



KONICA MINOLTA

bizhub PRO 951 COMMERCIAL PRINTERS

✦ Easy entry into digital printing world



Giving Shape to Ideas

bizhub PRO 951 

B/W PRODUCTION PRINTING SYSTEM



MOVE TO DIGITAL AND GROW

The bizhub PRO 951 is the result of Konica Minolta's efforts to satisfy the demand of commercial printers for an affordable but powerful digital production system. The bizhub PRO 951 builds on a sturdy tried-and-trusted design offering high performance combined with a full range of inline finishing possibilities complemented by state-of-the-art proprietary technologies to deliver enhanced black and white print quality. This competitive combination makes the bizhub PRO 951 the preferred choice for any organisation wishing to take its first step into the world of digital printing. The bizhub PRO 951 unit is designed to give even newcomers the ability to easily process high b/w volumes without the fear of production bottlenecks and delays and finally enjoy the benefits of enhanced efficiency and above average versatility.

- **Meeting the tightest deadlines** and printing within hours rather than days, are your key requirements for digital print production. You must be able to rely on a system that supports these high productivity demands.
- **You need to offer the highest quality for the complete printed product.** Consistency and reliability of your output must be first class at all times. And tools that enable you to easily control and maintain the output quality are of paramount importance for you.

- **The integration of a system that fulfils all of these demands** into your existing environment must require little effort, while the highest possible degree of automation should facilitate and streamline your print workflows.

If these are your requirements, don't hesitate to take a closer look at the bizhub PRO 951. You will most likely find that it can do more for you than you ever thought possible!

PROFESSIONAL HIGH QUALITY PRINTING, OUTSTANDING VERSATILITY

Reliable productivity

Wherever high productivity is a specification, the bizhub PRO 951 is the dependable partner. With production statistics of 95 A4 pages per minute and 55 A3 pages per minute, it represents an outstandingly cost-effective entry-level unit into the digital print age. Capable of highest turnaround rates thanks to maximised performance combined with tools like CS Remote Care and a powerful internal RIP. The bizhub PRO 951 gives commercial printers the capacities to agree confidently to even the tightest schedules and grow business in a digital black and white printing environment.

Outstanding print quality

Print is nothing without quality. The ability to produce print outputs of very highest quality even at the entry-level of digital black and white printing is guaranteed by e.g. Simitri® HD polymerised toner, a consumable able to produce precise texts and lines. The 1,200 x 1,200 dpi LED ensures consistent reproduction. Full control and flexible optimisation of each and every print job is achievable thanks to the Tone Curve Utility. These and other great features pave your way to outstandingly good results for your print jobs, giving you the edge over the competition and guaranteeing your customer satisfaction.

Versatility and flexibility

The bizhub PRO 951 can be configured with a variety of inline finishing options, including stapling and automatic ring binding to underpin the system's great media flexibility (such as 300 gsm in duplex printing and optionally 350 gsm from PFU trays), all put together in a modular concept designed to allow full and individual configuration of your print station. The bizhub PRO 951 maximises ease of use, minimises hidden costs and is a dependable basis for improved margins. You, too, can meet your customers' rising demands and ramp up your print volume in digital.



bizhub PRO 951 TECHNOLOGY

The bizhub PRO 951 paves the way for success in commercial printing by delivering an intelligent package of unique proprietary technologies to ensure high definition images as the guarantee for high-quality prints. The image quality is truly consistent from the very first to the very last page, and from print job to print job. Its output satisfies professional specifications, and will convince even the most demanding customers.



▀ User-defined screens for setting and Tone Curve Utility

The introduction of predefined setting masks (two types with three patterns each) plus a choice of dot screen settings allow 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 you 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 that involve the 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.

▀ Belt transfer system

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



bizhub PRO 951

BUSINESS OPPORTUNITIES

The production print market is undergoing significant changes today. Accelerated by the recent economic downturn, the number of printing businesses 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 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", 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 focused implementation guides written by industry consultants.

1234

DIGITAL1234
enabling your business

Digital1234

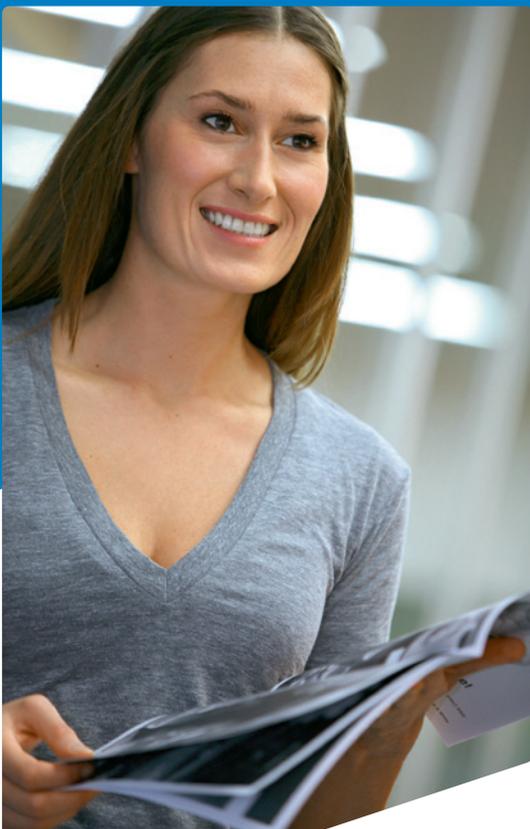
The Digital1234 business development program is designed to encourage print businesses to focus on the opportunities to save money, increase profits, add new services and to improve productivity.

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 enables your company 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 and thus create a unique, targeted and relevant message for each recipient.
 - This is called “Variable Data Printing” (or VDP).
- Direct mail can be more personal:
 - “Dear Sir or Madam” will become “Dear Paul”.
- This is the unique value proposition with digital printing that cannot be achieved with traditional printing.
- Studies have shown: the more you zoom in on your readers, the more effective your message will be.
- On average, personalised marketing collateral leads to 31% greater profits compared to general marketing materials.
- As a print provider you can charge more for VDP jobs, and your customer gets a better response per piece.
- More profit for you – more business for your customer.

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-colour 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 ecoconsciousness



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 integrated into the main body.

Optimised job processing

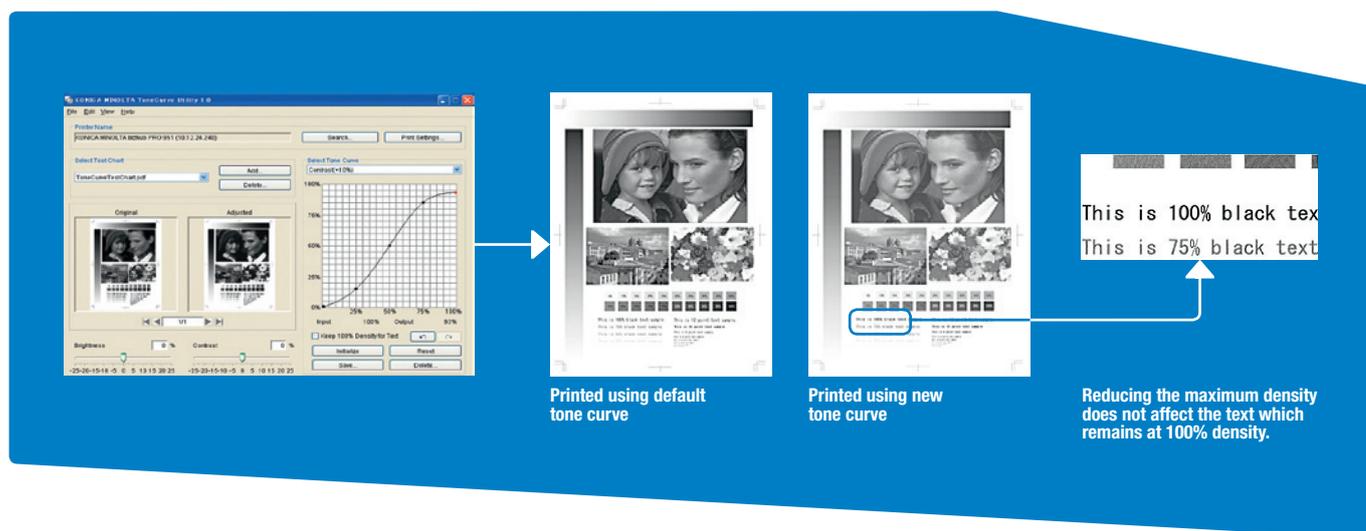
Featuring the kind of RIP speed previously unavailable in this class, the bizhub PRO 951 easily handles even the most comprehensive of jobs, and features JDF-JMF compliance to ensure full and easy integration into any working environment. This is optimised job processing at its very best, boasting the 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 what is 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.



The image shows the 'KONICA MINOLTA ToneCurve Utility 1.0' software window. On the left, there are 'Original' and 'Adjusted' image thumbnails. In the center is a 'Default Tone Curve' graph with a grid and a curve. On the right, two printed output examples are shown. The first is labeled 'Printed using default tone curve' and shows a document with a dark, high-contrast image. The second is labeled 'Printed using new tone curve' and shows the same document but with a lighter, more balanced image. A callout box points to the text 'This is 100% black text' and 'This is 75% black text' on the second print, stating: 'Reducing the maximum density does not affect the text which remains at 100% density.'

EFI Fiery Central Solo

- The EFI Fiery® Central Solo enables printer operation and control via the popular and successful Fiery Command Workstation.
- It unifies the operational environment by managing multiple printers with one single intuitive interface.
- The optional Fiery Impose-JobMaster bundle is the perfect assistant to help you professionally impose and perform complex document composition including importing scans, tab creation and page editing and numbering during job preparation.
- The benefits of the multi Fiery driven engine environment include:
 - Administration transparency across the entire printing fleet: all printers can be controlled from one interface.
 - Up to three engines can be connected and grouped for use in workflows (e.g. Color Split, Volume Balancing, automatic rerouting on job error, etc.).

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 once, the operator no longer needs to 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!

Large capacity tray A4, LU-409

Attaching the large capacity cassette LU-409 to a bizhub production printing system 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 tray SRA3, LU-410

When equipped with the large capacity cassette LU-410, a bizhub digital press 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 handles 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 paper capacity by adding three paper trays with capacities of up to 9,000 sheets and extends the media flexibility to between 40 and 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



▀ Z-fold unit ZU-608

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 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 print providers the production technology to produce high value documents in a very short time.



Ring binding



▀ Stapling unit FS-532

Equipping a bizhub production printing system with the FS-532 stapling unit gives print providers 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 production capacity, and cuts the one-fits-all staple to size while processing. Auto-shift sorting and grouping is also available; this unit gives an output capacity for up to 4,200 sheets. The FS-532 can be upgraded with optional punching and post-insertion.



Corner stapling



Two-point stapling



Two-hole punching



Four-hole punching



Colour cover insertion



Colour sheet insertion



Auto-shift sorting



Variable staple length



▀ 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, including punching and post insertion of printed sheets.



Corner stapling



Two-point stapling



Two-hole punching



Four-hole punching



Booklet

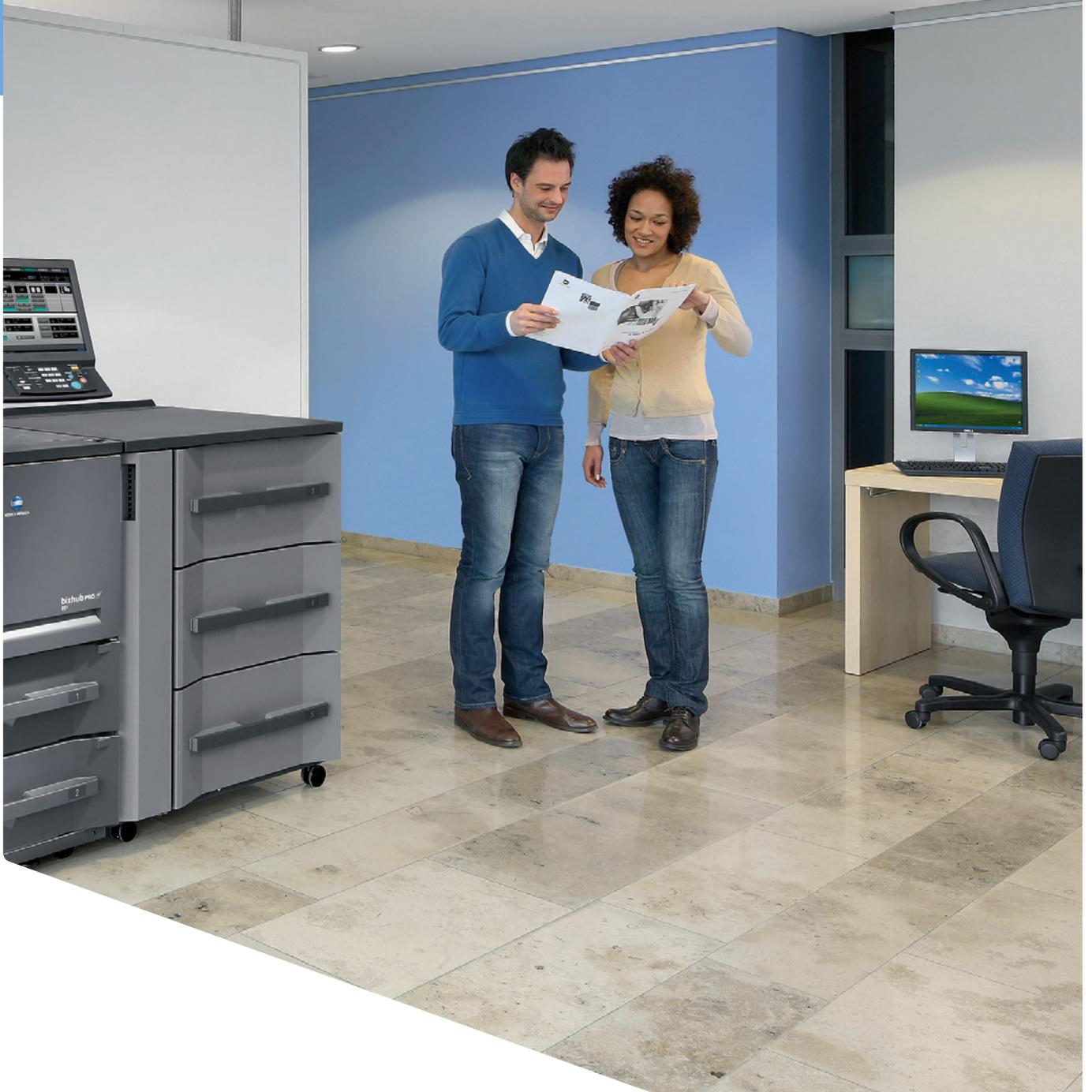


Colour sheet insertion



Letter fold





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 avoid 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.

Print providers welcome being able to solve such minor system problems instantly in-house as this further enhances their flexibility.

▀ CS Remote Care

Via CS Remote Care, Konica Minolta's remote service tool for counter readings, system errors and maintenance requirements of bizhub PRESS and PRO 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 down-times 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
Print speed A3	Up to 55 ppm
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	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 780 (910 w. controller) x 1,233 (1,464 w. panel) mm
Main unit weight	Approx. 372 kg

CONTROLLER SPECIFICATIONS

Hardware	Embedded controller
CPU	Pentium G6950 2.8 GHz
RAM	2 GB
HDD	250 GB or above
Page description languages	PCL 5e/XL (PCL 6); Adobe PS 3; TIFF; PDF

SCANNER SPECIFICATIONS

Scan Speed A4	Up to 95 opm
Scan Speed A3	Up to 55 opm
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

- All specifications refer to A4-size paper of 80 gsm quality.
- 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.

COPIER SPECIFICATIONS

Copy speed A4	Up to 95 cpm
Copy speed A3	Up to 55 cpm
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 300 gsm; output tray for booklets; multi-letter fold-in (up to 3 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-522 (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

Your Konica Minolta Business Solutions Partner:

Simitri HD
High Definition Polymerised Toner

Simitri
with Biomass

