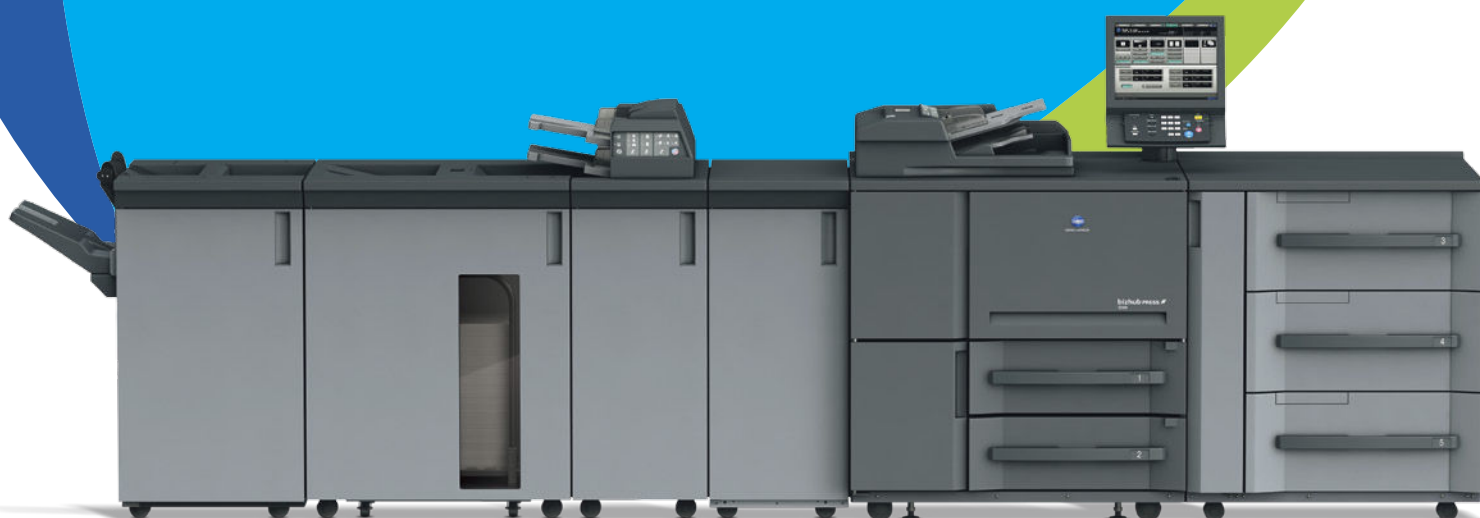


bizhub PRESS 1250e / 1250eP / 1052e

High volume digital monochrome print systems.
Fast. Reliable. Efficient.



The world of production print made easy

High volume quality you can depend on

When quality, reliability and satisfied customers matter, Konica Minolta's bizhub PRESS 1250e, PRESS 1250eP and PRESS 1052e offer you leading productivity and a better return for your investment.

Designed specifically for fast turnaround high volume environments, these systems are equipped to meet the varied needs of busy print businesses. With more finishing options and greater media flexibility, they meet the needs of more customers and take pressure off your bottom line. The bizhub PRESS 1250 and 1052 have picked up prestigious BLI Pro awards in the Outstanding Monochrome Light to Mid-Volume Production categories, recognition as the only systems in their class to earn BLI's 5 star rating for productivity.

Your best option for more options

When you demand optimum quality and versatility, and time and cost expectations remain unchanged, these technologically innovative print systems help you deliver and stay profitable. All while expanding your finishing repertoire, speeding up throughput and minimising overheads by reducing operator time and energy use.

The newly introduced paper jam purge functionality ensures operators can quickly correct misfeeds with minimum delays to printing.

The new third party support kit allows seamless connection to several third party pre and post processing systems, the first of its kind on a Konica Minolta production print system.



bizhub PRESS 1250

125 ipm A4

bizhub PRESS 1250P (print only)

125 ipm A4



bizhub PRESS 1052

105 ipm A4



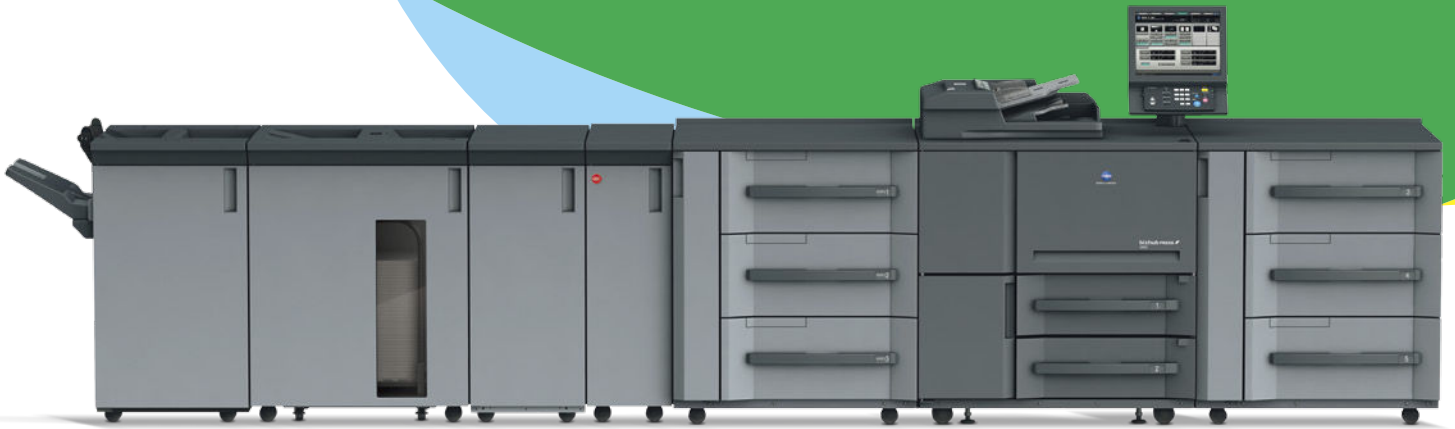
bizhub PRESS
1052e

Consistent image quality

1,200 x 1,200 dpi high speed reproduction

Customers judge your business on the quality of the finished job. They want it fast and expect outstanding quality at the same time. The bizhub PRESS 1250e, 1250eP and 1052e deliver on time, every time. These systems output at 1,200 x 1,200 dpi for smooth and well defined halftones with crisp, clear fine text. They also provide enhanced reproduction on a wide variety of media stocks including embossed and thin paper stocks.

Crucially, they are equipped with the latest LED print head and Fuser NIP technology. These features ensure reliable full speed output across a wide range of media from a light 40 gsm up to 216 gsm on heavier card stocks. You also have the flexibility to run up to 350 gsm on an extensive range of stocks.



Faster turnaround with RIP times cut in half

All systems feature Konica Minolta's latest 250 GB HDD Print Controller with upgraded processing technology, which reduces average RIP times by up to 50%. This helps you get print jobs flowing faster without sacrificing operator control resources.

CIE colour space and tone curve utility give the operator the choice to preset tone curves or easily edit their own, as well as screen angles and dot shapes. These can then be set as a default or stored separately on the RIP for later use.

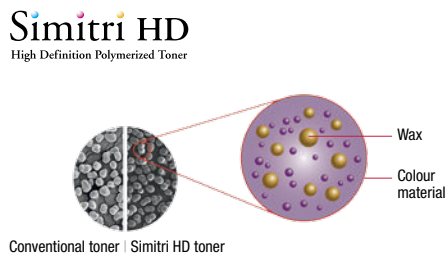
The embedded print controller also offers an expanded range of seven screen patterns and an enhanced operator interface with improved job scheduler, on-screen job list management and job ticket editing. The wide range of supported applications extends into third party software, including MS Office, eCopy scanning solution, Equitrac and Safe Q authentication for billing and pull print solutions.

The results are fewer delays, smarter job management, reduced operator hours, increased time and cost savings and ensuring customer deadlines are easily met.

Performance that is simple to maintain

These systems stay hard at work for your print operation with the availability of an Operator Replaceable Unit Maintenance (ORUM) Program. An innovative design for long life consumables allow the operator to make on the fly replacement. ORUM units allow user maintenance as and when required, reducing downtime. To further improve runtime, these monochrome systems can be configured with eight paper trays, which hold up to a total of 14,000 sheets, so you can run multiple jobs continuously and manage longer runs more efficiently. Tandem print functionality is available when the same bizhub PRESS systems are installed on site, increasing output to a possible 250 ipm.

The bizhub PRESS monochrome series features Simitri HD toner.



This Konica Minolta leading innovation, helps to reduce energy consumption and improve reproduction quality. Designed to adhere to the media at a lower temperature, it reduces the heat normally required by as much as 15%. This results in energy saving and improves reliability by reducing paper curling and paper stress.

With print quality on coated and other paper media greatly improved, Simitri HD toner's ultra-fine carrier particles enable smoother images at both low and high density levels, on images and text. The text is sharper and Simitri HD's higher purity delivers dependable image quality and consistent output.



More media flexibility and choice

These systems are designed to meet your customers' demands for greater versatility and flexibility. You can run media at 40 gsm to 216 gsm at the full-rated output speed. They can comfortably handle heavier stocks up to 350 gsm and enable duplex printing on a wide variety of media up to 300 gsm, with stackless duplex high productivity technologies.

The newly developed print position adjustment by Scanner helps speed up the set up process for most jobs, making it easier to produce perfect results on the printed sheet.

SRA3 extends your output options

All paper trays accommodate SRA3, so you can produce full bleed brochures and booklets. Support for lighter stocks is greatly enhanced and process speed adjustments can be easily made for different paper types, including high quality, normal, book and newspaper, using the advanced paper catalogue.

Hard working features for high volume environments

Faster print speed

125 ipm A4 (bizhub PRESS 1250e/1250eP)
105 ipm A4 (bizhub PRESS 1052e).

1,200 x 1,200 dpi

LED print head technology for image reliability and quality.

New all-in-one finisher FS-532

New cut staple finisher, with optional units available for booklet and fold capabilities.

Larger 15 inch operator panel

Extra large colour operator panel with user-defined screen settings.

Scheduled queue management

Prioritise and manage print jobs with ease.

Simitri HD toner

Deep blacks, smooth halftones and precise type.

Faster turnaround

RIP times reduced by up to 50%.

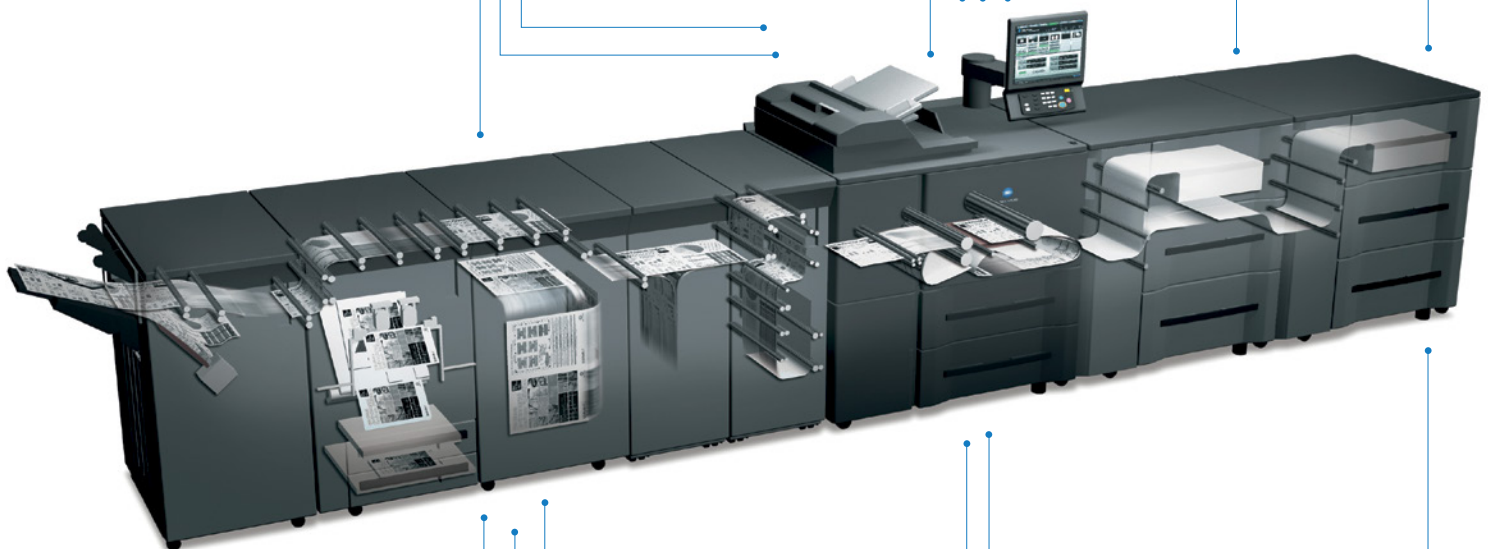
Multi-sheet detection sensor

Relieves paper misfeed issues.

Massive sheet capacity

Up to 18,000 sheets*

*Requires 3 x PF-703 Paper Feed Units



Paper misfeed purge functionality

Misfeeds are automatically ejected from the system, reducing delays to printing.

Low energy Fuser NIP technology

Reduces power consumption and increases print speed.

Long life consumables

Consumables are easy to replace on the fly, increasing operation time.

ORUM

Operator Replaceable units
Maintenance - Reduces downtime.

Best in class paper weight range

40 gsm to 350 gsm simplex,
50 gsm to 300 gsm duplex.

Paper skew detection sensor

Minimises image page position issues.

*Note the bizhub 1250eP does not offer scan functionality and is not equipped with an in-built scanner

Extend your finishing options

The bizhub PRESS 1250e, 1250eP and 1052e can be equipped with a wide range of finishing options that offer the versatility and diversity you need to help broaden the types of output you can create. These include a time saving GP-502 auto ring binder and the PB-503 perfect binder to meet the increasing demand for professionally bound brochures and books. Invoicing and direct mail jobs can be made even more profitable with the new EF-102* envelope fuser kit, designed for trouble free envelope printing.

* EF-102 is an option that can be exchanged by the operator.

You can also choose the popular FS-532 all-in-one compact finisher. It combines up to four finishing units in a compact footprint to save valuable space with leading finishing capabilities, while saving on off-line finishing time and costs. The unit can be configured to meet the majority of finishing needs.

FS-532 all-in-one staple finishing unit and options

The base staple finisher has an output capacity of 4,200 A4 sheets and 2,000 SRA3 sheets at 80 gsm. Capable of up to 100 sheet perfect stapling, it offers two-point, front corner parallel or 45 degree rear corner stapling.

The following three finishing modules (SD-510 / PI-502 / PK-522) may also be added to meet your requirements on the all-in one finisher.



corner stapling & two-point stapling



auto-shift sorting



variable staple length



colour sheet & cover insertion, booklet

Perfect binding unit PB-503

This gives you the capability to produce glue bound books up to 30 mm thick with in-line cover trimming. There are flexible cover options with the integrated cover tray to hold up to 1,000 pre-printed covers, simplex and duplex cover printing, and on-cover printing from all paper trays. This also enables insertion of Z-folded or pre-printed colour sheets into bound books.*

* FD-503 option is required to complete the Z-fold



perfect binder & perfect binder z-fold



z-fold



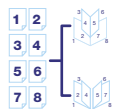
trolley stacker for perfect bound books



perfect binder colour cover & sheet insertion

Saddle stitch unit SD-510

For booklets up to 20 sheets (80 gsm) or 24 sheets (60 gsm). It handles 50–216 gsm content sheets with cover sheets up to 300 gsm. This unit also enables multi letter fold-in and multi half-fold, both up to five sheets.



multi letter fold-in



multi half-fold, booklet folding & saddle stitching



colour cover insertion, booklet

Envelope kit EF-102

Add envelope printing to your product list with this unique optional kit that enables reliable envelope printing capabilities. It includes a dedicated swappable envelope-only fixing unit and paper tray adapter.



envelope system

Post inserter PI-502

Has the capacity to post insert 2 x 200 sheets, enabling post insertion of pre-printed sheets and cover stocks.



colour cover insertion, report



colour sheet insertion, report

Multi-punching unit GP-501

Runs at full system speed with a variety of die sets, including velo-bind, plastic comb, wire bind, colour coil, pro click, two and four hole as well as customised die capabilities.



smart punching

Punch kit PK-522

Gives you the choice of two- or four-hole punching, on sheet sizes from A5 to A3.



two-hole & four-hole punching

Auto ring binding unit GP-502

Makes producing ring bound books and presentations of up to 102 sheets quick and simple, with its fully automated 'one size fits all' ring bind strip.



ring binding

Extend your capabilities

Expanded capability includes a massive paper capacity of up to 18,000 sheets when combining three PF-703 units to the one system.

Our comprehensive range of options include:

Paper feed unit PF-703

Air suction feeding for up to 5,000 sheets (40-350 gsm) up to SRA3 from three trays. A heating unit HT-506 is included as standard with PG-703 and improves reliability of coated stocks in all environments.



one/two-sided printing/duplex



mixplex one/two-sided during operation



combined mixplex/mixmedia from different trays



colour cover insertion, booklet

Paper feed unit PF-706

Increases capacity up to 6,000 sheets with airflow separation for improved paper feed reliability on a wide range of media. A heating unit is also included as standard with PF-706, improving reliability of coated stocks in all environments.



one/two-sided printing/duplex



mixplex one/two-sided during operation



combined mixplex/mixmedia from different trays



colour cover insertion, booklet

Folding and punching unit FD-503

Makes inserting easy with six different folding modules, two and four hole punching and post insertion of pre-printed media from two paper trays.



colour sheet & cover insertion, booklet



two-hole & four-hole punching



half fold, letter fold-in, letter fold-out & gate-fold



z-fold & double parallel-fold

Stacking units LS-505 & LS-506

This 5,000 sheet trolley stacking systems allow efficient control of flat sheet output, which is critical for off-line finishing without drying or cooling delays.



trolley stacker



off-set stacking

Booklet making unit SD-506

Produces up to 200 page booklets (50 sheets) with fore-edge trimming. It allows flexible insertion of cover and content sheets and adjustable staple positions. It can work with customised and standard paper formats, as well as giving you the ability to combine different paper types and covers. Features auto multi half-fold and multi letter fold.



trimming



multi letter fold-in



multi half-fold, booklet folding & saddle stitching



perfect binder colour cover & sheet insertion

Advanced Booklet Finishing System SD-513

Booklet making for up to 50 sheets (200 pages) on low paper weight 4 staples possible on the booklet bind.

Multi letter fold in multi half fold (up to 5 sheets).

Options for SD-513:

FD-504: Spine Corner Forming Unit with 5 strength settings

TU-503: Top and Bottom trimming Unit

CR-101: Creasing for Booklet and flat sheet, up to four creases down the sheet.



Multi-centre-fold



Multi-tri-fold



Saddle Stitching (2 and 4 point stitching)



Trimming



Double Edge Trimming



Square Fold



Creasing

Relay unit RU-509 / Humidifier HM-102

The RU-509 is equipped with an advanced mechanical de-curler system as standard with five adjustable de-curling strengths incorporated into the paper tray setting. An optional humidifier type de-curler removes unwanted heat and static for accurate flat paper output.



de-curler system

Relay unit RU-510

Equipped with sheet turning and multi-sheet function for use with bizhub PRESS 1250 and when adding GP-501/502 or PI-PFU to the required system.



sheet turn & multi-sheet function

Post Inserter Feed Unit PI-PFU

This high capacity 3 tray sheet insertion unit holds 5,000 sheets, reducing time to replenish paper stock. Reliable feeding is assured with air suction feeding.



colour cover insertion, booklet

Third Party Support Kit MK-737

Enables users to seamlessly connect to third party pre and post processing systems.



Technical specifications

Printer specifications	bizhub PRESS 1250e/1250eP	bizhub PRESS 1052e
Print speed A4	Up to 125 ipm Up to 7,500 iph	Up to 105 ipm Up to 6,300 iph
Print Speed A3	Up to 70 ipm Up to 4,200 iph	Up to 60 ipm Up to 3,600 ipm
Print resolution	1,200 x 1,200 dpi	
System specifications		
Paper weight	Standard 40-350 gsm, Duplex 50-300 gsm	
Duplex unit	Non stacking type	
Paper sizes	A5 to SRA3: Min. 182 x 139 mm, Max. 324 x 463 mm Optional: Min. 95 x 139 mm. Max. 324 x 483 mm (Requires PF-703)	
Maximum image area	Standard: 314 x 463 mm. Optional: 314 x 483 mm	
Paper input capacity	Max: 18,000 sheets; Multiple PF feed units are possible in one system configuration, Main unit: up to 3,000 sheets, PF-703: up to 5,000 sheets, PF-706: up to 6,000 sheets	
Paper output capacity	14,800 sheets. Large stacker with trolley: 5,000 sheets. Finisher tray: 4,200 sheets. Per sub tray: 200 sheets	

Controller specifications

Embedded controller	
Embedded controller CP	Pentium G6950 2.8GHz
RAM	2 GB
HDD	250 GB
Interface	Ethernet (10/100/1,000-Base-T) with IPv6
Page description languages	PCL 5e / XL (PCL 6), Adobe PS 3, TIFF, PDF
Printer drivers	Windows Vista (32 / 64), 2000 / XP / Server 2003, MAC OS 10.2, 10.4, 10.5

Scanner specifications*

Scan speed A4	Up to 105 opm, Up to 6,300 oph
Scan speed A3	Up to 60 opm, Up to 3,600 oph
Scan resolution	600 dpi / 400 dpi / 300 dpi
Scan modes	Twain scan, Scan-to-HDD, Scan-to-FTP, Scan-to-SMB, Scan-to-email

Copier specifications**

	bizhub PRESS 1250e/1250eP	bizhub PRESS 1052e
Copy speed A4	Up to 125 cpm	Up to 105 cpm
Copy speed A3	Up to 70 cpm	Up to 60 cpm
Copy resolution	600 x 600 dpi	
Gradations	256 gradations	
FCOT/First Print	Less than 2.8 secs (A4 LEF)	
Magnification	25-400% in 0.1% steps	

** Copying not available on bizub PRESS 1250eP

Accessories

Paper feed unit PF-703	3 trays with air suction feeding. Paper capacity: up to 5,000 sheets. Paper weight: 40-350 gsm. Standard paper sizes: A5 to SRA3. Min. paper size: 95 x 139 mm. Max. paper size: 324 x 463 mm
Paper feed unit PF-706	3 trays with roller feeding. Paper capacity: up to 6,000 sheets. Paper weight: 40-350 gsm. Standard paper sizes: A5 to SRA3. Min. paper size: 95 x 139 mm. Max. paper size: 324 x 463 mm
Post Insert Feed Unit PI-PFU	3 trays with air suction feeding. Paper capacity: up to 5,000 sheets. Paper weight: 40-350 gsm. Designed for pre-printed media for post fuser inserting
Relay unit RU-509	Relay unit for BH-1250 and GP-501. Sheet turning and combination function. Paper weight: 40-350 gsm
Humidifier HM-102	Paper curl and static eliminator. Option only for RU-509
Relay unit RU-510	Relay unit for GP-502 or PI- feed unit, Paper weight: 40-350 gsm
Folding and punching unit FD-503	Pre-printed sheet insertion (PI): 2 PI trays for 500 sheets each Punching (2- and 4-hole). Folding (half-fold, z-fold, gate-fold, letter fold-in, letter fold-out, double parallel fold). Sub tray for up to 200 sheets
Booklet making unit SD-506	Booklet making of up to 50 sheets (200 images). Saddle stitching, trimming. Output tray for up to 50 booklets. Sub tray for up to 200 sheets. Multi letter fold-in (up to 5 sheets). Multi half fold (up to 5 sheets)
Saddle Stitcher Finisher SD-513	Booklet making for up to 50 sheets (200 pages) on low paper weight. 4 staples possible on the booklet bind. Multi letter fold in multi half fold (up to 5 sheets). Options for SD-513: FD-504: Spine Corner Forming Unit with 5 strength settings TU-503: Top and Bottom trimming unit CR-101: Creasing for Booklet and flat sheet, up to four creases down the sheet.
Stacking units LS-505 / LS-506	Up to 5,000 sheets stacking capacity. Two units can be installed as a tandem. Up to 10,000 sheets stacking capacity. Trolley mounted stacker. Auto-shift stacking, sub tray for up to 200 sheets, paper clamp mechanism
Perfect binding unit PB-503	Trolley based output of perfect bound books. Book stacking capacity. Output tray: 3,300 sheets. Trolley: 3,300 sheets
Smart punching unit GP-501	Smart punching of A4 sheets. User replaceable die sets for velo bind, plastic comb, wire bind, colour coil, pro click. Paper weight: 75-216 gsm
Auto ring binder unit GP-502	Automatic ring binder, 7-102 Sheets. Paper weight: 75-216 gsm. A4 and letter size sheets. Media: Plain, high quality and coated paper as well as tab support
Stapling unit FS-532	Stapling of up to 100 sheets, 2-point and corner stapling. Variable staple length (cutting mechanism). Output for up to 4,200 sheets. Sub tray for up to 200 sheets. Off-set shift sorting and grouping
Saddle stitch unit SD-510 (FS-532 required)	Booklet making of up to 20 sheets (80 images). Saddle stitching output tray up to 35 booklets. Centre staple, half-fold and tri-fold. Multi letter fold-in up to 5 sheets. Multi half-fold up to 5 sheets
Post inserter PI-502 (FS-532 required)	200 sheets x 2 trays. Paper weight: 50-300 gsm
Punch kit PK-522 (FS-532 required)	(Required to be fitted to FS-532). Two or four hole punch selectable. Paper weight: 75-216 gsm

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

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Konica Minolta copiers and multifunction devices are designed with the environment in mind.



- Have earned ENERGY STAR for energy efficiency
- The use of recycled materials
- Production at ISO-Certified Factories

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

ISO15408 (EAL Level 3) Certification



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

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



Requirements for safe use

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

Konica Minolta Business Solutions Australia Pty Ltd
Free call 1800 789 389 konicaminolta.com.au



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