

Specifications

| | | |
|------------------------|---|--|
| Model name | bizhub PRO C500 | |
| Type | Console Full-Colour Copier/Printer/Scanner | |
| Resolution | 600 dpi x 600 dpi | |
| Gradation | 256 levels | |
| Memory | 512MB (Max. 1,536MB) | |
| Type of originals | Sheets, books, 3D objects | |
| Maximum document size | A3 (297 x 420mm) | |
| Copy size | Paper size | A3, B4, A4/A4R, B5/B5R, A5, A6; Wide size paper (max. 324mm x 460mm) |
| | Non-effective image area | Top & bottom edges: 2.0mm ± 2.0mm Right & left edges: 1.5mm ± 1.5mm |
| Copy speed | A4: 51 pages/min. (colour and B/W) | |
| | A3: 27 pages/min. (colour and B/W) | |
| First copy time | Colour: 7.6 sec. or less | |
| | B/W: 6.0 sec. or less | |
| Warm-up time | 7 minutes or less (at room temperature of 20°C and the rated voltage) | |
| Magnification | Fixed ratio | 1:1.154/1.224/1.414/2.000 |
| | Enlargement | 1:0.866/0.816/0.707/0.500 |
| | Reduction | 25% to 400%, adjustable in 0.1% increments |
| Paper supply | 1,750 sheets (90g/m ²) | |
| Paper weight | Trays 1, 2, 3: 64 – 209g/m ² | |
| | Multi-sheet bypass: 64 – 256g/m ² | |
| Multiple | 1 – 9999 sheets | |
| Double-sided copying | Stackless ADU (standard) | |
| Power | 230VAC, 15A (50Hz/60Hz) | |
| Power consumption | Max: 3.4kW (with all options) | |
| Dimensions (W x D x H) | 794 x 889 x 1,181mm (with DF) | |
| | 794 x 889 x 1,056mm (without DF) | |
| Weight | Approx. 326kg (with DF) | |
| | Approx. 313kg (without DF) | |

System Options

| | |
|-------------------------|--|
| DF-319 RADF | Max. number of originals: 100 sheets (80g/m ²) Original size: B6 – A3 Paper weight: 35 – 210g/m ² |
| LT-211 LCT | Capacity: 2,500 sheets (80g/m ²) Paper size: B5 – A3 wide (330 x 488mm) Paper weight: 64 – 256g/m ² |
| FS-513 Staple Finisher | Stapling positions: 3 Non-sort mode capacity: 3,000 sheets Max. stapling capacity: 50 sheets (80g/m ²) |
| FS-606 Booklet Finisher | Multi-position stapling, centre-fold & three-fold capabilities Non-sort mode capacity: 2,500 sheets Max. stapling capacity: 50 sheets (20 sheets for saddle stitching) (80g/m ²) |
| PK-507 Punching Kit | Paper size: B5 – A3 Paper weight: 60 – 128g/m ² |
| PI-110 Post Inserter | Capacity: 200 sheets (128g/m ²) Paper weight: 50 – 200g/m ² (regular & special paper) |
| TU-109 Trimmer Unit | Capacity: 500 sheets Max. trimming capacity: 40 sheets (80g/m ²) |
| HD-106 Hard Disk Drive | Internal hard disk with 20GB storage capacity |
| MU-412 Memory Upgrade | 256MB internal memory boards (4 slots available) |
| CV-131 Platen Cover | Single-sheet scanning platen cover |

Optional Print Controllers

| Model | IP-901 | IP-921 |
|--------------------------|--|--|
| Printing Function | | |
| Type | External | Embedded |
| CPU | 2GHz Intel® Pentium® 4 | 850MHz Mobile Intel® Pentium® III |
| Memory | 512MB (Max. 1GB) | 256MB (Max. 512GB) |
| Hard disk | 60GB | 40GB |
| Print size | Max. A3 | Max. A3 |
| Speed | Colour: 51 ppm (A4) | Colour: 51 ppm (A4) |
| | B/W: 51 ppm (A4) | B/W: 51 ppm (A4) |
| Resolution | 600 dpi x 600 dpi | 600 dpi x 600 dpi |
| PDL | Adobe® PostScript® 3 | Adobe® PostScript® 3, PCL6 |
| Fonts | 136 Adobe® Fonts | 80 PCL Fonts |
| | | 136 Adobe® Fonts |
| Network protocol | TCP/IP, IPX/SPX, SMB (Net BEUI), EtherTalk, IPP, SNMP, HTTP, Pserver, Port9100 | TCP/IP, IPX/SPX, SMB (Net BEUI), EtherTalk, IPP, SNMP, HTTP, Pserver, Port9100 |
| | | |
| Operating system | Windows 98/ME, Windows NT 4.0 (SP6 or above)/2000/XP | Windows 98/ME, Windows NT 4.0 (SP6 or above)/2000/XP |
| | Mac OS 9, OS X (10.2 or above) | Mac OS 9, OS X (10.2 or above) |
| Interface | Ethernet (10Base-T/100Base-TX/1000Base-T) | IEEE 1284, Ethernet (10Base-T/100Base-TX/1000Base-T) |
| Scanning Function | | |
| Size of originals | Max. A3 | Max. A3 |
| Scan resolution | 600 dpi x 600 dpi, 400 dpi x 400 dpi, 300 dpi x 300 dpi, 200 dpi x 200 dpi | 600 dpi x 600 dpi, 400 dpi x 400 dpi, 300 dpi x 300 dpi, 200 dpi x 200 dpi |
| | | |
| Speed | 37 opm (A4) | 37 opm (A4) |
| Driver | TWAIN | TWAIN |
| Interface | Ethernet (10Base-T/100Base-TX/1000Base-T) | IEEE 1284, Ethernet (10Base-T/100Base-TX/1000Base-T) |
| Scanning | Scan to HDD, Scan to FTP, Scan to PC, Scan to Email | Scan to HDD, Scan to FTP, Scan to PC, Scan to Email |
| | | |
| Data format | PDF, JPEG, TIFF | PDF, JPEG, TIFF |

Converting paper weight

Multiply g/m² weight x 0.636 x 0.939
1kg = Approx. 1.66g/m²



On-demand Digital Colour System



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

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

- Meet ENERGY STAR Guidelines
- Use Recycled Materials
- Toner Recycle Mechanism
- Production at ISO-Certified Factories



Requirements for safe use.

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

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This catalog was printed on recycled paper with soy ink.



Tap into the Power of Professional, On-demand Printing

Designed to satisfy the stringent needs of the professional print market in terms of efficiency, quality and reliability, bizhub PRO promises an advanced level of data handling. With increased flexibility for creating pro-quality communication tools and marketing materials, the bizhub PRO C500 brings back-office productivity to every employee on your network.



[In-house Solutions for Business]



[bizhub PRO C500 Solution 1]

With on-demand printing, in-house production is not only faster and less expensive, but you no longer have to worry about keeping hardcopy inventory on hand. Archive important documents as data and store frequently printed materials in the HDD for ready access without having to re-RIP.



[bizhub PRO C500 Solution 2]

Produce high-quality, colour marketing communication and collateral materials over your network. Variable printing for one-to-one marketing solutions and fully automated finishing options such as stapling, folding and even face trimming rival professional quality.



[bizhub PRO C500 Solution 3]

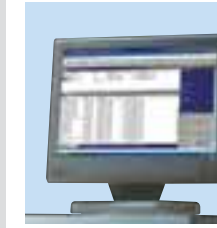
Configure the bizhub PRO C500 to meet your specific needs while streamlining output workflow and making more efficient use of energy and human resources. Information moves freely, yet in a secure environment that maximises efficiency.

bizhub PRO C500



Do More Than Ever before, and for Less

The bizhub PRO C500 is an uncommon solution in business. It delivers flexible, on-demand output capabilities to your entire workforce, while keeping a sharp eye on the bottom line. Featuring scores of functions for production print professionals, the bizhub PRO C500 creates opportunities to unlock new business potential.



Networkability

- Multiple platform compatibility
- Wide range of Fiery® utilities
- Document & network management
- High-speed network scanning



Performance

- 51 ppm/cpm high-speed output
- 37 opm high-speed input
- 7.6 sec. or less first copy time (colour) & 6 sec. or less (B/W)
- Warm-up time of 7 minutes or less



Paper Handling

- Max. 4,250-sheet high-capacity paper supply
- 2,500-sheet LCT
- A3 wide capability
- 64g/m² to 256g/m² (from bypass tray)



Imaging

- 600 dpi x 600 dpi resolution
- 256 levels of colour gradation
- Polymerised toner with smaller, uniform particles
- Colour management for accurate colour reproduction



Finishing

- Multi-position stapling
- Hole punching
- Booklet making with folding
- Face edge trimming



Environment

- Compact footprint
- Energy Star
- Universal design
- Intuitive interface

Plug into Your Potential

Take advantage of everything the bizhub PRO C500 has to offer with your choice of print controller. Both the internal and powerful external models feature tools for imposition, colour calibration and variable data printing. From input to output, network scanning and printing functions maximise document workflow over the breadth of your network.



IP-901 Fiery Print Controller

Fire up your network with the speed and flexibility your professional office needs. Boasting a 2GHz Pentium® 4 processor and 512MB of memory, the IP-901 Fiery Print Controller* easily manages even the large-scale jobs the bizhub PRO C500 was made for. It also features a large 60GB hard drive for temporarily storing frequently printed documents and for archiving data. The greatest advantage of the Fiery Controller, however, is its universality, bringing together your entire office regardless of the mix of operating systems, print environments or applications used.

* Optional

IP-921 Fiery Print Controller

The IP-921* is a high-performance, cost-effective internal controller featuring an 850MHz Mobile Intel® Pentium® III processor, 256MB of standard memory and a 40GB hard drive. Connecting bizhub PRO C500 to the IP-921 energises your network, driving even large print runs with ease and delivering the front-end utilities that empower your workforce. Pre-installed with 80 PCL fonts and 136 PostScript® fonts for graphics-intense environments, the IP-921 provides quick, accurate printing even in multi-platform offices.

* Optional; requires optional I-F Kit V1621

Work Faster, Smarter

Empowered by the Fiery Controller, the bizhub PRO C500 accelerates the speed at which you work. On-demand printing of post-RIP data speeds up output of even large-size documents. Scores of automated finishing functions increase efficiency, letting your workforce concentrate on strategy while the C500 takes care of stapling, sorting, hole punching, folding and even cover sheet insertion. Direct printing capabilities for TIFF/PDF mean you begin output without having to wait for the application to open.

Network Compatibility

The IP-901 Fiery Print Controller's flexible design enables it to fit into almost any network environment. Compatible network protocols include EtherTalk (Ethernet 10Base-T/100Base-TX/1000Base-T), TCP-IP, IPX/SPX (NDS), HTTP, SNMP, IPP.

Network Scanning

Connected to the Fiery Controller, the bizhub PRO C500 can scan documents at up to 37 opm, saving them to the hard drive where they can then be accessed by anyone on your office network. With Fiery Netwise software, archived data may be accessed by authorised users via the Internet or sent from the printer to remote locations. Scanned materials may also be transferred directly to FTP sites for download, or even forwarded as email attachments.



Make Your Data Work Smarter



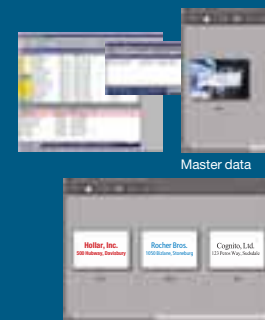
Files as printed



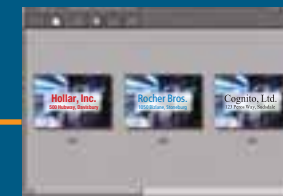
Imposed with DocBuilder Pro 2

DocBuilder Pro 2 (optional software)

DocBuilder server-based imposition software provides professional-level functionality suitable for office users as well. Its intuitive interface makes it easy to re-arrange documents and pages using data from a wide range of applications to compile as a single PDF and output as one print job. Additional features include the ability to handle mixed page sizes, create custom layout templates, customise trim and fold marks and adjust for image creep.



Variable data



Preview of combined data

FreeForm (standard software)

FreeForm gives your office the ability to make variable data printing quick and simple. FreeForm can boost the communication value of your direct mailings or personalised brochures by letting you individualise each print. Combining data from separate source applications into a single layout at the print server shortens print time and minimises traffic over your network.



Print full-bleed layouts with trim marks on A3 wide paper

A3 Wide Printing

Don't sell your ideas short by presenting them at less than actual size. Print full-size spreads on A3 wide paper complete with trim marks. The increased print area even allows you to bleed A3-size layouts for a truly professional feel.

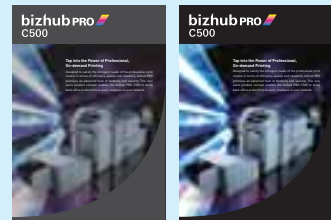
Stay in Control of Your Colour

What you have to say is as important as how well you get the message across, and even more so when creating sales tools and marketing materials. Advanced controls for RGB and CMYK, pre-press simulators and countless professional-class functions take the risk out of colour management.



Colorwise (standard software)

Accuracy and consistency in colour reproduction are every bit as critical as speed, which is why the IP-901 Print Controller comes installed with Colorwise colour management software from Fiery. Easy for even first-time users, Colorwise has powerful professional-level tools for achieving the best colour reproduction possible with every print. Colorwise is able to handle RGB, CMYK, Lab and spot colour data seamlessly, even when mixed on the same page. Other useful features include automatic colour and grey balance calibration using the platen, and post-RIP calibration of archived documents.



Printed by source GCR Printed by output GCR
Based on output Grey Component Replacement (GCR), source CMYK values are re-calculated so even images with 100% black are properly grey-balanced

Colour Enhancements

- Spot-on colour matching
- Independent RGB, CMYK controls
- RGB separation
- GCR preserving profiles
- Paper simulation
- Expert colour controls
- ICC profile manager
- Calibration tools
- ColourCal
- EFI colour profiler kit
- EFI spectrometer

Productivity Enhancements

- TIFF/IT, DCS 2.0 support
- Soft proofing
- Hot folders
- Unlimited separations
- Mixed file formats supported

Quality Enhancements

- Halftone printing
- Auto black overprinting
- In-RIP auto trapping
- Post-RIP calibration
- AutoGray balance calibration



Overprint off Overprint on
Black overprint ensures sharp text without white outlines caused by image creep

Peace of Mind throughout Your Network

Effective, yet unobtrusive job management and security oversight are a must. But while maintaining the integrity of your sensitive materials, you need a free exchange of knowledge assets throughout your office. Inspiring users, the bizhub PRO C500 gives you the tools to protect your business.

Security

Network security is always a top concern. Both the IP-921 and IP-901 Print Controllers give your network administrator the ability to manage access and printing privileges according to user, all the way down to password protection of individual print jobs. Users can even create password-protected personal folders on the hard drive to archive data. Sensitive data can also be set for immediate deletion after printing.

Command WorkStation4 (standard software)

Giving your office the capabilities of a professional printing environment, Command WorkStation4 makes managing all of your print jobs smooth and efficient. Your network administrator can set security and job priority levels for every user and keep detailed logs of all print activity. An intuitive user interface featuring a range of customisation options ensures simple, convenient operation for any user.

Fiery Job Spooler

The Fiery job spooler enables advanced document management at the user level. Users can view all the active jobs in the print queue, adjust job status priority and delete or reprint jobs.



Speed & Power On-demand

Whether for a high-volume run or a complex, small lot print job, you need equal parts speed and flexibility. With extra-large paper sourcing capacity and quick turnaround for input and output, the bizhub PRO C500 bundles production print specifications in a package that's easy to handle.



Output Speed

Able to produce full-colour prints at 51 ppm (A4), the bizhub PRO C500 gives you the speed of a professional print centre right where everyone in your office can access it. With a warm-up time of just 7 minutes or less and a first copy time of only 7.6 seconds or less for colour and 6 seconds or less for monochrome, the bizhub PRO C500 will always be ready when you are.



On-the-fly Toner Replacement

When doing high-volume print jobs, having to stop and change toner can be a costly interruption. The bizhub PRO C500 features on-the-fly toner replacement, letting you remove and change empty toner cartridges without missing a beat.



Paper Capacity

By enabling your employees to handle large print jobs that would otherwise need to be sent out, the bizhub PRO C500 boosts the power and profitability of your office. It features three universal paper trays that each hold up to 500 sheets from A6 up to A3 wide (64g/m² to 209g/m²), while the multi-sheet bypass holds an additional 250 sheets in a wide variety of paper types up to 256g/m². An automatic switchover feature finds paper of the same size, letting you refill empty trays during printing without interruption. The optional LT-211 Large Capacity Tray sources an extra 2,500 sheets for a total of 4,250 sheets.



Air-assisted Paper Feed

The air-assisted paper feed uses a continuous jet of air to separate sheets as they are pulled from the paper tray. This enables faster feeding while minimising double-feeding and paper jams.



A3 Wide Capability

For in-house print professionals who need to be able to print A4-size two-page spreads, the extra-large paper trays can handle A3 wide paper. Now you can print A3-size posters or layouts at full size without losing trim marks or data.



High-speed RADF

The bizhub PRO C500 is topped by a reversing automatic document feeder* (RADF). Designed with a minimum of moving parts, it's capable of handling originals at speeds of up to 37 opm with ease. For large documents that exceed the RADF's 100-page capacity, Store Mode lets you scan in batches of 100 pages and then prints the entire job at once.

* Optional



Back-office Finishing Solutions In-house

The difference between a good presentation and a great one can come down to the quality of your materials. So why take chances? Maximise the power of the bizhub PRO C500 with advanced finishing capabilities that make easy work of even the most complex output jobs. Sort, staple, fold and trim edges to create professional-quality materials on demand.



FS-606 Booklet Finisher

With the advanced FS-606 Booklet Finisher,* you have access to folding, stapling and sorting options that bring in-house production right to your office. Employ centre-fold and saddle stitch to create promotional catalogues and brochures, or use three-fold for producing business letters or direct mail. Attach the PK-507 Punching Kit* and PI-110 Post Inserter* units to add hole punching and cover sheet insertion capabilities. And with a paper capacity of up to 2,500 sorted sheets or 1,000 stapled sheets, the FS-606 gives you the ability to take on even complex, high-volume print runs.

* Optional



FS-513 Staple Finisher

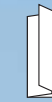
With the FS-513 Staple Finisher,* you can choose from three stapling options – top left vertical, top left horizontal and centre double-stapling – allowing you to create a diverse range of document types, up to 200 pages (50 sheets). The FS-513 holds up to 3,000 sorted sheets or 1,000 stapled sheets in the main tray.

* Optional

TU-109 Trimmer Unit

The bizhub PRO C500's powerful printing capabilities are complemented by sophisticated finishing tools such as the TU-109 Trimmer Unit.* Depending on the number of pages of a folded document, the TU-109 automatically adjusts trimming of the face edge to create a perfectly aligned booklet. Output quality is so high, your customers will never know it was produced in-house.

* Optional; requires optional TU-109A Kit



Three-folding (FS-606)

Three-folding automatically prepares professional, envelope-ready brochures, pamphlets, business correspondence and direct mail.



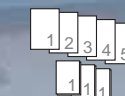
Saddle Stitching (FS-606)

Centre stapling turns your report or document into a sophisticated signature booklet quickly and easily.



Stapling (FS-606 & FS-513)

Multi-position stapling (top-left vertical, top-left horizontal and centre double) allows you to make complex, yet highly customised documents.



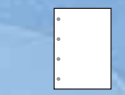
Sorting & Grouping (FS-606 & FS-513)

Automatically sort output in numerical order or group pages, depending on how you plan to use your materials.



Cover Sheet Insertion (FS-606 & FS-513 with PI-110)

Easily add covers of heavy stock or specialty paper to presentations and internal reports for an intelligent look.



Hole Punching (FS-606 & FS-513 with PK-507)

Options for automated hole punching save valuable employee time and ensure that your documents fit evenly into binders.



Trimming (FS-606 with TU-109)

Fold, saddle stitch and trim the face edges of booklets to present your ideas with the professional look they deserve.



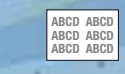
Multi-page Layout

View the entire contents of your multi-page document at a single glance with 2-in-1, 4-in-1 or 8-in-1 layout options.



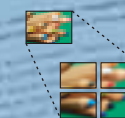
Stamp & Watermark

Add a stamp, set number, page number and date/time marks in your choice of 9 places to organise sensitive business documents. And with the optional HD-106, you can use the watermark feature simultaneously.



Repeat Printing

Scan once from the platen glass and repeat print reproduces the document as many times as it fits on the same sheet, saving time and printing costs.



Multi-page Enlargement

Easily create over-size POPs, posters and other large marketing tools up to A0 x 2 in size (16 A3 sheets).

Colour You Can Count on

In today's fast-paced world of digital technology, the ability to use hardcopy materials as easily as softcopy can make all the difference. Cost-effective, full-colour copying with exceptional clarity and true-to-original colour matching communicates your objectives with focus and style.



High Resolution Quality

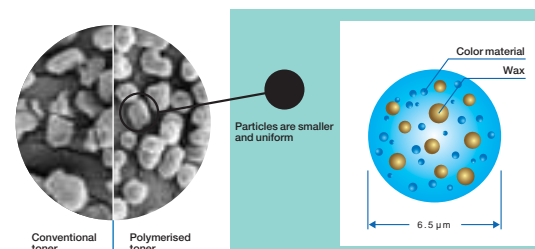
Developed to meet the exacting standards of print professionals, and drawing on decades of imaging acumen from Konica Minolta, the bizhub PRO C500 is serious about reproduction quality. Scanned input is processed at 600 dpi x 600 dpi to be output at the same 600 dpi x 600 dpi resolution to ensure a high degree of integrity to the original. Text is sharp and graphics are richly detailed. Moreover, documents are output using oil-less fixing, so you can count on an elegant, sophisticated finish for all your business materials. Or select Glossy Mode to achieve a photo-like shine for graphic-rich output.

Image Enhancement Features

Complementing the print-controller-based RGB and CMYK colour adjustment features, the bizhub PRO C500 also offers a variety of image enhancement functions for brightness and sharpness. Line screen delivers highly detailed text, while dot screen handles difficult gradations, providing the quality you need to reproduce even the most complicated originals.

Polymerised Toner

The bizhub PRO C500 uses Konica Minolta's exclusive polymerised toner. Featuring pigmented particles that are much smaller and more consistent in size than conventional toner particles, text is visibly sharper and difficult-to-produce gradations are rich with detail. A unique wax-based formula makes affixing without oil possible, resulting in a long-lasting, scratch-resistant page with minimal glare for exceptionally clear and easy-to-read documents.



Production Print Prowess that's at Home In-house

Maximising office efficiency is as much about resource management as it is about creating an office environment that's flexible and accessible. The bizhub PRO C500 brings together a user-friendly package that doesn't sacrifice valuable floor space for professional-quality performance.

Compact Size

Bringing the full force of back-office productivity to the centre of your network shouldn't require handing over your entire floor space. The bizhub PRO C500 features a unique vertical tandem engine and a space-saving design that creates a main unit footprint of merely 794mm wide and 889mm deep. Even with optional finishing and paper sourcing capabilities added, the bizhub PRO C500 fits nicely into your front-office. Also, ample consideration to reduce engine noise means that you can run the bizhub PRO C500 at full-speed without disturbing the office environment.



Universal Design

Meeting the needs of each member of your team, the bizhub PRO C500 ensures your office is as productive as can be. Boasting a large, user-friendly panel that features an easy-to-use interface and tilt controls to provide universal access, the bizhub PRO C500 empowers individuals to work smarter at the console.

Power Saving

The bizhub PRO C500 meets many of the most stringent international standards for efficiency including Energy Star. User-selectable energy saving features achieve a positive balance of readiness and conservation of resources to minimise your total running cost.

System Overview

