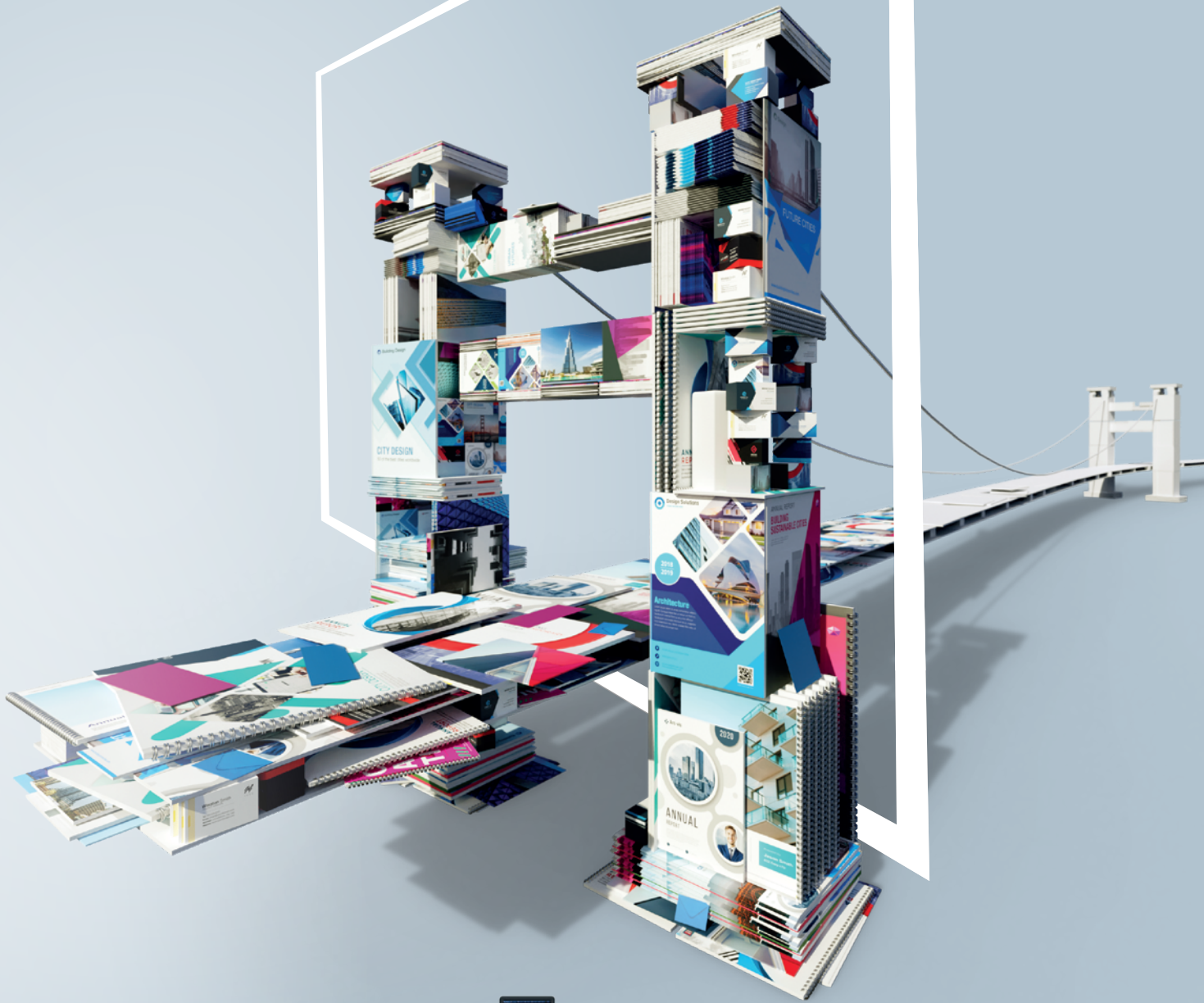KONICA MINOLTA

AccurioPress
C4080/C4070

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

INTELLIGENT QUALITY CARE IQ

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.

S.E.A.D. X

Media Detection 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.

SUCTION   CONVEYANCE

LIFTING AIR: ON/OFF

SEPERATION AIR
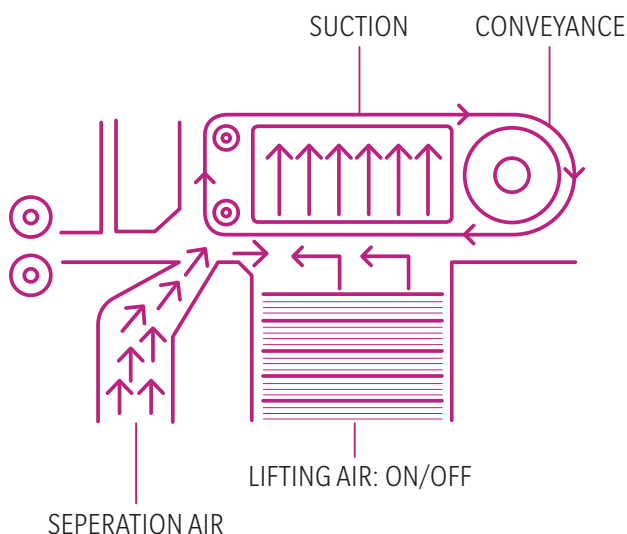
Vacuum paper feeding

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 at full rated engine speed, 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 minimizes 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 personalized 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.
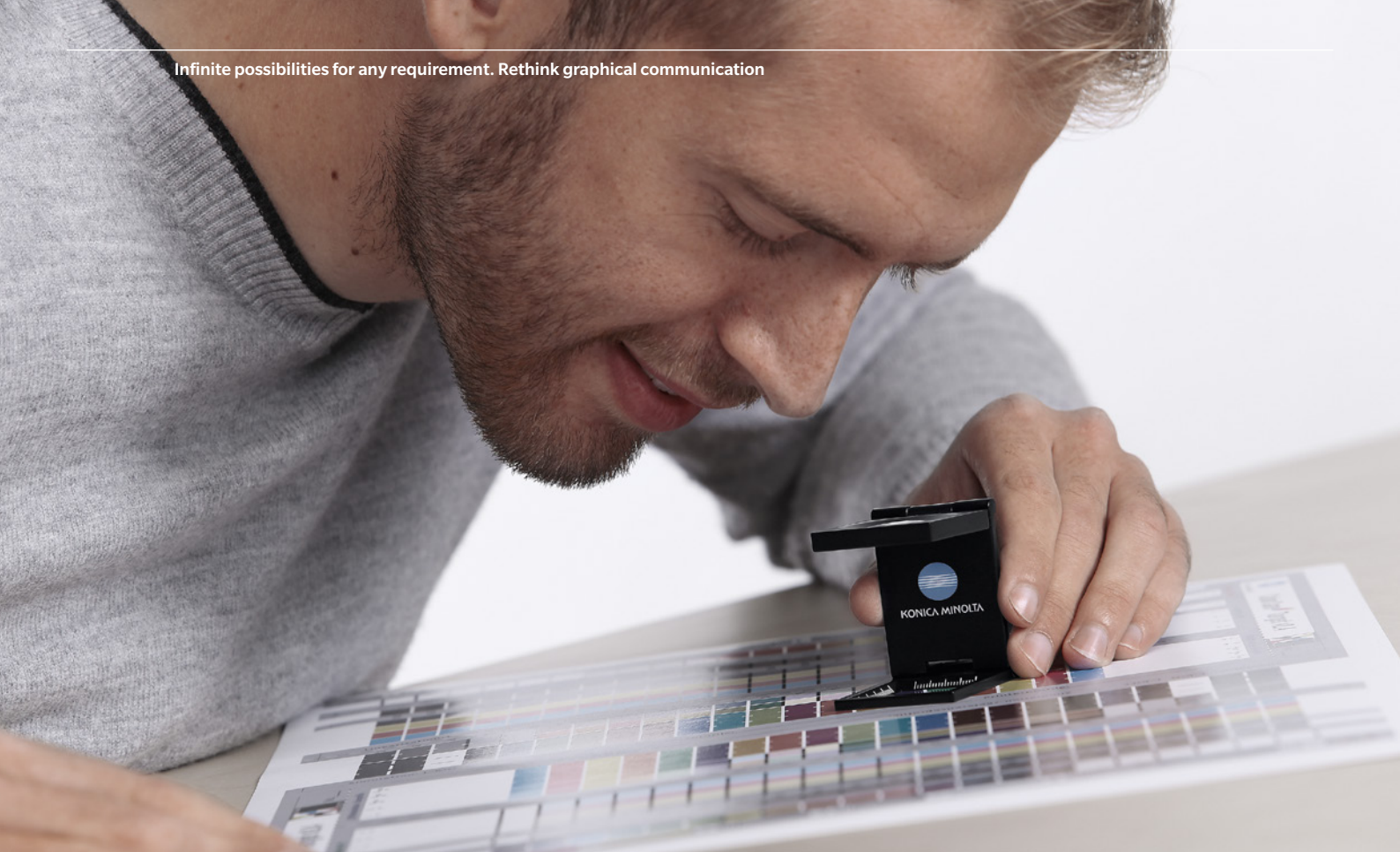
STREAMLINE YOUR PRODUCTION
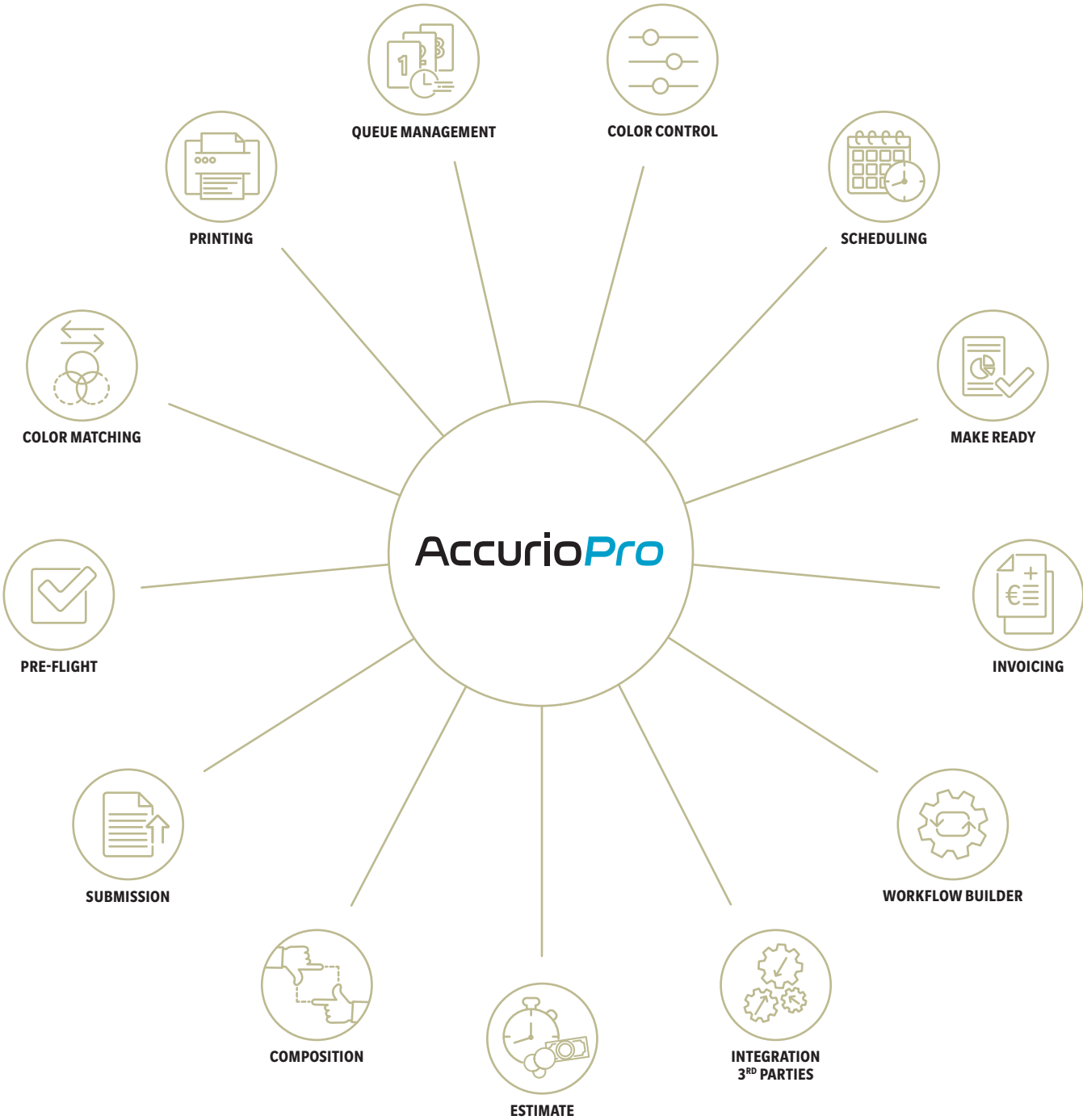## RETHINK YOUR WORKFLOW

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.

AccurioPro
POSSIBILITIES
RETHINK YOUR WORKFLOW

QUEUE MANAGEMENT

COLOR CONTROL

PRINTING

SCHEDULING

COLOR MATCHING

MAKE READY

AccurioPro

PRE-FLIGHT

INVOICING

SUBMISSION

WORKFLOW BUILDER

COMPOSITION

INTEGRATION 3ᴿᴰ PARTIES

ESTIMATE

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

– 100-sheet stapling with cutting mechanism

– 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
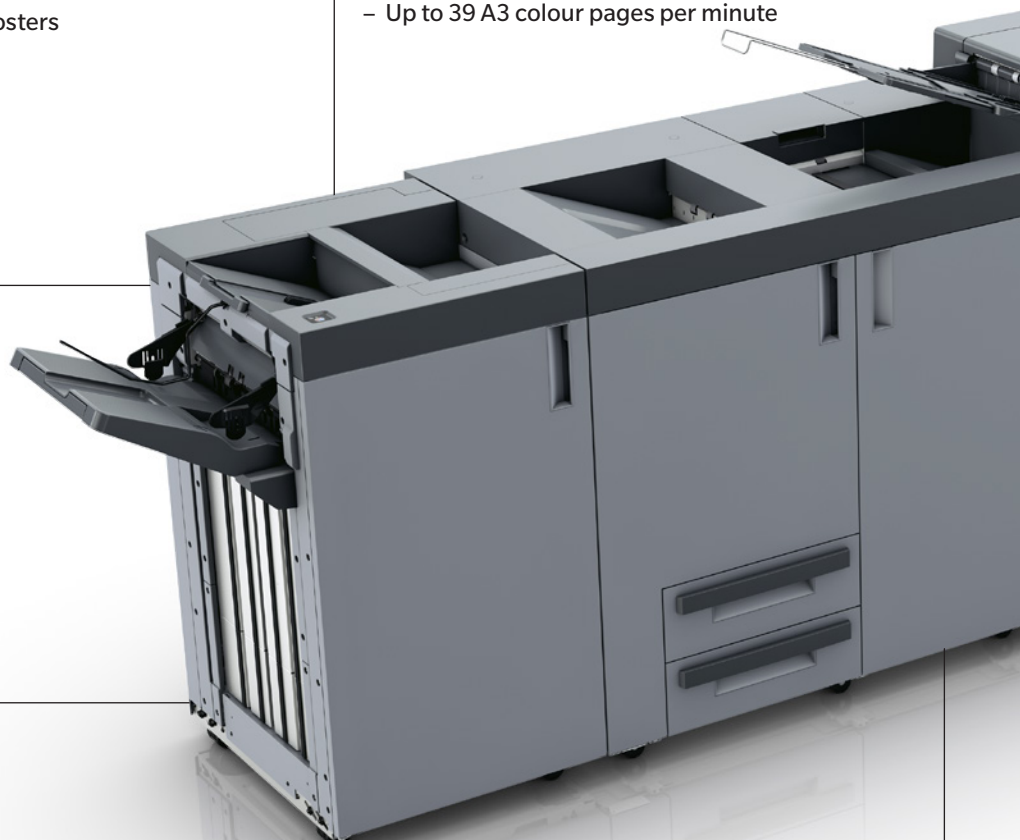
3RD PARTY FINISHING

– Watkiss PowerSquare™ 224 and PowerSquare™ 160 for bookletmaking

– Plockmatic SD-500/SD-350 booklet maker

– GBC Punch G2 for multi punching

– GBC Binder G1 for Wire bound books

– Max MB-200 for plastic bound books

SIMPLY EFFICIENT

– Automated engine linearisation

– Automated duplex registration

– Automated profiling

– Real-time adjustments

– Purge function

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

– Operator Replaceable Unit Management

– 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)

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

COMPREHENSIVE MEDIA PROCESSING

– Up to 360gsm paper weight in simplex and duplex

– Optional media sensor estimates paper weight and type

– Envelope print function as standard

– Support for embossed paper

FINISHING & FUNCTIONS

		Letter fold	2/4 hole Punching	Two-point stapling	Corner stapling	Stacking	Booklet
Open stacker **OT-510**						✓	
Ring binding unit **MB-200 Max Finisher**							
Staple finisher **FS-532m**		✓	✓	✓	✓	✓	✓
Booklet making unit **SD-513**						✓	✓
Stacking unit **LS-507**						✓	
Folding and punching unit **FD-503**			✓				
Perfect binding unit **PB-503**							
Booklet making unit **SD-506**						✓	✓
Trimming unit **TU-510**							
Booklet making unit **Plockmatic SD-350/500**							✓
Booklet making unit **Watkiss Powersquare 224/160**							✓
Ring binding unit **GBC G1**							
Multi punching unit **GBC G2**							
Multi purpose stacker **Plockmatic MPS-130**						✓	

	Trimming	Creasing	Slitting	Square-folding	Multi Letter fold-In	Post Insertion	Perfect Binding	Wire-binding	Ring-binding	Multi-punching
ENTRY									✓ (standard)	
MID						✓ (optional)				
MID	✓ (standard)	✓ (optional)	✓ (optional)	✓ (optional)	✓ (standard)					
MID					✓ (standard)	✓ (standard)				
MID						✓ (standard)	✓ (standard)			
MID	✓ (standard)									
MID	✓ (standard)	✓ (standard)	✓ (standard)							
HIGH	✓ (optional)	✓ (optional)	✓ (optional)	✓ (optional)		✓ (optional)				
HIGH	✓ (standard)		✓ (standard)	✓ (standard)						
HIGH								✓ (standard)		
HIGH										✓ (standard)

Legend: ● standard ○ optional

10 GOOD REASONS
FOR AccurioPress C4080 SERIES

1. SIMPLY EFFICIENT

with Media Detection 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.
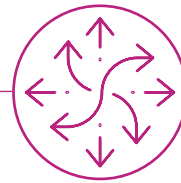
4. VERSATILITE CONFIGURATIONS

over 700 possibilities to configure your own press.

7. SHORT TURNAROUNDS

with automated quality control and inspection on the fly.
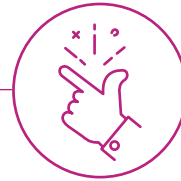
8. LOW LEARNING CURVES

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

9. BENEFIT FROM GREAT BUILT-IN TECHNOLOGIES

e.g. the latest screening and registration technologies.
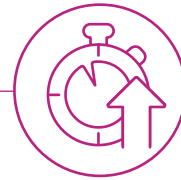
10. HIGH OUTPUT EVEN WITHOUT SKILLS

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 our 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_2 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_2 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

FIERY IMAGE CONTROLLER IC-317

Architecture	External
OS	Windows 10
CPU	Intel® i5 6500
Clock speed	3.2 GHz
RAM std	8 GB
HDD	1 TB
Page-description language	Adobe PostScript 3; native PDF print support V2.0; 183 Adobe PS fonts; APPE v5; CID fonts; PCL5/PCL6; Optimized PDF & PS; Fiery FreeForm Plus; Fiery FreeForm; PDF/VT-1/2; Creo VPS
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	Windows 10
CPU	Intel® Pentium® Processor G4400
Clock speed	3.3 GHz
RAM std	8 GB
HDD	500 GB
Page-description language	Adobe PostScript 3; native PDF print support V2.0; 183 Adobe PS fonts; APPE v5; PCL5/PCL6; Optimized PDF & PS; Fiery FreeForm Plus; Fiery FreeForm
Applicable OS	Windows 8.1/10; Windows Server 2012/2016/2019; Mac OS X 10.11–15

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	2 TB (2 x 1TB)
Page-description language	Adobe PostScript 3; APPE (with UK-220); TIFF v6; PDF 1.7, X-1a, X-3, X-4, VT2; PPML 2.2; PCL 5c; XL; PCL XL; JDF/JMF
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11–15

OPTIONS

KM Image Controller	IC-609
EFI external Controller	IC-317
EFI internal Controller	IC-419
Paper Feeding Unit	PF-602m
Dehumidifier heater	HT-504
Paper feeding unit	PF-707m
Dehumidifier heater	HT-506
PFU connection Kit	FA-502
Large capacity feeding unit	LU-202m
Dehumidifier heater f. LU	HT-503
Envelop printing guidef. LU	MK-746
Large capacity feeding unit (banner)	LU-202XLm
Multi bypass feeding	MB-508
Banner Paper Feeder kit	MK-760
Multi bypass tray	MB-509
Intelligent Media Sensor	IM-101
Output Tray	OT-511
Relay Unit	RU-518m
Humidifier	HM-103
Intelligent Quality Optimizer	IQ-501
Purge Unit	RU-702
Auto Inspection Unit	UK-301
Envelop Fusing Unit	EF-107
Long Sheet Kit (Output)	MK-761
3rd party Interface	MK-737
Trimmer Unit	TU-510
Creasing kit (Downwards)	CR-102
Creasing kit (Upwards)	CR-103
Center Slit kit	TU-504
CD Perforation kit	PE-102
FD Perforation kit	PE-103
Banner paper kit	MK-764
Business Card kit	JS-507
Folding and Punching Unit	FD-503
Stacking Unit	LS-507
Handcart	LC-502
Booklet Making Unit	SD-506
Booklet Making Unit	SD-513
Square Folding Kit	FD-504
Slitter Kit	TU-503
Creaser Kit	CR-101
Perfect Binding Unit	PB-503
Stapling Unit	FS-532m
Saddle Stitcher Kit	SD-510
Punch Kit	PK-525
Post Inserter Kit	PI-502
Press & Trim Kit	PT-220
Corner Forming Kit	SF-204
Output Tray Unit	OT-512
Long Sheet Kit (Output)	MK-761
Ring Binding Unit	MB-200
GBC Punch Unit	GBC Punch G2
GBC Wire Binding Unit	GBC Wire G1
Booklet Making Unit	Plockmatic SD-350/500
Booklet Making Unit	Watkiss Powersquare PSQ-160/224
Long sheet Stacking Unit	Plockmatic MPS-130

TECHNICAL SPECIFICATIONS
RETHINK PRODUCTION PRINTING

SYSTEM SPECIFICATIONS

Resolution	3,600 x 2,400 dpi x 8 bit
Paper weight	62 – 360 g/m2
Paper sizes	330.2 x 487.7 mm
	330.2 x 862 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	316 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.