

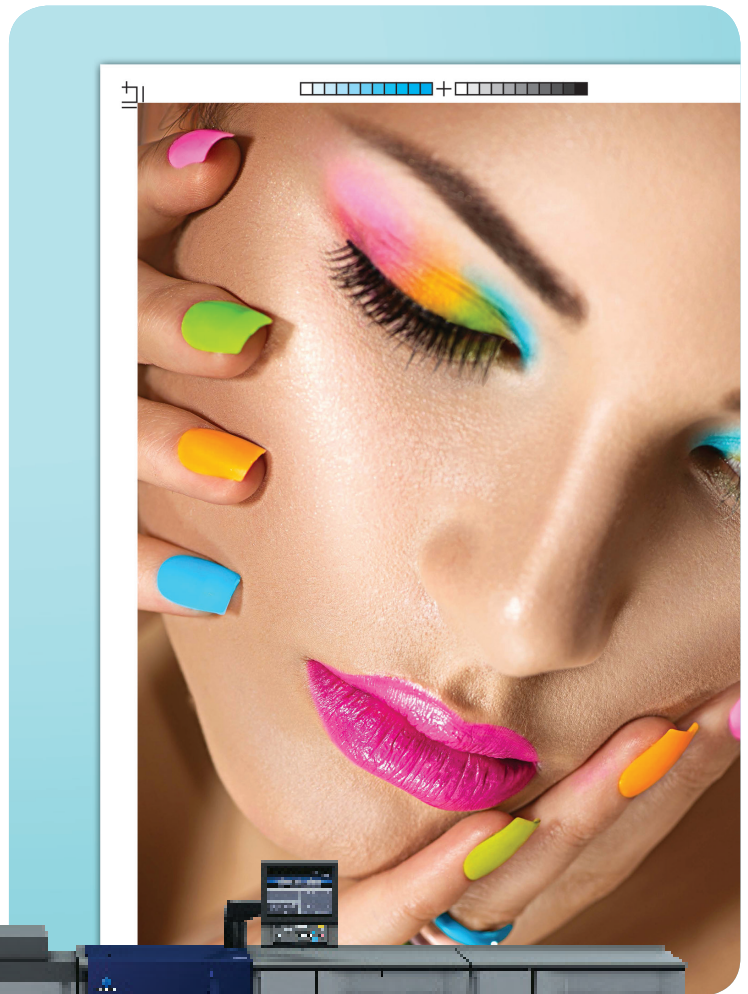


KONICA MINOLTA

TECHNOLOGY

AccurioPress C83hc

HIGH CHROMA DIGITAL PRODUCTION PRESS





COLOUR SO VIVID, YOU CAN SEE OPPORTUNITY IN IT.

Take print to a new level with a wider colour gamut.
And unleash new potential for your business.

One of the biggest challenges facing the print industry today is trying to capture the brilliant colour we see on our monitors or photographs taken by a digital device. Conventional CMYK has not been able to replicate the vibrancy — until now. Konica Minolta's AccurioPress C83hc uses revolutionary High Chroma toner to make colours and images pop like never before — almost as if it is on screen. The result is colour that performs the way you want it to and the way your business needs it to.

EXTENDED COLOUR REPRODUCTION

Colours on a monitor display a wider colour gamut than conventional CMYK printing can achieve. CMYK ink or toner can miss important colours such as pink, purple and bright green. In fact, these colours look dull or muddy when printed with regular CMYK technology.

The AccurioPress C83hc uses a new toner formulated to produce greater saturation and clarity: High Chroma. This truly advanced imaging system reproduces RGB colours with a rich saturation not seen on conventional CMYK.

EXPANDED PRINT OPPORTUNITIES

With a wider array of RGB colours able to be reproduced, you can tap into new applications. Print studio photographs, photo books, corporate identity colour, illustrations, communication graphics, and more. The printed image is brilliant — more visually appealing and impressive than a conventional CMYK system. The larger range of colours is useful for printing spot colours, corporate logos, point-of-purchase, packaging, and posters with high impact.

HIGH PRODUCTIVITY

The AccurioPress C83hc is an exceedingly productive press, with high-capacity paper handling and high-spec finishing options for high-volume printing.

OUTSTANDING VERSATILITY

This is a digital press built for today — made to adapt to changing market conditions and customer needs. It has a wide paper weight compatibility of up to 350 gsm. And it can handle a variety of media with ease, including envelopes, banners and textured stocks.

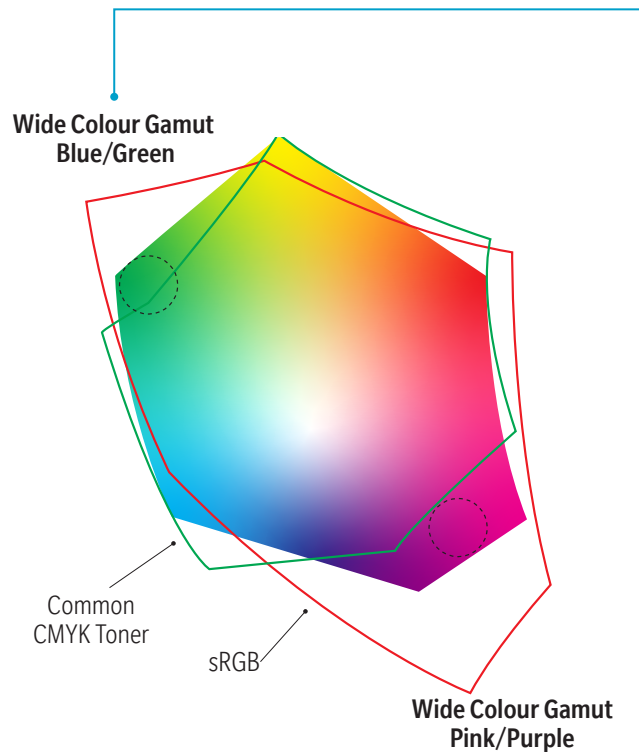
AUTOMATED ADJUSTMENTS

The IQ-501 Intelligent Quality Optimizer makes automated colour and registration adjustments possible — making the use of an external spectrophotometer obsolete. You not only achieve exceptional quality, but also improve productivity and, ultimately, profitability.

HIGH CHROMA TONER COLOUR MODEL.

From the screen to the printed page.

Achieve vibrancy close to RGB with High Chroma toner.



ENHANCED LIGHT BLUE AND GREEN

The combination of a wider colour gamut and higher L value of the High Chroma cyan toner produces clear and bright colours. Colours such as bright blues and greens can be achieved much more effectively than with CMYK toner-based systems.



CMYK toner



High Chroma toner



CMYK toner



High Chroma toner

VIBRANT PINK, PURPLE AND MAGENTA

The large colour difference between CMYK printing and RGB colours displayed on a monitor is one weakness of traditional CMYK print systems that can be avoided with a High Chroma AccurioPress C83hc.

Vivid colour with the AccurioPress C83hc makes it possible for graphic designers to achieve eye-catching materials, giving you a point of differentiation from other printers.

AT A GLANCE AccurioPress C83hc

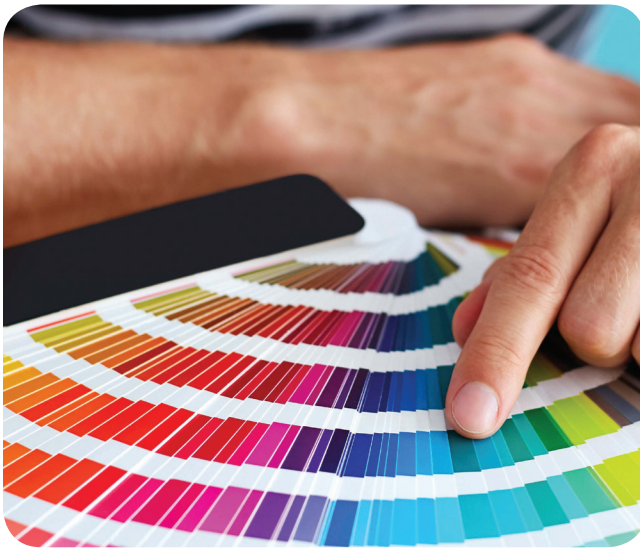


- Extended colour reproduction
- Expanded business applications
- Automatic registration monitoring
- Additional screening options
- Closed-loop density and image control

COLOUR THE WAY IT IS INTENDED TO BE.

Opening your business to unlimited possibilities.

The AccurioPress C83hc has a wider colour gamut, allowing you to match colours within the RGB colour space. The result is colour performance unlike any conventional CMYK printer. And an expanded list of applications that your business can handle with impact.



STUDIO PHOTOGRAPHY AND PHOTO BOOKS

The unique High Chroma toner used by the AccurioPress C83hc utilizes colourants that are brighter and more saturated than traditional toners, resulting in more vibrant colours and smoother skin tones. This makes it ideal for photography and photo book printing.

You can now offer high-quality brochures, catalogues and photo prints made to higher colour standards, to a much wider audience, such as cosmetics, apparel and the photo book market.

NATURE PHOTOGRAPHY AND APPAREL

The AccurioPress C83hc provides the unique ability to reproduce colours that are difficult to achieve using standard CMYK toner. Colours such as sunset purples, the pink of flowers and high-key greens and blues are now easily achievable. This makes it possible to reproduce the true intent of photographers and designers. You can now offer accurate reproduction of critical apparel colours in catalogues or fashion brochures with colour reproduction that is much closer to the actual product colours.

CORPORATE IDENTITY AND COMMERCIAL GRAPHICS

Hit a wider array of spot colours without extra process steps and additional production costs. Select the perfect screening from the available 12 screening options to achieve the perfect result. A selection of dot shapes, screen lines and Stochastic screening provides optimal tonal gradations. Choosing the right screening for the job at hand provides the extra dimension of control that can mean the difference between customer success and disappointment.

COMMERCIAL PRINTERS

The AccurioPress C83hc delivers in-line, closed-loop quality management for automated colour calibration and control. In-line automated image registration maintains productivity without the need for highly specialized press operator skills. Combined with its ability to print a wider range of colours on banners, envelopes and papers up to 350 gsm, the AccurioPress C83hc brings your commercial print business a whole new world of possibilities.

DIGITAL PRINTERS

The AccurioPress C83hc is an affordable solution for digital printing companies that service a wide variety of customers. The one-touch closed-loop image quality management, huge array of stock choices, and extremely robust in-line finishing suite means it meets or exceeds the exacting standards of short-run, variable data, and on-demand workflows.

CORPORATE IN-PLANTS AND FRANCHISE PRINTING

The AccurioPress C83hc offers versatile controller options, spot colour matching and one-touch media setup critical to the diverse legacy job flows and ultra-tight turnaround times of the typical in-plant and franchise print environment.



PRINT WHAT YOU IMAGINE. **THE WAY YOU IMAGINED IT.**

The true power of the AccurioPress C83hc goes beyond colour. It is built to perform accurately and consistently, delivering high-quality work the way your customers want it.

PRECISION REGISTRATION

The AccurioPress C83hc provides greater registration accuracy through the use of a unique technology that can detect and correct for paper misalignment and skew. A high-precision mechanism provides the accuracy needed for duplex printing, repeat jobs and for trimming/bookbinding by automatically correcting paper feed misalignment in the main unit tray. Paper is automatically pressed against the registration roller to correct for misalignment while the registration swing mechanism moves shifted paper into the correct position.

EXPANDED MEDIA RANGE

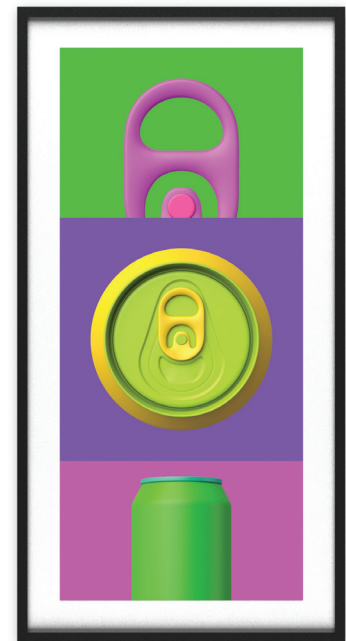
Print up to 350 gsm stock and on a wide range of available papers. Your print service offering can be expanded to include thick stock packages, tags, direct mail and sales promotion tools. The air-suction paper feed mechanism enables reliable feeding of thick paper that produces a high-transport load. In addition, the enhanced paper function enables printing on a variety of paper types with ease. Using the optional envelope-dedicated fusing unit, stable and high-quality envelope printing is possible using a wide range of envelope stocks.

REAL-TIME IMAGE OPTIMIZATION

An IDC sensor located on the intermediate transfer belt automatically monitors density throughout the run ensuring greater image consistency and reduced waste. This will increase profitability and improve customer satisfaction.

LARGE CAPACITY LONG SHEET PRINTING

The AccurioPress C83hc allows you to print the largest banners in its class, up to 51", and duplex paper stock up to 30". An optional paper feeder for 30" banners accommodates 1,000 sheets for continuous feeding of banners, book covers, tri-fold menus and other oversized formats.



AMAZING APPLICATIONS

The AccurioPress C83hc series offers stunning imagery for a diverse application set. From photo books, posters or banners, corporate identity colour, direct mail, point-of-sale and beyond.



WIDE RANGE OF FINISHING OPTIONS FOR UNMATCHED PRODUCTIVITY AND VERSATILITY.

FINISHING OPTIONS

The AccurioPress C83hc series features a variety of finishing options to meet customers' needs and tap into new revenue streams.



Booklets
(including square-fold and full-bleed finishing)



Perfect bound



Punching



GBC punching and binding



Stapling



Stacking



Envelopes



Banner printing



Tri-fold



Gate fold



POWERFUL CONTROLLERS TO OPTIMIZE YOUR WORKFLOW.

Konica Minolta's exclusive internal image controller delivers a powerful, affordable colour management solution that supports Konica Minolta Solution Platform Open API and IWS-related applications. The new web-based job management interface lets the user manage their jobs in any web browser without the need to install proprietary software. This allows the ability to enable hot folders and manage the print queue with ease.

Additional print controller options are also available to offer graphic communications professionals unprecedented colour performance and world-class functionality with hot folders, advanced colour management controls, spot colour libraries and seamless integration with third-party systems.



THE IQ-501 INTELLIGENT QUALITY OPTIMIZER. A GAME CHANGER FOR ACCURACY.

Save time. Reduce waste. Win big.

You have come to expect quality and precision from Konica Minolta, and the IQ-501 Intelligent Quality Optimizer option lives up to our reputation. Picture constant, closed-loop paper registration — image-on-image, image-on-paper and side one/side two registration — on every page, measured and managed automatically, in real time, by your digital press. Skip the use of an external spectrophotometer, manual measurements or complex colour formulas, while achieving the highest industry standards for colour and registration with the simple touch of a button.

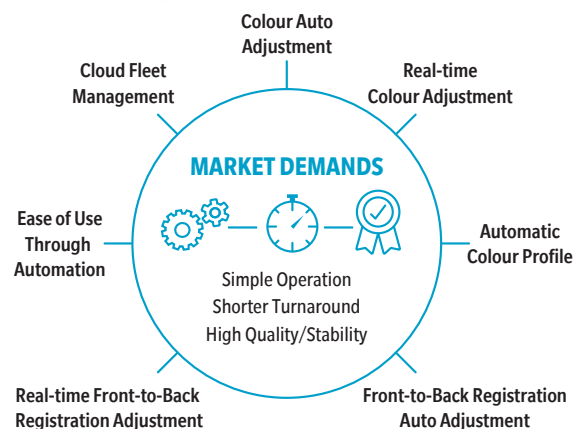
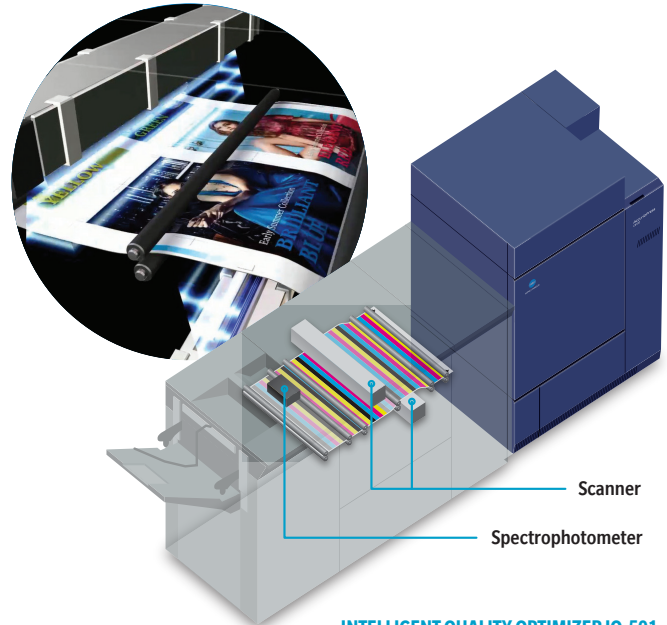
With the IQ-501 Intelligent Quality Optimizer on the AccurioPress C83hc, you will drive results for your business:

- Minimize variability in colour and registration
- Reduce waste through real-time defect detection
- Minimize manual intervention
- Increase uptime and reduce the need for service with automated, autonomous self-correction
- Achieve the highest standards in colour accuracy that meet G7, GRACoL and other print industry calibration requirements

The IQ-501 Intelligent Quality Optimizer is compatible with all controller offerings and allows you to conform to industry specifications for colour, including G7 and GRACoL. The AccurioPress C83hc also supports Cloud-based colour management software for further colour control.

HOW THE IQ-501 WORKS

IQ-501 Intelligent Quality Optimizer uses a spectrophotometer/scanner combination to examine each sheet in real time and, using a closed-loop feedback system, continually measures and transmits colour density, colour fidelity and registration information to the controller. Corrections are then made on the fly, ensuring that every print is of the highest quality, with the least amount of labour intervention.





KEY REASONS YOU NEED THE ACCURIOPRESS C83HC.

SYSTEM FEATURES

BENEFITS

| | |
|---------------------------------------|---|
| High Chroma toner | Extended colour gamut printing creates new business opportunities |
| 80 ppm/letter | High-speed/capacity paper handling for increased productivity |
| 350 gsm paper weight | Media versatility to handle a wider portfolio of applications |
| 1200 x 1200 true dpi | Sharpness to impress the most demanding customers |
| Advanced screening | Choice of 12 screening options improves quality and job versatility |
| Image density control sensor | Automated closed-loop density control reduces print waste |
| Intelligent quality optimizer | Real-time colour control and registration for unmatched consistency |
| 51" long sheet | Print a greater variety of job types for current and new customers |
| Closed-loop paper registration | Image-on-image/front-to-back registration increases uptime |
| AccurioPro Print Manager | Advanced job management and processing for maximum productivity |

AccurioPress

For complete information on Konica Minolta products and solutions, please visit: www.konicaminolta.ca

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Enterprise Content Management (ECM)
Document Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance

IT SERVICES

Cloud Services
Information Security
Managed IT Services
Mobility
24/7 Service Desk Support
Application Delivery
Unified Communications
Networking and Connectivity
Data Protection Services
Disaster Recovery
Asset Procurement and Management

TECHNOLOGY

Office Multifunction Business Solutions
Commercial and Production Printers
Industrial Printers
Wide-format Printers
Scanners
Laptops, Desktops and Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)



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