory enables direct storing of scans in PDF, JPEG or TIFF format on a USB stick – a "detour" via the computer is not necessary.

As an effective pull scan application, the Link Magic software facilitates scanning from the PC without opening any specific application. The functions TWAIN and WIA Scan are also available; and the standard PaperPort 11SE scan software provides a convenient OCR functionality, making the managing and archiving of documents faster and easier
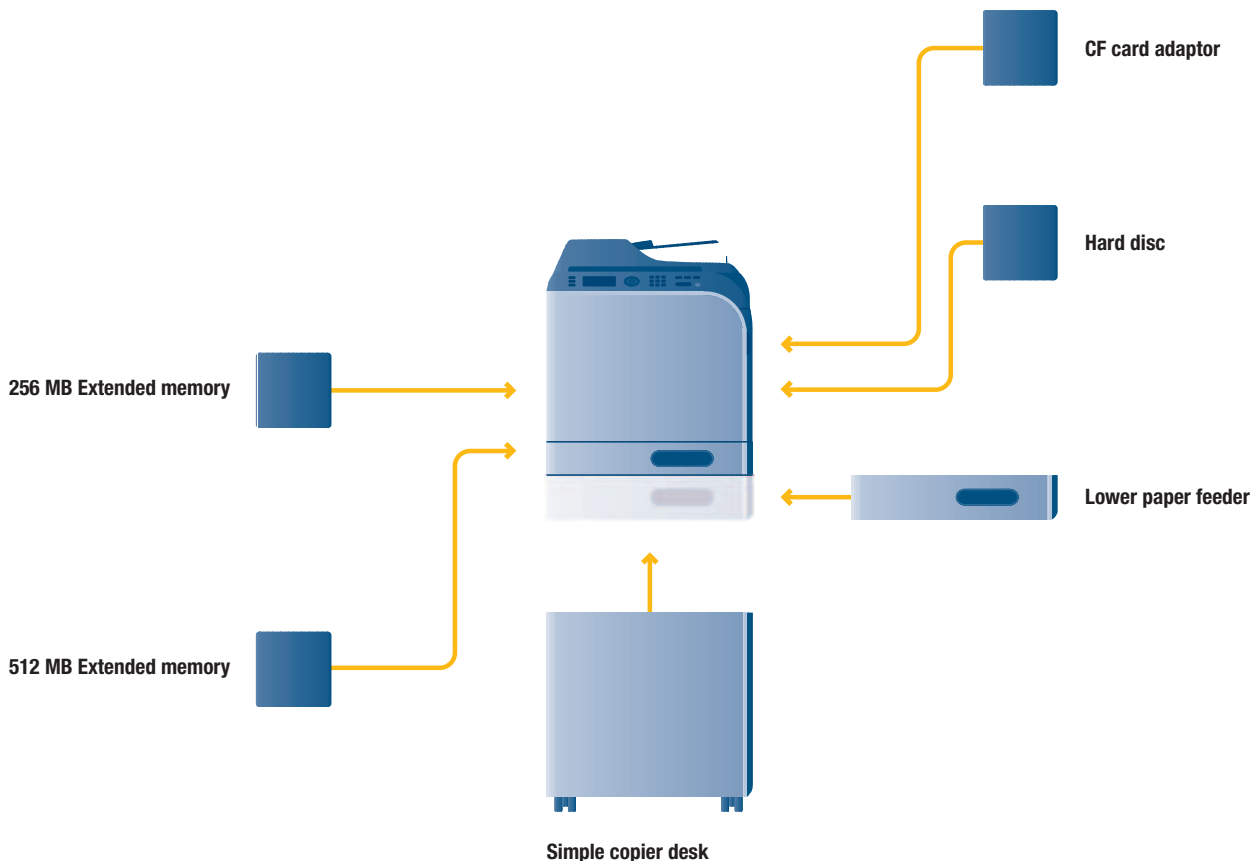
➜ Flexible faxing

The bizhub C20 is a capable ECM/Super G3 fax that enables its users to send and receive documents at high speed. Its address book functionality includes up to 220 speed dials that can be combined into to 20 groups with max. 50 destinations each. User convenience is impressively generous and includes many practical functions such as time send and auto redial.

A helpful and versatile PC fax driver allows direct faxing of documents from the PC – no printout of the document is required. With the Fax-forward-to-email feature any incoming fax can directly go to a pre-programmed email address. It's up to the recipient to decide whether he needs to print the document at all.

The bizhub C20 offers a wealth of features, functionalities and conveniences that streamline every-day office communication, speeding up general office tasks and enhancing any team's or single user's productivity. It's the perfect choice as the local communication centre in busy companies and complex organisations.

→ Option diagram & descriptions

CF card adaptor

Hard disc

256 MB Extended memory

Lower paper feeder

512 MB Extended memory

Simple copier desk

bizhub C20 Basic system	A4 communication center with 24 c/ppm b/w and colour. Standard Emperon controller with PCL 6 and PostScript 3 support (XPS optional). Paper capacity of 100 + 250 sheets standard and 500 sheets optional. Automatic duplex document feeder and duplex unit standard. Up to 768 MB memory (256 MB standard) and optional 40 GB hard disc.	**CF card adaptor**	Adaptor for Compact Flash Cards; required for storing fonts forms/overlays/colour-profiles; direct printing; collating
		Hard disc	40 GB hard disc; enables secure printing; proof-then-print; print & hold; job storing and XPS support in addition to all extra functions with CF card
256 MB Extended memory	Memory Extension; faster processing	**Lower paper feeder**	A4, up to 500 sheets
512 MB Extended memory	Memory Extension; faster processing	**Simple copier desk**	Simple copier desk, provides better usability height, paper storage

→ Technical specifications

■ Copier specifications

Copying process	Electrostatic laser, Tandem, indirect
Toner system	Simitri® HD- polymerised toner
Copy/print speed A4	Colour up to 24 ppm Mono up to 24 ppm
Autoduplex speed A4	Colour up to 24 ppm Mono up to 24 ppm
1st copy time (A4)	Colour 28 sec. Mono 25 sec.
Warm-up time	Approx. 58 sec.
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multi-copy	1 – 99
Original format	Max. A4
Magnification	25 – 400% in 1 % steps
Copy functions	2in1, 4in1 Duplex copy Density adjustment Electronic collation

■ Printer specifications

Print resolution	PhotoART 9600 (600 x 600 x 4-bit contone)
1st print time (A4)	Colour and Mono 18 sec.
Controller CPU	500MHz
Page description language	PostScript 3 PCL6 (XL3.0) PCL 5e/c XPS[2]
Operating systems	Windows 2000/XP/XP64 Windows VISTA 32/64 Macintosh OSX 10.2, 10.3, 10.4 Windows Server 2003/2003x64 Linux: Redhat v9.0, SUSE v8.2
Printer fonts	137 standard PostScript fonts 93 PCL scalable fonts 51 symbol sets 10 standard line printer fonts
Print functions	ICC profile/Simulation support Direct print of TIFF, JPEG, PDF, XPS[2] USB direct printing[1] of TIFF, JPEG, PDF, XPS[2] Job programming "Easy Set" – storable print settings Overlay, Watermark

■ Scanner specifications

Scan speed	Colour up to 24 opm Mono up to 24 opm
Scan resolution	Max.: 600 x 600 dpi
Scan modes	TWAIN Scan Windows WIA scan Scan-to-eMail Scan-to-SMB Scan-to-FTP Scan-to-USB Memory
File formats	JPEG, TIFF, PDF
Scan destinations	Up to 220 destinations (shared with fax)

■ Fax specifications

Fax standard	Super G3
Fax transmission	Analogue
Fax resolution	Max.: 203 x 392 dpi (superfine)
Fax compression	MH, MR, MMR, JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	Up to 220 destinations
Fax functions	Time Shift PC-Fax Receipt to eMail

■ System specifications

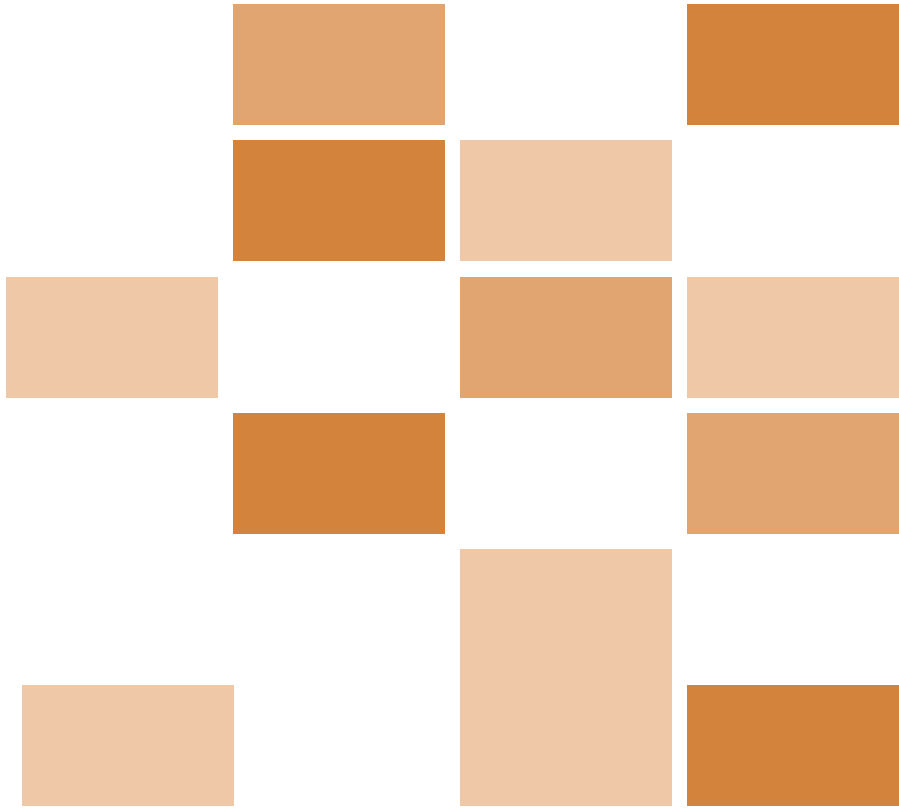|	
System memory	256 MB standard, 768 MB maximum
System hard disc	40 GB optional
Interface	10 Base-T/100 Base-T/1,000 Base-T Ethernet; USB 2.0
Network protocols	TCP/IP IPX/SPX EtherTalk LPD IPP1.1 SNMP HTTP HTTPS
Automatic duplex document feeder	Up to 50 originals A4; 35 – 128 gsm
Printable paper size	A6 – A4; Custom paper sizes (92 – 216 mm x 148 – 356 mm)
Printable paper weight	60 – 210 gsm
Paper input capacity	Standard: 350 sheets Max.: 850 sheets
Multi manual feed tray	100 sheets A6 – A4 60 – 210 gsm Custom paper sizes
Paper feeder	250 sheets A6 – A4 60 – 90 gsm
Lower paper feeder (optional)	500 sheets A4 60 – 90 gsm
Automatic duplexing	A4 60 – 90 gsm
Output capacity	max. 250 sheets face down standard
Toner lifetime	CMYK approx. 8,000
Print Unit lifetime	CMYK approx. 30,000
Power consumption	220 – 240 V / 50/60Hz Less than 1.25 KW (system)
System dimensions (WxDxH mm)	539 x 590 x 578
System weight	Approx. 55kg

■ System Features

Security	IP filtering IPsec support Secure Print[2] IEEE802.1
Software	PageScope NetCare PageScope Network Setup PageScope NDPS Gateway Page Scope Direct Print LinkMagic PaperPort SE

KONICA MINOLTA

Simitri HD
High Definition Polymerised Toner

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