



KONICA MINOLTA

bizhub 652/552

Enterprise Document Solutions



bizhub





KONICA MINOLTA

Rethought, redesigned, reengineered... **Remarkable!**

When high-speed black & white multifunctionality teams up with extensive colour scanning features and professional finishing versatility, volume-intensive departments have found what they are looking for. Combining these important capabilities, the bizhub 652 and bizhub 552 offer the all-round answer to the diverse input and output requirements of the modern office.



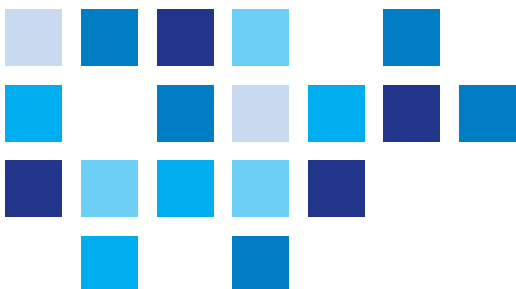
The bizhub 652 and bizhub 552 combine fast and efficient colour scanning capabilities with high B/W output speeds of 65 or 55 pages per minute and thus enhance existing output fleets with perfect high-volume B/W printing capabilities. But as true multifunctionals they naturally provide complete communication functionalities, and print, copy, scan and fax. Most importantly, the bizhub 652/552's comprehensive capabilities ensure their seamless integration into almost any electronic workflow.

Enhanced with Konica Minolta's efficient and versatile software applications, both are ideal tools for efficient document capture and distribution, helping to save time and reducing overall costs. Same as the other devices in the Konica Minolta bizhub portfolio, bizhub 652 and bizhub 552 adhere to the bizhub OP concept, feature Konica Minolta's Universal Design, operation and feature set, and can be enhanced with extended applications and solutions.

Their professional finishing versatility makes bizhub 652 and bizhub 552 ideal output devices for the creation of a wide variety of documents. Besides multiposition stapling of up to 100 sheets per set, their finishing capabilities include endless booklet production as well as various folding possibilities, 2- and 4-hole punching, and post insertion of preprinted covers and sheets.

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Communicate more **effectively**

Expanded Box Function

The Hard Disk Drive Box function allows users to save scan, copy, print or fax data to the box. It also permits boxes to be assigned to individuals, project teams, departments or themes for more reliable storage (up to 3,000 documents or 10,000 pages), seamless distribution and easier sharing of knowledge. Now, the Box also includes functionality that allows users to change print and send settings for files residing in the Box—change resolution, enlarge/reduce and more. See *diagram 1*

i-Option

Select your i-Option functions based on your individual usage needs and environment. i-Option helps you enhance your bizhubs capabilities by offering greater convenience and customisation. Utilise the bizhubs control panel as a general purpose Web browser* that enables PDF files to be previewed, downloaded and printed without a PC.

The Image Panel function* divides the control panel into three areas—input, edit and output and allows each to be customised based on your needs, thus improving your workflow. Advanced PDF features including Digital ID, PDF Digital Signature Support and metadata entry are available with i-Option to enhance security, workflow and information**.

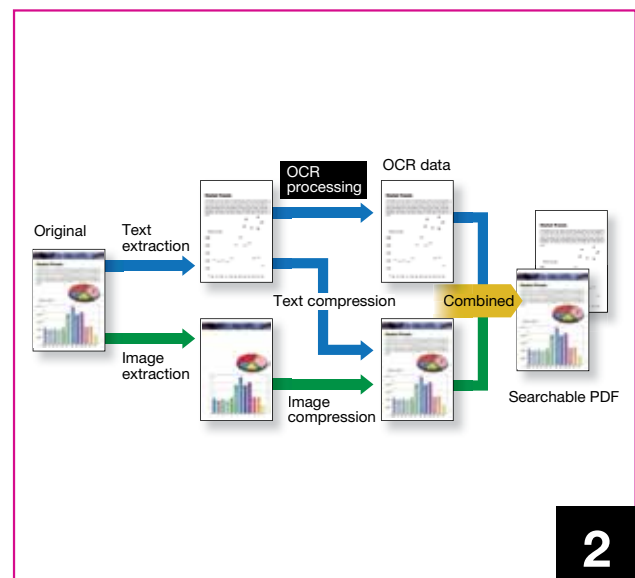
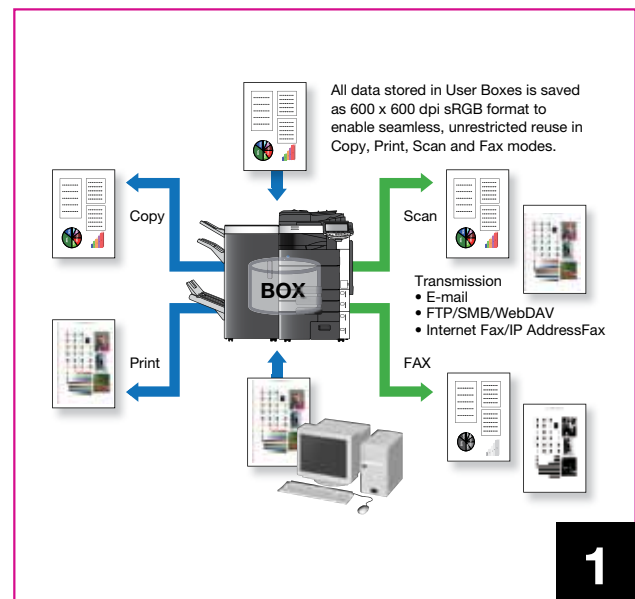
* Requires optional i-Option LK-101v2 and Upgrade kit UK-203

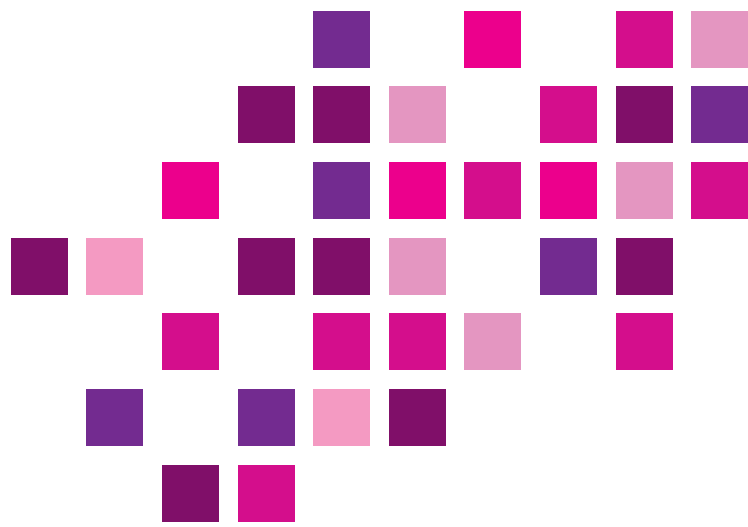
** Requires optional i-Option LK-102 and Upgrade kit UK-203

New Searchable PDF

Normally, the text of a scanned document cannot be searched. Our Searchable PDF feature* uses OCR (Optical Character Recognition) to turn any scanned document into a searchable one. This is perfect for quickly finding text in large documents, or to cut and paste text from a Searchable PDF to create new documents. See *diagram 2*

* Requires optional i-Option LK-105 and Upgrade kit UK-203





Upgraded AJAX-Supported Web Browser

Our new i-Option, Web browser function can now utilise Web pages built using AJAX (Asynchronous JavaScript and XML). Many websites today, like Google Maps, use AJAX programming to asynchronously retrieve data without altering the display of the page being viewed.



Other New or Improved Features

- NEW Mobile Phone Services – Print Files/Reference Prints from Mobile Phones¹
- NEW Automatic Access Key Display for USB Flash Memory Devices
- IMPROVED Fax/Scan Operability
- NEW Acquiring Address Information from the MFD when Using PC-Fax Transmission
- NEW Publication Service

¹ Requires the optional Local Interface Kit EK-605

Existing Features

- Super G3 FAX²
- One-Scan ACS/Mixed Original Scanning
- Scan to E-mail
- Scan to FTP
- Scan to Box (HDD)
- Scan to SMB
- Network TWAIN
- Scan to WebDAV
- Scan to USB
- WSScan
- Multi-Method Send
- XPS Support and DPWS
- Compact PDF
- PageScope Box Operator
- PC-Fax Function²
- IP Address Fax²
- TSI Routing²
- Fax Security Functions²
- Address Registration/Programmed Transmission
- Fax Sub Line³
- Transmission Result Report
- IPv6

² Optional Fax Kit FK-502 and Mount Kit MK-720 are required.

³ Requires an installed Fax Kit FK502 for Fax Main.

Manage more securely & **cost-effectively**

New Scan to Me and Scan to Home

Scanning to yourself is now easier than ever with Scan to Me. If user authentication is set, selecting the “Me” onetouch key in the address book allows scan data to be sent to the user’s own e-mail address. Use the Scan to Home feature to send the data to a registered PC. These simple but useful security features allow administrators to limit or disable any scan and send traffic outside of these ranges, effectively restricting where scans can be sent.

Improved Non-Contact IC Card Authentication

Perfect for individual user authentication, IC cards allow your organisation to restrict copy, print, scan and fax functions. A new function has been added that allows LEGIC*, MIFARE* and FeliCa* (SSFC Format/FCF Format) cards to be used to access data in high-security areas, making it possible to perform high-level, multi-functional authentication management, such as synced operation with room entry and exit management. *See image 1*

* Optional Authentication Unit AU-201 required.



Improved Biometric Finger-Vein Authentication*

The bizhubs finger-vein authentication uses images of finger vein patterns captured by scanning the finger. This biometric measurement uses an internal characteristic as identification, and is nearly impossible to falsify. The unit is remarkably easy to install as an option and now offers improved authentication accuracy and a more ergonomic and efficient shape that blends in with the design of the MFD. *See image 2*

* Optional Authentication Unit AU-102 required.

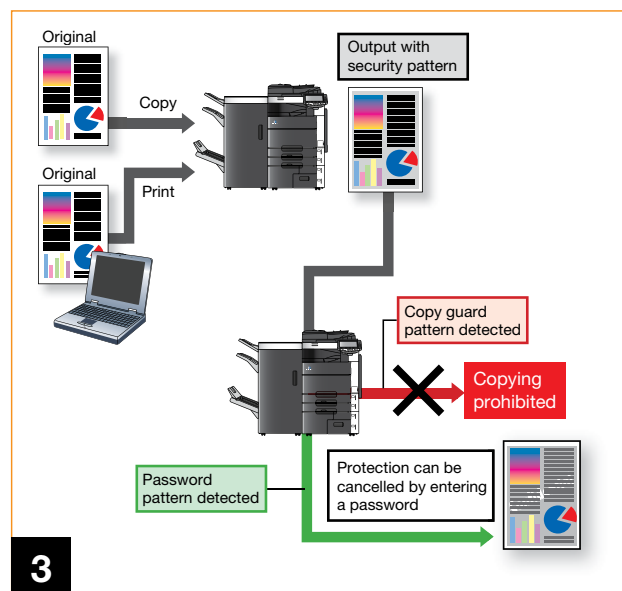
ID & Print

Working in conjunction with finger-vein and IC card authentication, our easy-to-use ID & Print feature provides you with a secure printing environment. After sending a document from your PC to the bizhub, simply touch the bizhub with your finger or IC card to automatically begin printing – there’s no need to enter a password. If you choose, you can also use the ID & Print feature without the biometric unit or IC cards by entering your password directly on the control panel.

Copy Security (Copy Guard and Password Copy)*

By copying or printing documents with a special security pattern, bizhub’s Copy Guard prevents unauthorised copies from being made on the bizhub 652/552. The Password Copy feature allows this protection to be cancelled by entering a password before attempting to re-copy the document. *See diagram 3*

* Optional Security Kit SC-507 is required. Works only on bizhubs with these features installed.





New IEEE 802.1X Compatibility

The new bizhub now comes with a client module supporting the IEEE 802.1X authentication standard. This enables you to connect to secure networks, effectively shutting off all communication from unauthorised clients, and only allowing authorised users to connect.

New Log Management

Our new log management features help you better manage usage and costs for your office's new bizhub. The log has been expanded to allow logs to be compiled for meter readings and accounts, as well as the existing capability for audits. This means that the bizhub doesn't just record which users have performed which jobs. It also records paper size, number of copies made and other useful cost and resource management information.

PageScope Enterprise Suite

The Web-based PageScope Enterprise Suite provides you with solutions to empower your MFD as well as your business by offering centralised management of accounting, authentication and device information. The suite includes Account Manager, Authentication Manager, My Panel Manager and Net Care Device Manager, and systematically links applications, integrating and sharing them seamlessly on one server. This results in much easier operation and better-integrated management.



Other New or Improved Features

- NEW Standard HDD Data Encryption
- NEW NDS Authentication over TCP/IP

Existing Features

- Secure Print
- User Authentication
- Encrypted PDF
- Copy Protection
- Annotation Function
- IP Filtering
- SSL/TLS Encryption
- S/MIME
- HDD Auto Deletion
- HDD Lock
- Department Management
- PageScope Data Administrator
- PageScope Work



Increase productivity and **performance**



High Image Quality

Featuring a new MFD Controller - the heart of the MFD, and a new image ASIC (Application Specific Integrated Circuit). The overall image quality is markedly improved.

Higher Productivity

Our new bizhub 652/552 enhances productivity with high-speed printing, copying and scanning, as well as significantly reduced product downtime. To start with, the machine's warm-up time has been greatly reduced and boasts some of the fastest first copy times on the market.

Furthermore, these machines can promptly handle multiple jobs simultaneously such as fax and scan, scan and print, and print and save to Box. The 652/552 also have a sheet-through high-speed duplex Automatic Document Feeder (ADF) allowing colour documents to be scanned at the same high speed as black & whites, and large volumes of documents to be converted into electronic data. The ADF can also handle postcard-size paper, and scan thick and thin paper (35 to 210 gsm) at the same speed as plain paper.

Print Productivity

652: 65 ppm B/W

552: 55 ppm B/W

First Copy Time*

652: 3.8 sec. or less B/W

552: 4.3 sec. or less B/W

* A4 crosswise/fullsize/using the first tray/scanning from the original glass surface.

Warm-up time*

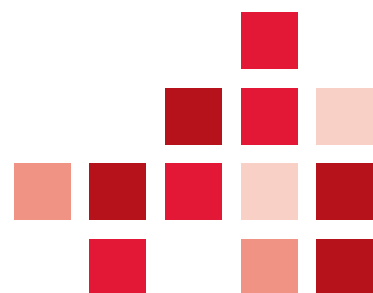
652/552: 30 sec or less

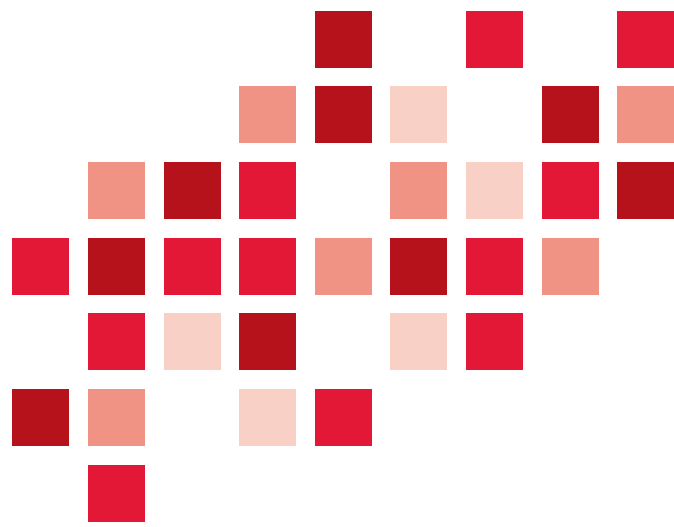
* The time required to start printing when both the main power and subpower switches are turned from OFF to ON. (23°C, std. voltage)
Warm-up time may vary depending on the operating environment and usage.

Scan Productivity*

652/552: 78 opm Colour, B/W (simplex scanning)

* 300 dpi/A4 crosswise (max)





Upgraded Emperon Print System

Konica Minolta's proprietary Emperon printer controller boasts a host of new features, functions and compatibilities designed to increase print performance, making it our best Emperon ever.



PPML-Variable Data Printing (VDP)*

These new bizhubs now supports PPML (Personalised Print Markup Language), a technology designed for high-speed variable printing output.

* Used in conjunction with PS Print.

Support for PDF 1.7

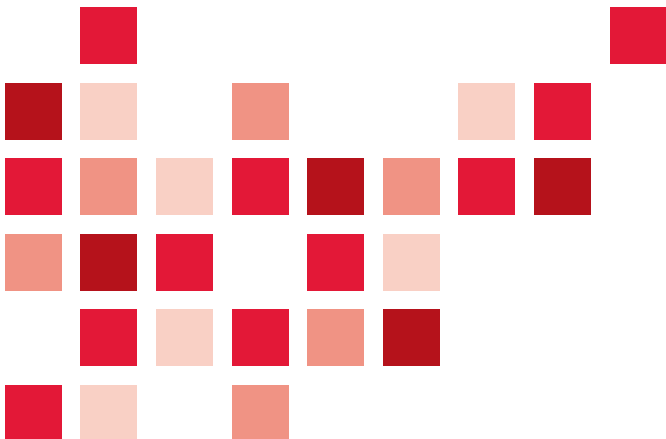
This enhanced PDF version offers more interactive printing, security and CMM (Colour Management Module) features.

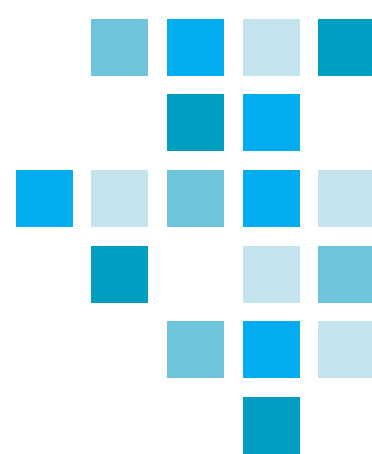
Other New or Improved Features

- NEW Non-Image Area Erase
- NEW Watermark Copy Function
- IMPROVED Overlay Function
- NEW Card Shot

Existing Features

- 100% Duplex Productivity
- ADF Dust Reduction
- ICC Profile Supported (PS Driver only)
- Booklet Printing
- Print Status Notification
- Confirming Copy/Print Jobs





Increase productivity and **performance**



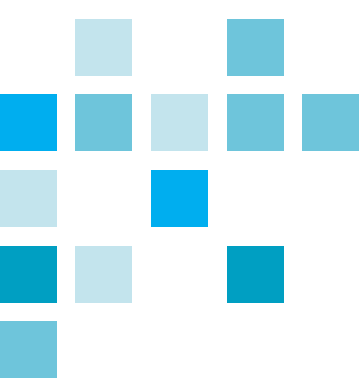
Professional and Versatile Finishing

Create professional presentations, attractive manuals, proposals, banners and even direct mail without ordering through a printer. Get print-on-demand versatility by combining the 652/552 with the optional FS-526 finisher, or the 652/552 with the optional FS-527 finisher. These high performance finishers feature automatic stapling, hole punching, saddle stitching, Z-folding and many other finishing tasks, allowing you to take on both large and small-volume jobs in-house.

Finishing Tasks and Necessary Options



		552	652
Stapling Function	Corner staple 2-point staple (Side)	Finisher FS-526 Up to 100 sheets	Finisher FS-527 Up to 50 sheets
Booklet Function & Folding Function	Centre staple and folding Fold Tri-Fold (SD-508 only)	Finisher FS-526 + Saddle Sticher SD-508 Up to 20 sheets	Finisher FS-527 + Saddle Sticher SD-509 Up to 15 sheets
Z-Folding Function & Hole Punching Function	Z-Fold Hole Punching Z-Fold + Hole Punching	Finisher FS-526 + Z Folding Unit ZU-606	
Hole Punching Function	2-hole 2-hole top 4-hole	Finisher FS-526 + Punch Kit PK-516 Punch Paper Up to 300 gsm	Finisher FS-527 + Punch Kit PK-517 ³ Punch Paper Up to 256 gsm
Cover Sheets & Inter Sheets	Cover Sheets Inter Sheets	Standard or Finisher FS-526 + Post Inserter PI-505	Standard
Long Length Paper	Print banners up to Max. 1,200 mm long.	Banner Paper Setting Guide MK-715 Not compatible with finisher FS-526	Banner Paper Setting Guide MK-715



Large-Capacity Paper Supply and Varied Paper Compatibility

The new bizhub 652/552 holds up to 3,650 sheets of paper. With the optional Side Paper Deck LU-301, the capacity increases to 6,650 sheets! The bizhub handles a wide range of paper size from A6 to A3 wide, with our new, optional, large-capacity LU-204 also boasting an impressive A3 wide capacity.

Finally, the bizhub also accommodates thick paper up to 256 gsm in all but its multiple bypass tray, where it handles paper as thick as 300 gsm.

Banner Printing*

Holds 10 sheets of long length paper up to 297 mm x 1,200 mm**

* Optional

** Not compatible with finisher FS-526



Universal Tray 1

Max. A3 wide
64–256 gsm

Unlimited Booklet Output*

* Optional

Universal Tray 2

Max. A3 wide
64–256 gsm

Tray 3

A5–A4
64–256 gsm

Tray 4

A5–A4
64–256 gsm

Automatic Document Feeder

Scans 78 originals per minute

USB Port*

Saves files between HDD and USB

* Optional

Multiple Bypass Tray

Max. A3+
Up to 300 gsm

LU-301*

Max. A4
3,000 sheets (80 gsm)

LU-204*

Max. A3+
2,500 sheets (80 gsm)

* Optional

Designed for the way you work



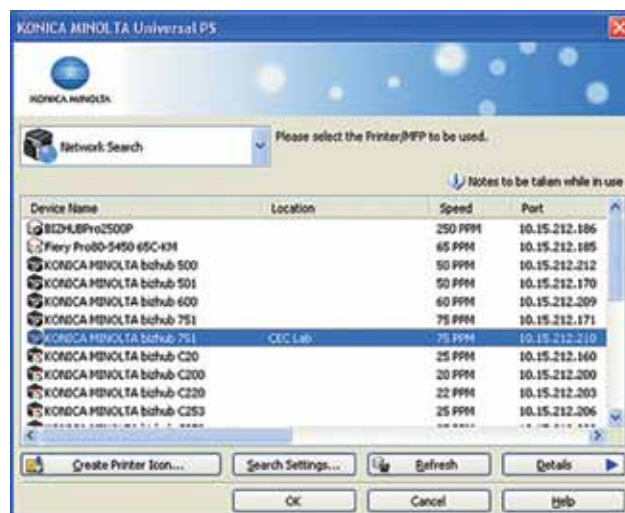
Improved Colour LCD Control Panel

The innovative control panel on the 652/552 offers an 8.5-inch 800 x 480 pixel, colour touch-screen LCD display with the ability to enlarge text. The blue LED start button and indicator lamps on the control panel are easy to read, particularly for those with colour vision difficulties. The entire panel can also be tilted left and right as well as up and down in 3 stages, making it accessible to just about anyone. The panel also features a convenient stylus pen and holder.

Universal Printer Driver*

Konica Minolta's state-of-the-art Universal Printer Driver (UPD) allows the new bizhub 652/552 to be managed with other Konica Minolta MFDs and printers from a single driver. With the UPD, you can even print while away on business at a branch office without having to install a new driver. For added convenience, the UPD also allows you to use the basic functions of third-party devices.

* The Universal Print Driver can be downloaded from the Konica Minolta website (free of charge).



New Guidance Workflow and Animation Guidance

The new bizhubs feature new help functions to enhance workflow. Simply press the "Guidance" key for immediate help information relevant to the feature you're currently engaged with. An interactive Animation Guidance is also available for certain features and troubleshooting tasks.

This provides more visual direction of operating tasks and troubleshooting help for procedures such as paper jams and toner replacements.





Expanded Colour Previews & Thumbnails

See exactly what your image will look like before printing it. Previews of stamps, dates, pages and more as merged images show you exactly how your documents will appear printed. Viewing files saved in the Box is also easier and more efficient – view them all on the control panel as thumbnails for simple file recognition.



My Tab Printer Driver Screen

Customise your own tab on the printer driver screen. Add, remove or change the location of features to suit your needs.



Quiet Operation

The new bizhub 652/552 offers quieter operation. The noise levels for operating, stand-by, ADF scanning and finishing options have all been reduced.

360-Degree Universal Design

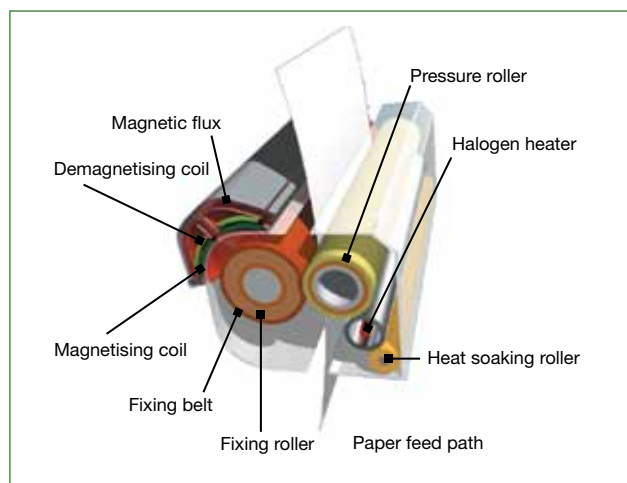
The 360-Degree design ensures your machine looks good from any angle. A covered storage area on the back allows cables to be put away for a clutter-free look from all angles. The universal design allows anyone, regardless of age, gender, body size or disability to enjoy trouble-free usage.



Technology Design

IH Fixing

Induction Heating (IH) Fixing technology only heats the roller's surface, rather than the entire roller. This reduces power consumption during the fixing process and results in shorter warm-up times. In addition, this feature automatically reduces residual fixing heat when no print jobs are taking place, further contributing to energy savings.



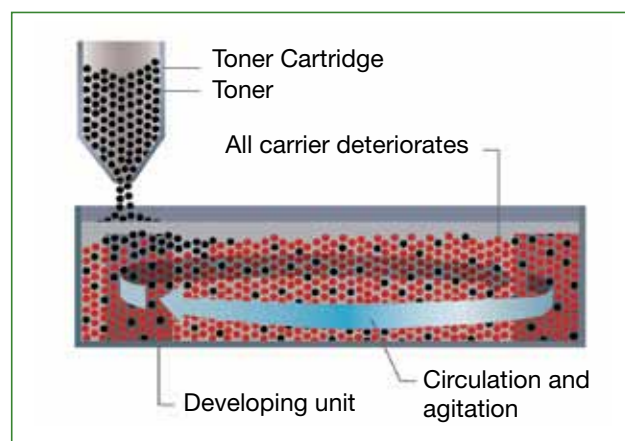
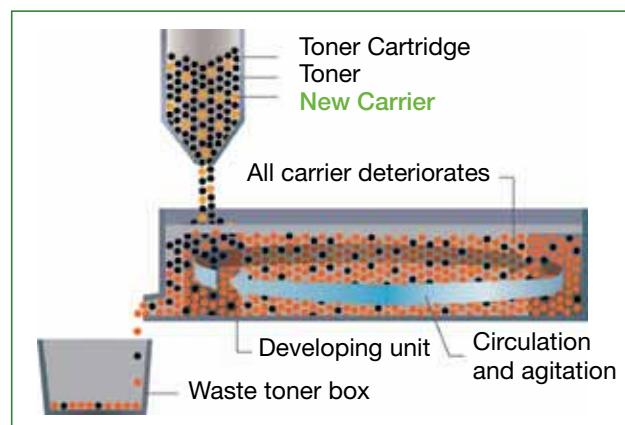
Simitri HD Toner

The small size and consistent shape of Simitri HD toner particles ensure sharp reproduction of text as well as line drawings. Its smooth outer surface provides excellent hold and promises high image quality across a diverse media mix. Furthermore, these new bizhubs use low temperature fixing to affix the Simitri HD toner. Using less heat saves energy and effectively reduces paper stress.



New Auto-Refining Developing System

With the new Auto-Refining Developing System, carrier in the black developing unit is premixed in the toner cartridge and supplied as toner is consumed. The deteriorated carrier is expelled with the toner, reducing overall deterioration in the developing unit. This process helps to maintain stable black and white image quality over the long term. This feature is particularly relevant in offices that have high-volume black and white output.



Technical Specifications

bizhub 652/552 General Specifications

Type	Console
Colour Support	Monochrome
Copy Resolution	Scan: Main: 600 dpi x Sub: 600 dpi Print: Main: 1,800 dpi equiv. x Sub: 600 dpi
Gradation	256
Memory Capacity (Std./Max.)	2 GB / 3 GB
HDD	250 GB
Original Type	Sheets, Books, Objects
Max. Original Size	A3 (11" x 17")
Output Size	A3 Wide, A3 to A5, B6 Lengthwise, A6 Lengthwise Thick Paper, Long Length Paper (210 x 457.3 mm – 297 x 1,200 mm)
Warm-Up Time (23°C, std. voltage) (May vary depending on the operating environment and usage.)	30 sec. or less (The time required to start printing when both the main power and sub-power switches are turned from OFF to ON.) 30 sec. or less (The time required to start printing when the main power switch is ON and the sub-power switch is turned from OFF to ON.)
First Copy Time*	652: 4.3 sec. or less, 552: 3.8 sec. or less
Copy Speed (A4 Crosswise)	652: 65 ppm, 552: 55 ppm
Copy Magnification	Fixed Same Magnification: 1:1±0.5% or less Scaling Up: 1:1.154 / 1.224 / 1.414 / 2.000 Scaling Down: 1:0.866 / 0.816 / 0.707 / 0.500 Preset: 3 types Zoom: 25-400% (in 0.1% increments) Lengthwise Crosswise Individual Settings: 25-400% (in 0.1% increments)
Paper Capacity (80 gsm paper)	500 sheets (Tray 1), 500 sheets (Tray 2), 1,500 sheets (Tray 3), 1,000 sheets (Tray 4), 150 sheets (Multiple Bypass Tray)
Paper Weight	Tray 1 – 4: 64-256 gsm Multiple Bypass Tray: 64-300 gsm
Multiple Copy	9,999 sheets
Auto Duplex	Type: Non-Stack, Paper Size: Width/100-311 mm (4" – 12-1/4"), Length/148-457 mm (5-3/4" – 18") Paper Weight: 64-256 gsm
Power Requirements	AC220-240V 10A (50 to 60Hz)
Max. Power Consumption	652: 2.1kW or less, 552: 2.0kW
Dimensions [W] [D] [H]	650 mm x 879 mm x 1,155 mm (25-1/2" x 34-3/4" x 45-1/2")
Weight	652/552: Approx. 221 kg
Space Requirements [W] [D]	988 mm x 1,525 mm (39" x 60") (Multiple Bypass Tray opened)

* A4 crosswise/full size/using the first tray/scanning from the original glass surface.

Printer Specifications (Standard)

Type	Embedded
CPU	MC7448 1 GHz
Memory	Shared with the copier
Print Speed	Same as Copy Speed (when using the same original)
HDD	250 GB (Shared with the copier)
Print Resolution	1,800 dpi equiv. x 600 dpi
PDL	PCL6, PCL5, PostScript 3, XPS
Protocol	TCP/IP, IPX/SPX (NDS support), SMB (Net BEUI), LPD, IPP1.1, SNMP, HTTP
Support OS	Windows NT4.0 SP6/2000, SP3/XP/XP64bit/Vista/Vista64bit/, Server2003/Server2003 64bit/Server2008/Server2008 64bit/, Mac OS 9.2(PDP)/X 10.2,3,4,5/10.4,5 Intel, Linux
Fonts	PCL: 80 European fonts PS: 137 European Type1 fonts
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), Hi-Speed USB

Scanning Function Specifications (Standard)

Type	Full-Colour Scanner
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Driver	TWAIN Driver (2000/XP/XP 64bit)
Protocol	TCP/IP (FTP, SMB, SMTP) (IPv4/IPv6)
Scanning Speed (A4 Crosswise)	B&W/ Colour: Simplex: 78/78 opm (300 dpi), 65/55 opm (600 dpi) Duplex: 156/156 opm
Scanning Size	Max. A3 (11" x 17")
Output Format	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS
Scanning Resolution	200 dpi / 300 dpi / 400 dpi / 600 dpi
Main Functions	Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to SMB, Network TWAIN, Scan to WebDAV, Scan to Me, Scan to Home, Scan to USB, WS-Scan
Other Functions	Multi-Method Send, Authentication at the time of E-Mail send

Internet Fax Function Specifications (Standard)

Protocol	SMTP/POP3, TCP/IP
Connection Mode	Full-Mode
Sending Paper Size	Max. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3
Resolution	400 x 400 dpi, 600 x 600 dpi, Colour/Grey Scale : 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Colour	Support Colour Internet Fax
Format	Send: TIFF-S, Receive: TIFF-F Colour/Grey Scale: TIFF (RFC3949 Profile-C)

Fax Kit FK-502 Specifications (Optional)**

Communication	Super G3
Compatible Lines	Public Switch Telephone Network, Fax Communication Line
Line Density	G3: 8 x 3.85, 8 x 7.7, 16 x 5.4 line/mm, 600 x 600 dpi
Modem Speed	2.4 kbps – 33.6 kbps
Compression	MH/MR/MMR/JBIG
Sending Paper Size	Max. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3 (Long Length Max.1,000 mm - following the page division)
Transmission Speed	Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG)
Scanning Speed (A4 Crosswise)	Detailed mode: 1.0 sec.
Memory	Shared with the copier
Number of Abbr. Dials	2,000
Number of Program Dials	400
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 600

** Optional Mount Kit MK-720 is required.



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Konica Minolta copiers and multi-functional peripherals are designed with the environment in mind.



- Have Earned ENERGY STAR for Energy Efficiency
- The Use of Recycled Materials
- Production at ISO-Certified Factories

This product has earned the ENERGY STAR for energy efficiency. ENERGY STAR is a U.S. registered mark.

Blue Angel Mark (BAM) (In evaluation)



The world's first environmental-protection label, introduced in Germany in 1978, certifies that products and services have low environmental impact.

ISO15408 (EAL Level 3) Certification (In evaluation)



These products comply with the security requirements of ISO15408 (EAL Level 3).

* The ISO 15408 certification applies only to IT security capabilities. This certification is NOT a product guarantee.



Requirements for safe use

- Please read and follow the instruction manual to ensure safe operation.
- Only operate using appropriate power supply and voltage.
- Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).