



KONICA MINOLTA

AccurioPress  
C4080

# BUILD YOUR BRIDGE TO SUCCESS

## RETHINK VERSATILITY



Giving Shape to Ideas

# BE CREATIVE

## RETHINK GRAPHIC COMMUNICATION

Imagine having just a single press that is good for everything: 2-sided banner printing, professional inline finishing, highest productivity, real-time automated quality adjustments, excellent print quality, and so much more. That's the AccurioPress C4080 series from Konica Minolta for you: our agile production colour press with features that enables you to expand your business into new markets and develop new revenue streams.

### Exceptional quality, every print

Exclusive Intelligent Quality Optimizer IQ-501 leverages Konica Minolta's long history of brilliant imaging technology, allowing you to wow your customers with stunning consistent colour prints time and time again.

### Grow your business

The AccurioPress C4080 series expands your business with new capabilities. Our system offers the biggest media variety in the market, from thin to thick paper, embossed paper, envelopes and many more. All supported by our new optional media sensor to guarantee worry-free operation.

### A single engine does it all

The AccurioPress C4080 series is a fully configured press to expand your business as you wish. You can print flat sheets, duplex long sheets of up to 864 mm, or directly finish prints inline with our extensive choice of finishing options to meet your clients' every need in one integrated production process.

### Boost efficiency

Operators of any AccurioPress system can count on simple setup, an ultra-reliable paper path, exceptional productivity and outstanding automated image stability. Our R&D Team has given highest priority to fulfilling today's high demands in the printing industry. What's more, the AccurioPress system seamlessly integrates into various software applications from our portfolio that will make your business more economic.







# INNOVATE PRINT RETHINK TECHNOLOGY

The innovative Intelligent Quality Optimizer IQ-501 takes consistency and registration accuracy to a new level. The IQ-501 provides extensive automation for image position and registration on the one and colour control on the other hand. This is made possible with our proprietary closed-loop control system that checks and corrects printed output. Automation provided by the IQ-501 also extends to colour calibration and profiling – all designed to reduce operator time and print wastage while increasing productivity.

## S.E.A.D. X Image Processing

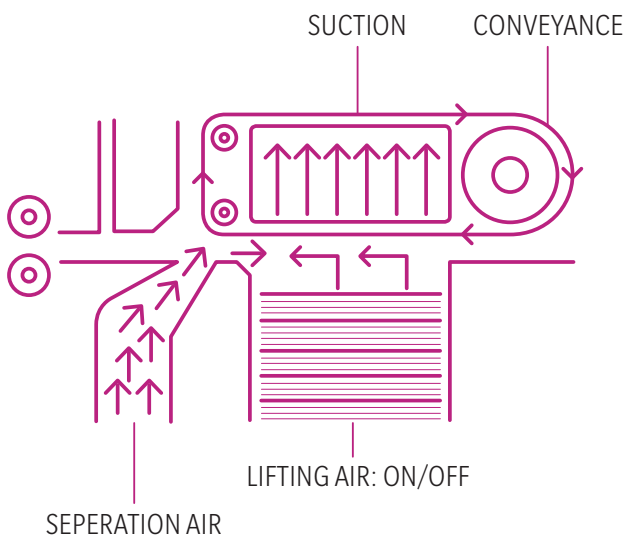
Konica Minolta’s own advanced colour processing technology of the fifth generation is called S.E.A.D. X, which stands for “Screen-Enhancing Active Digital Process”, and combines an array of technical innovations to guarantee truly exceptional colour reproduction at top speed.



## Intelligent Media Sensor

The optional media sensor IM-101 automatically detects the type, weight, thickness and surface of each substrate, and proposes the appropriate

paper settings from the catalogue, which makes wrong paper settings a thing of the past avoiding misprints and waste.



## Vacuum paper feeding

It is essential for high-volume printers to feed each and every sheet smoothly and precisely through the digital press. To ensure this, Konica Minolta offers professional and intelligent paper feeding that builds upon proven concepts, including a combination of air separation of sheets and suction/ vacuum feeding. This ensures smooth paper processing throughout the printing system. For efficient printing on offset preprinted and coated stock as well as under high humidity conditions, an optional heating unit can be added to enhance this precise technology further.



# STATE-OF-THE-ART PRINT SERVER

## RETHINK YOUR USER EXPERIENCE

### THE IC-609 KONICA MINOLTA OWN CONTROLLER

The Konica Minolta IC-609 print controller brings powerful workflow benefits – including 2,400 dpi printing, high-speed RIP processing, enhanced accuracy in colour reproduction, colour management functions and full compatibility with print engine on-board job control and editing functions.

### THE IC-317 FIERY IMAGE CONTROLLER

Providing advanced job management and workflow automation, the Fiery® IC-317 reduces labour costs, cuts turnaround times, and minimises errors as well as waste. The instant visual preview and advanced make ready capabilities streamline job layouts. Support of industry-leading variable data printing (VDP) formats facilitates the profitable production of personalised short-run jobs.

### THE IC-419 INTERNAL FIERY IMAGE CONTROLLER

As the embedded Fiery® controller alternative, the IC-419 offers a combination of affordability, versatile colour management and PCL support plus a wide range of security features. It helps improve the ease of use of AccurioPress systems, and simplifies workflows so that our digital colour presses deliver truly professional print results, making any configuration an ideal business solution for your company's printing facilities.













# STREAMLINE YOUR PRODUCTION

## RETHINK YOUR WORKFLOW

Evolving from our expertise in precision technologies and more than 80 years of experience in the printing and imaging industries, AccurioPro reflects our commitment to developing market-shaping technology with functionality that enables your business to grow. AccurioPro, Konica Minolta's suite of digital solutions for professional printing, is one of the industry's most versatile and powerful tools to optimise print production operations and workflows.

For all printing companies looking to integrate their printing as well as businesses that use digital printing to produce their own in-house publications and promotional materials, AccurioPro boosts speed and

efficiency, expands capabilities and services, and reduces the need for operational manpower – all of which will help improve your profitability!

The comprehensive suite of features that AccurioPro offers includes centralised management, software for automated workflow processing, colour management, seamless integration of different printing technologies and full connectivity of all Konica Minolta printing systems used from input to output.















# YOUR ADVANTAGES WITH THE AccurioPress C4080/C4070

## RETHINK PRODUCTION PRINTING

### READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 30 mm
- Automated inline business card and postcard cutting
- Full bleed banners, A3 and A4 posters

### DURABLE PERFORMANCE

#### AccurioPress C4080

- Up to 81 A4 colour pages per minute
- Up to 45 A3 colour pages per minute

#### AccurioPress C4070

- Up to 71 A4 colour pages per minute
- Up to 39 A3 colour pages per minute





## HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- Fusing-rolling mechanism

## HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFI® or proprietary Konica Minolta controller
- Integration into hybrid workflows

## EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings
- Open API/IWS support

## SOPHISTICATED MEDIA HANDLING

- Air suction or air-assisted paper feeding technology
- Up to 11 paper trays
- Long sheet printing of up to 1300mm (simplex), 864mm (duplex)

## SIMPLY EFFICIENT

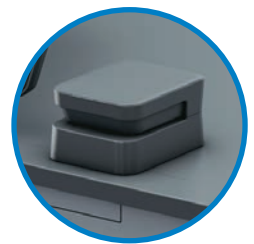
- Automated engine linearisation
- Automated duplex registration
- Automated profiling
- Real-time adjustments
- Purge function

## COMPREHENSIVE MEDIA PROCESSING

- Up to 360gsm paper weight in simplex and duplex
- Envelope print function as standard
- Optional media sensor estimates paper weight and type

## PERFECT IMAGE QUALITY

- S.E.A.D. V technology and 3,600 x 2,400 dpi x 8 bit resolution
- Simitri HDe toner technology
- Image density control technology





# FINISHING & FUNCTIONS



2/4 hole  
Punching

















Two-point  
stapling



Corner  
stapling



Stacking

Open stacker <b>OT-512</b>						
Staple finisher <b>FS-532m</b>						
Booklet making unit <b>SD-513</b>						
Stacking unit <b>LS-507</b>						
Folding and punching unit <b>FD-503</b>						
Perfect binding unit <b>PB-503</b>						
Booklet making unit <b>SD-506</b>						
Trimming unit <b>TU-510</b>						











# 10 GOOD REASONS FOR AccurioPress C4080 SERIES



## 1. SIMPLY EFFICIENT

with Intelligent Media Sensor, Intelligent Quality Optimizer and many unique inline finishing options.



## 2. PERFECT IMAGE QUALITY

with Konica Minolta's very own Imaging Technology and Toner development.



## 5. ENHANCE YOUR RANGE OF PRINT OFFERINGS

and fulfill today's demands for versatile and creative print products.



## 6. OUTSTANDING PAPER COMPATIBILITY

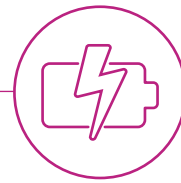
Media up to 360 gsm. Excellent versatility with class leading banner printing, envelop printing and texture printing capabilities.





### 3. SEAMLESS INTEGRATION

into Konica Minolta's application portfolio.



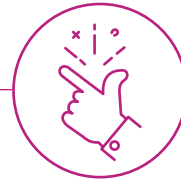
### 4. VERSATILITE CONFIGURATIONS

over 200 possibilities to configure your own press.



### 7. SHORT TURNAROUNDS

with automated quality control and inspection on the fly.



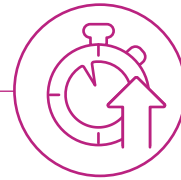
### 8. LOW LEARNING CURVES

Precise colour matching, even for novice operators, avoids or at least minimises learning curves



### 9. BENEFIT FROM GREAT BUILT-IN TECHNOLOGIES

e.g. the latest screening and registration technologies.



### 10. HIGH OUTPUT EVEN WITHOUT SKILLS

by improved technologies.



# TAKE THE LEAD AND SHOW RESPONSIBILITY

## RETHINK TOMORROWS BUSINESS

### Commercial printers

The AccurioPress C4080 series supports you in growing your business and getting the most out of your investment. Its high speed, high productivity and high uptime help you achieve shortest turnaround times, while the great media flexibility with stocks of up to 360gsm, long sheets of up to 1300 mm, envelopes and structured media will further enhance the variety of your print offerings. Colour quality issues are a thing of the past as the AccurioPress C4080 includes numerous auto control and adjustment features. What's more, an inspection system can be applied to make sure only impeccable prints leave your shop.

### CRDs

The AccurioPress C4080 series provides the highest degree of automation and produces quality on the highest level. With its professional inline finishing, you can create ready-made products at the push of a button; and the Intelligent Quality Optimizer IQ-501 makes sure that the print quality is automatically set, monitored and continuously corrected. The versatile media flexibility and high productivity make the AccurioPress C4080 series a solid and lucrative investment for the future.

### Sustainability

Konica Minolta promotes sustainable development and integrates environmental and social perspectives into its business strategies. In building your business, you can rely on Konica Minolta products to underpin your green strategy.

Committed to help prevent global warming, Konica Minolta strives to reduce CO<sub>2</sub> emissions during product manufacture, product distribution, at the sales stage, and during product use – with even stricter targets than demanded by the Kyoto Protocol.

Enabling carbon neutrality, Konica Minolta proposes to its customers the offset of unavoidable CO<sub>2</sub> emissions for production printing. Together with the experts from Climate Partner, we offer a new and profound concept for professional production devices.









# CONTROLLER AND OPTIONS

## RETHINK THE NEEDS

### KONICA MINOLTA IMAGE CONTROLLER IC-609

Architecture	Internal
OS	Linux
CPU	Intel Core i5 6500
Clock speed	3.2 GHz
RAM std	16 GB
HDD	1 TB x 2
Page-description language	PostScript3 (PS PS3020); PDF Ver1.7; TIFF Ver6 compatible; PPML Ver2.2; APPE Ver4.6; PDF/VT ver2
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-15

### FIERY IMAGE CONTROLLER IC-317

Architecture	External
OS	Windows 10
CPU	Intel Core i5-6500
Clock speed	3.2 GHz
RAM std	8 GB
HDD	1 TB
Page-description language	PostScript3 (CPSI 3020); PDF Ver1.7; PPML Ver3.0; APPE Ver5; PDF/VT 2; PCL (5, 6) emulation
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-15

### FIERY IMAGE CONTROLLER IC-419

Architecture	Internal
OS	Linux
CPU	Intel Pentium G4400
Clock speed	3.3 GHz
RAM std	8 GB
HDD	500 GB
Page-description language	PostScript3 (CPSI 3020); PDF Ver1.7; APPE Ver5; PCL (5, 6) emulation
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-15

### OPTIONS

Internal KM image controller	IC-609
APPE kit	UK-220
External EFI image controller	IC-317
Internal EFI image controller	IC-419
Video interface kit	VI-515
HDD kit	UK-112
Local connection kit	EK-612
Card authentication equipment	AU-201S
Automatic document feeder	DF-713
Platen cover	OC-511
Working table	WT-511
Fusing unit for envelopes	EF-107
Option heater	HT-511
Patlite	MK-744C
Intelligent media sensor	IM-101
All in one finisher	FS-532m
Saddle stitcher for FS-532m	SD-510
Punch for FS-532m	PK-525
PI mount kit for FS-532m	MK-732
Post inserter for FS-532m	PI-502

Saddle stitcher (50 sheets)	SD-506
Saddle stitcher (50 sheets)	SD-513
Square fold for SD-513	FD-504
Creaser for SD-513	CR-101
Slitter for SD-513	TU-503
Large capacity stacker	LS-507
Carrier for LS-507	LC-502
Trimmer unit	TU-510
Creaser for TU-510	CR-102
Slitter for TU-510	TU-504
Banner unit for TU-510	MK-764
Card unit for TU-510	JS-507
Creaser (upward convex) for TU-510	CR-103
Perforation unit FD for TU-510	PE-101
Perforation unit CD for TU-510	PE-102
Dust box for TU-510	MK-765
Folding unit	FD-503
Perfect binder	PB-503
Open stacker	OT-512
Output tray	OT-511
Turnover relay unit	RU-510
Hybrid decurler	RU-518m
Humidifier for RU-518m	HM-103
Intelligent Quality Optimizer	IQ-501
Relay conveyance unit	RU-702
Auto inspection kit	UK-301
Video interface kit	VI-514
Banner output tray unit	MK-761
2-Tray Paper feed unit	PF-602m
Dehumidifier fan heater for PF-602m	HT-504
3-Tray Paper feed unit	PF-707m
Dehumidifier fan heater for PF-707 m	HT-506
Intermediate Conveyance Unit	FA-502
Large capacity unit	LU-202m
Large capacity unit	LU-202XLm
Dehumidifier fan heater for LU-202m/XLm	HT-503
Envelope feeding kit	MK-746
Multi-bypass tray	MB-509
Multi-bypass tray	MB-508
Banner input tray unit	MK-760









KONICA MINOLTA

# TECHNICAL SPECIFICATIONS

## RETHINK PRODUCTION PRINTING

### SYSTEM SPECIFICATIONS

Resolution	3,600 x 2,400 dpi x 8 bit
Paper weight	62 – 360 g/m <sup>2</sup>
Paper sizes	330.2 x 487.7 mm 330.2 x 864 mm (max. duplex) 330.2 x 1300 mm (max. simplex)
Paper input	Max.: 15,390 sheets
Dimension (WxDxH)	800 x 903 x 1076 mm
Unit weight	312 kg

### PRODUCTIVITY

#### AccurioPress C4080

A4 – max. per minute	81 ppm
A3 – max. per minute	45 ppm

#### AccurioPress C4070

A4 – max. per minute	71 ppm
A3 – max. per minute	39 ppm

- 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.

**Product appearance, configuration and/or specifications are subject to change without notice.  
This product is not available for some countries or regions.**

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#### 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).

**Konica Minolta Business Solutions Middle East, DMCC**  
**Jumeirah Lakes Towers, Indigo Tower**  
**Dubai, United Arab Emirates**  
**PO Box 338322**  
**Tel. No. +97148808388**  
**email: [marketing-me@konicaminolta.com](mailto:marketing-me@konicaminolta.com)**  
**URL: [www.konicaminolta.com](http://www.konicaminolta.com)**