KONICA MINOLTA

The essentials of imaging

bizhub 601 and bizhub 751

Efficiency in black & white

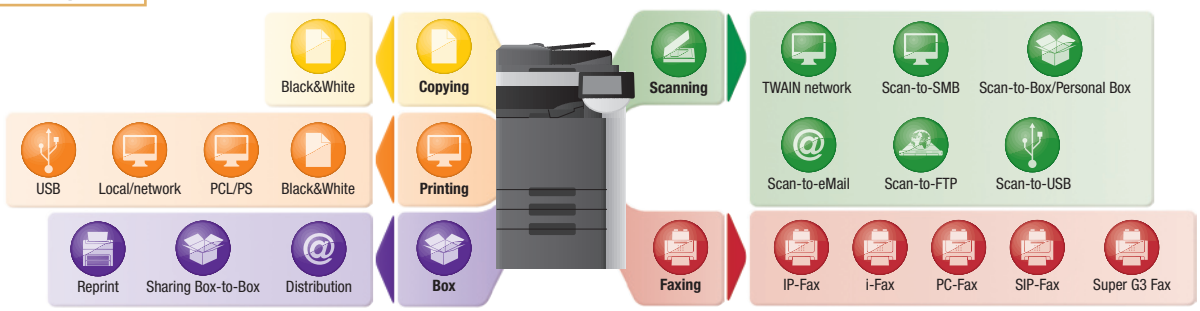
Office systems bizhub 601 and 751

Central to **productivity & high volumes**

With the bizhub 601 and bizhub 751, Konica Minolta presents two high-speed multifunctionals that perfectly fulfil the needs of CRDs and high-volume office locations: top productivity, high flexibility and absolute reliability. Both devices take advantage of Konica Minolta's state-of-the-art technology as the basis for their comprehensive and versatile reproduction capabilities.

- With printing speeds of 60 and 75 b/w pages per minute the bizhub 601 and 751 promise highly productive b/w printing and are perfectly suited for the production of extensive print and copy volumes. Their impressive media handling capabilities and versatile finishing choices make both ideal to enhance existing production facilities in corporate office environments and central in-house print rooms.
- The use of Simitri® toner on the bizhub 601/751 guarantees an excellent image quality while saving valuable energy. Konica Minolta's advanced Simitri® polymerised toner enables fixing at lower temperatures, which means less energy consumption and is kinder to the environment.
- Whatever communication is required, the bizhub 601/751 are ready to print, copy, scan and fax – and they offer highest convenience for each and every task. Their optional Emperon™ controller provides full network compatibility and ensures the systems' seamless integration into any IT infrastructure. Featuring Konica Minolta's innovative InfoLine design with operation via a generously sized touch panel, the bizhub 601/751 perfectly complement the advanced bizhub product line up.
- Users of the bizhub 601/751 gain the benefits of Konica Minolta's "skills to win" – both offer comprehensive communication capabilities in a single device, feature latest technology and advanced software applications, provide above-their-class quality and are entirely eco-friendly in their performance.

Workflow options



Central device **management**

With Konica Minolta's array of administration and management software tools administrators and users save time, gain flexibility and enjoy independence. Output devices run more smoothly, and the overall efficiency of the CRD or departmental printing facility is considerably increased.

PS Data Administrator

Streamlining account and data management, the PageScope Data Administrator offers convenience for the downloading of user data from an LDAP compliant eMail server, or copying e.g. address books and authentication data from one device to another.

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

Configurations

Security and access control

Authentication allows limiting access to the bizhub 601/751 to authorised users, with innovative finger vein authentication and non-contact IC cards. A comprehensive security functionality is also standard on bizhub 601/751, with all these capabilities assuring their certification to ISO 15408 EAL3.

CS Remote Care

Pro-active and highly flexible service support is ensured with CS Remote Care. Konica Minolta's remote monitoring application helps to keep the bizhub 601/751 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.

Customised workflows

Konica Minolta's unique **bizhub open API technology** offers a unified platform for seamless integration of 3rd party software. On this basis customised workflows for highly individual applications can be created quickly and with minimal effort.

bizhub 601

bizhub 751

Full focus **on central performance …**

As true multifunctionals bizhub 601 and bizhub 751 hold their own in any situation – whether installed for central production in a corporate office environment or as high-volume b/w devices in a CRD or in-house print room.

… in the office

These systems impress with powerful features and high versatility and are fully competent to take care of all b/w production needs arising in large offices and busy departments.

Productive printing, copying

Printing and copying with the bizhub 601/751 is straightforward and productive. Special functions offer users enhanced creativity and flexibility to produce an extensive variety of materials. Also as copiers the bizhub 601/751 provide every user comfort, including fully automatic copying – the system determines the correct paper size and tray. Special features make operation more convenient; for example mixed size originals are processed automatically and reproduced according to the user's wishes.

Advanced box functionality

Konica Minolta's unique User Box approach makes the storing and managing of information on the bizhub 601/751's internal hard disc truly efficient, facilitating for example the sharing of scanned, printed, copied and faxed documents. Up to 1,000 user boxes can be set up with flexible access rights and boxes defined as public, for group use or private.

Efficient scanning and faxing

As an integral part of today's communication in the office, scanning streamlines the distribution and sharing of information. With the bizhub 601 and 751, high-speed scanning is possible to eMail, FTP, SMB and user box, covers the scan formats multi-page PDF, XPS and TIFF and also includes TWAIN scan.

In many situations, communication by fax is still the most efficient way to get the message across. For this purpose bizhub 601/751 are equipped with generous fax capabilities, including Digital Fax and Digital Store, Internet Fax and IP Fax. Various security features make confidential fax communication reliably safe.

… in the CRD

Devices in central locations need to deliver – and the bizhub 601/751 provide perfect support to avoid bottlenecks in busy print rooms and CRDs that work to capacity.

Powerful printing

Thanks to the powerful Emperon™ controller the bizhub 601 and bizhub 751 impress with an advanced print functionality that focuses on the fully automatic production of the most diverse documents. An array of special features increases the overall printing flexibility and enhances user creativity. Individual per-page settings for example allow combining mixed media on page level in one job.

Flexible finishing choices

Versatile finishing options round off the bizhub 601/751's impressive capabilities. Features like overlay, mixplex, mixmedia, cover & inter sheet, chapter and poster mode make the automated production of reports, handbooks, leaflets and more a breeze. The optional booklet finisher enables the online production of folded and centre-stapled booklets. Finishing also includes automatic stapling, punching – perfect for manuals, reports and extensive documentation – Z-folding, and the letter-folding mode for time-saving automatic folding of invoices, mailings and other letters. The one-shot production of comprehensive documents e.g. with coloured covers is available with the post-inserter: pre-printed (colour) materials can be automatically inserted into a document as this is printed on the bizhub 601/751.

Professional media handling

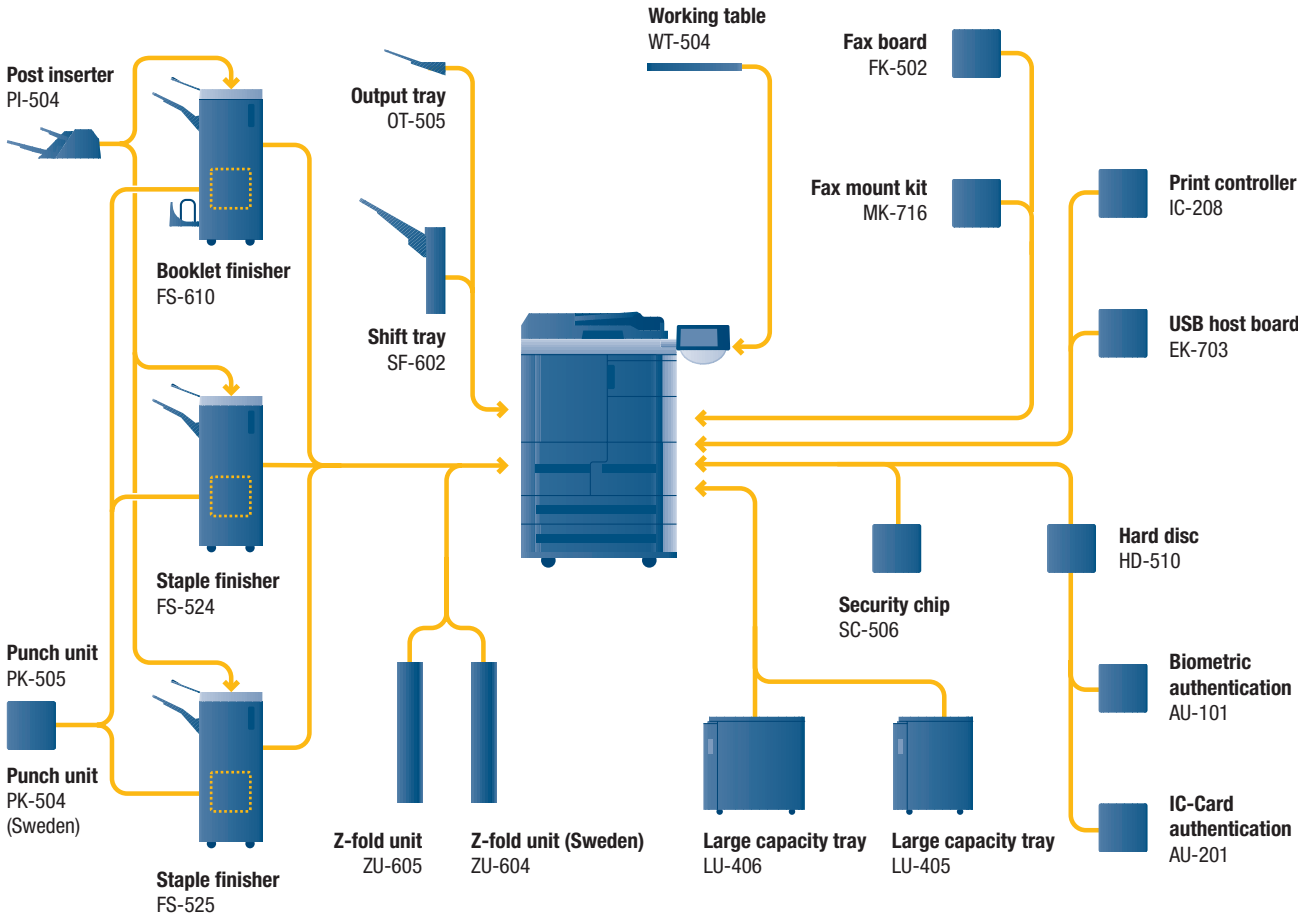
The bizhub 601 and 751 impress with their comprehensive paper handling capabilities; and with a paper supply of up to 7,600 sheets are suitably equipped for continuous high-volume printing. A maximum of 6 paper sources allows combining up to 6 different types of media in one job. Paper processing includes sizes A6 to A3+ and thick paper of up to 200 gsm. Paper and toner refill on-the-fly keep stand-stills to a minimum.

Valuable barcode printing support

An essential application for any business that needs to process complex information in a minimum of time, BENS barcode printing improves workflows by enabling companies to switch to barcode labelling. With BENS, simple and straightforward barcode printing support is available also for the bizhub 601/751.

The bizhub 601/751's unfailing performance combines productivity with absolute reliability and flexible multi-tasking capabilities that ensure the smooth and streamlined processing of each and every job in a minimum of time. Especially businesses with an extensive throughput of goods and the corresponding logistics challenge depend on barcode printing to simplify and streamline their operations.

Option diagram & descriptions



bizhub 601 Basic system **bizhub 751 Basic system**	High performance 60/75 ppm b/w output stations including 100 sheets automatic document feeder, 3,600 sheets standard paper capacity (A5–A3+, 50–200 gsm), 1 GB memory and 1,000-Base-T Ethernet connection
FS-610 Booklet finisher	20 sheets booklet, 50 sheet staple finishing
PI-504 Post Inserter	Cover insertion 2x trays
FS-524 Staple finisher	Max. 3,200 sheets, 50 sheet stapling
FS-525 Staple finisher	Max. 3,200 sheets, 100 sheet stapling
ZU-605 Z-fold unit	Z-fold for A4 and A3, punching inclusive
ZU-604 Z-fold unit (Sweden)	Z-fold for A4 and A3, punching inclusive
LU-405 Large capacity tray	A4, 4,000 sheets, 60–200 gsm
LU-406 Large capacity tray	A4–A3+, 4000 sheets, 60–200 gsm
SC-506 Security chip	HDD data encryption
AU-201 **IC-Card authentication**	Contactless IC-Card reader

AU-101 **Biometric authentication**	Finger vein scanner
HD-510 Hard disc	80 GB, Box function, XPS scan, i-Option, direct print, authentication devices, i-Fax, IP-Fax, RightFax
EM-312 Extended memory	1 GB memory extension required for i-Option
EK-703 USB host board	USB print interface
IC-208 Print controller	PCL 5e/6 and PS3 printing
MK-716 Fax mount kit	I/F kit for FK-502
FK-502 Fax board	Super G3 fax
WT-504 Working table	Authentication device placement
OT-505 Output tray	Used instead of finisher, max. 150 sheets
SF-602 Shift tray	Shifts/stacks, max. 1,250 sheets

Finishing options

2-point stapling | four-hole punching | two-hole punching | colour sheet insertion, booklet | mixmedia white/ colour sheets from different trays | mixplex one/two sided - during operation | letter fold in | booklet (folding and stapling) | z-fold

Technical specifications

Copier specifications

Copying process	Electrophotographic laser
Toner system	Simitri®- polymerised toner
Copy/print speed A4	Up to 60 cpm (bizhub 601) Up to 75 cpm (bizhub 751)
Copy/print speed A3	Up to 35 cpm (bizhub 601) Up to 43 cpm (bizhub 751)
Autoduplex speed A4	Up to 60 cpm (bizhub 601) Up to 75 cpm (bizhub 751)
1st Copy/print time (A4)	3.3 sec (bizhub 601) 2.9 sec (bizhub 751)
Warm-up time	Approx. 270 sec (bizhub 601) Approx. 300 sec (bizhub 751)
Copy resolution	1,200 x 600 dpi
Gradation	256 gradations
Multi-copy	1–9999; interruption mode
Original format	A5–A3
Magnification	25–400% in 0.1% steps; Autozooming
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-M @ 1 GHz 32 BIT
Page description language	PCL5e/6; PostScript 3
Operating systems	Windows 2000/XP/XP64; Windows VISTA 32/64; Windows VISTA DPWS support; Windows Server 2000/2003/2003 x64 Macintosh 9.x/10.x Unix/Linux/Citrix
Printer fonts	80x PCL Latin 137x PostScript 3 Emulation Latin
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 75 opm (300 dpi via ADF) Up to 75 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 disc), 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

User box specification (optional)

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 receiving; Fax polling
User box functionaliry	Reprint; Combination; Download; Sending (eMail, FTP, SMB and Fax); Copy box to box

System specifications

System memory	1 GB
System hard disc (optional)	80 GB
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0 (optional)
Network protocols	TCP/IP; 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; A5–A3; 50–200 gsm
Paper size	A6–A3+; Customised paper sizes
Paper weight	50–200 gsm
Paper input capacity	Standard: 3,600 sheets; Max.: 7,600 sheets
Tray 1	500 sheets; A5–A3; 60–200 gsm
Tray 2	500 sheets; A5–A3; 60–200 gsm
Tray 3	1,500 sheets; A4; 60–200 gsm
Tray 4	1,000 sheets; A4; 60–200 gsm
Manual Bypass	100 sheets; A6–A3+, 50–200 gsm
Large Capacity Cabinet (optional)	4,000 sheets; A4; 60–200 gsm
Large Capacity Cabinet (optional)	4,000 sheets; A4–A3+; 60–200 gsm
Automatic duplexing	A5–A3+; 60–200 gsm
Finishing modes (optional)	Offset, Group, Sort, Staple, Punch, Centre-fold, Booklet, Letter-fold, Z-fold
Output capacity (w. finisher)	Max. 3,200 sheets
Output capacity (w/o finisher)	Max. 150 sheets
Stapling capacity	Up to 100 sheets
Copy/print volume (monthly)	Rec. 40–70.000 Max. 300.000 (bizhub 601) Rec. 60–90.000 Max. 300.000 (bizhub 751)
Toner life	55k
Drum/Developer life	500k/250k
Power consumption	220-240 V / 50-60Hz; Less than 2.0 KW (system)
System dimensions (W x D x H, mm)	886 x 859 x 1140
System weight	Approx. 224 kg

System features

Security	ISO15408 EAL3 (in evaluation); IP filtering and port blocking; SSL2, SSL3 and TSL1.0 network communication; IPsec support; User authentication; Authentication log; Secure Print; Hard disc overwrite (8 standard types); Hard disc data encryption (optional); Memory data auto deletion; Confidential fax receiving; Encrypted print user data
Accounting	Up to 1,000 User Accounts Active Directory support (user name + password) User function access definition Biometric Authentication (finger vein) optional IC Card reader (optional)
Software	PageScope Net Care; PageScope Data Administrator; PageScope Box Operator; PageScope Workware (Trial); Direct Print Utility; Print Status Notifier; Log Management Utility; Driver Packaging Utility

* requires optional hard disc

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Simitri

- 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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