KONICA MINOLTA
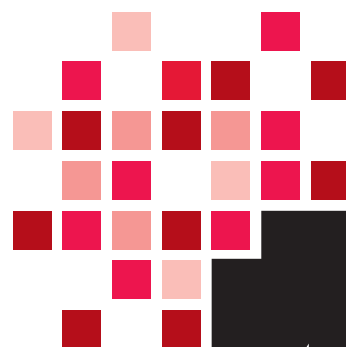
bizhub PRESS 1250 / 1052

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

bizhub PRESS

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 1250 and bizhub PRESS 1052 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 a busy print business. With more finishing options and greater media flexibility, they deliver the needs of more customers and take pressure off your bottom line.

bizhub PRESS 1250
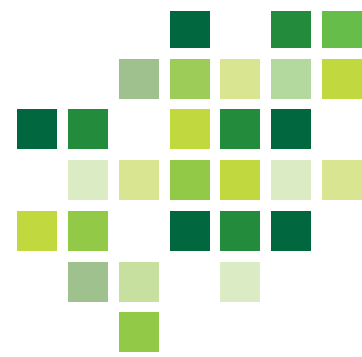125 ipm A4

bizhub PRESS 1052
105 ipm A4

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.

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 1250 and bizhub PRESS 1052 deliver on time, every time. Both 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.
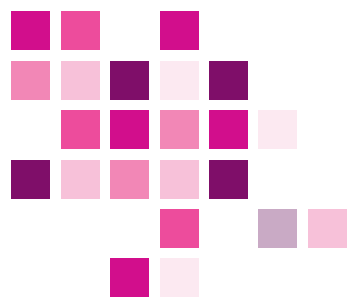
Faster turnaround with **RIP times cut in half.**

Both 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 new 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 (including PageScope and TWAIN drivers) extends into third party software, including MS Office, eCopy scanning solution, Equitrac and Safe Q authentication for billing and pull print solutions.
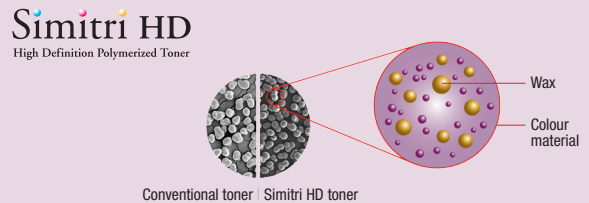
The results are fewer delays, smarter job management, reduced operator hours, increased time and cost savings and ensuring customer deadlines are easily met.

Performance that is **simple to maintain.**

Konica Minolta developed Operator Replaceable Unit Maintenance (ORUM) to ensure these devices stay hard at work for your print operation. 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, both the bizhub PRESS 1250 and

bizhub PRESS 1052 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 1250 and bizhub PRESS 1052 both feature 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 is 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.
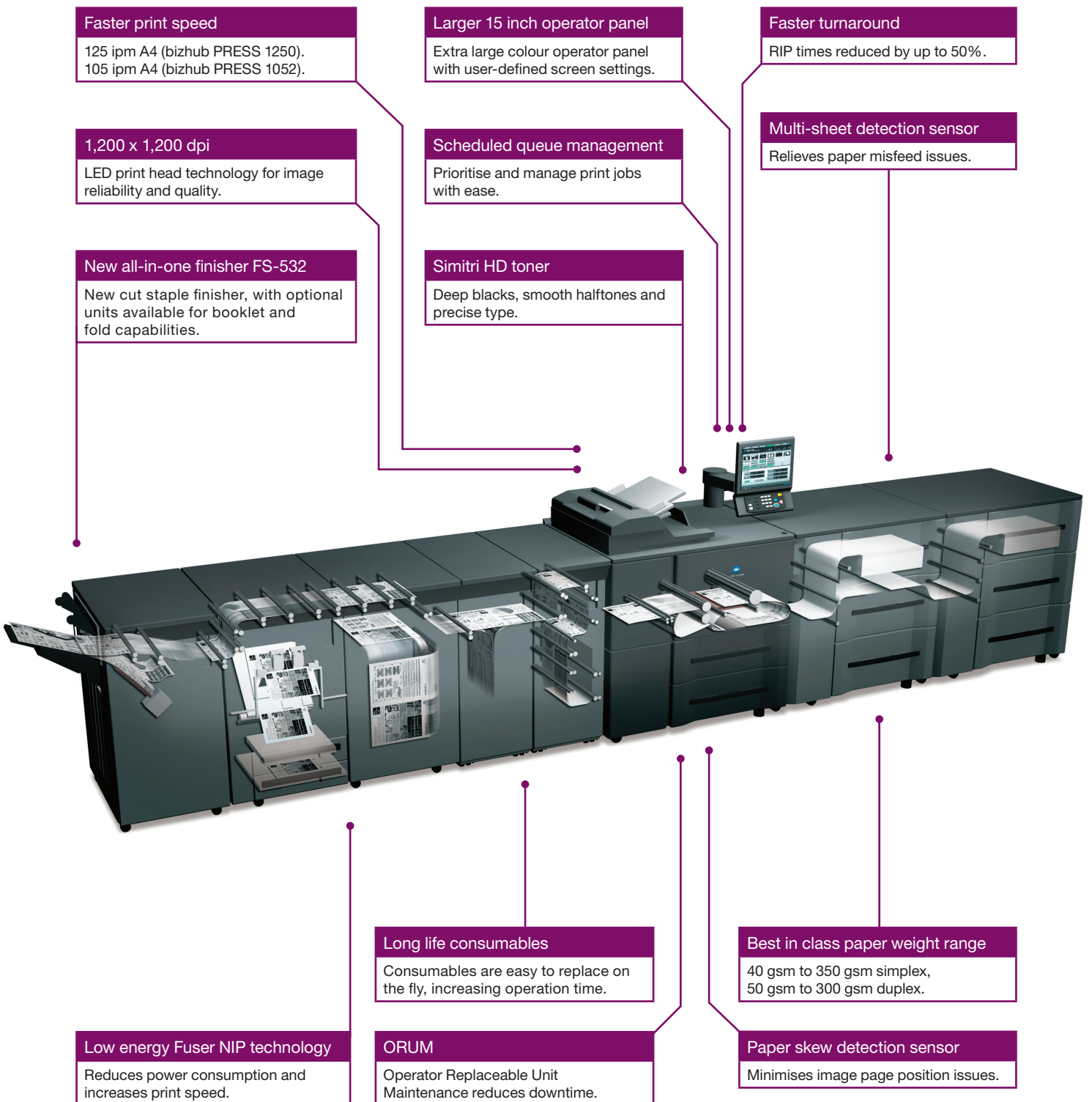
SRA3 extends your output options.

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 1250).
105 ipm A4 (bizhub PRESS 1052).

Larger 15 inch operator panel

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

Faster turnaround

RIP times reduced by up to 50%.

1,200 x 1,200 dpi

LED print head technology for image reliability and quality.

Scheduled queue management

Prioritise and manage print jobs with ease.

Multi-sheet detection sensor

Relieves paper misfeed issues.

New all-in-one finisher FS-532

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

Simitri HD toner

Deep blacks, smooth halftones and precise type.

Long life consumables

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

Best in class paper weight range

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

Low energy Fuser NIP technology

Reduces power consumption and increases print speed.

ORUM

Operator Replaceable Unit Maintenance reduces downtime.

Paper skew detection sensor

Minimises image page position issues.

bizhub PRESS

Extend your **finishing options.**

The bizhub PRESS 1250 and bizhub PRESS 1052 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.
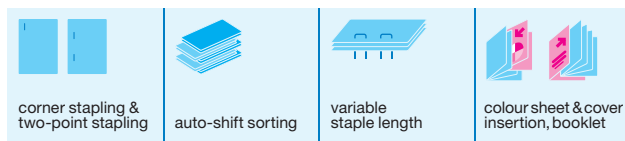
* EF-102 is an option that can be exchanged

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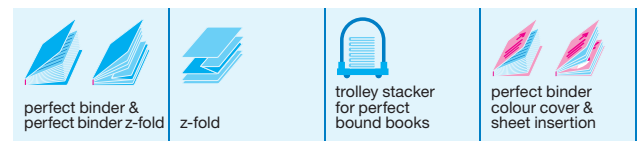The following three finishing modules (SD-510 / PI-502 / PK-522) may also be added to meet your requirements on the all-in one finisher.

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

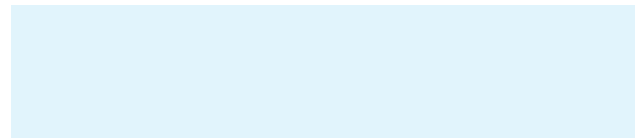| perfect binder & perfect binder z-fold	z-fold	trolley stacker for perfect bound books	perfect binder colour cover & sheet insertion

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.

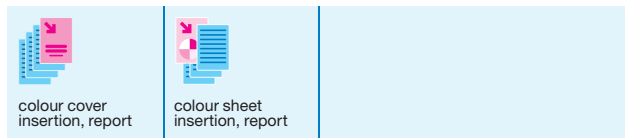| multi letter fold-in	multi half-fold, booklet folding & saddle stitching	colour cover insertion, booklet

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.
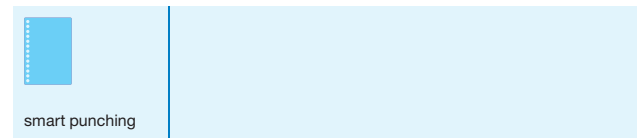
Post inserter PI-502
Has the capacity to post insert 2 x 200 sheets, enabling post insertion of pre-printed sheets and cover stocks.

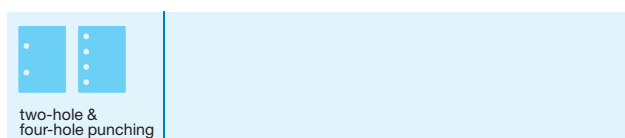| colour cover insertion, report	colour sheet insertion, report	

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.
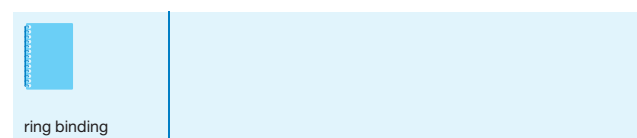
smart punching

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.**

The extended range of paper and finishing 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. Optional heating unit HT-505 improves reliability of coated stocks in all environments.

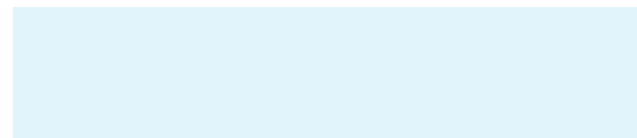| one/two-sided printing/duplex	mixplex one/two-sided during operation	combined mixplex/mixmedia from different trays	colour cover insertion, booklet

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.

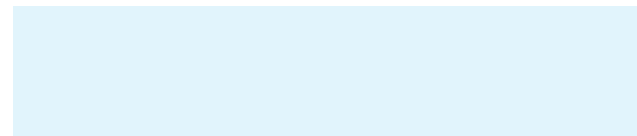| one/two-sided printing/duplex	mixplex one/two-sided during operation	combined mixplex/mixmedia from different trays	

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 unit LS-505
This 5,000 sheet trolley stacking system allows 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

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.

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.

Technical specifications.

Printer Specifications

Printer Specifications	bizhub PRESS 1250	bizhub PRESS 1052
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 3,600 iph	Up to 60 ipm Up to 4,200 ipm
Print resolution	1,200 x 1,200 dpi	
Gradations	Up to 256 levels	

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: 14,000 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
Maximum output capacity	14,800 sheets. Large stacker with trolley: 5,000 sheets. Finisher tray: 4,200 sheets. Per sub tray: 200 sheets
Warm-up time	Less than 420 secs
Main unit dimensions (W x D x H)	990 x 780 x 1,233 mm
Main unit weight	Approx. 375 kg

Controller Specifications

Type	Embedded controller
Embedded controller CPU	Pentium G69050 2.8 GHz
RAM	2 GB
HDD	250 GB
Interface	Ethernet (10 / 100 / 1,000 Base-T), 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
Scan formats	PDF, TIFF, Secured PDF, XPS

Copier Specifications

Copier Specifications	bizhub PRESS 1250	bizhub PRESS 1052
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	Less than 2.8 secs (A4 LEF)	
Magnification	25-400% in 0.1% steps	
Multiple copies	1-9,999	

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 (Can also be attached as post insertion unit)
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
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)
Stacking unit LS-505	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 3 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

– The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
– The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4).
The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
– Some of the product illustrations contain optional accessories.
– Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
– Konica Minolta does not warrant that any prices or specifications mentioned will be error free.
– All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

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.

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