KONICA MINOLTA

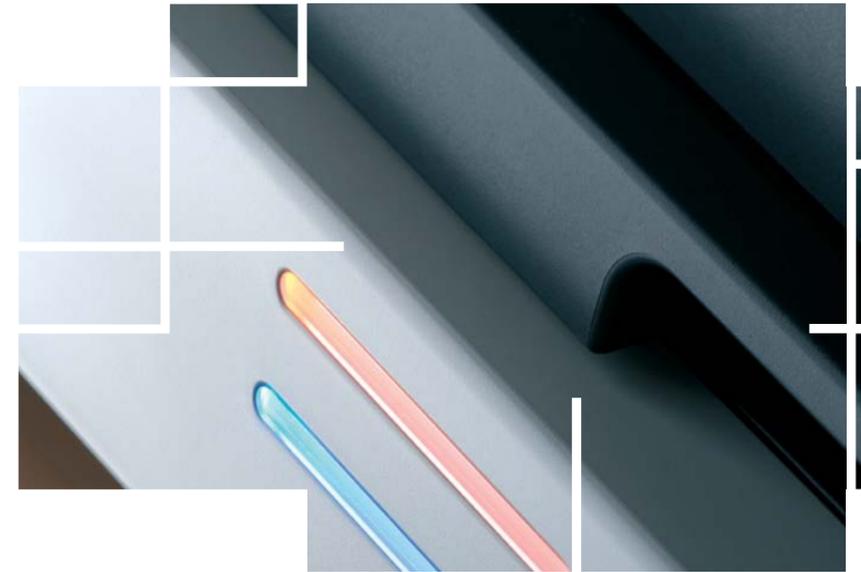# bizhub 501

The workflow device for black & white

Office system bizhub 501

Universally efficient
black & white all-rounder

Busy office environments, especially in mid-sized to larger companies, frequently experience bottlenecks when it comes to effective document production. With the bizhub 501, Konica Minolta now offers the skills to win by presenting a multifunctional device that takes this pressure off and is particularly suited for seamless integration into existing workflows.

■ At 50 pages per minute the device is perfectly capable of tackling larger volumes in departments of any size, such as general administration, accounting, personnel, procurement etc. Its innovative InfoLine design makes the bizhub 501 an attractive addition to any office. Operation is simple and intuitive via the large LCD display with colour touch-screen.

■ Thanks to a compact yet highly modular optional finisher, the bizhub 501 impresses with its true finishing versatility. The embedded finisher integrates into the system and provides generous functionality ranging from sorting and stapling via punching to the creation of complete centre-stapled and crease-folded booklets. Upgraded with a mailbin unit, output can be separated into prints, copies and incoming faxes. As a more straightforward output alternative, a simple job separator with 2 trays is also available.

■ Just like any bizhub system, the bizhub 501 offers the Konica Minolta "Skills to Win" – it integrates perfectly into the bizhub line-up, comes equipped with a range of applications, and shows consideration for the environment.

→ **Workflow options**

Black&White	Copying	Scanning
USB Local/network PCL/PS Black&White	Printing	TWAIN network Scan-to-SMB Scan-to-Box/Personal Box
Reprint Sharing Box-to-Box Distribution	Box	Scan-to-eMail Scan-to-FTP Scan-to-USB
	Faxing	IP-Fax i-Fax PC-Fax SIP-Fax Super G3 Fax

SKILLS TO BENEFIT FROM TECHNOLOGY

→ Advanced scan & fax communication

Scanning streamlines the distribution and sharing of information. The bizhub 501 provides scan to email, FTP, SMB and User Box*, with scan formats including multi-page PDF, XPS* and TIFF. At the same time it impresses with versatile optional fax capabilities which include Digital Fax and Digital Store; Internet Fax to send and receive fax data as e-mail attachments; and IP Fax enabling direct faxing with other bizhub devices on the Intranet. Various security features make all fax communication safe and confidential.

the professional approach to the office

→ Convenient box functionality

With Konica Minolta's unique User Box* approach the storing and managing of information on the bizhub 501 becomes truly efficient. User boxes can be set up with flexible access rights and defined as public, for group use or private; and passwords are easily assigned where required. In addition the PageScope Box Operator provides direct access from the PC to the stored documents, while multi-file preview enables fast searches via thumbnails.

→ Essential security & access control

Addressing the vital question of security, the bizhub 501 complies with the latest international security standard ISO 15408 EAL3 and is equipped with a complete security package to keep critical information safe, prevent unauthorised access to the company network and make tampering with confidential data impossible. Of particular note is the biometric authentication option: finger vein authentication works with images of finger vein patterns captured by scanning the finger and provides for quick and accurate access to the machine. Alternatively, authentication by non-contact IC card is also available.

* HD509 required

→ Powerful technology

Konica Minolta's powerful Emperon™ controller ensures the seamless integration of the bizhub 501 into any company network. Providing Windows, Mac, UNIX, Linux and Citrix support and supporting XPS, Microsoft Vista™'s new XML paper specification, the Emperon™ technology is compatible with virtually any infrastructure. Its universal driver interface for both PCL and PostScript means extra convenience and ease of use.

→ Perfect quality

Working with Konica Minolta's proprietary Simitri® toner, the bizhub 501 delivers great print quality. This unique polymerised toner features tiny, uniformly shaped particles to achieve its excellent results. Documents benefit from razor-sharp text and finest lines as well as a highly durable print finish.
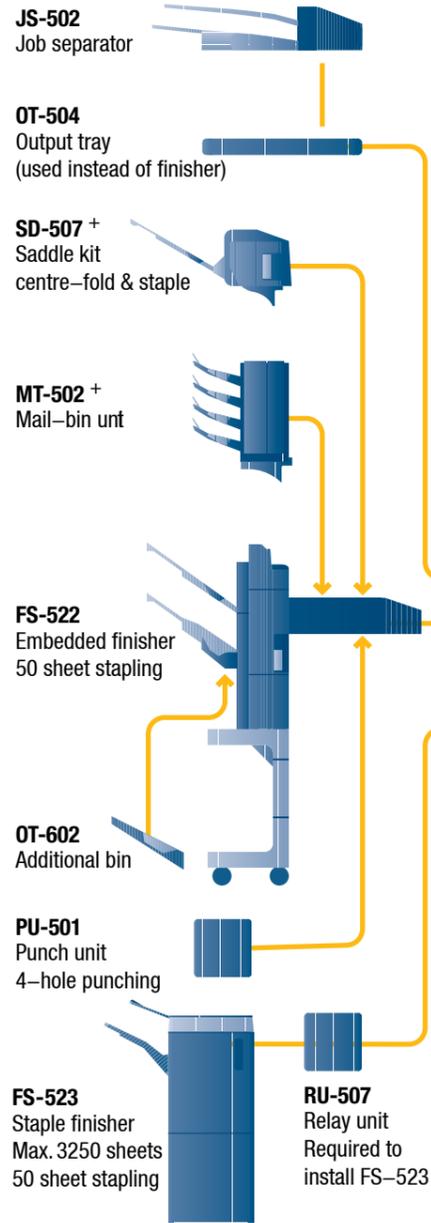
→ Configurations

bizhub 501

bizhub 501

The workflow device for black & white

→ **Highlights:**

- **New InfoLine Design:** Attractive design offering user guidance
- **Full Colour Touchscreen Display:** The same colour touchscreen display as bizhub colour machines with identical user guidance
- **Open API Support:** Full support for bizhub embedded solutions
- **PageScope Enterprise Suite:** Support for Authentication Manager, Account Manager and MyPanel Manager
- **i-Option:** Support for WebBrowser, Image Panel and advanced PDF security
- **Latest Security Standards:** Unique standard package of security features for data, access and network. ISO 15408 EAL3 certification
- **High Performance Emperon Controller:** Offering high speed processing with 600MHz CPU in PCL5e/6 and PostScript 3
- **Simitri Polymerised Toner:** High quality and durability with highend Simitri toner
- **Speedy and Versatile Scanning:** Maximum 70 originals per minute to multiple destinations like eMail, FTP, SMB, WebDAV and DPWS (VISTA)
- **Direct USB Support:** Featuring print-from and scanning to USB media via new front interface
- **User Box Feature:** Highly versatile box functionality with optional 60GB SATA hard disk
- **Media Handling:** Up to 5,650 sheets input capacity and modular finishing system from affordable stapling to professional booklet

JS-502
Job separator

OT-504
Output tray
(used instead of finisher)

MS-2C
Staples for
SD−507

SD-507 +
Saddle kit
centre−fold & staple

MT-502 +
Mail−bin unt

MS-5D
Staples for
FS−522/FS−523

FS-522
Embedded finisher
50 sheet stapling

OT-602
Additional bin

PU-501
Punch unit
4−hole punching

FS-523
Staple finisher
Max. 3250 sheets
50 sheet stapling

RU-507
Relay unit
Required to
install FS−523

+ Either SD−507 or MT−502 can be
fitted to the FS−522 at the same time

WT-502
Working Table
For authentication
device placement

ML-503
2nd Fax board
(additional FK-502 required)

2nd

FK-502
Fax board
Super G3

1st

MK-708
Fax mount kit

PC-206
Paper cassette
2 x 500 sheets
A5−A3

PC-407
Large Paper cassette
2,500 sheets
A4

DK-506
Copier desk
Storage

IC-207
Print Controller
PCL5e/6 and PS3

HD-509
Hard Disk
(For Box, XPS scan/authentication
devices, i−Fax, IP−fax)

EM-312
Expansion memory
(1GB required for i−Option)

SC-505
Security chip
HDD data encryption

EK-703
USB host board
USB print interface

AU-101
Biometric authentication
Finger Vein Scanner

IC−Card authentication
Contactless IC−Card Reader

LU-203
Large capacity unit
2,000 sheets A4

Technical specifications

Copier specifications

Copying process
Electrophotographic laser

Toner system
Simitri™ polymerised toner

Copy/print speed A4
50 cpm

Copy/print speed A3
27 cpm

1st Copy/print time A4
3.2 sec.

Warm-up time
Approx. 60 sec.

Copy resolution
600 x 600 dpi

Gradation
256 gradations

Multi-copy
1–999, interruption mode

Original format
A5–A3

Magnification
25–400% in 0.1% steps
Auto zooming

Copy functions
Chapter, Cover and Page insertion
Book copy, Image repeat, Proof copy
Job recall, Job setting memory
Overlay, Stamping

Printer specifications (optional)

Print resolution
Equivalent to 2,400 x 600 dpi

Controller CPU
Celeron @ 600 MHz
32 BIT

Page description language
PCL 5e/6
PostScript 3

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

Print functions
Direct print of TXT, PCL, PS, TIFF, XPS *
PDF and Encrypted PDF files (optional)
Print from USB memory, Mixmedia and
Mixplex, Job programming "Easy Set"
Overlay, Watermark

Scanner specifications

Scan speed
Up to 70 opm (300 dpi via ADF)
Up to 50 opm (600 dpi via ADF)

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, Scan-to-WebDAV

File formats
PDF, TIFF, XPS *, Encrypted PDF

Scan destinations
1,000 (2,000 with optional hard disk),
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 destinations
1,000 (2,000 with optional hard disk)

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

System specifications

System memory
1 GB

System hard disc (optional)
60 GB

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

Automatic document feeder
Up to 80 originals

Paper size
A5–A3
Customised paper sizes

Paper weight
50–210 g/m²

Paper input capacity
Standard: 1,150 sheets
Max.: 5,650 sheets

Paper output capacity
Max.: 3,250 sheets

Automatic duplexing
A5–A3
60–105 g/m²

Finishing modes (optional)
Offset, Group, Sort, Staple, Punch, Centre-
fold, Booklet

Power consumption
220-240 V / 50/60Hz
Less than 1.56 KW (system)

System dimensions
(W x D x H, mm)
677 x 708 x 1,150

System weight
Approx. 97 kg

System features

Accounting
Up to 1000 user Accounts
Active Directory support
 (user name + password)
User function access definition
Biometric Authentication
 finger vein (optional)
IC-Card reader (optional)

Software
PageScope NetCare
PageScope Data Administrator
PageScope Box Operator
PageScope Workware (Trial)
Direct Print Utility
Print Status Notifier
Log Management Utility
Driver Packaging Utility

* requires harddisk HD-509

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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