KONICA MINOLTA

bizhub 350 / 250

Digital Copier/Printer/Scanner/Fax*   * optional

Product Guide

For Sales Personnel

The essentials of imaging

CONTENTS

1. Introduction

Konica Minolta introduces the new bizhub 350 / 250, with respective copying and printing speeds of 35 and 25 pages per minute (A4). As empowered MFPs, both of these compact new models bring together digital copying, network printing, scanning, and faxing (option) functions into an all-in-one package that eliminates redundancy in small to mid-size offices. Furthermore, by consolidating digital input and output functions, the bizhub 350 / 250 offer features and functions that are unheard of in even the most advanced dedicated devices.

Industry trends toward the streamlining of business equipment has created a strong need for MFPs like the bizhub 350 / 250. But beyond being able to consolidate document and data handling needs, these machines do so with an eye on the bottom line, offering excellent cost performance and allowing the kind of high-level information management that today's offices require. Paperless communication, regardless of transmission medium, offers businesses an immediate solution to cut down on unnecessary waste, while improving the throughput of information.

As with all Konica Minolta business machines, the bizhub 350 / 250 have been developed under the concept of universal design, providing unlimited access to any level of user in a secure environment. Both of these MFPs are excellent examples of the industry-leading technology that is an integral part of the bizhub brand, which recently was recognized as the 2005 Product Line of the Year by BLI Laboratories.

Functions marked "In Development" will not be initially available on the bizhub 350 / 250. They are currently being considered and are expected to become available at a later date. Please ask your sales representative for more details.

`In Development`

2. Market Trends and Positioning

1 Market Trends

With the extensive expansion of broadband capabilities in most world markets, high-speed networking infrastructure has become the standard goal for business. Offices seeking business machines are therefore as concerned with output speed as with value-added networking capabilities.

The entire market is on the verge of a major push toward office color capabilities, as early as 2006. Preempting this phase, Konica Minolta segment 2 (21 - 30 ppm) and 3 (31-40 ppm) monocolour MFPs offer a solid introduction to the bizhub brand value.

Now that digital has completely dominated the market, customer concerns have matured toward a demand for higher efficiency. Value-added scan-to and throughput functions, as well as employee-empowering document output and finishing capabilities are essential.

Currently, worldwide sales of segment 3 MFPs are predicted to continue their steady growth in most markets, adding urgency to new product placements while the market is still strong. Sales of segment 2 MFPs, on the other hand, are predicted to peak around 2005 and begin to lose ground to Segment 3 and office colour solutions.

2 Positioning

A) Target Users for bizhub 350 / 250
- Companies relying on dedicated analogue machines to support a larger center machine / Companies relying on separate machines for output and copying
- Users seeking MFP functionality and better cost performance
  – Small to mid-size offices seeking a centre machine for consolidated network printing, copying, scanning and faxing functions / Mid-size offices seeking dedicated workgroup MFPs
  – Small to mid-size offices seeking electronic data conversion and sharing of documents in a secure network environment
  – Large offices seeking powerful, dedicated workgroup MFPs / Small to large offices seeking local MFPs

B) Product Benefits

The bizhub 350 / 250 offer powerful all-in-one MFP capabilities to maximise office efficiency for document production and data handling.

1. Standard print controller
2. Standard scanning function
3. Standard network scanning functions, including multi-send capabilities
   – Scan to FTP, Scan to E-mail, Scan to SMB, Scan to Internet Fax
4. Internet Fax (standard) & IP Fax (optional)
5. Super G3 fax and PC fax functions (optional)
6. Enhanced Copy Functions
7. Standard sorting / grouping functions and optional advanced finishing
8. Device management applications
   – PageScope Web Connection
   – PageScope Data Administrator
9. Document management applications
   – PageScope Workware (optional)
10. Cost management function
    – Account Track
11. Resource management function
    – LDAP
12. Universal design and environmentally friendly considerations

bizhub

Leading the way with advanced business solutions that put users in control. That's what bizhub does best.

Ubiquitous

The days of being tethered to the office to get work done are history. Users and administrators have access to the full range of bizhub capabilities at the console, at their desktop or on the other side of the world. Data assets move smoothly and securely, keeping costs low and enabling a new, truly mobile workstyle.

Empowerment

Data resources are only valuable when all employees have access to the information they need to keep business moving. The bizhub brand signals a leap forward in data and document handling, making information available where it's most useful and providing flexible management options to increase the value of pre-existing assets.

Synergy

Good business decisions become great business decisions when the pooled knowledge of every team member is taken into account. By centralising ideas, bizhub provides businesses with the tools to work together more strategically and efficiently. The result is an inspired work environment where creativity flourishes, while outdated business models are put to rest.

Put yourself at the hub of business

The bizhub concept

empowerment

synergy

ubiquitous
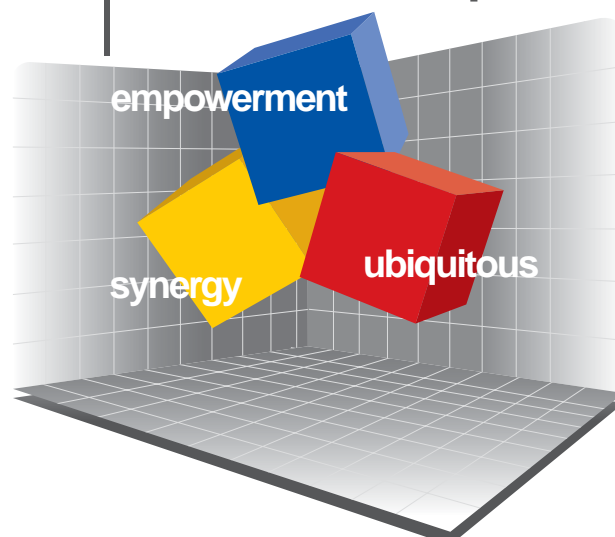
4. Features and Functions

1 *Scan & Send*

1) High-speed Network Scanning Function

Thanks to the RADF, documents are digitalised at a speed of 41 opm at 600 dpi and 70 opm at 200 dpi. High-speed scanning is complemented by the ability to share softcopy and send it to a variety of destinations. Information flows more freely and is easier to archive.

Specifications

Max. Document Size: A3
Resolution: 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi
Speed: 41 opm (600 x 600 dpi), 70 opm (200 x 200 dpi) with RADF
Interface: Ethernet (100Base-TX / 10Base-T)
Data Format: TIFF / PDF

2) Scan to Multi-send

Scan to Multi-send is a function that allows users to forward scanned data to more than one destination at the same time. Convenient and timesaving, this function sends scanned data simultaneously to any combination of the following destinations:

• FTP
• E-mail
• SMB
• Internet Fax
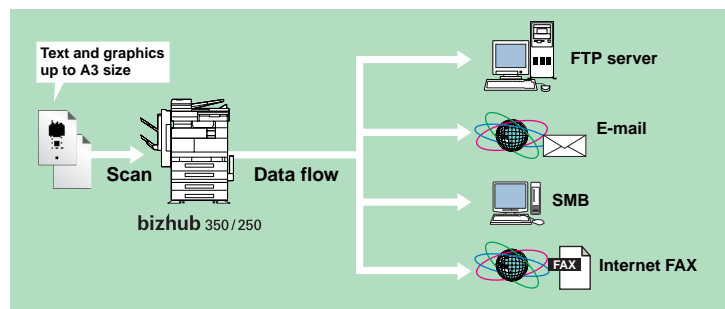
3) Box Function   In Development

The optional 40GB Hard Disk HD-504 functions as a file server to quickly make reprints from data stored in folders organised by project, department or user. Frequently used forms, as well as print and scan data, are easily shared or sent as e-mail attachments or faxes.
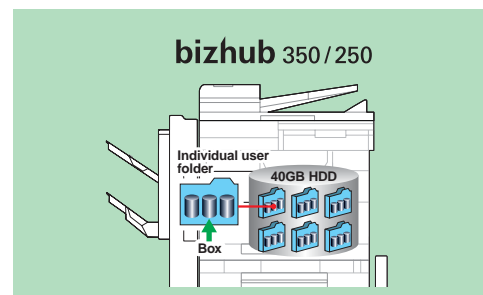

4) Scan to HDD

With the optional HDD, archiving scan data on the bizhub 350 / 250 create a valuable cache of centralised information that is easy to access and share.
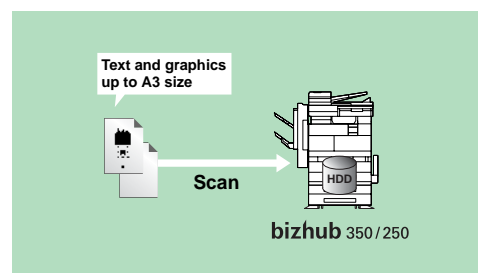
5) Scan to FTP

This function enables scanned documents to be uploaded as TIFF or PDF data to an FTP server either on an office LAN or over the Internet. Storage on the FTP server is in a specified directory. PCs on the same network can be used to access the server and download the stored documents. This is a highly effective way to share large volumes of data that would otherwise be difficult to send via e-mail.
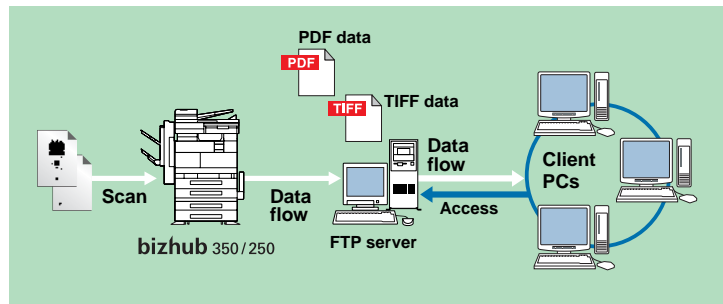

6) Scan to E-mail

Scan data can be sent to a PC as a TIFF or PDF format e-mail attachment. By pre-registering e-mail addresses, a hardcopy document can be sent via e-mail using a simple one-touch operation. This function allows the transmission of documents to destinations within the office, outside the company and to Internet-ready mobile PCs, as well as multiple addresses simultaneously. Since data is sent directly to personal e-mail addresses, timely and reliable delivery of information can be ensured. Document data received as an e-mail attachment can be stored and managed conveniently on individual PCs.

The scanned image is transmitted as an e-mail attachment.
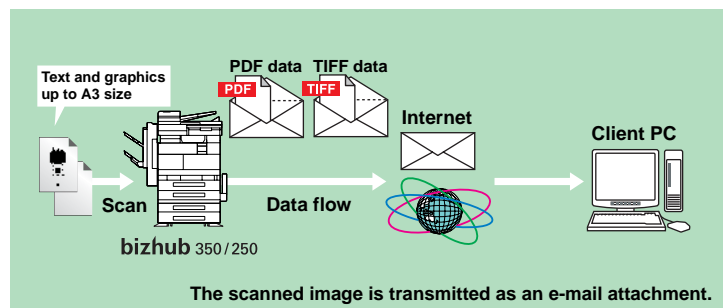
7) Scan to SMB

This function forwards scanned data directly to a specified folder on any PC connected to the office LAN. Furthermore, by pre-registering a destination in the one-touch memory, hardcopy can be converted to TIFF or PDF and forwarded directly to any PC at the push of a button. Since the SMB protocol is used, there is no need to access a server, thus minimising security risks for data.
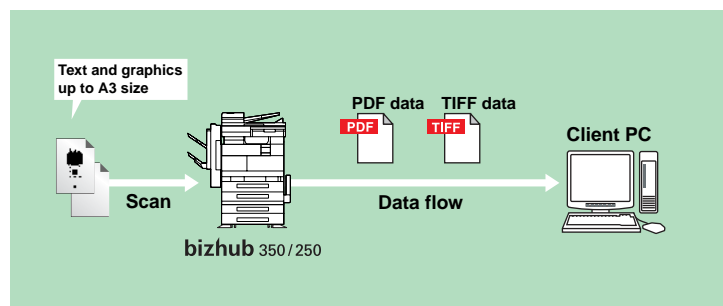

8) Scan to Internet Fax

Hardcopy is converted to TIFF or PDF data and attached to an e-mail in MIME format. Then, taking advantage of a connection to the office LAN, data is sent via TCP/IP directly to any Internet Fax on the intranet or Internet. Because they make use of TCP/IP, Internet Faxes do not incur long-distance transmission costs and reception is verifiable.
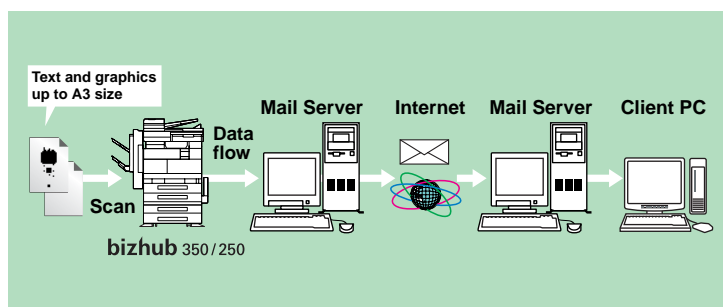
9) IP Scanner Functions

The IP Scanner function can be used to send data to a specified computer on the network. On a PC, users create a one-touch scan button that is then displayed on the bizhub 350 / 250 control panel. Sent data is saved to a folder with the same name as the scan button. Before sending, scanner settings including scanner key name, scan area and quality can be specified. Documents sent as fax transmissions or as an Internet fax can also be forwarded to the computer specified in IP Scanner by the administrator.
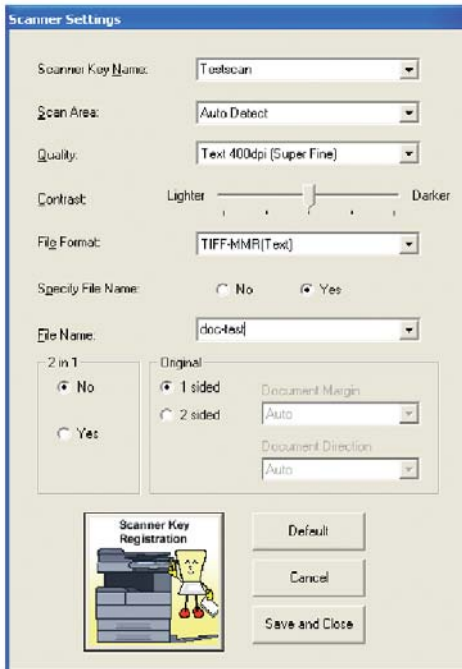
Scan settings interface
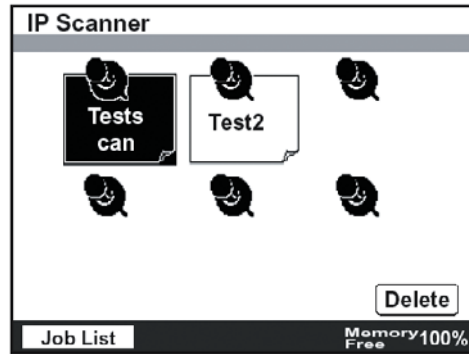
One-touch button on the control panel

2 *Network Printing*

1) Network Printing Function (standard)

The bizhub 350 / 250 come standard equipped with an internal printer controller to satisfy the diverse needs of today's digital offices. The addition of an optional finisher complements the printer controller, allowing offices to create professional looking documents over their network.

2) Standard Equipped Print Controller

Basic Specifications

Resolution & speed:
  bizhub 250
  600 x 600 dpi at 25 ppm (A4)
  bizhub 350
  600 x 600 dpi at 35 ppm (A4)
Printer Languages:
  PCL6
  PostScript 3 emulation
Processor:
  RM5231 (300MHz)
Hard Disk:
  40GB (optional)
Printer fonts:
  PCL: Western fonts 80 types
  Postscript 3 emulation: Western fonts 136 types
Supported protocols:
  TCP/IP, IPX/SPX, SMB, LPD, IPP 1.1, SNMP, SMTP/POP3, HTTP, FTP and others
Operating Systems:
  Windows 98SE/ME, Windows NT 4.0/2000/XP, Mac OS 9.2, OS X (10.2, 10.3)
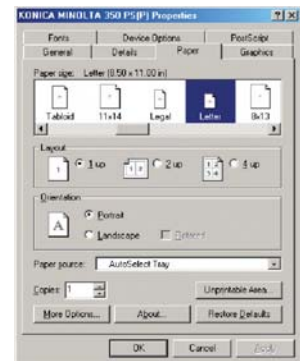
3) Easy-to-use Printer Driver

The bizhub 350 / 250 come standard equipped with PCL 6, PostScript 3 emulation and PPD to support highly accurate printing reproduction in any environment.
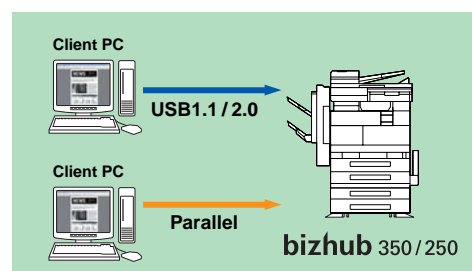
PCL 6 interface

PostScript 3 emulation interface

PPD interface

4) Standard USB 1.1 / 2.0 & Parallel Interface

The bizhub 350 / 250 offer direct connection to a PC without having to connect over an office network. Making use of the USB and parallel ports allows users to connect and access the bizhub 350 / 250 simultaneously.

5) IPP (Internet Printing Protocol)

The bizhub's compatibility with Internet Printing Protocol (IPP) allows authorized remote users to access the print functions from any computer with Internet access just by typing in the machine's IP address. This function is helpful for sending print jobs from satellite or mobile workstations for output in the office.

6) Font Download

TrueType fonts used in Windows can be replaced with printer fonts simply by selecting a printer font from the pull down menu. Using the printer fonts will shorten printing time, however, printouts may not appear as they did on screen because the font has been replaced.

7) Mixplex   In Development

The bizhub 350 / 250 will feature mixplex printing. This function enables users to print one- and two-sided pages during the same run in the same document. This is helpful when printing two-sided booklets or other materials with intermittent chapter or section breaks that only require printing on one side.
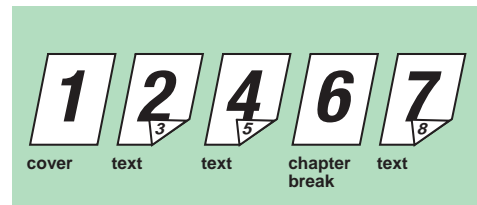
8) Secure Printing Function

This function allows users to add a security key to sensitive data when printing. Output does not begin until the user-specified password is entered at the control panel, guaranteeing that confidential documents are not left unprotected at the printer while waiting to be retrieved.
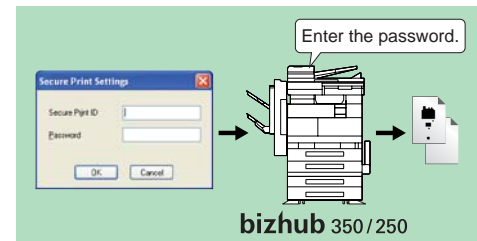
9) Account Track

The Account Track function curtails unnecessary output by letting administrators set copy, print, fax and scan limits for up to 1,000 departments or workgroups.
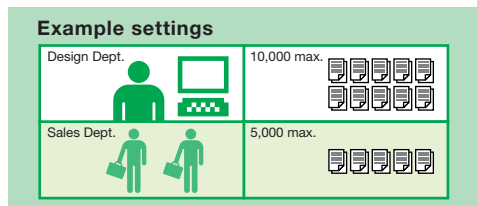
10) Other Convenient Printing Functions

Collate and Sort

It's possible to collate or sort documents in one of two ways. Both shift and crisscross offset sorting make it easy to separate document sets.

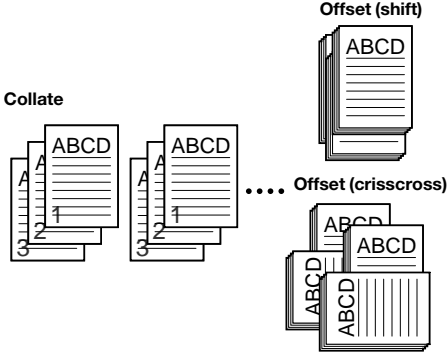### N-in-1 Printing (Combination)

This function automatically reduces the size of pages and combines them onto a single page. Together with the duplex print function, it is possible to combine up to 32 originals onto a single sheet of paper, greatly reducing paper waste. 2-in-1 and 4-in-1 is also available when copying.
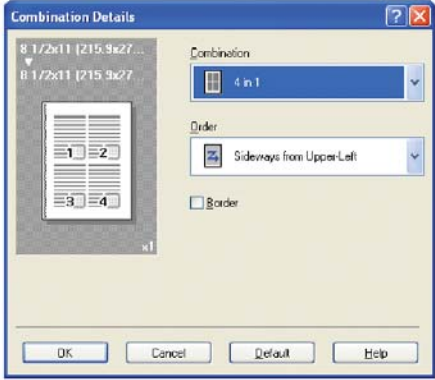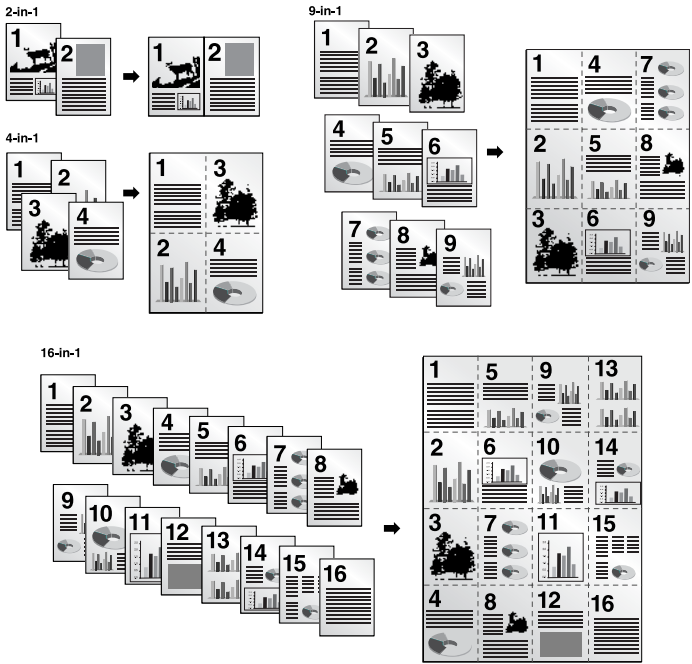
Watermark

Prints a watermark (text stamp) on the page being printed. This helps users manage important documents.

- *CONFIDENTIAL*
- *COPY*
- *DO NOT COPY*
- *DRAFT*
- *FINAL*
- *PROOF*
- *TOP SECRET*
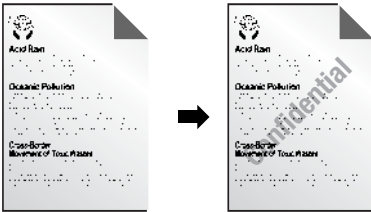
Cover Page Print

Attaches a front or back cover page. This function is only available with the PCL print driver.
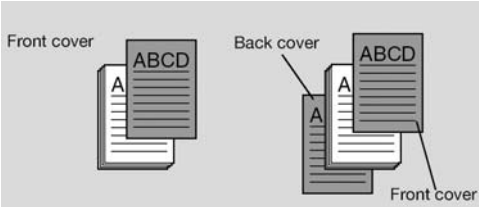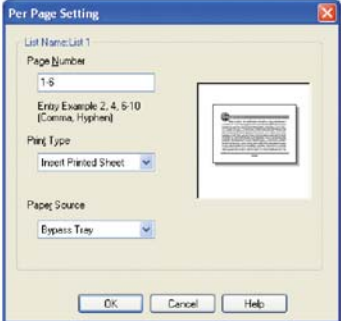
File Margin

Shifts contents to prevent stapling and hole punching through text and images.

11) Finishing Functions

The bizhub 350 / 250 offer a wide range of printing functions to prepare output for off-line finishing. Print data can be output as double-sided (duplex) documents in 2 different ways to match either side binding or top binding. When the Finisher FS-508 and the Saddle Stitcher SD-502 are attached, Booklet mode can automatically repaginate a document of up to 15 sheets (60 pages sized A4 through A3). The output can then be manually folded and centre stapled. When the Punch Unit PU-501 is attached to the Finisher-508, 2, 3 or 4-hole punching is possible.

Stapling & Booklet Printing

2-position stapling (left side or top)

Corner staple

Saddle stitch

Folding

Hole-punching

2, 3 or 4-hole punching (side)
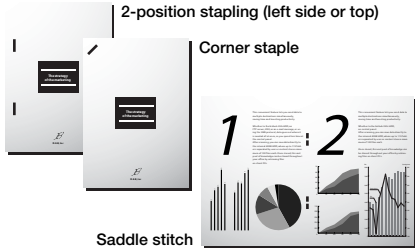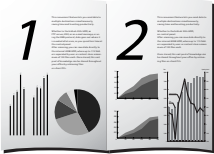
2-hole punching (top)

3 Fax Functions (optional)

1) High-speed Transmission

The bizhub 350 / 250 give users a wide variety of ways to send faxes quickly and efficiently. Whether through a phone line, the Internet or the company intranet, Super G3 Fax, Internet Fax, IP Fax and PC Fax provide fax solutions for any environment.

2) Super G3 Fax

Equipped with Super G3, the international standard for high-speed fax communication, the bizhub 350 / 250 can transmit a fax image of an A4 page with 700 characters at standard quality in under 3 seconds (data transmission time only – does not include paper feed and output times) over an ordinary phone line. By improving transmission speed, you can greatly reduce costly phone charges.

	Pre-Control Time	Transmission Time	
Conventional G3 Facsimile (14.4kbps)	13	6	4
Super G3 Facsimile (33.6kbps)	7	3	1

Post-Control Time (In approximate seconds)
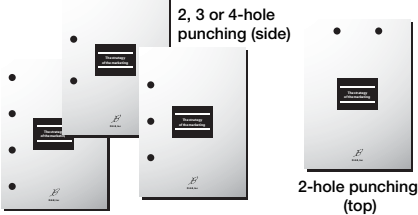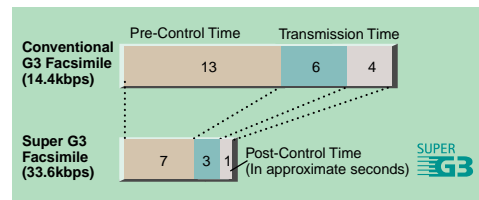
SUPER G3

3) Internet Fax Function (standard)

Internet Fax achieves a dramatic reduction in communication costs especially when long faxes are frequently exchanged with overseas or distant offices. Since there is no telephone connection charge when sending a fax over the Internet, the cost of sending faxes is covered entirely by the fixed line Internet connection fee. The recipient machine must also be compatible with Internet Fax.

Text and graphics up to A3 size

LAN / WAN

bizhub 350 / 250
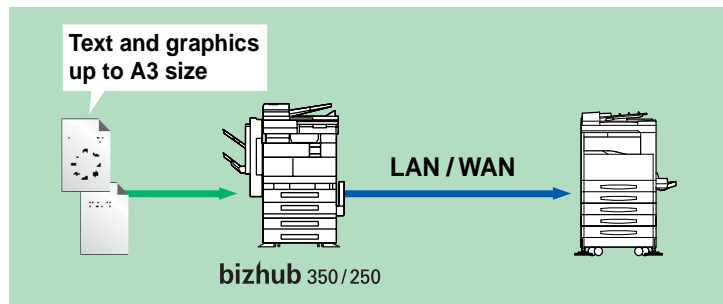
4) IP Fax and IP Address Relay

IP Fax transmits data over an office intranet, versus the telephone lines used by conventional faxes. Taking advantage of an established LAN / WAN infrastructure, IP Fax eliminates costly connection and transmission fees. Also, IP Fax does not require a dedicated server or make use of the office mail server. IP Address Relay forwards to a bizhub device for relaying to a local G3 fax machine.

Text and graphics up to A3 size

LAN / WAN

bizhub 350 / 250
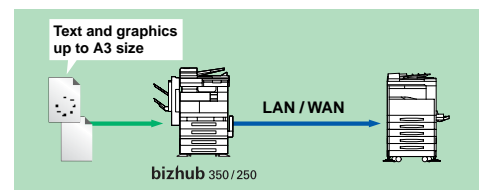
5) IP to G3 Forwarding

This new feature ensures messages sent via IP Fax reach their intended destination. If the recipient's network is down, messages are forwarded to a pre-registered G3 fax machine.

6) PC Fax

Data created on a PC can be sent directly to a fax machine just as easy as printing. Documents retain their original quality and the need to print before faxing is eliminated. Also, storing softcopy data on a PC is ideal for referencing or re-sending. With the Network Fax function verification of PC Fax transmission can be done on the PC.

LAN

PSTN

G3 FAX
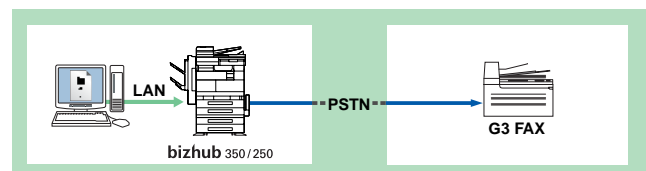
bizhub 350 / 250

7) Dual Fax Ports

With the optional Fax Multi Line ML-502, the bizhub 350 / 250 is able to receive while transmitting or simultaneously send faxes to 2 separate machines. With an optional output tray, it is even possible to sort incoming messages by phone line.

8) One-touch Send

One-touch keys make it easy to send faxes or e-mails from the console. The bizhub 350 / 250 can store up to 540 e-mail addresses and fax numbers in the same location for easy access regardless of sending method. These addresses and numbers can be grouped into separate indexes, each with an assigned name for easy recognition. Up to 36 indexes with 15 entries each are possible.

9) Easy-to-use GUI

The large LCD touch panel features an intuitive GUI to make operation easy. Instead of having rows of function keys and buttons arranged on a full screen, controls are hierarchically grouped on the control panel. The character keys are arranged in the same way as on a standard keyboard, thus simplifying the entry of text input.
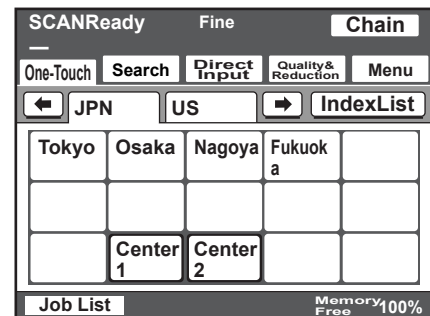
10) Convenient Fax Functions

TSI

Information such as the sender's name, transmission date, document number and page number can be printed at the edge of the fax printed by recipient.

Dest. Insert

The recipient's name can be printed on the fax that is sent.

TX Report

The transmission results can be printed

2in1

Scans of two document pages can be sent as a single page. This can be used, for example, to combine two A4-size document pages and send them as one A4-size page.

2-sided TX

Double-sided document pages can be scanned and sent.

Rotation TX

An A4-size document can be sent as an A4-size document, regardless of the orientation in which it is loaded.
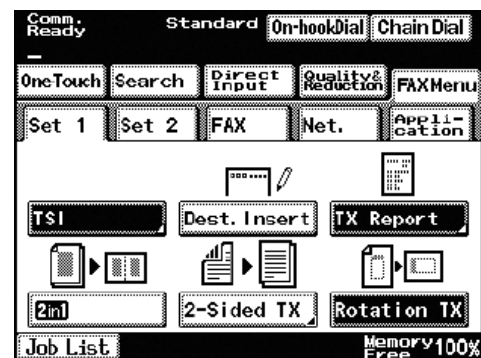
Note: The functions on the Set 1 tab return to their default settings after each transmission.

Priority TX

A document specified as urgent can be given priority and sent, even if other documents are queued for transmission.

Timer TX Setting

A document can be scanned and stored in the memory to be sent at a specified time. This function is convenient for sending documents at discounted calling time.

Stamp

A stamp can be applied to the document to indicate that it was scanned.
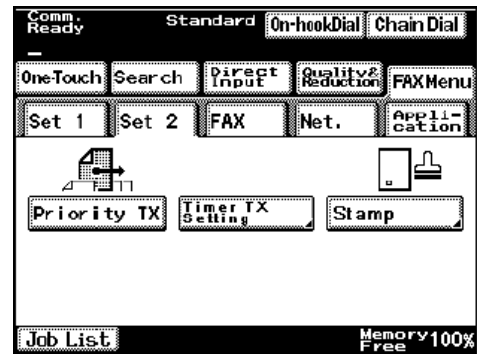
Quick Scan TX

A document can be faxed as it is scanned, one page at a time.

Password TX

Data can only be transmitted if the password set here is the same as the transmission password registered with the recipient.

Remote Copy

The specified number of copies can be printed with the recipient's fax machine.
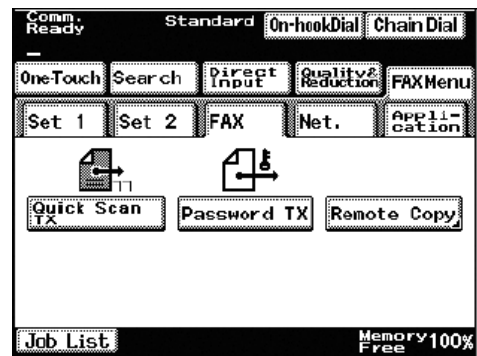
Bulletin Setting

Documents can be registered on a bulletin board set up on this machine.

Polling TX

Documents scanned and saved in the machine's memory can be retrieved by the recipient.

Polling RX

Documents available through polling transmission or on a fax information service can be received.

Retrieve

Documents registered on the on the bulletin board of a different fax machine can be retrieved.
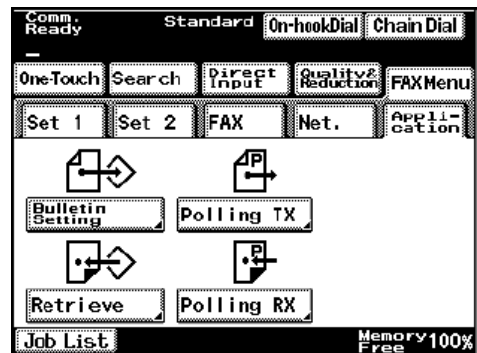
4 Management

1) Document Management with PageScope Workware (optional)

With this software installed on a PC, scanned documents can automatically be received and hardcopy documents can be converted into editable files quickly and easily. A visual document desktop instantly organises electronic files, while a broad range of drawing and editing tools makes it easy to edit images and photographs. Users can retrieve files quickly using keywords and comments and drag & drop them into printers, e-mail and other PC applications.

Easier Archiving

Automatically store scanned files to a designated folder.

bizhub 350 / 250
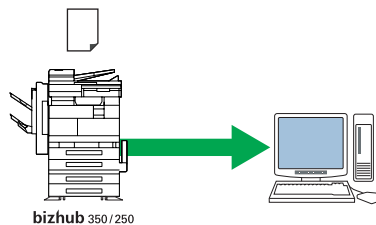
Scanned documents can be forwarded to an FTP receiving folder on a specified client PC without a dedicated server.
Note: FTP (File Transfer Protocol) is a standard protocol for transferring files between computers over a TCP/IP network.

Simpler Document Creation

Easy identification of scanned documents, electronic documents, and images using thumbnail previews.

Combining existing documents with scanned images with a simple drag & drop operation

Multiple files can be grouped by project, subject, theme, etc., so that they can be used as a single file. Plus, multiple image files can be converted into a multi-page TIFF file.
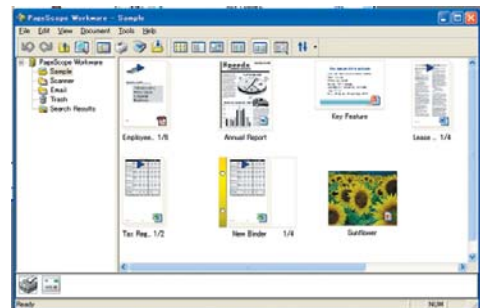
Automatic Correction of Scanned Images

Image Correction of Scanned Data for Easier Reading

No need to re-scan with PageScope Workware's image correcting functions. It's possible to instantly correct lopsided scans by straightening the image on the page.
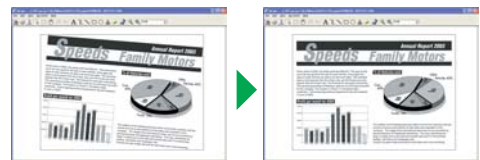
Removing Base Colours and Dust

On scans, PageScope Workware improves image quality by removing background colours and reducing dot-colour interference.
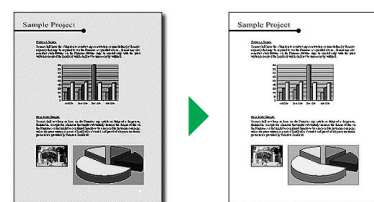
Deleting Shade from the Reverse Side of Pages

PageScope Workware removes any traces of text from the reverse side of the page.
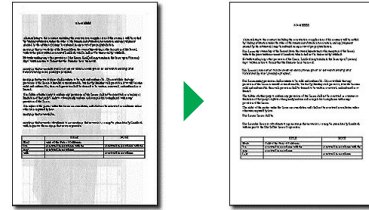
Adjusting Scanned Images (Image Enhancement Library)

PageScope Workware allows users to adjust a variety of conditions, and compare enhanced and original images side by side.

- Brightness
- Sharpness
- Exposure
- Colour cast

Indexing Documents

It's possible to add descriptive tags, markers, or keywords to stored documents.

Add Free Draw

Add Stamp

Add Post-It Note

Add Shapes
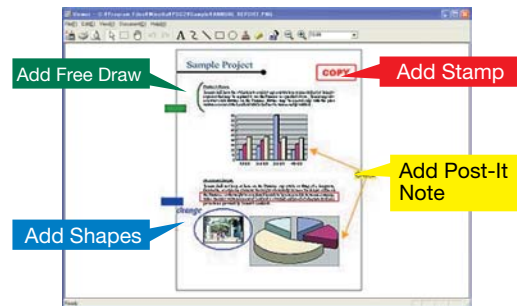
Faster File Retrieval

Documents can be retrieved quickly by inputting keywords, sticky notes, formats or text.
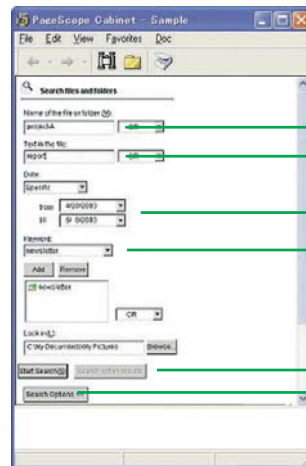
File Name Search
Enter a specific file name for the search

Text Content Search
Enter text content

Data Search
Enter "a specific data" or "from earliest to latest modification data."

Keyword Search
Enter keyword(s) for the search

Search within results
Further refine searches

Search Options
Adjust search features

Easy Printing and E-mailing with Simple Drag & Drop Operation

Simply dragging & dropping documents onto the printer or mailer icons prints or attaches processed data to an e-mail message.
By adding the most frequently used functions to the launcher area, users can greatly speed up output time.

2) Device Management

PageScope Web Connection

PageScope Web Connection is a web-based network utility that allows users to monitor the status of Konica Minolta MFPs/printers, and set up the network-related configuration, scanning function, and fax destinations. PageScope Web Connection, a built-in HTTP server, is suitable for use in a small-office network environment, as it can be easily introduced since it doesn't require a private server. Network administrators and clients can access the device information by inputting the IP address of the device.

Note: PageScope Web Connection is only compatible with Konica Minolta products.
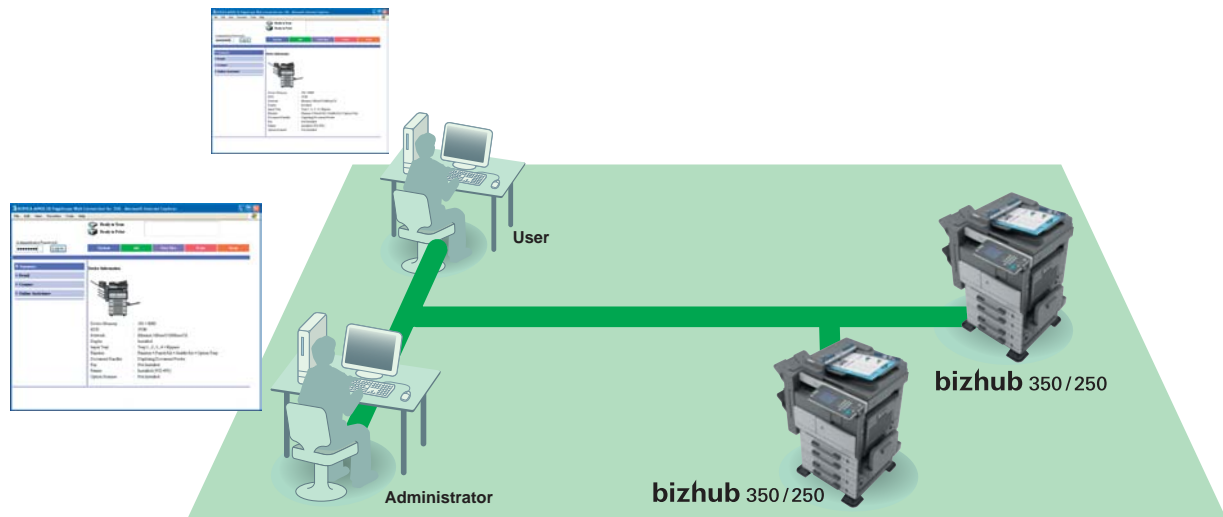
System Setting

Print Default Setting
• Printer setting
• PCL setting

Scan/Fax Destination Address Setting
• One-Touch Dial registration
• Speed-Dial registration
• Group-Dial registration
• Scan to FTP address registration

PageScope Net Care

This client server application gives network administrators centralised management of Konica Minolta devices, as well as all standard MIB-compliant MFPs and printers on an intranet. The client software uses general-purpose web browsers for operations that extend from making initial settings for new devices to full control over device operation and maintenance. It also displays the output log and department management counter for Konica Minolta models.

PageScope Network Setup

This setup utility makes it comparatively easy for network administrators to add new Konica Minolta MFPs and printers to the network, manage devices and monitor their status.

PageScope NDPS Gateway

This Gateway software lets network administrators print with and manage Konica Minolta devices on Novell's NDPS (Novell Distributed Print Service) system. It simplifies the process of making initial settings and managing devices compared with the original Novell NDPS Gateway.

PageScope EMS Plug-In

For use by administrators of large-scale networks, this Plug-in module for Konica Minolta devices allows connection with large-scale networks that are integrated and managed using EMS. The status of Konica Minolta devices operating under EMS can be displayed. Printer data can be collected using SNMP (Simple Network Management Protocol).

✻ EMS (Enterprise Management System) is a system for managing networks inside companies. It is supported by Hewlett Packard (Open View), IBM/Tivoli (NetView), and Computer Associates (UniCenter), which together hold more than 50% of the world market share for network management software.

3) Cost Management `In Development`

Account Track

Account Track allows administrators to set copy, print, fax and scan limits on departments or workgroups. When used together with user authentication, output limits can also be placed on up to 100 individual users.

4) Resource Management

LDAP Compatibility

LDAP (Lightweight Directory Access Protocol) searches and displays user names, telephone & fax numbers and e-mail addresses from a database, which can then be grouped into lists. LDAP makes inputting recipient information for faxes as well as address settings for Scan to E-mail easy.

```
LDAP Search          Dest.     Back
                     Register

Detail
Full Name    : user01
E-Mail       : user01@test.local

Last Name    : sanagawa
First Name   : tarou
Department   : design
Company      : ABC
City         :
Fax          : 00112345678

Job List                  Memory
                          Free   100%
```

5 Convenient Copy Functions

1) Fast Copy / Quick Warm-up Time

The bizhub 350 / 250 features a warm-up time of 14 seconds after turning on auxiliary power, a first copy output time of 4.8 seconds (5.3 for the bizhub 250) and copying at 35 cpm (25 cpm for the bizhub 250).

2) Multi-Job Function

When the optional Hard Disk HD-504 is installed, the Multi-Job Function allows users to scan a document while the bizhub 350 / 250 is printing or queue up to 5 spooled jobs from client PCs while scanning.

Multi-Job Function Chart
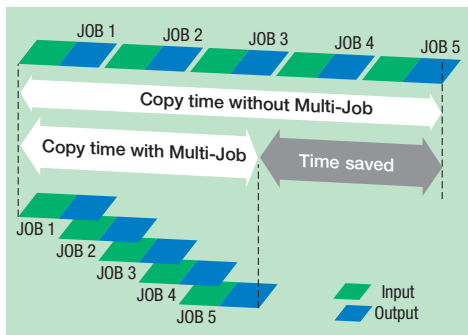
3) Simitri Toner

Konica Minolta's unique polymerised toner produces consistent, high-quality images with improved reproduction of text and fine lines. This is due to the small diameter of each particle and the improved uniformity, which offers high coverage accuracy and minimises the space between particles. Since Simitri Toner affixes using a lower temperature, there is minimal paper curl due to heat. This toner is also earth friendly, minimising environmental burden during manufacture and requiring less energy for fixing.

4) Sorting without a Finisher

Sorting: Each set of copies is fed out in an alternating crisscross pattern to separate them.

Grouping: The copies of each page are fed out in an alternating crisscross pattern to separate them.

Crisscross Sorting   **Crisscross Grouping**

5) Assorted Copy Functions

Printing a Proof Copy
Before a large copy run, pressing the Copy Proof button on the control panel prints out 1 set, letting users check copying and finishing settings. The copy run can then proceed without modification or, if needed, changes can be made to the appropriate settings.

Cover Mode Function

Users can specify the paper to be used for the cover pages and add front and back cover pages to the copies. In addition, the first and last pages of the document can be copied onto the cover pages.
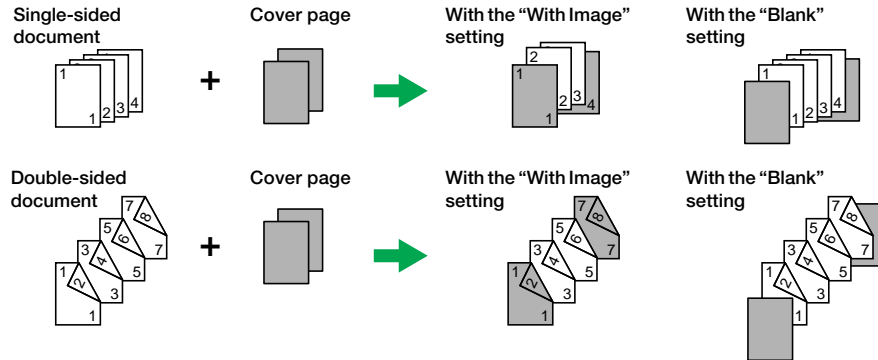
Insert Sheet Function

Paper, such as colored paper, can be inserted into the copy as an insertion sheet. Users can specify whether or not a page of the document is copied onto the insertion sheet by selecting either "With Image" or "Blank".
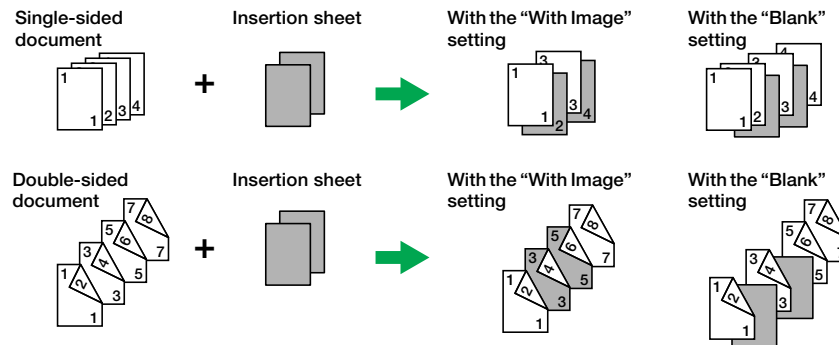
OHP Interleave Function

In order to prevent copies printed onto overhead projector transparencies from sticking together as a result of the heat that is produced during copying, paper (interleaves) can be inserted between the transparencies. Select either "With Image" or "Blank" to specify whether or not the copy is printed onto the interleaves.
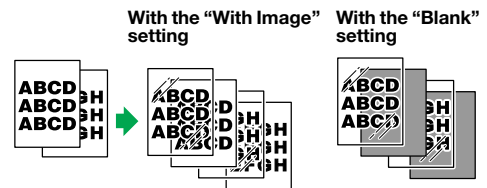
Page Margin Function

Copies can be printed with a filing margin so they can easily be stored in filing binders. When making double-sided copies while using the "Page Margin" function, the orientation of the copied image can be adjusted for the position of the filing margin. In addition, the image orientation can be adjusted without creating a filing margin.
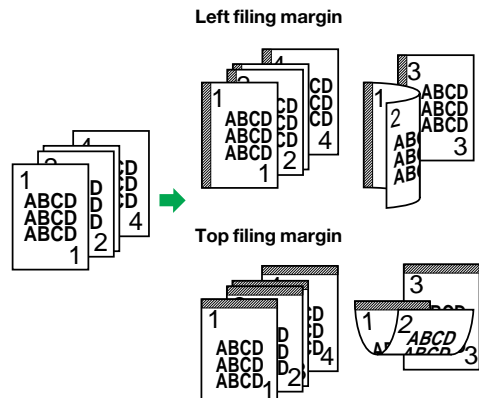
Edge / Frame Erase Function

Copies can be produced by erasing unwanted areas around the document, such as the transmission information on received faxes and the shadows of punched holes.

A : 5 mm to 20 mm
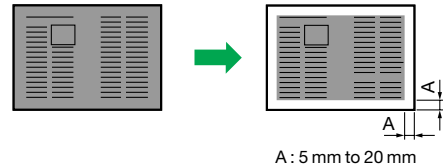
Image Repeat Function

Multiple copies of the specified scanning area can be printed on a single sheet of paper.
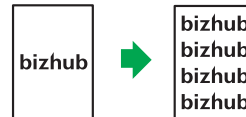
Book Copy Function

A page spread, such as in an open book or catalog, can be copied with the left and right pages on separate pages or both on the same page. In addition, settings can be specified for the "Page Order" and "Book Erase" functions. The following Book Copy settings are available.

With the "Separation" setting

With the "Book Spread" setting
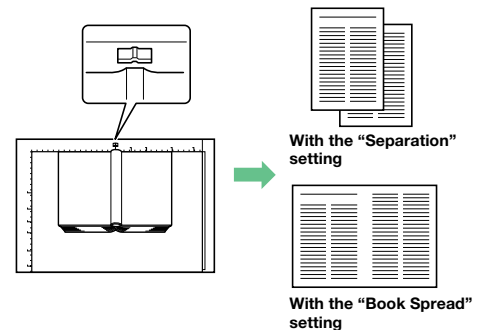
Booklet Function

Double-sided copies of the document pages are arranged so that the copies can be read like a bound book when it is folded in half. Stapling is available only if optional finisher is installed.
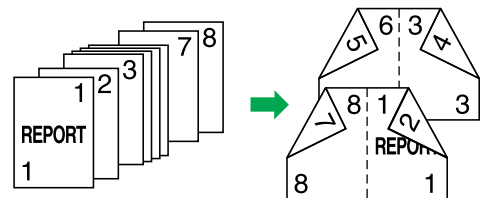
Image Settings Function

A stamp, such as "CONFIDENTIAL" can be added to the center of background copies, or a distribution number can be added when multiple copies are made. The following Image Settings functions are available.

Set Numbering: A three-digit distribution number can be printed on each copy.

Stamp: The selected preset text (CONFIDENTIAL, TOP SECRET, COPY, DRAFT, DO NOT COPY, FINAL, or PROOF) can be printed.
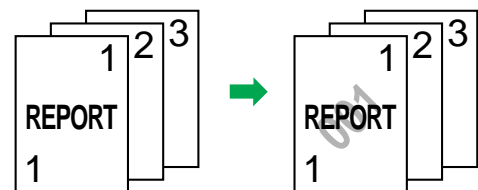
Image Overlay Function

Images previously stored on the hard disk can be printed to overlap on another document.
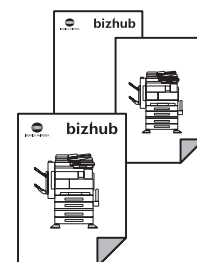
B/W Reverse Setting
A document can be copied with the light and dark coloring or the black and white coloring (gradations) of the image inversed.
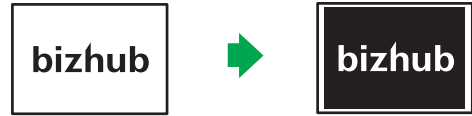
Separate Scan
The machine can be set to continue scanning the document.

6) Multiple Bypass Tray

The 150-sheet multiple bypass tray can handle diverse paper sizes and media including thick paper, transparencies, labels and envelopes.

7) Maximum Paper Feed Capacity

A choice of 3 optional paper feed cabinets, handling up to 2,500 sheets of A4 paper for a total of 3,650, satisfy a variety of output and print volume needs. Even if paper from one tray runs out during printing, automatic tray switching locates the same paper size from another tray to continue printing without interruption.

Paper Feed Cabinet
PC-402

Paper Feed Cabinet
PC-202

Paper Feed Cabinet
PC-102

6 Security

1) Secure Print

With Secure Print, users can add a password to print data they forward to the bizhub 350 / 250. Data is temporarily stored in the Document Box and printing only begins after the user inputs the password at the control panel, ensuring that sensitive documents are not seen by others.

User PC   **bizhub** 350 / 250   **Retrieve document**

Send to print

Secured Document Box

User enters Secure Print ID password   **User enters password to begin printing**
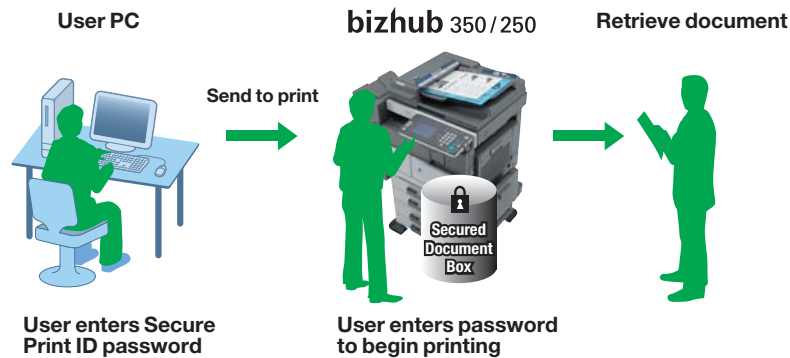
2) User Authentication

A built-in user registration and authentication function allows administrator-level management of user privileges, even without a dedicated server. Settings let administrators restrict or allow use of copy, print, scan, Box and fax functions to users. Compatibility with an external authentication server further enables access management.

3) SSL Encryption

The SSL encryption protocol protects the confidentiality of data being transferred between the bizhub 350 / 250 and the LDAP server, as well as data exchanges using PageScope Data Administrator and PageScope Web Connection.

4) HDD Password Lock   `In Development`

With this feature, data on the HDD, whether residual or archived files, is extremely difficult to analyse. The HDD Password Lock feature allows application of a password-protected lock to prevent unauthorised access to the HDD, even in the event that the drive is removed from the main unit.

5) IP Filtering   `In Development`

The bizhub 350 / 250 can be set to reject access from terminals with unregistered IP addresses. This prevents unauthorized access from equipment outside the network.

6) Encrypting Data on the Hard Drive   `In Development`

When the encryption board is mounted between the hard disk and the communications path, the data is automatically encrypted or decrypted as it is written to or read from the hard disk. When the encryption function is enabled, all of the data in the hard disk is encrypted using the Advanced Encryption Standard (fixed). Since all segments of the hard drive are encrypted, the data can no longer be read if the encryption settings are altered. For this reason, the user (system administrator) must reformat the hard disk when altering the encryption settings.
Note: Optional Security Kit (SC-503) required.

7) Acquisition of ISO 15408 (EAL3) Scheduled   `In Development`

The bizhub 350 / 250 is expected to obtain certification for the ISO 15408 (EAL3) international standard for evaluating product and system security functions.

7 Universal Design

1) Small Footprint

A compact footprint of only 677 x 710mm (987mm with multiple bypass tray open) fits comfortably into any space, delivering the advantages of a larger MFP at a more manageable size.

2) Effortless Toner Replacement

With frontal access to the toner bottle, making replacements is a simple task. Simply open the cover and insert a new bottle into the toner hopper – even while copying.

3) High-contrast Color

The RADF and output trays employ dark colors that contrast sharply with paper to improve visibility and ensure that important documents don't get left behind.

4) User-friendly Control Panel

The adjustable control panel can be set at 3 angles 7°, 26° and 43° to accommodate every user in the office. Beyond ergonomics, an intuitive layout complements the LCD's straightforward GUI.

5) Universal Access RADF

A translucent paper guide and angled ruler facilitate viewing from low angles. The upper tray is equipped with grips that make it easy to lift with either hand. The input and output trays feature rails to improve access.

6) Convenient Open/Close Grip Designed Tray

All paper trays feature a smart design with grips that can be accessed from either the top or bottom. Replenishing paper has never been more convenient.

8 Environment

1) Acquisition of Certifications for Environmental Standards

Konica Minolta copiers and MFPs are designed with the environment in mind. Because of this mindset, we have acquired a number of certificates for meeting global environmental standards.

Energy Saving Certifications
Energy Star (Japan / US Energy Standards)

The bizhub 350 / 250 are compliant with the international Energy Star Programme (multifunctional peripherals). Operating from the energy-saving viewpoint that "energy should be efficiently used and only when it is needed," this programme was established to reduce the power consumption during standby for OA equipment, which tends to be operated for many hours with the power turned on.

Eco Mark (Japan)

These products have received the Eco Mark from the Japan Environment Association in recognition of their contributions to environmental conservation with respect to the manufacturing stage, packaging and shipping, recovery system, low-ozone production, silence design, and use of recycled materials.

Energy Saving Functions
Low-power Mode

This function automatically lowers the level of standby power consumption once the preset standby period has lapsed. The default setting in the bizhub 350 / 250 is 15 minutes, and can be set anywhere from 1 to 240 minutes in 1-minute increments. The Low-power mode can by cancelled by pressing a key on the control panel, opening the document cover, or placing an original on the ADF, which will return the copier to ordinary standby mode. The time required to return to ordinary standby mode is 15 seconds.

Energy Saving Functions
Sleep Mode

To save electricity, the heater is automatically turned off and the copier is switched to power-save mode when the copier has not been operated for the preset time (default setting: 15 minutes). The setting range is 1 to 240 minutes (previous models: 15 to 24 minutes).

2) Toner Recycling Mechanism

Toner used in the bizhub 350 / 250 is completely recycled. Untransferred toner that remains on the photoconductor is removed by the cleaning blade, carried through the recycle duct, and resent to the developing unit. This process eliminates the generation of waste toner.

3) No Use of Harmful Materials

Photoconductor Drum

OPC (Organic Photo Conductor) is used instead of toxic substances such as cadmium or selenium.

Plastic Resin Parts

To eliminate or minimise the generation of dioxins and hydrogen chloride, which are harmful to both people and the environment, Konica Minolta rigorously restricts the use of any parts or materials containing substances that may emit dioxins and hydrogen chloride.

5. System Overview
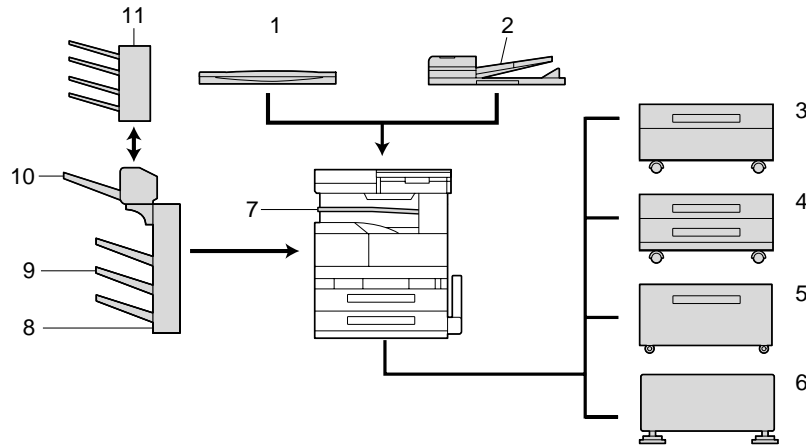
1. Original Cover OC-502
Presses down on the loaded document to keep it in place.

2. Reverse Automatic Document Feeder DF-605
Automatically feeds one document sheet at a time for scanning, and automatically turns over double-sided documents for scanning if the document was set as double-side from the touch panel.

3. Paper Feed Cabinet PC-102
The top tray can be loaded with up to 500 sheets of paper, and the bottom tray can be used as storage.

4. Paper Feed Cabinet PC-202
Both the top and bottom trays can each be loaded with up to 500 sheets of paper.

5. Paper Feed Cabinet PC-402
Can be loaded with up to 2,500 sheets of paper.

6. DESK DK-501
Allows this machine to be set up on the floor.

7. Job Separator JS-502
Allows printed pages to be separated. Pull the lever when taking out the paper.

8. Finisher FS-508
Feeds out printed pages. The "Sort" setting (separate by copy set), "Group" setting (separate by page), Staple settings (stapling), and Punch settings (hole punching) are available.

9. Output Tray OT-601
Copy output tray installed onto the finisher and used for separating printed pages.

10. Saddle Stitcher SD-502
Installed onto the finisher to allow copies to be stapled or bound at the center.

11. Mailbin Kit MT-501
Installed onto the finisher to divide printed pages and feed them into the appropriate bin assigned to a specific individual or group (only with PC printing).

Others

12. Punch Unit PU-501*
Installed onto the finisher to allow hole punching to be used.

13. Fax Kit FK-503*
Allows this machine to be used as a fax machine.

14. Scanner Unit SU-501*
Internal network scanner unit that allows the copier to be used as a scanner configured into a computer network.

15. Hard Disk HD-504*
Increases the number of document pages to be scanned. In addition, multiple jobs can be scanned.

16. Expanded Memory Unit EM-303/304/305*
By expanding the memory, the number of scanned pages that can be stored in the memory can be increased.

17. Fax Multi Line ML-502*
Installed to increase the telephone lines available for faxing.

18. Dehumidifier Heater 1C*
Installed in the paper feed cabinet or desk to prevent humidity from collecting in the paper.

19. Key Counter*
Allows the number of copies to be managed.

20. Key Counter Kit 4*
Required to install the key counter.

21. Key Counter Mounting Kit*
Required to install the key counter kit.

22. Local Interface Kit EK-502*
Used for making a local connection between this machine and the computer.

23. Mounting Kit MK-709*
Installs the device to remotely control the machine. If the fax kit is installed, this option is not needed.

24. Stamp Unit SP-501*
Used installed on the ADF. Stamps scanned document pages to indicate that they have been faxed.

*The internal options are not shown.
Notes: The Finisher FS-508 and Job Separator JS-502 cannot be attached at the same time.
The Mailbin Kit MT-501 and Saddle Stitcher SD-502 cannot be attached at the same time.

6. Parts Identification

1) Copier Parts and Accessories

Main Unit

1. Control panel
Used to specify the various settings and perform operations such as starting copying.

2. [Power] (auxiliary power) key
Press to turn on and off machine operations, for example, for copying, printing or scanning. When turned off, the machine enters a state where it conserves energy.

3. Automatic duplex unit door release lever
Used to open the automatic duplex unit door.

4. Automatic duplex unit door
Opened when clearing paper misfeeds within the automatic duplex unit.

5. Release lever for main unit right-side door
Used to open the right-side door of the main unit.

6. Multiple bypass tray
Used when printing onto paper with a size not loaded into a paper tray or onto thick paper, overhead projector transparencies, postcards, envelopes or label sheets. Can be loaded with up to 150 sheets of plain paper, 50 overhead projector transparencies, postcards, label sheets or sheets of thick paper, or 10 envelopes.

7. Tray extension
Pull out when large-sized paper is to be loaded.

8. Adjustable document guides
Adjust to the width of the paper.

9. Paper stopper
Prevents printed pages from falling out of the output tray. Use when the optional job separator is installed.

10. Copy output tray
Collects printed pages fed out of the copier facing down.

11. Front door
Opened when replacing the toner bottle.

12. 1st tray
Can be loaded with up to 500 sheets of paper. The paper size can be adjusted freely.

13. 2nd tray
Can be loaded with up to 500 sheets of paper. The paper size can be adjusted freely.

14. Paper-empty indicator
As the amount of paper in the paper tray decreases, the area that appears in red increases.
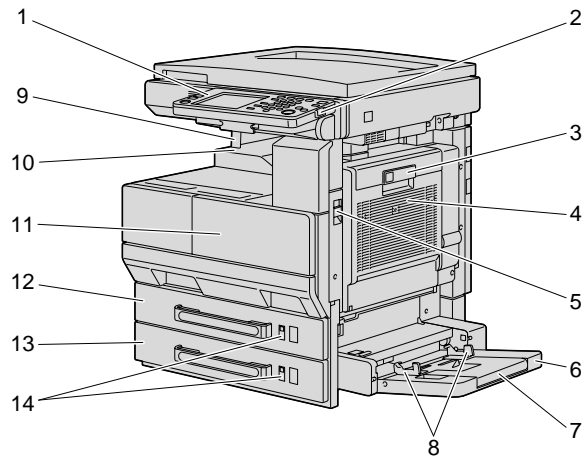
6. Parts Identification

Inside of Main Unit

1. Document pad
Presses down on the document positioned on the original glass.

2. Original glass
Scans the image of the loaded document.

3. Switchback unit
Built into the printer to turn over the paper during double-sided printing.

4. Automatic duplex unit
Turns over the paper for double-sided printing.

5. Right-side door
Open when clearing paper misfeeds in the right-side door unit or the fusing unit.

6. Toner hopper
Used when installing and replacing the toner bottles.

7. Document scales
Used to align the document.

8. Power cord
Supplies power to the machine.

9. Main power switch
Used to turn the machine on and off.

10. ADF connector
Used for connecting the ADF hookup cord.

11. TEL PORT1 jack
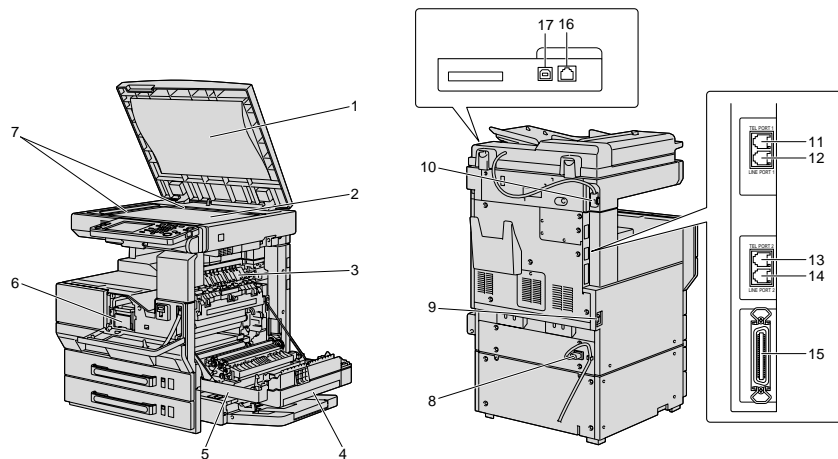
Options

Reverse Automatic Document Feeder DF-605

1. Print indicator
Lights up or flashes to indicate the status of the machine.

2. Adjustable document guide
Adjusted to the width of the document.

3. Document feed tray
Loaded with the documents to be scanned facing up.

4. Document output tray
Collects documents that have been scanned.

5. Document stopper
Raised to prevent large-sized documents from falling out of the document output tray.
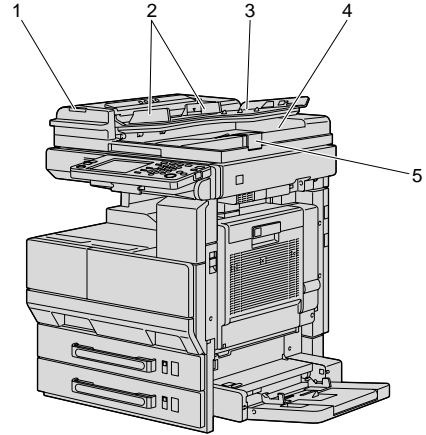
Paper Feed Cabinet PC-102/PC-202

1. 4th tray
Used for storage when the single paper feed cabinet is installed. Can be loaded with up to 500 sheets of paper when the double paper feed cabinet is installed.

2. 3rd tray
Can be loaded with up to 500 sheets of paper.

3. Lower right-side door release lever
Used to open the lower right-side door.

4. Lower right-side door
Opened when clearing paper misfeeds.
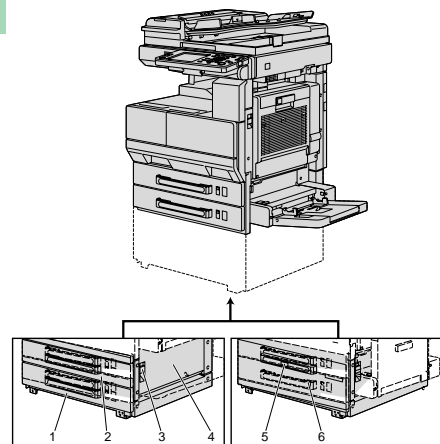
Paper Feed Cabinet PC-402

5. Tray release button
Pressed in order to pull out the LCT.

6. LCT
Can be loaded with up to 2,500 sheets of paper

Options

Saddle Stitcher SD-502/Mailbin Kit MT-501

Saddle Stitcher SD-502

1. Copy output tray
Collects copies.

2. Misfeed-clearing door
Opened when clearing paper misfeeds within the finisher.

Mailbin Kit MT-501

3. Mailbins
Collects printed pages.

4. Misfeed-clearing door
Opened when clearing paper misfeeds.

5. Output tray cover
Opened when clearing paper misfeeds.
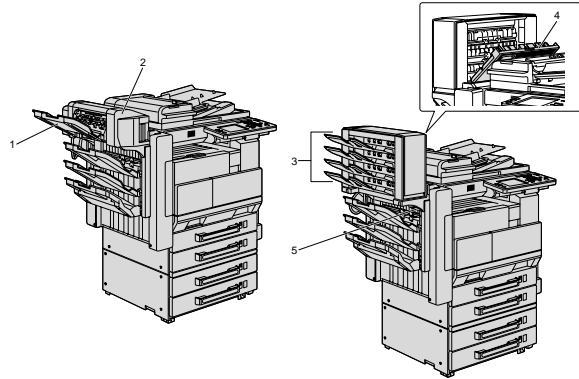
Finisher FS-508

1. Output tray 2
(elevated tray)
Collects copies that are fed out.

2. Output tray 1
(non-sorted copy tray)
Collects copies that are fed out.

3. Lever FN1
Lowered when clearing paper misfeeds within the finisher.

4. Dial FN2
Turned when clearing paper misfeeds within the finisher.

5. Hole-punch waste container
Removed when emptying hole-punch waste that has accumulated from using the punch settings.

6. Lever FN3
Lowered when clearing paper misfeeds within the finisher.

7. Lever FN4
Lowered when clearing paper misfeeds within the finisher.

8. Staple cartridge holder
Removed from the stapler unit when replacing the staple cartridge or clearing jammed staples.

9. Dial
Turned to move the staple cartridge holder to-ward you when replacing the staple cartridge or clearing jammed staples.

10. Dial FN5
Turned when clearing paper misfeeds within the finisher.

11. Dial FN6
Turned when clearing paper misfeeds within the finisher.
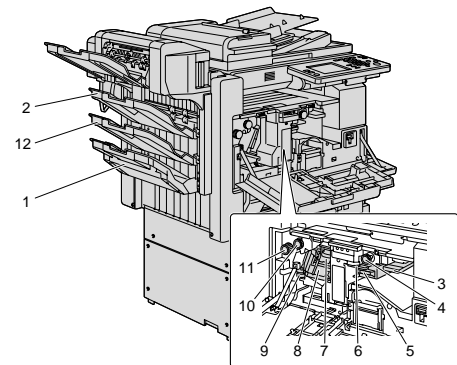
Output Tray OT-601

12. Optional output tray
Collects copies.

Punch Unit PU-502

13. Punch Unit*
Punches holes for filing printed pages when punch unit is installed onto finisher.

*The internal options are not shown.

2) Control Panel
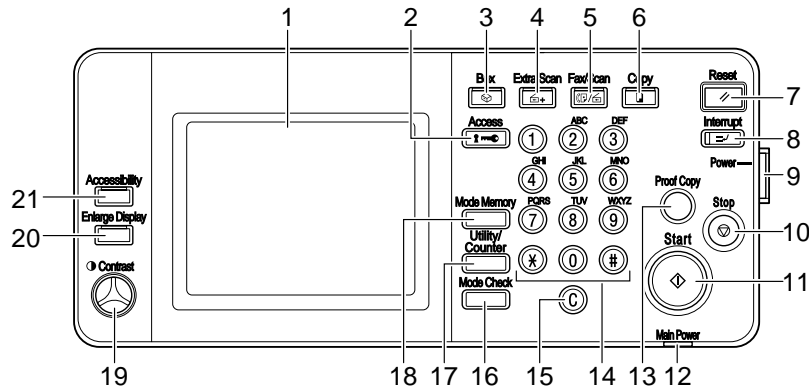
1. Touch panel
Displays various screens and messages. Specify the various settings by directly touching the panel.

2. [Access] key
If user authentication or account track settings have been applied, press this key after entering the user name and password (for user authentication) or the account name and password (for account track) in order to use this machine.

3. [Box] key
Press to enter Box mode. While the machine is in Box mode, the indicator on the [Box] key lights up in green.

4. [Extra Scan] key
Press to enter Extra Scan mode. While the machine is in Extra Scan mode, the indicator on the [Extra Scan] key lights up in green.

5. [Fax/Scan] key
Press to enter Fax/Scan mode. While the machine is in Fax/Scan mode, the indicator on the [Fax/Scan] key lights up in green.

6. [Copy] key
Press to enter Copy mode. (As a default, the machine is in Copy mode.) While the machine is in Copy mode, the indicator on the [Copy] key lights up in green.

7. [Reset] key
Press to clear all settings (except programmed settings) entered in the control panel and touch panel.

8. [Interrupt] key
Press to enter Interrupt mode. While the machine is in Interrupt mode, the indicator on the [Interrupt] key lights up in green and the message "Now in Interrupt mode." appears on the touch panel. To cancel Interrupt mode, press the [Interrupt] key again.

9. [Power] (auxiliary power) key
Press to turn on and off machine operations, for example, for copying, printing or scanning. When turned off, the machine enters a state where it conserves energy.

10. [Stop] key
Press the [Stop] key during copying to stop the copy operation.

11. [Start] key
Press to start copying. When this machine is ready to begin copying, the indicator on the [Start] key lights up in green. If the indicator on the [Start] key lights up in orange, copying can-not begin.

12. Main Power indicator
Lights up in green when the machine is turned on with the main power switch

13. [Proof Copy] key
Press to print a single proof copy to be checked before printing a large number of copies.

14. Keypad
Use to type in the number of copies to be produced. Use to type in the zoom ratio. Use to type in the various settings.

15. [C] (clear) key
Press to erase a value (such as the number of copies, a zoom ratio, or a size) entered using the keypad.

16. [Mode Check] key
Press to display screens showing the specified settings.

17. [Utility/Counter] key
Press to display the Utility/Counter screen.

18. [Mode Memory] key
Press to register the desired copy settings as a program or to recall a registered copy program.

19. Contrast dial
Use to adjust the contrast of the touch panel.

20. [Enlarge Display] key
Press to enter Enlarge Display mode.
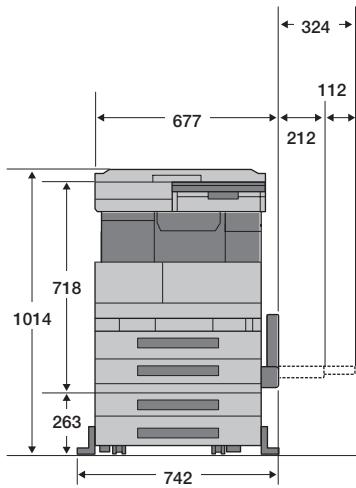
21. [Accessibility] key
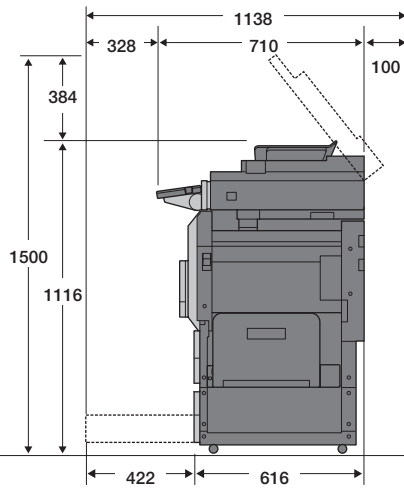Press to display the screen for specifying user accessibility functions.

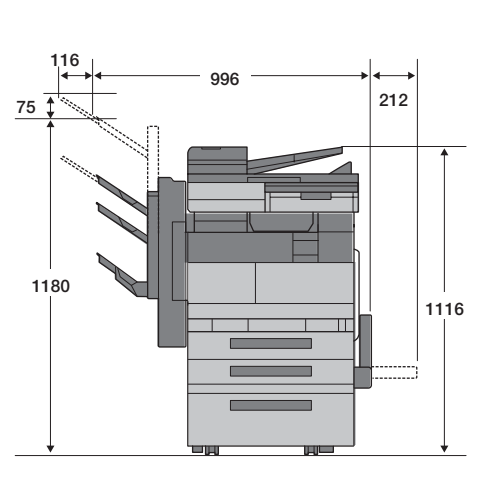# 7. Space Requirements

Dimensions (unit: mm)
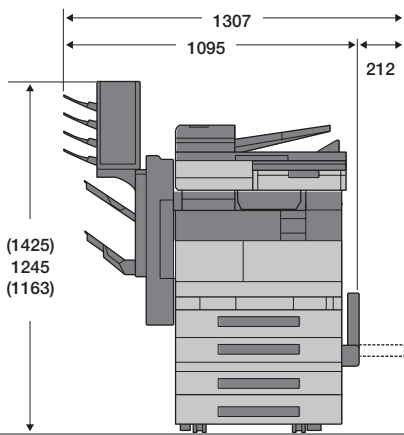
main unit+OC-502+PC-202
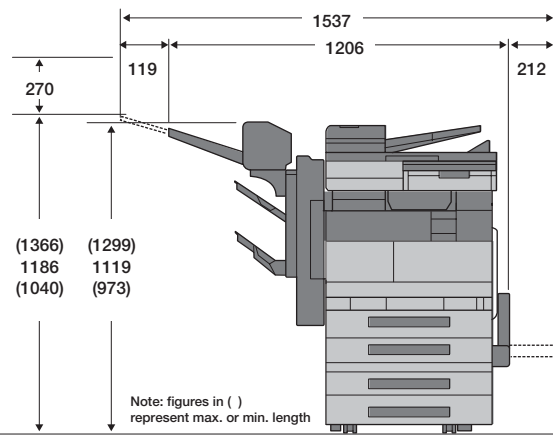

main unit+DF-605+PC-202 (side)

main unit+DF-605+PC-402+FS-508+OT-601

main unit+DF-605+PC-202+FS-508+MT-501

main unit+DF-605+PC-202+FS-508+SD-502

Note: figures in ( ) represent max. or min. length

8. Competitor's Comparison

		KonicaMinolta bizhub 350	Canon iR3570	Canon Ricoh imagio Neo 352	Xerox DocuCentre 350
Print Speed (PPM)	color	–	-	-	-
	mono.	35	35	35	35
Warm Up Time (sec.)		14	30	15	20
Resolution (dpi)		600 x 600	600 x 600 (print 1200 equiv. x 600)	600 x 600	600 x 600
Paper Input	Standard	500 x 2 + bypass 150 = 1,150	650 x 2 + bypass 50 = 1,350	500 x 2 + bypass 50 = 1,050	500 x 3 + bypass 100 = 1,600
	Option	500 x 2, LCC 2,500	650 x 2, LCC 3,000	550 x 2 or 1500, LCC 2,000	500 x 1, LCC 2,300
Input Media Size (mm)	Min.	B6	Postcard (100 x 148)	A6	Postcard (100 x 148)
	Max.	A3	A3	A3	A3
Input Media Weight (g/m^2)	Min.	56	48	60 (tray), 55 (bypass)	60
	Max.	90 (multiple bypass tray 210)	128	105 (tray) 163 (bypass)	216
Dimension (mm)	W x D x H	677 x 710 x 718	565 x 700 x 764	760 x 650 x 870	640 x 649 x 1,028
Machine Weight (Kg)		74	74	91	80
Controller					
Base Controller					
Command		PCL5e, PCL6, PS3	LIPS LX	PCL 5e/6, RPCS, PS3	ART EX, ART IV, PS3 (opt.)
CPU		RM 5231 (300 MHz)	shared with machine	RM7065A 300 MHz	N/A
Memory		Std 192MB	shared with machine	Std (Max) 192MB	128MB (opt. 256MB Max. 512MB)
Interface	Standard	10/100Base-TX, USB2.0/1.1, Parallel	10/100Base-TX, USB2.0	10/100Base-TX, IEEE 1284 Parallel	IEEE 1284, Ethernet 100Base-TX/10Base-T
	Option	N/A	N/A	IEEE 802.11b Wireless LAN Bluetooth IEEE 1394 USB 2.0	USB 2.0
Client OS		Windows 98SE / ME, NT4.0 / 2000 / XP Mac OS 9.2, OS X (10.2, 10.3)	Windows 2000 / XP / server 2003 MacOS X 10.1.5 or later	Windows 9x, Me, NT4.0, 2000 MacOS system 8.6 - OS X	Windows 95 / 98 / Me / NT4.0 / 2000 / XP / server 2003 (Option) Mac OS (7.5.3 - 9.2.2), X (10.1.5 / 10.2 / 10.3.3 - 10.3.5)
Protocol		TCP/IP, IPX/SPX, SMB, LPD, IPP 1.1, SNMP, SMTP/POP3, HTTP, FTP	TCP/IP, IPX/SPX, AppleTalk	TCP/IP, IPX/SPX, SMB, AppleTalk	TCP/IP, IPX/SPX, (option) EtherTalk
Copy					
Copy Speed (PPM)	color	-	-	-	-
	mono.	35	35	52	52
First Copy Time (sec.)	color	-	-	-	-
	mono.	4.8	3.9	4.5	3.2
Zoom		0.250 - 4.000	0.250 - 4.000	0.250 - 4.000	0.250 - 4.000
Max. Continuous Copy		999	999	999	999
Facsimile					
Compression Method		MH/MR/MMR/JBIG	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG (optional)	MH/MR/MMR/JBIG
Max. Scan Size		A3		A3	A3

		KonicaMinolta bizhub 250	Canon Canon iR2870	Canon iR2270	Ricoh imagio Neo 271
Print Speed (PPM)	color	-	-	-	-
	mono.	25	28	22	27
Warm Up Time (sec.)		14	30	30	15
Resolution (dpi)		600 x 600dpi	600 x 600 (print 1200 equiv. x 600)	600 x 600 (print 1200 equiv. x 600)	600 x 600
Paper Input	Standard	500 x 2 + bypass 150 = 1,150	650 x 2 + bypass 50 =1,350	650 x 2 + bypass 50 = 1,350	500 x 2 + bypass 100 = 1,100
	Option	500 x 2 , LCC 2,500	650 x 2, LCC 3,000	650 x 2, LCC3,000	550 x2 or 1500, LCC 2,000
Input Media Size (mm)	Min.	B6	Postcard(100 x 148)	Postcard (100 x 148)	A6
	Max.	A3	A3	A3	A3
Input Media Weight (g/m^2)	Min.	56	48	48	N/A
	Max.	90 (multiple bypass tray 210)	128	128	N/A
Dimension (mm)	W x D x H	677 x 710 x 718	565 x 700 x 764	565 x 700 x 764	550 x 604 x 709
Machine Weight (Kg)		74	74	74	55
Controller					
Base Controller					RPCS, PRDL V
Command		PCL5e, PCL6, PS3	LIPS LX	LIPS LX	PCL 5e/6, RPCS, PS3 (opt.)
CPU		RM 5231 (300 MHz)	shared with machine	shared with machine	RM5261 A-400
Memory		Std 192MB	shared with machine	shared with machine	Std (Max) 192MB
Interface	Standard	10/100Base-TX, USB2.0/1.1, Parallel	10/100Base-TX, USB2.0	10/100Base-TX, USB2.0	10/100Base-TX, IEEE 1284 Parallel
	Option	N/A	N/A	N/A	IEEE 802.11b Wireless LAN Bluetooth IEEE 1394 USB 2.0
Client OS		Windows 98SE / ME, NT4.0 / 2000 / XP Mac OS 9.2, OS X (10.2, 10.3)	Windows 2000 / XP / server 2003 MacOS X 10.1.5 or later	Windows 2000 / XP / server 2003 MacOS X 10.1.5 or later	Windows 9x,Me,NT4.0,2000 / XP / Server 2003, MacOS 8.x, 9.x -OS X
Protocol		TCP/IP, IPX/SPX, SMB, LPD, IPP 1.1, SNMP, SMTP/POP3, HTTP, FTP	TCP/IP, IPX/SPX, AppleTalk	TCP/IP, IPX/SPX, AppleTalk	TCP/IP, IPP, NetBEUI, IPX/SPX, AppleTalk (EtherTalk only)
Copy					
Copy Speed (PPM)	color	-	-	-	-
	mono.	25	45	45	N/A
First Copy Time (sec.)	color	-	-	-	-
	mono.	5.3	3.9	3.9	4.9
Zoom		0.250 - 4.000	0.250 - 4.000	0.250 - 4.000	0.250 - 4.000
Max. Continuous Copy		999	999	999	99
Facsimile					
Compression Method		MH/MR/MMR/JBIG	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG (optional)
Max. Scan Size		A3		A3	A3

		KonicaMinolta bizhub 250	Ricoh imagio Neo 221	Xerox DocuCentre f285	Xerox DocuCentre f235
Print Speed (PPM)	color	-	-	-	-
	mono.	25	22	28	23
Warm Up Time (sec.)		14	15	35	35
Resolution (dpi)		600 x 600dpi	600 x 600	600 x 600	600 x 600
Paper Input	Standard	500 x 2 + bypass150 = 1,150	500 x 2 + bypass 100 =1,100	500 x 3 + bypass 100 = 1,600	500 x 3 + bypass 100 = 1,600
	Option	500 x 2 , LCC 2,500	550 x 2 or 1500 , LCC 2,000	500 x 1	500 x 1
Input Media Size (mm)	Min.	B6	A6	A5	A5
	Max.	A3	A3	A3	A3
Input Media Weight (g/m^2)	Min.	56	N/A	60	60
	Max.	90 (multiple bypass tray 210)	N/A	216	216
Dimension (mm)	W x D x H	677 x 710 x 718	550 x 604 x 709	639.7 x 649.2 x 1,112	639.7 x 649.2 x 1,112
Machine Weight (Kg)		74	55	98	98
Controller					
Base Controller			RPCS, PRDL V		
Command		PCL5e, PCL6, PS3	PCL 5e/6, RPCS, PS3 (opt.)	ART EX, ART IV, PS3 (opt.)	ART EX, ART IV, PS3 (opt.)
CPU		RM 5231 (300 MHz)	RM5261 A-400	N/A	N/A
Memory		Std 192MB	Std (Max) 192MB	256MB	256MB
Interface	Standard	10/100Base-TX, USB2.0/1.1, Parallel	10/100Base-TX, IEEE 1284 Parallel	IEEE 1284, Ethernet 100Base-TX/10Base-T	IEEE 1284, Ethernet 100Base-TX/10Base-T Std (Max) 192MB
	Option	N/A	IEEE 802.11b Wireless LAN Bluetooth IEEE 1394 USB 2.0	USB 2.0	USB 2.0
Client OS		Windows 98SE / ME, NT4.0 / 2000 / XP Mac OS 9.2, OS X (10.2, 10.3)	Windows 9x,Me,NT4.0,2000 / XP / Server 2003, MacOS 8.x, 9.x - OS X	Windows 9x, Me, NT4.0,2000 / XP / Server 2003, Mac OS 7.x - 9.2.2, OS X	Windows 9x, Me, NT4.0,2000 / XP / Server 2003, MacOS 7.x - 9.2.2, OS X
Protocol		TCP/IP, IPX/SPX, SMB, LPD, IPP 1.1, SNMP, SMTP/POP3, HTTP, FTP	TCP / IP, IPP, NetBEUI, IPX / SPX, AppleTalk (EtherTalk only)	Compatible, Nibble, ECP, TCP/IP (lpd,IPP,SMB,Por t9100), AppleTalk (EtherTalk only)	Compatible, Nibble, ECP, TCP/IP (lpd,IPP,SMB,Por t9100), AppleTalk (EtherTalk only)
Copy					
Copy Speed (PPM)	color	-	-	-	-
	mono.	25	N/A	50	50
First Copy Time (sec.)	color	-	-	-	-
	mono.	5.3	4.9	4.5	4.5
Zoom		0.250 - 4.000	0.250 - 4.000	0.250 - 4.000	0.250 - 4.000
Max. Continuous Copy		999	99	999	999
Facsimile					
Compression Method		MH/MR/MMR/JBIG	MH/MR/MMR/JBIG (optional)	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Max. Scan Size		A3	A3	A3	A3

9. Specifications

bizhub 350 / 250

Type	Desktop/console
Document holder	Stationary (mirror scanning)
Photoconductor	OPC
Luminous source	Cold cathode tube
Copying system	Digital laser copying
Developing system	HMT developing method (HMT-OR)
Fusing system	Heat-roller-fixing system
Resolution	600 dpi x 600 dpi
Document	Types: Sheets, books (page spreads), and three-dimensional objects Size: Maximum A3 (11 x 17) Weight: Maximum 210 g/m^2(ADF), 2 kg (three-dimensional objects)
Paper types	Plain paper (56 to 90 g/m^2), thick paper* (90 to 210 g/m^2), thin paper* (50 to 55 g/m^2), special paper, overhead projector transparencies*, postcards*, envelopes*, label sheets* *Can only be fed through the multiple bypass tray
Copy sizes	1st and 2nd tray: A3▭, B4▯, A4▭/▯, B5▭/▯, A5▭, Foolscap, 11 x 17▭, 11 x 14▭, Legal ▭, Letter ▭/▯, Executive▭/▯ Bypass tray: A3▭, B4▭, A4▭/▯, B5▭/▯, A5▭/▯, B6▭, Foolscap, 11 x 17▭, 11 x 14▭, Legal ▭ /▯ Width: 90 to 297 mm; Length: 140 to 432 mm
Paper tray capacity	1st tray: Plain paper: 500 sheets 2nd tray: Plain paper: 500 sheets Bypass tray: Plain paper: 150 sheets; Thick paper: 50 sheets; Overhead projector transparencies/postcards/label sheets: 50 sheets; Envelopes: 10; Thin paper: 150 sheets
Copy output tray capacity	Plain paper: 250 sheets; Thick paper: 20 sheets; Overhead projector transparencies: 1 sheet
Warm-up time	Less than 24 seconds after the machine is turned on with the main power switch (less than 26 seconds if the fax kit or scanner kit is installed) Less than 14 seconds after the [Power] (auxiliary power) key is turned on *At room temperature (73.4°F (23°C))
Image loss	Leading edge: 4 mm; Trailing edge: 4 mm; Rear edge: 4 mm; Front edge: 4 mm
First copy	bizhub 250: 5.3 seconds or less (with Letter ▯ paper fed from the 1st tray) bizhub 350: 4.8 seconds or less (with Letter ▯ paper fed from the 1st tray)
Copy speed	bizhub 250: 25 ppm (with A4 Y) bizhub 350: 35 ppm (with A4 Y)
Magnification ratios	Full size ("x1.0"): x1.000 Enlarge: x1.154, x1.414, x2.000 Reduce: x0.816, x0.707, x0.500, Minimal (x0.930)* Zoom: x0.250 to x4.000 (in 0.001 increments) Stored zoom ratios: 3 *"Minimal" zoom ratio (between x0.900 and x0.999)
Multiple copies	1 to 999 sheets
Density control	Manual density adjustment (9 levels) Automatic density adjustment (5 levels)
Power requirements	AC 220-240 V, 6.1 A +10% or less, 50/60 Hz
Power consumption	1,300-1,470 W± 10% or less
Energy efficiency*[1]	bizhub 250: 27 wh/h, bizhub 350: 31 wh/h
Dimensions	677 mm (W) x 710 mm (D) x 718 mm (H)
Space requirements*[2]	987 mm (W) x 710 mm (D)
Memory	Standard memory: 192 MB; For files: 32 MB
Weight	Approx. 74 kg

*[1] Energy efficiency when the Low Power mode is set to 1 minute and the Sleep mode is set to 1 minute
*[2] The indicated spaced requirements represent the space required to fully extend the bypass tray.
In order to incorporate improvements, these product specifications are subject to change without notice.

Automatic Duplex Unit

Paper types	Plain paper (56 to 90 g/m²)
Paper sizes	A3⊡, B4⊡, A4⊡/⊟, B5⊡/⊟, A5⊡
Power requirements	Supplied from main unit
Power consumption	Less than 10 W
Dimensions	89 mm (W) x 419 mm (D) x 358 mm (H)
Weight	2.2 kg

Reverse Automatic Document Feeder DF-605

Document feed methods	Standard methods: Single-sided and double-sided documents "Mixed Original" function: Combination of single-sided and double-sided documents
Document types	Single-sided: Plain Paper (35 to 128 g/m²) Double-sided or mixed: Plain Paper (50 to 128 g/m²)
Document sizes	Single-sided/double-sided documents: A3⊡, B4⊡, A4⊡/⊟, B5⊡/⊟, A5⊡ Mixed document sizes: Refer to chart on page 22.
Capacity of document feeder	Single-sided/double-sided documents: Maximum 80 sheets (80 g/m²)
Power requirements	Supplied from main unit
Power consumption	Less than 48 W
Dimensions	582 mm (W) x 558 mm (D) x 145 mm (H)
Weight	9.4 kg

Paper Feed Cabinet PC-102

Paper types	Plain paper (56 to 90 g/m²)
Paper sizes	A3⊡, B4⊡, A4⊡/⊟, B5⊡/⊟, A5⊡, Foolscap, 11 x 17⊡, 11 x 14⊡, Legal⊡, Letter⊡/⊟, Executive⊡/⊟
Paper tray capacity	3rd tray: 500 sheets (80 g/m²)
Power requirements	Supplied from main unit
Power consumption	Less than 15 W
Dimensions	570 mm (W) x 548 mm (D) x 263 mm (H)
Weight	22 kg
Unit structure	1 paper tray

Paper Feed Cabinet PC-202

Paper types	Plain paper (56 to 90 g/m²)
Paper sizes	A3⊡ B4⊡, A4⊡/⊟, B5⊡/⊟, A5⊡, Foolscap, 11 x 17⊡, 11 x 14⊡, Legal⊡, Letter⊡/⊟, Executive⊡/⊟
Paper tray capacity	Upper tray (3rd tray): 500 sheets (80 g/m²) Lower tray (4th tray): 500 sheets (80 g/m²)
Power requirements	Supplied from main unit
Power consumption	Less than 15 W
Dimensions	570 mm (W) x 548 mm (D) x 263 mm (H)
Weight	26 kg
Unit structure	2 paper trays

Paper Feed Cabinet PC-402

Paper types	Plain paper (56 to 90 g/m²)
Paper sizes	A4⊡
Paper tray capacity	2,500 sheets (80 g/m²)
Power requirements	Supplied from main unit
Power consumption	Less than 45 W
Dimensions	570 mm (W) x 548 mm (D) x 263 mm (H)
Weight	26 kg

Finisher FS-508

Output trays	Output tray 1, output tray 2
Feed settings	"Non-Sort", "Sort", "Group", Staple settings, and Punch settings
Paper types	Output tray 1: Plain paper (56 to 90 g/m^2) Thick paper (91 to 210 g/m^2), overhead projector transparencies, postcards, envelopes, label sheets Punch settings: Plain paper (60 to 90 g/m^2) Output tray 2: Plain paper (56 to 90 g/m^2) Staple settings: Plain paper (56 to 90 g/m^2) Punch settings: Plain paper (60 to 90 g/m^2)
Paper sizes	A3▬, A4▬/▮
Paper capacity	Output tray 1: Plain paper (56 to 90 g/m^2): 200 sheets Thick paper (91 to 210 g/m^2), overhead projector transparencies, postcards, envelopes, or label sheets: 20sheets Output tray 2: Plain paper (80 g/m^2): 1,000 single-sided sheets, 500 double-sided sheets
Amount of shift	30 mm
Staple settings	Paper sizes (no. of bound pages): A3▬, A4▬/▮
Punch settings	Paper sizes: A3▬, A4▬/▮ Number of punched holes: 2, 3, 4
Power requirements	Supplied from main unit
Power consumption	Less than 66 W
Dimensions	319 mm (W) x 558 mm (D) x 573 mm (H) When the tray is pulled out: 435 mm (W)
Weight	21.4 kg (including the horizontal transport unit)
Consumables	Staples MS-5D (5,000 staples for stapling 50 sheets) x 2

Punch Unit PU-501

Punched holes	2, 3, 4
Paper types	Plain paper (60 to 90 g/m^2)
Paper sizes	A3▬, A4▬/▮
Power requirements	Supplied from finisher
Dimensions	114 mm (W) x 461 mm (D) x 136 mm (H)
Weight	Approx. 1.9 kg

Saddle Stitcher SD-502

Number of bins	1 bin
Paper types	Plain paper (56 to 90 g/m^2)
Paper sizes	A3▬, A4▬
Paper capacity	Plain paper (56 to 90 g/m^2): Maximum 200 sheets or 20 sets
Staple settings	Number of bound pages: 2 to 15 sheets
Dimensions	445 mm (W) x 203 mm (D) x 478 mm (H) When the tray is pulled out: 576 mm (W) x 281 mm (D)
Weight	9.3 kg
Consumables	MS-2C cartridge (for 2,000) x 1
Power requirements	Supplied from finisher

Output Tray OT-601

Number of bins	1 bin
Paper capacity	Plain paper (56 to 90 g/m^2): Maximum 200 sheets Postcards, envelopes, overhead projector transparencies, or label sheets: Maximum 20 sheets
Dimensions	282 mm (W) x 368 mm (D) x 57 mm (H)
Weight	0.7 kg

Mailbin Kit MT-501

Number of bins	4 bins
Paper types	Plain paper (56 to 90 g/m^2)
Paper sizes	A3 ◨, A4 ◨
Paper capacity	Maximum 125 sheets (80 g/m^2) per bin
Dimensions	624 mm (W) x 503 mm (D) x 390 mm (H)
Weight	Approx. 8 kg (unit weight); 12 kg or less (gross weight)
Power requirements	Supplied from finisher

Job Separator JS-502

Number of bins	1 bin
Paper types	Plain paper (56 to 90 g/m^2), thick paper (91 to 210 g/m^2), overhead projector transparencies, postcards, envelopes, label sheets, thin paper (50 to 55 g/m^2)
Paper sizes	A3 ◨, A4 ◨/◨
Paper capacity	100 sheets
Dimensions	450 mm (W) x 443 mm (D) x 75 mm (H)
Weight	Approx. 1.7 kg