



KONICA MINOLTA

bizhub PRO 951

Entry-level production, high-level dependability



bizhub PRO 951

B/W PRODUCTION PRINTING SYSTEM

Giving Shape to Ideas



HIGH QUALITY PRINTING WITH EXTRA VERSATILITY

▀ Pioneering eco-awareness and cost precision

The bizhub PRO 951 incorporates a world-proven and absolutely sturdy design, delivering high performance output, both in terms of volume and quality. It comes with a full range of inline finishing options, placing advanced Konica Minolta technologies at your fingertips to enhance black and white print quality. You too can gain from a compelling range of benefits that make the bizhub PRO 951 the obvious choice for companies seeking an edge in digital printing.

- In terms of production speed, **the bizhub PRO 951 delivers a reliable output of 95 A4 pages per minute** harnessed to an identical scanning performance with resolutions of up to 1,200 dpi: this is a unit which can dependably produce high monthly print volumes from 80,000 to anything up to 300,000 prints. Internal and external print providers share the same benefits: the bizhub PRO 951's impressive scanning versatility and absolute reliability is there when you need it; production is peaking. All of which translates into enhanced overall productivity and boosted customer satisfaction.
 - **High speed RIP and overall productivity capabilities** are the guarantees for extremely short turnarounds, again making the bizhub PRO 951 attractive where high priority jobs are on the schedule. Tight and rapidly changing deadlines are no longer a problem for either in-house printers or contract printers: the opposite is the case. You have an opportunity to use additional capacities to open up new business opportunities.
 - **The bizhub PRO 951 printer boasts impressive media flexibility** in combination with an extensive choice of finishing alternatives. It is a combination which eliminates the need for time-consuming equipment set-up and enables almost instant production of a wide range of print products of professional high quality.
- As a print provider you have the advantage of being completely independent of offline and manual finishing work gaining not only reduced production costs but also freeing up valuable manpower.
- As an **ideal entry product into the world of professional digital black and white printing**, the bizhub PRO 951 paves the way for novel business opportunities. The magic words here are "printing on demand". Digital printing offers a degree of previously unheard of flexibility, with production exactly according to quantity specifications. This saves both time and money and helps cut overall costs by reducing the need for storage space and minimising waste caused by out-of-date print information.
 - **In keeping with Konica Minolta's corporate environment-promoting approach**, the bizhub PRO 951 processes Konica Minolta's proprietary and unique Simitri HD toner and implements other green technologies throughout its lifecycle. This is true from initial manufacture to end-of-life recycling – delivering a range of key benefits for eco-conscious print providers, as well as other associated organisations. The portfolio of print technologies helps minimise the environmental footprint while optimising your business' eco-performance – definite advantages in today's eco-focused society.

DIGITAL PRINTING IS THE WAY TO EFFICIENT GROWTH

Reliable productivity

The bizhub PRO 951 delivers the kind of dependability in productivity which gives customers ease of mind. With output rated at 95 A4 pages per minute (ppm), and an impressive speed of 55 A3 ppm, this unit delivers maximised performance combined with long-term production security even in the entry level to digital printing, also thanks to tools like CS Remote Care. Print providers can professionally meet today's demands for black and white print products: the bizhub PRO 951 is the robust production stepping stone to steady profitability.

Outstanding print quality

Outstanding quality even in the entry level of black and white printing is guaranteed by Konica Minolta's in-depth technologies including for example Simitri® HD polymerised toner for high precision output of text and lines, produced using a 1,200 x 1,200 dpi LED print head for reproductive consistency. The Tone Curve Utility tool provides operators with complete control and flexible optimisation of each and every print job. It is these great features which work with you and for you to deliver the best print output results and form the basis for long-term customer satisfaction.

Flexible finishing

The bizhub PRO 951 complements its print quality with an extensive variety of inline finishing options, including stapling and automatic ring binding, further supported by remarkable media flexibility (such as 300 gsm in duplex printing and optional 350 gsm from PFU trays). All are available in a modular concept which allows your system to be individually tailored to match your specifications. The bizhub PRO 951 resets the benchmark for flexibility. This is reflected in terms of reduced costs of labour and for external finishing, so that you can match customer requirements one-on-one.

Versatile operation

Get the best out of your bizhub PRO 951 thanks to intelligent choices in the implementation of software solutions. A range of interfaces allows full integration into existing data networks to generate data for detailed cost centre accounting or for example integration into a workflow solution for efficient queue management. The bizhub PRO 951 offers high levels of comfort and convenience, maximising ease of use and helping reduce not only labour but also hidden costs. This unit is equipped with all the competences needed to adapt and respond perfectly to today's demands.





bizhub PRO 951 TECHNOLOGY

The bizhub PRO 951 delivers success in print thanks to a wide choice of unique proprietary technologies which together ensure high definition images as the basis for top quality printouts. The image quality is truly consistent from the very first to the very last page, and from print job to print job. It is the ultimate guarantee of professional results able to persuade even the most demanding customers.

1,200 x 1,200 dpi LED print head

The bizhub PRO 951 is able to achieve two way 1,200 dpi resolutions due to the implementation of a state-of-the-art LED print head (LPH). It is this technology which is able to improve the reproducibility of even small fonts, while the high number of screen raster lines effectively smooths the reproduction of half tones.

Simitri® HD toner

Simitri® HD toner is a Konica Minolta in-house development which uses polymerised processing techniques to produce smaller, more consistently shaped particles to raise printing resolution. This polymerised toner also has a lower fixing temperature and helps reduce paper curls. And because fixing is oil-free, the result is a natural looking gloss with reduced glare producing an output of quality that rivals even that of offset printers. The toner material recipe contains around an approx. 10% biomass component helping reduce the environmental impact.



Belt transfer system

The bizhub PRO 951 is equipped with a state-of-the-art belt transfer system designed from scratch to improve the quality of images being transferred and also to improve paper feeding. The full-area adherence of the paper to the belt eliminates any gaps and ensures that the toner is consistently and fixed absolutely evenly on the belt.

User-defined screens for setting and Tone Curve Utility

The introduction of pre-defined setting masks (two types with three patterns each) plus choosing dot screen settings allows users to select the best screen for each specific print job. The print station also comes with a standard controller plus the proprietary Tone Curve Utility tool to help adjust and correct print data to better match customer specifications. These techniques allow for adjustment of image brightness and contrast over a wide range without affecting text to still deliver 100% density. The system allows individual customer settings to be stored and recalled as and when needed.

For jobs which involve reproduction of colour documents in black and white, the CIE colour space allows the operator to achieve highly accurate colour conversion by precise grey scale calibration and controlled collapse of shadowed areas.

Schedule management

The schedule management application implemented on the bizhub PRO 951 gives operators an overview of information needed to best handle all queued print jobs. The display includes all current outputs plus helpful detailed information including kind of paper in use and displays a timeline to indicate capacities. The operator can access updated and detailed overviews of suspended and reserved jobs.

Multi-sheet detection sensor

The paper feed unit supplying the central print engine is fitted with a multi-feed paper detection sensor that prevents unprinted blank sheets getting mixed in with the output sheets. The sensors use ultrasound technology to detect sheets being fed from all trays; if a blank sheet is detected printing is automatically suspended to prevent printing errors and wastage of high quality paper.

Paper skew detection sensor

The sensor installed to prevent paper skew measures the skew angle based on the time gap and the linear velocity of paper during transfer, and automatically stops printing as soon as the paper skew detected exceeds a pre-set limit. This pre-emptively prevents printing errors before they happen and shuts the door on post-processing problems before they even happen.

bizhub PRO 951

BUSINESS OPPORTUNITIES

The production print market is undergoing significant changes today. Accelerated by the recent economic downturn, the number of printing business is in decline, total print volume is decreasing and an increasing number of print applications are being transferred to electronic media.

Informed printing companies know that they need to grow their print business, increase profit margins and generate new revenues. To support customers in achieving this, Konica Minolta Business Solutions Europe has launched Digital1234; a comprehensive business development program that puts the focus upon the customer's needs to enable his business.

The key question is 'How can we enable your business today?' The solution to most business challenges can simply be answered with "by saving you money, increasing your profit, adding new services and making you more productive." The Digital1234 business building program has been designed for simplicity and encourages businesses to take an opportunity-based approach – to start driving a better business. Using four practical steps the customer is guided and coached on how to identify, assess, justify and implement new business opportunities.

The basic concept features these four steps, giving advice through the business process: Why should I invest in this opportunity? How can I fit this into my existing business? Who has experienced it and can tell me about it? What steps should I take to be successful with this new opportunity?

Starting with "why" for example, Digital1234 uses simple opportunity based papers written by credible industry partners who explore each business opportunity. The second step focuses upon the "how", by using simple assessment questions set by a panel of international and independent business experts.

The third step, the "who", describes the story behind the business success while the fourth step provides business resources for download to help customers prosper in their business, such as business focussed implementation guides written by industry consultants.

1234

DIGITAL1234
enabling your business

▀ Digital1234

The Digital1234 business development program is designed to encourage print businesses to focus on the opportunities to save money, increase profits, add new services and to improve productivity.

Using four practical steps the customer is guided and coached on how to identify, assess, justify and implement new business opportunities.

▣ Web to print

- In the past all print jobs were submitted and processed manually.
- With the rise of Internet usage, most printer businesses have recognised the value to offer customers a web portal where they can submit their print jobs.
- Web submission includes: uploading the print data, getting a price quote, getting a proof, tracking information on the status of the print job, automatic link to payment and administration, etc.
- Web to print allows customers to be online 24/7, to automate the print job submission process, improve efficiency, eliminate manual elements in the job submission process.

▣ Variable data printing

- What is most unique about digital printing?
 - You can customise every page within one print run!
- Web submission includes: uploading the print data, getting a price quote, getting a proof, tracking information on the status of the print job, automatic link to payment and administration, etc.



bizhub PRO 951

ENTRY-LEVEL UNIT WITH TOP-LEVEL PRODUCTIVITY

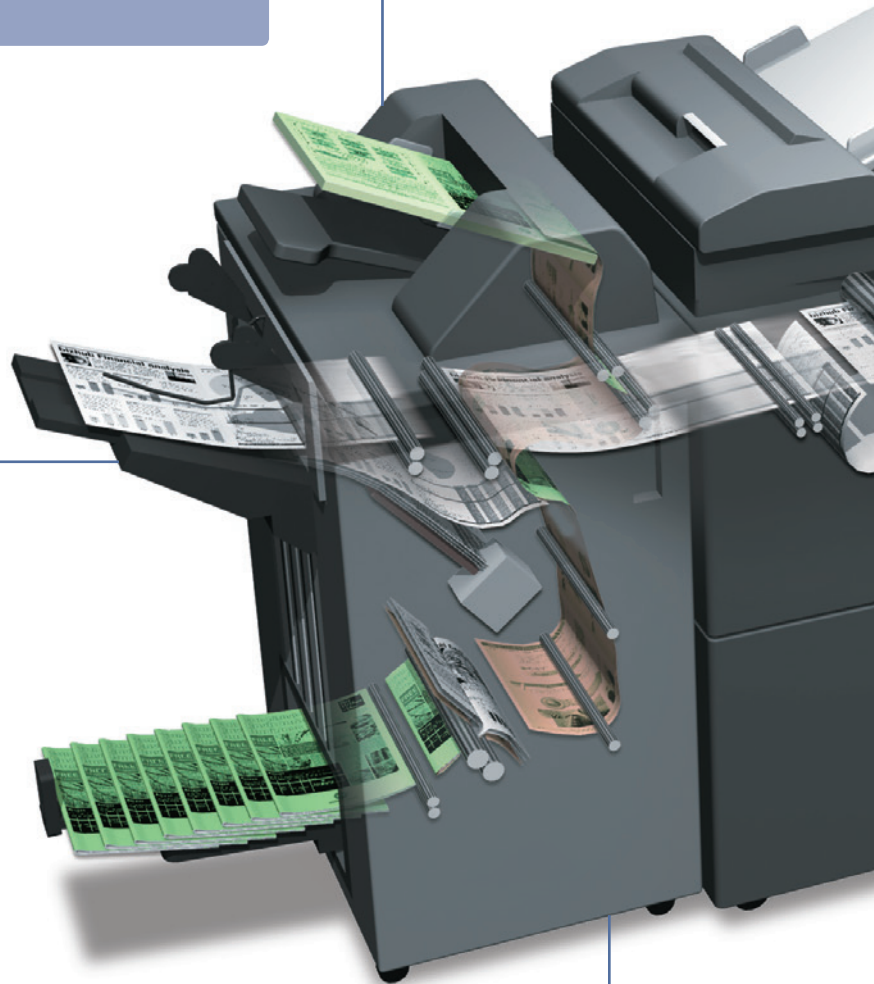


POST INSERTION

- Optional post insertion with two trays and up to 400 sheets input capacity

PAPER OUTPUT CAPACITY

- Up to 4,200 sheets
- Separate sub tray
- Separate tray for booklets



VARIOUS FINISHING ALTERNATIVES

- Optional booklet finisher for booklets of up to 20 sheets (80 pages); staple finisher with staple-cutting mechanism and stapling of up to 100 sheets; Z-fold/punching finisher, multi (GBC) punch finisher, auto-ring binder



TOUCH PANEL

- Very easy to use, full color touch screen, movable

POWERFUL CONTROLLER

- High speed RIP integrated for exceptional productivity

CHOICE OF PAPER UNITS

- LU-409: A4 large capacity cassette
- LU-410: SRA3 large capacity cassette
- PF-706: 3 tray paper feed unit

BLACK & WHITE PRINTER

- Up to 95 ppm A4 / 55 ppm A3
- Peak volume of 1.5 million prints
- 1,200 x 1,200 dpi print resolutions
- Duplex up to 300 gsm

TECHNOLOGY

- Simitri® HD Toner
- Enhanced Dmax settings
- Green technologies for high eco-consciousness



The bizhub PRO 951 stands out because of its truly outstanding RIP and print performance, delivering the kind of capabilities which help commercial printers and print providers keep up with continuous production demands and satisfy customer specifications. The controller is fitted out with the very latest Intel platform and fits directly into the main body.

▀ Optimised job processing

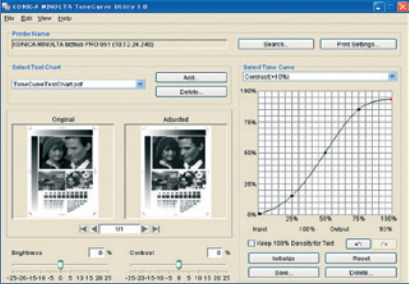
Featuring the kind of RIP speed previously unavailable in this class, the bizhub PRO 951 easily handles even the most comprehensive of jobs, and features JDF-JMF compliance to ensure full and easy integration into any working environment. This is optimised job processing at its very best, boasting the kind of capacities needed to produce high volumes in a minimum of time. Featuring outstanding CIE functionality, the controller enhances the reproduction of colour-based documents wherever necessary. RGB colour data are transposed into the CIE colour space to produce much finer grey scaling with high degrees of differentiation, far exceeding that achievable when printing colour data without transformation.


bizhub PRO 951 CONTROLLER

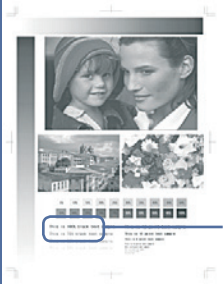
▀ Tone curve utility

Konica Minolta's unique Tone Curve Utility places a tool at your fingertips to help make intelligent RIP adjustments, such as screening and tone curves, along with the ability to customise the screening angle and dot shape. Operators have the choice of a variety of pre-defined tone curves and can quickly and simply create individual

curves using straightforward drag&drop functionality, e.g. setting customised profiles such as the controller default or storing them on the RIP ready for instant recall in the printer driver. It is this level of comprehensive functionality which means operators have complete and flexible control over print quality optimisation.







This is 100% black text
This is 75% black text

Printed using default tone curve

Printed using new tone curve

Reducing the maximum density does not affect the next which remains at 100% density.

▀ Paper catalogue

The paper catalogue is another feature of the bizhub PRO 951 that complements the device's other outstanding capabilities to maximise operational speed and efficiency. After programming the paper catalogue just one time, the operator needs no longer think about whether the paper type required for a specific job is stored. When preparing production, the operator simply selects the desired type of media from the paper catalogue. The functionality includes the option of allocating individual names to different types of paper, like "Corporate Blue". This is a way of speeding up recognition and raises the benchmark of user convenience even higher.



IMPRESSIVE VERSATILITY FROM A TO Z

There is no such thing as a simple production run – every production job has the expectation of professional handling of the printed product during all stages of the production processes, from the printing itself to sophisticated finishing – and as always, flexibility is the key! The bizhub PRO 951 is the embodiment of flexibility; it can be equipped with a selection of finishing options chosen from a comprehensive range covering entry level and versatile high-end finishers. The Konica Minolta black & white production system can be set to accommodate virtually all customer requirements thanks to e.g. numerous inline punching and stapling options, a selection of folding functions and a booklet builder.

Large capacity cassette A4, LU-409

Attaching the large capacity cassette LU-409 to the bizhub PRO 951 raises its paper capacity up to 7,500 sheets, along with the ability to process various types of media, with paper weights of between 40 and 300 gsm.



two-sided
printing/
duplex



one sided
printing



mixmedia
white/colour
sheets from
different
trays



mixplex one/
two sided -
during
operation



combined
mixplex/
mixmedia



Large capacity cassette SRA3, LU-410

When equipped with the large capacity cassette LU-410, the bizhub PRO 951 has an upgraded paper capacity of up to 7,000 sheets and is capable of printing on various types of media up to and including SRA3 format (324 x 483 mm) and handle paper weights from 40 through to 300 gsm.



two-sided
printing/
duplex



one sided
printing



mixmedia
white/colour
sheets from
different
trays



mixplex one/
two sided -
during
operation



combined
mixplex/
mixmedia



Paper feed unit PF-706

The large capacity paper feed unit PF-706 extends the bizhub PRO 951 paper capacity by adding three paper trays with capacities of up to 9,000 sheets and extends the media flexibility from 40 up to 350 gsm. Added flexibility comes from being able to feed all paper sizes from all trays.



two-sided
printing/
duplex



one sided
printing



mixmedia
white/colour
sheets from
different
trays



mixplex one/
two sided -
during
operation



combined
mixplex/
mixmedia



▀ ZU-608 Z-fold unit

The Z-fold and punch unit has the mechanicals to Z-fold A3 sheets and reduce them to A4 format. By adding the appropriate options, Z-folded sheets can then be punched and/or inserted into leaflets, extending your production range accordingly.



Four-hole punching



Two-hole punching



Z-fold



▀ Multi (GBC) punching unit GP-501

The multi-punching unit delivers you the kind of high performance multi-hole (GBC) punching capacity to process sheets at full system speed in the lead up to offline spiral binding. The system choices include a variety of die sets corresponding to most popular punching schemes, including metal-based coil (velo) and plastic (comb) binding.



Multi punching



▀ Auto-ring binder GP-502

The intelligent choice for customers who are looking for a unit to detect the right binding size and then bind sheets using a one-fits-all binding element. The GP-502 adds the ability to bind up to 102 sheets in one book, giving customers the production technology to produce high value documents in a very short time.



Ring binding



▀ Stapling unit FS-532

Equipping the bizhub PRO 951 with the FS-532 stapling unit gives customers a multi-position stapling system with the capabilities to produce manuals, reports and other extensive documentation with ease and dependability. This unit can staple up to 100 sheets at a speed able to match the bizhub PRO 951's production capacity and cuts the one-fits-all staple to size while processing. Auto-shift sorting and grouping is also available; this unit gives you an output capacity for up to 4,200 sheets. The FS-532 can be upgraded with optional punching and post-insertion.



Corner stapling



2-point stapling



Two-hole punching



Four-hole punching



Colour cover insertion*



Colour sheet insertion



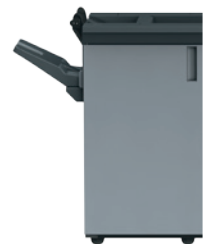
Auto-shift sorting



Variable staple length



Letter fold



▀ All-in-one finisher FS-532 & SD-510

The combination of the FS-532 with the SD-510 means the staple finisher is now able to make booklets. The fully automated booklet making capacity is for up to 20 sheets (80 pages) per booklet, has two folding functions, centre-fold and letter-fold, with further options available of optional punching and post-insertion of printed sheets.



Corner stapling



2-point stapling



Two-hole punching



Four-hole punching



Booklet



Colour sheet insertion





ALL-ROUND AVAILABILITY

Professional printers simply need dependable hardware and highly reliable printing technology. Which is why reliability was a top priority in the development of the bizhub production printing systems. Its quality of workmanship and robust metal construction guarantee absolutely sound and secure operation. Various tools and system features enhance the all-round usability further:

▣ Toner and paper refill on the fly

Toner and paper refill on the fly largely avoids production interruptions.

▣ Customer Maintenance Support

In addition, Konica Minolta's Customer Maintenance Support (CMS) concept permits the fast and simple exchange of certain system components and working parts by the operator. Printers welcome being able to solve such minor system problems instantly in-house as this further enhances their flexibility.

▣ CS Remote Care

CS Remote Care, Konica Minolta's remote service tool for counter readings, system errors and maintenance requirements of the bizhub PRESS systems can be automatically transmitted to the Konica Minolta service.

This enables early analysis of the system status and preventive maintenance if required, before concrete problems occur. It also helps minimise system downtimes and administrative efforts on user side, saving print providers time and money, helping them keep their sanity, and offering them the benefits of virtually all-round system availability and maximised productivity.



CS Remote Care

Technical specifications

PRINTER SPECIFICATIONS

Print speed A4	Up to 95 ppm Up to 5,700 pph
Print speed A3	Up to 55 ppm Up to 3,300 pph
Print resolution	1,200 x 1,200 dpi
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Paper weight	Standard: 40–300 gsm Optional (with PF-706): 40–350 gsm In duplex mode: 50–300 gsm
Duplex unit	Non-stacking type
Paper sizes	A5 to A3+ (SRA3) Standard: Min.: 182 x 139 mm Max.: 324 x 463 mm Optional: Min.: 95 x 139 mm* Max.: 324 x 483 mm**
Maximum image area	Standard: 314 x 463 mm Optional: 314 x 483 mm
Maximum paper input capacity	Max.: 9,000 sheets Main unit: up to 3,000 sheets LU-409: up to 4,500 sheets LU-410: up to 4,000 sheets PF-706: up to 6,000 sheets
Maximum paper output capacity	Up to 4,200 sheets
Warm-up time	Less than 390 sec.
Main unit dimensions (W x D x H)	990 x 910 x 1,454 mm
Main unit weight	Approx. 372 kg

CONTROLLER SPECIFICATIONS

Hardware	Embedded controller
CPU	Pentium M 2.0 GHz
RAM	2 GB
HDD	250 GB or above
Interface	Ethernet 1,000BASE-T/100BASE-TX/10BASE-T; IPv6; USB2.0
Page description languages	PCL 5e/XL (PCL 6); Adobe PS 3; TIFF; PDF
Printer drivers	Windows 7/Vista (64)/2000/XP/Server 2003 Mac OS 10.4; 10.5; 10.6

SCANNER SPECIFICATIONS

Scan Speed A4	Up to 95 opm Up to 5,700 oph
Scan Speed A3	Up to 55 opm Up to 3,300 oph
Scan resolution	1,200 dpi / 600 dpi / 400 dpi / 300 dpi / 200 dpi
Scan modes	TWAIN scan Scan-to-HDD Scan-to-FTP Scan-to-SMB Scan-to-email
Scan formats	PDF, TIFF, secured PDF, XPS

* with PF-706

** with LU-410

COPIER SPECIFICATIONS

Copy speed A4	Up to 95 cpm Up to 5,700 cph
Copy speed A3	Up to 55 cpm Up to 3,300 cph
Copy resolution	600 x 600 dpi
Gradations	256 gradations
FCOT	Less than 3.4 sec. (A4 LEF)
Magnification	25 – 400 % in 0.1 % steps
Multiple copies	1 – 9,999

ACCESSORIES

Automatic document feeder	Max.: 100 sheets
Large capacity tray	Large capacity paper feeding unit LU-409 Paper capacity: up to 4,500 sheets Paper weight: 40–300 gsm Standard paper sizes: A4 Min. paper size: 250 x 176 mm Max. paper size: 314 x 229 mm
Large capacity tray	Large capacity paper feeding unit LU-410 Paper capacity: up to 4,000 sheets Paper weight: 40–300 gsm Standard paper sizes: SRA3 Min. paper size: 195 x 203 mm Max. paper size: 324 x 483 mm
Paper Feed Unit	Paper feed unit PF-706 3 magazines Paper capacity: up to 6,000 sheets Paper weight: 40 – 350 gsm Standard paper sizes: A5 to A3+ (SRA3) Min. paper size: 95 x 139 mm Max. paper size: 324 x 463 mm
Staple finisher	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 (A4) Sub tray for up to 200 sheets Auto-shift sorting and grouping
Booklet finisher	Saddle stitching kit SD-510 (for FS-532) Booklet making of up to 20 sheets (80 images) Saddle stitching Cover sheets from 50 to 300gsm Output tray for booklets Multi-letter fold-in (up to 5 sheets) Multi-half fold (up to 5 sheets)
Z-fold and punch finisher	Z-fold unit ZU-608 2 and 4 hole punching, Z-folding and half folding
Punch kit	Punch kit PK-505 (for FS-532) Punching (2 and 4 holes selectable)
Post inserter	Post insertion unit PI-502 (for FS-532) Insertion of preprinted sheets PI trays for 200 sheets each
Multi punching unit	Multi (GBC) punching unit GP-501 Multi 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	Auto Ring Binder GP-502 Stacking, punching and binding of books, up to 102 sheets Self-adjusting bind elements (one size fits all) Paper weight: content 75–120 gsm; cover 163–216 gsm

