



ITECOFFICE.CO.ZA

011 784 1146

Lowering the cost of print.

Multifunctional Monochrome
with Colour Scanning

ITEC

B423/B363/B283/B223



A4 Page/min
Monochrome **42**
ITEC B423

A4 Page/min
Monochrome **36**
ITEC B363

A4 Page/min
Monochrome **28**
ITEC B283

A4 Page/min
Monochrome **22**
ITEC B223

Introducing the MFP that lowers print costs

ITEC has designed a MFP that is not only efficient, productive and environmentally friendly but will also lower the cost of print in your organisation. Introducing the new ITEC 423/363/283/223 MFP with built-in colour scanning. In the era of colourful business documents, you need a multi-talented MFP that integrates colour and monochrome features. You need an ITEC MFP.



Environmental Consideration



ITEC understands that saving resources benefits both the planet and your bottom line. Expanding on that idea, we also strive to make your office environment as agreeable as possible.

Toner Recycling Mechanism

Toner used in the ITEC B423 series is reused 100%. Untransferred toner that remains on the photoconductor is removed by the cleaning blade, carried through the recycle duct, and re-sent to the developing unit. This process eliminates the generation of toner waste.

Environmentally Considerate Toner

Since 2000, when Konica Minolta introduced the world's first polymerised toner for digital monochrome MFPs, Simitri toner has been made using biomass, a plant-based resource. This ensures less environmental impact without sacrificing image quality.



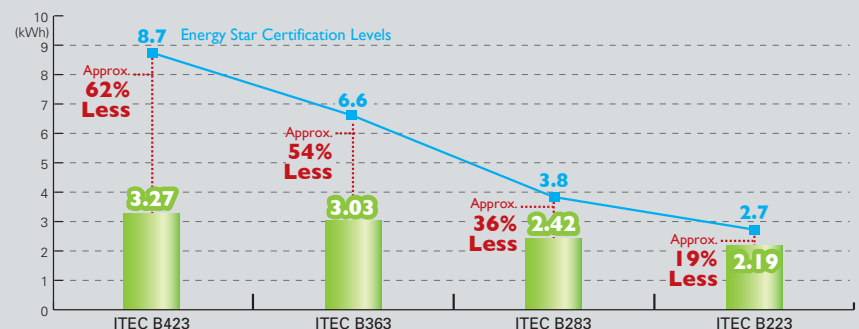
Quiet Operation

The ITEC B423 series is the quietest MFP in its class during standby. Noise reductions have also been made in the ADF, making it the smart choice for a high-performance MFP that isn't an intrusive presence.

Superior TEC Values

The ITEC 423 series offers excellent energy performance. It surpasses the TEC values* needed to gain Energy Star certification by a wide margin – up to 62% for the ITEC B423 model. * TEC (Typical Electricity Consumption) is the test method used by Energy Star.

ITEC 423 Series TEC Levels vs. Energy Star Certification Levels



Question 1

How do I incorporate colour documents in my monochrome workflow?

The ITEC answer

Colour Scanning

Monochrome output plus colour scanning means you can digitise, save, share and reuse colour documents.



Question 2

How do I streamline my office's document management needs?

The ITEC answer

Smart Output Management and Unified Firmware

Biometric and non-contact IC card authorisation ensure stress-free authorisation, while a number of copy, print and fax output control functions help limit paper and energy use. Furthermore, the B423 series uses the same firmware as colour models, enabling universal management for all MFPs on your network.



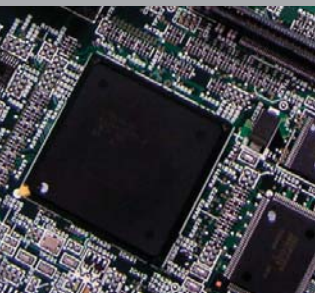
Question 3

How do I minimise environmental impact and total product lifecycle cost?

The ITEC answer

Total Design Philosophy

The B423 series offers a three-tiered solution to respect the environment and your bottom line – reduced use of materials during construction, low energy consumption and compliance with a host of environmental regulations.



Innovative Technology

□ ■ □ □ □ □ □ 02

Don't let the monochrome output fool you – the ITEC B423 series offers many of the same features as colour MFPs, while keeping running costs manageable.

Colour Scanning

Despite being a monochrome MFP, the ITEC B423 series offers colour scanning, letting you share and save documents in their original state.

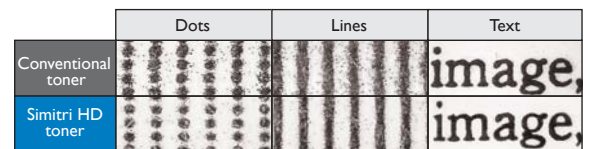
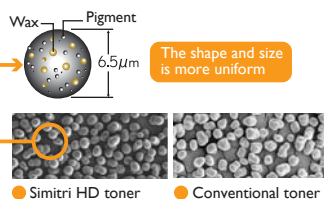


Simitri HD Toner with Biomass

Konica Minolta's exclusive polymerised toner with plant-based ingredients (biomass) offers high image quality and less environmental impact.

Simitri HD
High Definition Polymerized Toner

Structure of Simitri HD Toner



Comparison of conventional toner and Simitri HD toner. (Internal testing)

High-quality Monochrome Output

Colour originals are output in high-quality monochrome without shifts in gradation. This is especially apparent during printing, as screens optimised for the characteristics of the engine's properties improve gradations and reduce graininess.

Image Processing Engine

A new ASIC image processing engine ensures high-quality monochrome prints.

OpenAPI

Konica Minolta's proprietary API system that enables customised workflows.

Integration with Colour MFPs

New firmware enables full feature integration with colour devices.



Exceptional Document Handling □ □ ■ □ □ □ □ 03

As the monochrome MFP designed to reduce TCO, the ITEC B423 series delivers the kind of high-level document performance you would expect to find with costlier MFP models.

High-speed Network Scanning

Even though the ITEC B423 series is a monochrome MFP, it can scan at a speed of 70opm in both monochrome and colour, enabling your office to enjoy a colour workflow even with a monochrome device. Additionally, mixed colour/monochrome and mixed sized documents are automatically detected without pre-scanning, saving you time.

Multi-method Send

Scan a document and send the data to various destinations at once, including a PC, e-mail address, etc. This time-saving function greatly increases efficiency when the same document has to be sent to multiple contacts with varying network environments.

Scan to SMB

Send scanned data directly to a shared folder on a PC.

Scan to FTP/WebDAV

Send large documents or multiple documents to a server to facilitate saving and sharing.

Scan to Box

Send documents to the Box, from which they can be shared and re-sent.

Scan to USB Memory

Scan documents directly to an attached USB device – no network means higher security and convenience.

Scan to E-mail

Send documents as attachments to e-mail addresses. Compatible with S/MIME encryption and LDAP for easy address retrieval.

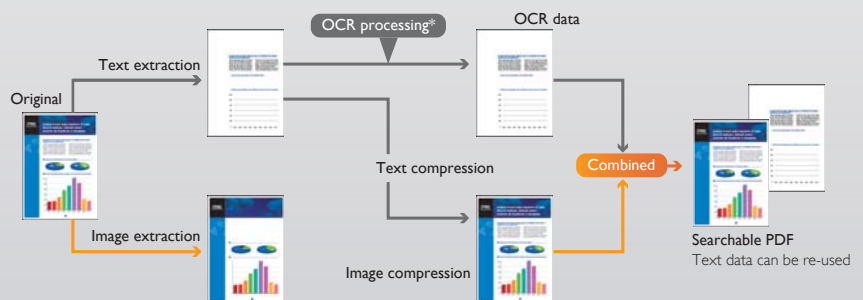
Searchable PDF

Scanned originals can be saved as PDF files with selectable text data using OCR (Optical Character Recognition) processing. This makes it possible to search for keywords in the text of the PDF file, as well as copy and paste the desired text into other applications.

*Optional HD-516 HDD required (ITEC B363/B283/B223).

*Optional i-Option Lk-105

Searchable PDF



* OCR results may not be 100% accurate, and mis-readings may occur. Depending on type of original, documents may not be rotated correctly with the document rotation function during OCR processing.

Compact PDF

In order to reduce the size of PDF files to enable easier handling, the Compact PDF function automatically separates a document image into text and photo areas. This function, which preserves image quality, is ideal when saving and sending large files.

For a Smoother Workflow

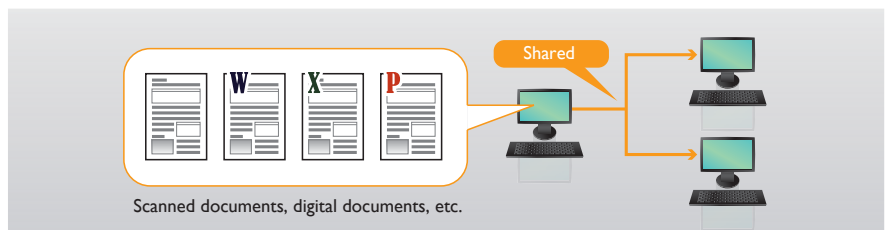
PageScope Web Connection

A web-based network utility providing information on device status and settings.



PageScope Workware

Manages data as PDF files for easy editing, processing and searching.



Box Function

Saves scan, copy, print or fax data to the Box, facilitating information sharing.

PageScope Box Operator

Lets you view, download, reprint, rename and delete files stored in the User Box.

ITEC focuses on the needs of every user by offering superior functionality and ease-of-use to make simple work of even complex processes.

Colour LCD Panel

Boasting a large 8.5-inch colour LCD screen and 4 adjustable tilt angles, the new ITEC offers users a highly legible interface and an intuitive layout for trouble-free navigation.



Guide Functions

The Guidance Function offers information relevant to the feature currently in use, while the Animation Guidance walks users through the process of removing paper jams. *Optional HD-516 HDD required (ITEC 363/283/223).



Easy Setting Keys

Select up to four functions you often use, such as magnification or duplex to be displayed on the main menu for easier access.

Stylish Design

Sporting a sophisticated black and white body with a 360-degree design, the new ITEC looks great from any angle, no matter where it is placed in your office.



Universal Design

Paper trays can be opened and closed with either an overhand or underhand grip, making it easier for everyone in the office to replenish paper supplies as needed.



Cost-effective Fax Solutions

Stay in touch without incurring extra costs. The ITEC B423 series is equipped with a host of advanced fax features to keep information flowing and keep costs low.

IP Address Fax

Simply select an IP address to send a colour or monochrome fax to any SMTP compatible device on the network that supports IP Fax. And since this feature uses existing network systems, no additional costs are required.

*Optional HD-516 HDD required (ITEC 363/283/223).
*Optional FK-508 Fax Kit, MK-726 Fax Mount Kit required.

TSI Routing

TSI (Transmitting Subscriber Identification) identifies and sorts faxes by sender, either individuals or organisations. This makes it possible to automatically receive and store all faxes from a particular sender in a designated folder within the Box. Faxes can also be sent separately to an e-mail, FTP or SMB server, making it ideal when away from the office or on a business trip.

Colour Internet Fax

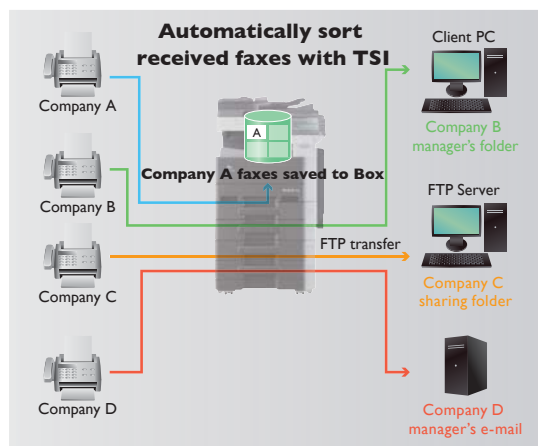
Colour Internet Fax comes standard, enabling cost-efficient transmission of colour and monochrome faxes to any MFP that supports the Profile C standard, even machines outside of the intranet. This method also helps reduce costs by taking advantage of your pre-existing internet infrastructure.

*Optional HD-516 HDD required (ITEC 363/283/223).

PC Fax

Send data directly from a PC to any fax machine via the ITEC B423 series. This function helps reduce paper waste and cut TCO as there's no need to print before faxing.

*Optional FK-508 Fax Kit, MK-726 Fax Mount Kit required.



More Fax Functions

Super G3 Fax (optional)

High-speed, high image quality faxes offering exceptional cost performance.

Spam Fax Protection

Save incoming faxes temporarily on the HDD and preview as thumbnails before printing.

Memory Reception

Documents can be received, stored in memory, and printed out as needed.

Multi-port Fax (optional)

Send faxes to two destinations at the same time.

Address Registration

Register up to 2,000 individual and 100 group addresses and fax numbers for quick access and easy sending.

Productivity meets resource conservation in the ITEC B423 series. Get more work done at a lower cost with the diverse output opportunities at your fingertips.

Diverse Finishing Options

Choose between the robust, feature-rich floor finisher and the space-saving inner finisher for the finishing options that fit your business needs.



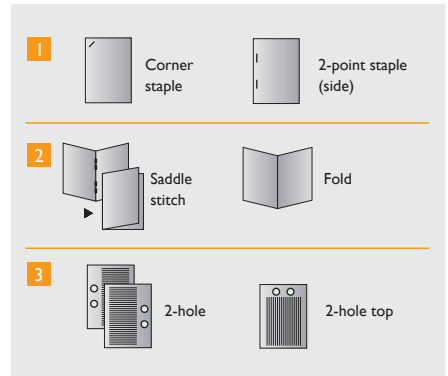
FS-527 Floor Finisher

With an impressively narrow width of only 528mm, the FS-527 Floor Finisher offers stapling, as well as optional hole punching and saddle stitching – ideal for creating presentation materials and reports. Additionally, the optional JS-603 Job Separator divides output between three trays depending on delivery destination, while a low-noise design ensures quiet operation.



FS-529 Inner Finisher

This internal finisher in the main body reduces space, while offering stapling and separating functionality. The JS-505 Job Separator can also be used.



- 1 FS-527 / FS-529 Finisher Stapling Functions ▶ Up to 50 sheets side stapling, FS-529 corner stapling performed concurrently.
- 2 FS-527 Finisher + SD-509 Saddle Stitcher Booklet function + Folding function ▶ Up to 15 sheets, up to 3 sheets for folding.
- 3 FS-527 Finisher + PK-517 Punch Kit punch function ▶ Up to 210g/m²

Quick Start

To increase productivity while reducing energy consumption, the ITEC B423 series offers a warm-up time (WUT) of 12 seconds or less when in Sleep Mode and a first-copy output time (FCOT) of only 3.6 seconds* or less.

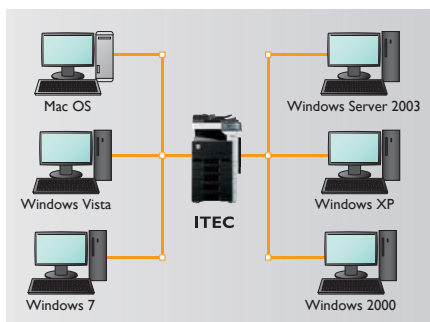
*ITEC 423/363 only, WUT for ITEC 283/223 is 4.2 seconds.

Duplex / n-in-1 Copy & Print

Up to 16 pages can be printed on one sheet (8 pages for copying) with n-in-1 printing. With the optional DF-621 Reverse ADF, duplex copying and printing is available, contributing to less paper waste and improved cost performance.

Network Print

Featuring ITEC's proprietary Emperon print controller, network printing comes standard, enabling printing regardless of the mix of operating systems on your network.



Paper Capacity

With two 500-sheet universal trays and a 150-page multi-bypass as standard, the ITEC B423 series offers an impressive maximum capacity of 3,650 with the PC-409 Paper Feed Cabinet. Furthermore, the multi-bypass handles thick paper up to 210g/m², allowing greater output diversity.

Maximum capacity:

3,650 (80g/m²) with the optional PC-409 Paper Feed Cabinet

Compatible media:

60–90g/m² (main unit)/60–210g/m² (Multiple bypass tray)



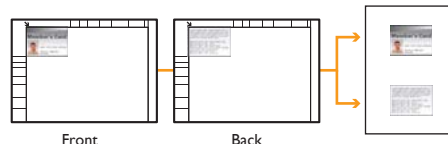
More Copy and Print Functions

Booklet Copy & Print

Direct Print from USB Memory Device

*Optional EK-604 or EK-605 Local Interface Kit required (ITEC 363/283/223).

Card Copy



Print & Save Files from Mobile Devices (Bluetooth)

*Optional HD-516 HDD required (ITEC 363/283/223).

IPv6 Compatible



All of the ITEC B423 series' exceptional functionality doesn't mean a thing without powerful security measures to ensure that information stays safe and in control.

Biometric Authentication

Highly efficient and secure, biometric authentication scans the unique finger veins of each user. This authentication method eliminates the need for cards and passwords which have to be renewed periodically and could be



forgotten, reducing the burden on administrators.

*Optional AU-102 Authentication Unit is required.

Non-contact IC Card Authentication

This method quickly authenticates users. And since pre-existing employee ID cards can also be used, there is no added burden on the user. IC cards can also be used to authenticate entry into certain



rooms or floors for an even higher level of security.

*Optional AU-201 Authentication Unit is required.

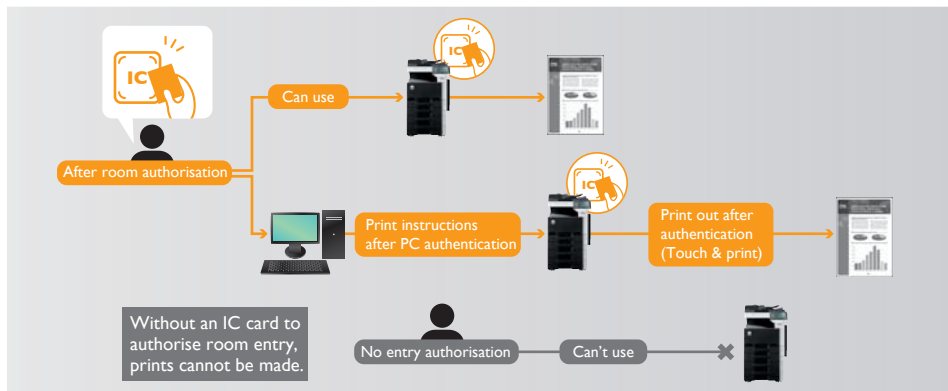
User Authentication

The ITEC B423 features an authentication system standard in the main body. Even in server-less environment, permissions can be set by user, department, etc. to control output, reducing unnecessary output and lowering TCO.

Copy Security (Copy Guard and Password Copy)

With Copy Guard, documents can be copied or printed with a special security pattern, preventing unauthorised copies. The Password Copy feature allows users to cancel this protection by entering a password before attempting to re-copy the document.

*Optional SC-507 Security Kit is required.



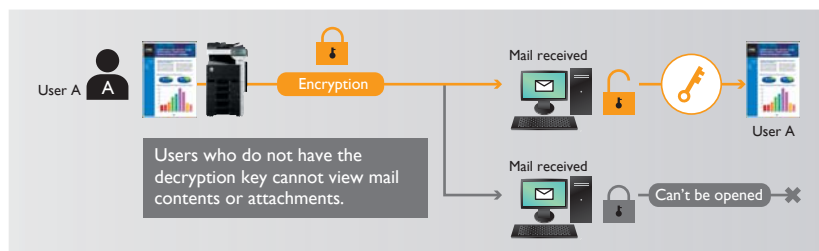
B423 / B363 / B283 / B223

More Security Features

- Fax Security
- NDS Authentication over TCP/IP
- HDD Lock
- Scan to Me & Scan to Home
- IEEE 802.1X Compatibility
- HDD Encryption
- Random Erase Formatting
- Job Log
- POP before SMTP
- HDD Auto Deletion

Encrypted PDF Function

*Optional HD-516 HDD required (ITEC B363/B283/B223).



Device Management

PAGE SCOPE Enterprise Suite

Developed to control costs by streamlining the process of device and administrative management, the web-based PageScope Enterprise Suite* consists of five modules that simplify once time-consuming tasks such as centralising collection of counter data, restricting user privileges, and configuring and managing user panels. *Optional HD-516 HDD required (ITEC B363/B283/B223).

PAGE SCOPE Authentication Manager

Controls authentication data for multiple MFPs on a network and enables the simple and efficient setting of authentication data for each user. This helps to integrate and streamline user management.

PAGE SCOPE Account Manager

Enables aggregate analysis and management of network devices. Analysing detailed usage conditions, estimating costs, and graphing the aggregate results help to reduce unnecessary costs and to manage costs on a group basis.

PAGE SCOPE My Panel Manager

Customises the control panel setting for each user, and simultaneously stores the customised settings in multiple devices.

PAGE SCOPE Net Care Device Manager

This freeware application allows system administrators to efficiently create initial settings for devices managed by PSES, and streamlines device control.

PAGE SCOPE My Print Manager*

Facilitates printing by enabling documents to be released from any managed device, eliminating the need to check for the nearest device when sending a print job. *When authenticating users.

ITEC B423/B363/B283/B223 General Specifications

Type	Desktop	
Colour Support	Monochrome	
Copy Resolution	Scan	Main: 600dpi x Sub: 600dpi
	Print	Main: 1,800dpi equiv. x Sub: 600dpi
Gradation	256	
Memory Capacity (Std./Max.)	2048MB	
HDD	250GB (B423: Standard, B363, B283, B223: Option)	
Original Type	Sheets, Books, Objects	
Max. Original Size	A3 (11" x 17")	
Output Size	A3 to A5, B6S ¹ , A6S ¹ Thick Paper	
Image Loss	Max. 4.2mm or less for top edge, Max. 3.0mm or less for bottom edge, Max. 3.0mm or less for right/left edges	
Warm-Up Time (main power on / off)	12 sec. / 30 sec. Without HDD: 12 sec. / 25 sec. (363, 283, 223 only)	
First Copy Time (A4 Crosswise)	B423, B363:	3.6 sec.
	B283, B223:	4.2 sec.
Copy Speed (A4 Crosswise)	B423:	42 ppm, B363: 36 ppm, B283: 28 ppm, B223: 22 ppm
	B283:	28 ppm, B223: 22 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 (80g/m ² paper)	500 sheets x2 trays (main unit), 150 sheets (Multiple Bypass Tray)	
Paper Weight	Tray 1 - 2	60 - 90g/m ²
	Multiple Bypass Tray	60 - 210g/m ²
Multiple Copy	1 - 9,999 sheets	
Auto Duplex	Type: Non-Stack Paper Size: Width/139.7-297mm (5.5"-11"), Length/158-431.8mm (6.25"-17") Paper Weight: 60-90g/m ²	
Power Requirements	AC220-240V 7A (50 to 60Hz)	
Max. Power Consumption	1.5kW or less	
Dimensions [W] x [D] x [H]	B423, B363: 623 x 799 x 816 mm, B283, B223: 623 x 794 x 700 mm	
Weight	B423, B363: 78kg, B283, B223: 66kg	

¹S: Short edge feed

Printer Specifications (Standard)

Type	Embedded	
CPU	MPC8533E (667MHz)	
Memory	Shared with the copier	
Print Speed	Same as Copy Speed (when using the same original)	
HDD	250GB (Shared with the copier) Optional B223/B283/B363	
Print Resolution	1,800dpi equiv. x 600dpi	
PDL	PCL5e/c, PCL XL, PostScript 3	
Protocol	TCP/IP, IPX/SPX (NDS support), SMB (Net BEUI), LPD, IPP1.1, SNMP, HTTP	
Support OS	Windows 2000 SP3/XP/XP 64bit/Vista/Vista 64bit/Win7 Server2003/Server2003 64bit/Server2008/Server2008 64bit Mac OS 9.2 (PPD)/X 10.2,3,4,5/10.4,5 Intel, Linux	
Fonts	PCL	80 European fonts
	PS	137 European Type1 fonts
Interface	10BASE-T/100BASE-TX/1000BASE-T	

System Options

Some products are not available in some areas.

- Authentication Unit AU-201
- Authentication Unit AU-102
- Fax Kit FK-508
- Mount Kit MK-726
- Key Counter Mount Kit 1
- Key Counter Mount Kit CF

- Job Separator JS-505
- Finisher FS-529
- Punch Kit PK-517
Attach to Finishers FS-527 for hole punching capability.
- Saddle Stitcher SD-509
Attaches to Finisher FS-527 for saddle stitching and half folding jobs.
- Staple Kit SK-602

- Original Cover OC-509
- Reverse Automatic Document Feeder DF-621
- Job Separator JS-603
- Finisher FS-527
A high-performance finisher that allows you to multi-staple up to 50 sheets.

- HDD Kit HD-516 (363/283/223)
- Spare TX Marker Stamp 2
- Local Interface Kit EK-604
- Local Interface Kit EK-605
- Security Kit SC-507
- Upgrade Kit UK-203
- i-Option LK-101
- i-Option LK-102
- i-Option LK-103
- i-Option LK-105

- Working Table WT-506
- Paper Feed Cabinet PC-409
Increases the bizhub's paper capacity by 2,500 sheets
- Pedestal
- Paper Feed Cabinet PC-109
Increases the paper capacity by 500 sheets x1
- Paper Feed Cabinet PC-208
Increases the paper capacity by 500 sheets x2

Product appearance, configuration and/or specifications are subject to change without notice.

Simitri and the Emperon logo are registered trademarks or trademarks of KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.
Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
Adobe and PostScript are registered trademarks or trademarks of Adobe Systems Incorporated.
All other brand and product names are registered trademarks or trademarks of their respective owners.



Ecology & Environment

KONICA MINOLTA manufactured copiers and multi-functional products are designed with the environment in mind.

- Energy Star
- Eco-conscious Toners
- RoHS Compliance
- Production at ISO Certified Factories
- WEEE Compliance



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).

011 784 1146

ITECOFFICE.CO.ZA

