



KONICA MINOLTA

The essentials of imaging



# **bizhub PRO C6501**

Smart colour power all-round



**Production system bizhub PRO C6501**



# Smart colour power all-round

**Colour is essential for the creativity of professionals in advertising agencies and the graphic arts environment. So are a superior image quality for proofing purposes and a high production speed. Of equal importance is the economical aspect – and Konica Minolta has combined all these merits in the new colour production system bizhub PRO C6501.**

- With its identical high speed of 65 colour or black & white pages per minute, the bizhub PRO C6501 represents a significant new development in the field of full colour devices. It features Konica Minolta's advanced colour processing technology, and was designed to provide quality, reliability, ease of use and economy – all essential requirements for every professional!
- The bizhub PRO C6501 combines an extensive media flexibility with various in-line finishing capabilities, offering to graphic artists and other

users the creativity required for their design work. At the same time its sturdy, metal construction ensures absolute dependability while the compact design facilitates its integration at locations where space is limited. Convenient operation and ease of use are other attributes that were important development criteria. And a true highlight of the bizhub PRO C6501 is its remarkable registration accuracy which ensures perfect results in duplex printing, including brochures and booklets.

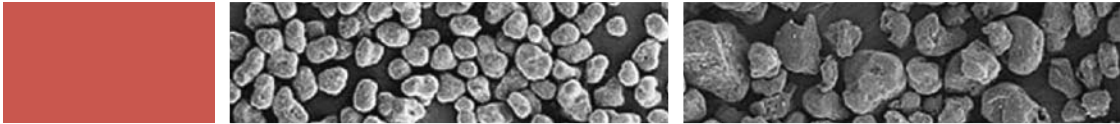
- Thanks to Konica Minolta's CS Remote Care concept, with the bizhub PRO C6501, unplanned stand-stills are a thing of the past. And the system's low overall running costs will surprise even those operating on a tight budget.

**bizhub PRO C6501** 

The bizhub PRO C6501. Essential colour and all-round power – why go for less!

Simitri HD® polymerised toner

Conventional toner



# No limits to colour and quality

Fast colour and superior quality are what professionals in the graphic arts environment really look for, whether they need a device for creative work and proofing or want to produce small print runs or sample quantities of their designs for customers. Thanks to a range of proprietary Konica Minolta technologies the bizhub PRO C6501 fulfils these essential requirements with regard to colour, quality and speed to perfection.

## → Compact competence and reliability

For a start the bizhub PRO C6501 is amazingly compact for a device in its class. To many, its remarkably small footprint will be a real asset, especially if the bizhub PRO C6501 is to be installed in a crowded print room or an advertising agency where space is at a premium. Nevertheless its sturdy and robust construction ensures a continuous and absolutely dependable performance.

## → Simitri HD® polymerised toner

Konica Minolta's Simitri HD® (HD – High Definition) polymerised toner takes image quality to new heights: Its minute but uniform particle size allows the precise reproduction of even the finest lines without sacrificing a perfect black density. Simitri HD® also ensures an unparalleled colour image quality and, due to a reduced fusing temperature, supports a truly impressive range of media.

## → Powerful choice of controllers

The internal Fiery controller (IC-408) delivers professional print results quickly and efficiently. Featuring EFI's highly efficient Fiery colour management system it supports users with an extensive standard range of utilities for varied applications.

Additionally, two external controller alternatives are perfect choices for any professional environment. Featuring latest Fiery technology, the external Fiery controller (IC-305) enhances the comprehensive bizhub PRO C6501 functionality, providing an intuitive and user-friendly interface between operator and printer.

The optional external IC-304 Plus Creo controller turns the bizhub PRO C6501 into a robust workflow solution for graphic arts businesses and professional high-end environments that look for exceptional productivity and comprehensive personalised printing solutions.



# Tomorrow's technology today



The bizhub PRO C6501 combines a fast colour speed, impressive media flexibility and superb output quality with durability and reliability. By offering sustainable, reasonable running costs, Konica Minolta's high-speed colour production system guarantees competitiveness and represents an economically viable printing solution for environments that operate on a limited budget but need to produce perfect, high-quality results.

## → Unique colour processing technology

The bizhub PRO C6501 provides Konica Minolta's advanced colour processing technology. S.E.A.D., which stands for "Screen-Enhancing Active Digital Process", makes available a range of technical innovations that enable the bizhub PRO C6501's exceptional colour reproduction at such high speed.

- A newly applied unique screening method provides an improved image quality with considerably smoother backgrounds. Also new Konica Minolta's ITbit (Image Tag bit) technology much enhances halftone printing, showing visible improvements in particular for outlines, reversed and slim text.
- The high speed and amazing precision of Konica Minolta's fast colour engine is made possible by an innovative dual-beam laser unit. And at the core of the bizhub PRO C6501 are three HI-PER ASICs (high-performance image processing application-specific integrated circuits) – these little chips contain many of the proprietary Konica Minolta technologies essential for this system's outstanding performance.

## → Impressive media flexibility

Paper processing in the bizhub PRO C6501 is fast and ultra-smooth. Thanks to Konica Minolta's "air-assist" paper feeding technology the media flexibility of this colour production system is extensive and covers a wide range of substrates, such as paper weights of up to 300 gsm, coated paper, card and digital offset stock.

With up to 4,250 pages input capacity the bizhub PRO C6501 is suitably equipped even for long print runs and continuous production. Advanced features like the mixplex and mixmedia functionality guarantee professional output also of complex and highly individual print jobs. Additionally the optional large-capacity paper magazine can be equipped with a heating unit (optional) that dries paper stock before it's used, yet again increasing the system's feeding reliability.



# Professionally productive

The bizhub PRO C6501 is comprehensively equipped to ensure highest levels of productivity while minimising manual interventions and production interruptions. An array of features and functionalities increases user convenience and facilitates the fast processing of jobs:

- With Konica Minolta's smart colour production system short-run printing is fast and keeping short turnaround times easy! Its output capacity of up to 65 pages per minute in both full colour and b/w, and its paper and toner refill on-the-fly functionality make the bizhub PRO C6501 ideal for the production market.
- Ease of use is just one of the bizhub PRO C6501's many attractive assets. User convenience, fast and easy handling and no-nonsense operation were top development priorities for Konica Minolta's colour production system. User operation and programming for example are straightforward and intuitive via the large full-colour operator panel that provides clear and easy access to all functions.



- One precondition for faultless print production is absolute precision: The bizhub PRO C6501 meets this challenge with a back-to-front and page-to-page registration that comes very close to offset printing results. This brings noticeable benefits especially for the production of booklets and brochures – only two of the more complex jobs the bizhub PRO C6501 takes in its stride!
- Dependability is another issue that has top priority for professionals – and the bizhub PRO C6501 has been designed with reliability in mind. Beyond that Konica Minolta's remote diagnostics system CS Remote Care provides pro-active support once the bizhub PRO C6501 is in the field. With constant analysis of the system performance CS Remote Care enables automated reporting and preventive maintenance, effectively assuring maximum system uptime.





# In-line finishing for professionals

**The superior quality of printed output is important, but so is the form and feel of the complete document. To automate the finishing process and enable the one-stop production of sophisticated, high-impact print products, Konica Minolta makes available a choice of in-line finishing functions that further enhance the capabilities of the bizhub PRO C6501.**

- Upgrading the bizhub PRO C6501 with the booklet finisher will automate the production of booklets and brochures, providing a convenient and productive in-line half-fold and saddle-stitching functionality. Booklets can consist of up to 20 sheets, allowing a content of max. 80 pages.
- Both the booklet finisher and the staple finisher offer multi-position stapling for up to 50 sheets per stapled set as part of their versatile functionality.
- Extra flexibility is included with a letter-folding function for sets of max. 3 sheets, especially convenient for the automatic production of mailings.

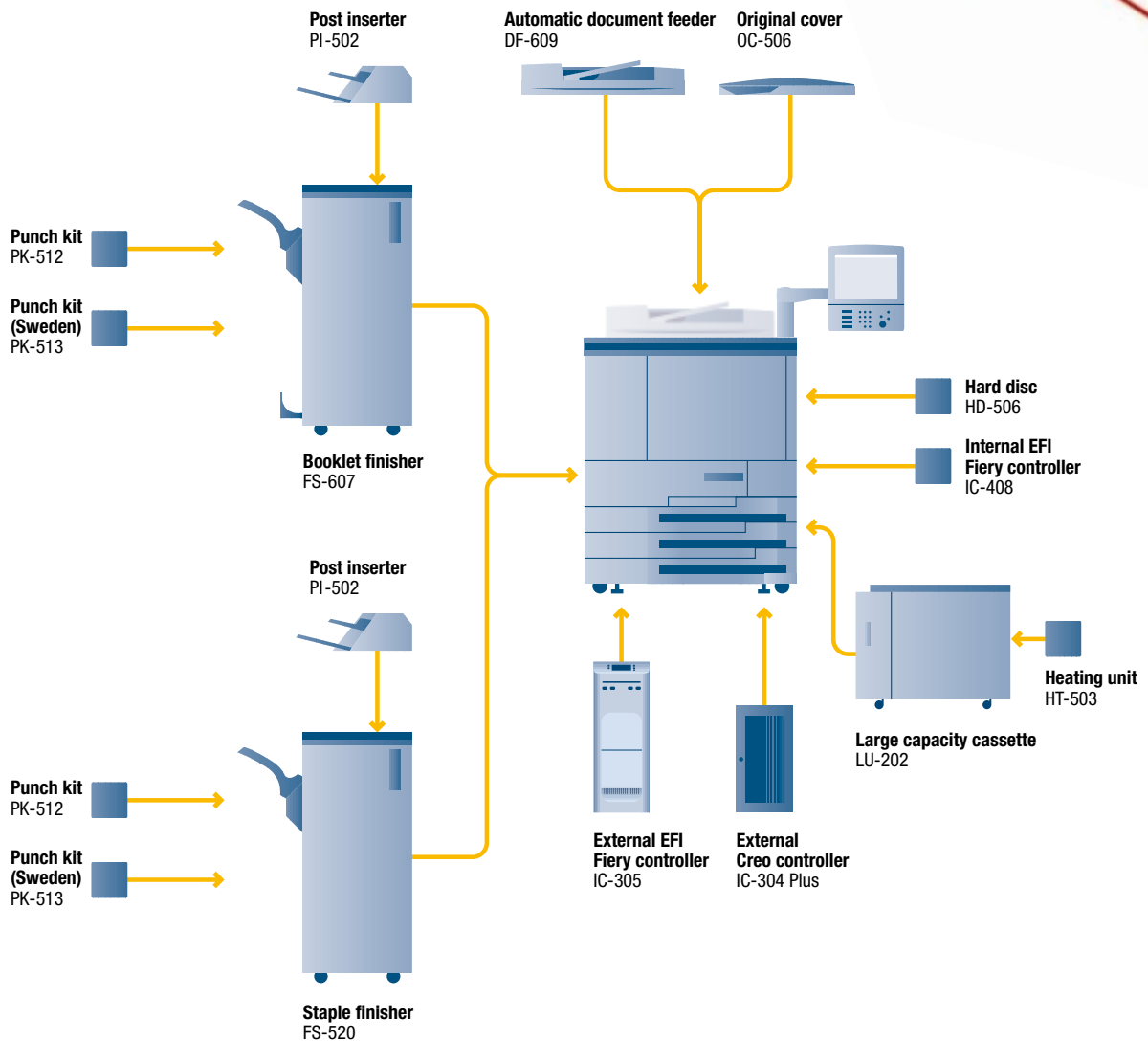
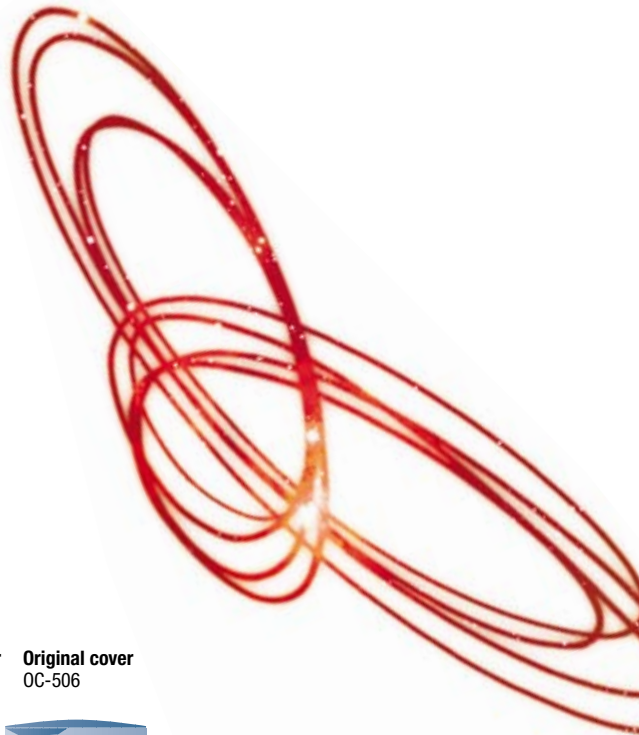
- In addition, in-line punching of 2 or 4 holes is available as an optional upgrade to the booklet and the staple finisher.
- A post inserter automates the process of inserting pre-printed covers into documents that have been printed on the bizhub PRO C6501. Also available for both finishers, this option further enhances the scope of applications possible with Konica Minolta's smart colour production system.

With this comprehensive choice of finishing features the bizhub PRO C6501 is perfectly equipped for the production of booklets, brochures, manuals, reports, mailings and other documentation.





# Your options at a glance





KONICA MINOLTA

**Simitri HD**  
High Definition Polymerised Toner



## Technical specifications

### Copier specifications

**Copy speed**  
65 cpm (A4)  
36 cpm (A3)

**Copy resolution**  
600 x 600 dpi

**1st copy/print**  
6.5 sec. (colour A4)

**Gradations**  
256 gradations

**Magnification**  
25–400% in 0,1% steps

**Multiple copies**  
1–9,999, countdown,  
interruption mode

**Copy memory**  
Standard: 4x 256 MB  
Max.: shared with copier HDD

**Copier HDD**  
4x 40 GB

### Printer specifications

**Print speed**  
65 ppm (A4)  
36 ppm (A3)

**Print resolution**  
Max.: 600 x 1,800 dpi

**IC-408 internal EFI  
Fiery controller**

**Page description language**  
PostScript 3, PCL, TIFF, PDF

**Printer driver**  
Windows 2000/XP/Server 2003  
Mac OS X

**CPU**  
Intel Celeron @ 2.8 GHz

**Interface**  
Ethernet (10/100/1000-Base-T)

**Print memory**  
Standard: 512 MB

**Printer HDD**  
80 GB

**IC-305 external EFI  
Fiery controller**

**Page description language**  
PostScript 3, PPML, TIFF, PDF

**Printer driver**  
Windows 2000/2003/XP  
Mac OS X

**CPU**  
Intel Core 2 Duo @ 2.13 GHz

**Interface**  
Ethernet (10/100/1000-Base-T)

**Print memory**  
Standard: 1,024 MB

**Printer HDD**  
160 GB

**IC-304 Plus external  
Creo controller**

**Page description language**  
PostScript 3, PPML, TIFF, PDF, CT/LW, VPS

**Printer driver**  
Windows 2000/2003/XP/NT 4.0  
Mac OS 9.x and 10.x

**CPU**  
Intel Core 2 Duo @ 3,0 GHz

**Interface**  
Ethernet (10/100/1000-Base-T)

**Print memory**  
Standard: 1,024 MB

**Printer HDD**  
3x 250 GB

### Scanner specifications

**Scan speed**  
39 opm (A4)  
22 opm (A3)

**Scan resolution**  
600 x 600 dpi

**Scan modes**  
TWAIN scan  
Scan-to-eMail  
Scan-to-FTP  
Scan-to-SMB  
Scan-to-HDD  
Scan formats  
TIFF (single and multipage), PDF

### System specifications

**Automatic document feeder**  
Up to 100 originals  
35–210 gsm

**Paper weight**  
64–256 gsm  
Up to 300 gsm  
(from bypass or LU-202)

**Paper size**  
A5–A3+ (330 x 487 mm)

**Maximum image area**  
318 x 480 mm

**Duplex unit**  
Non-stack type  
64–256 gsm

**Paper input capacity**  
Standard: 4,250 sheets (with LU-202)

**Paper feed unit**  
1 magazine  
Up to 2,500 sheets paper capacity  
Up to 300 gsm

**Paper output capacity**  
Main tray max.: 3,000 sheets  
Per sub tray max.: 100 sheets

**Booklet finisher FS-607 (Option)**  
Booklet making of up to 20 sheets  
(80 images)  
2-point and corner stapling  
Stapling up to 50 sheets  
Centre fold and letter fold in  
Auto-shift sorting and grouping  
Output for up to 2,500 sheets  
Sub tray for up to 100 sheets

**Staple finisher FS-520 (Option)**  
2-point and corner stapling  
Stapling up to 50 sheets  
Auto-shift sorting and grouping  
Output for up to 3,000 sheets  
Sub tray for up to 100 sheets

**Post inserter PI-502  
(Option for FS-607/FS-520)**  
Pre-printed sheet insertion  
2 PI trays for 200 sheets each

**Punch kit PK-512  
(Option for FS-607/FS-520)**  
Punching (2 and 4 holes selectable)

**Punch kit PK-513  
(Option for FS-607/FS-520)**  
Punching (4 holes)

**Warm-up time**  
Less than 420 sec.

**Main unit dimensions  
(W x D x H mm)**  
786 x 1,056 x 992 (main unit + OC-506)

**Main unit weight**  
360 kg (only main unit)

All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality. All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode.

The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, 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 consumables life will vary depending on the 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.

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