



KONICA MINOLTA

AccurioPress
C7100/C7090

MAKE A POWERFUL IMPRESSION

RETHINK AGILITY



Giving Shape to Ideas

DISCOVER AGILITY THAT CREATES OPPORTUNITY

More profitable business through a press that works smarter, not harder – this was key in the development of AccurioPress C7100 and AccurioPress C7090. With a focus on optimizing performance, offering new and advanced print products, and growing the entire business, the AccurioPress C7100 series will serve more of your customers efficiently and deliver more jobs effectively. The agility of our innovative technologies will empower you to move your business towards increased success.

INTELLIGENT AUTOMATION

By instantly detecting the precise stock you're using, the optional Intelligent Media Sensor IM-101 significantly reduces production time. At the same time, the optional IQ-501 Intelligent Quality Optimizer ensures perfectly consistent color quality and front-to-back registration on every print in real time. And as there's no recalibrations or inspections mid-run, you'll benefit from improved productivity as well.

ENHANCED FINISHING

The optional in-line TU-510 4-edge trimming unit cuts, creases and perforates to produce stunning full-bleed trimmed book jackets, postcards, greeting cards, business cards, coupons and more. Removing the need for off-line finishing means fewer operator touchpoints for faster and more efficient print runs.

FLAWLESS QUALITY

Our latest Simitri V toner is eco-friendly and formulated for performance. Fast melting, energy efficient and low maintenance, it reproduces superb quality on a wider range of media up to 400 gsm. Combined with an output resolution of 3,600 dpi equivalent x 2,400 dpi, you will get outstanding results even from the fastest, longest print runs.

ADVANCED CAPABILITIES

With auto-duplex banners up to 35.4" and the flexibility to handle uncoated and textured media, its handling so simple that one operator can run even the most complex projects. So, why not say yes right now to more opportunities that will grow your business!

EXCEPTIONAL DURABILITY

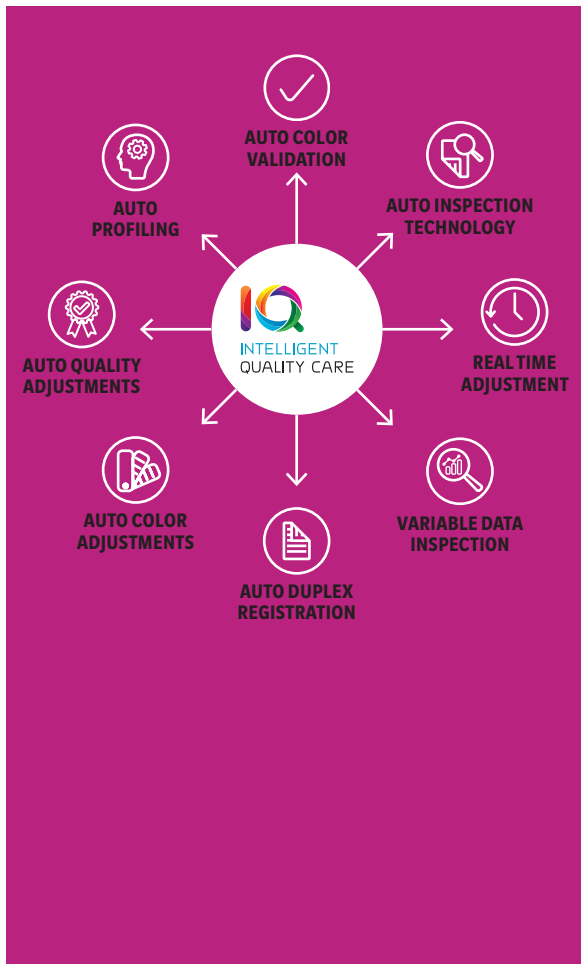
Reliability drives profitability. Among the new technologies built into the engine are a more durable lubricated drum, double corona wires with automatic cleaning, an optimized paper transport solution, and a double swing registration system for improved paper compatibility and feeding accuracy.



INNOVATE PRINT NEXT-GEN TECHNOLOGY

Intelligent Quality Care

The IQ-501 Intelligent Quality Optimizer takes color consistency and registration accuracy to the next level. With highly automated image registration and color control, a closed-loop system that constantly monitors and adjusts printed output, and automated color calibration and profiling the IQ-501 delivers less operator intervention, reduces waste, and boosts industry-leading productivity!



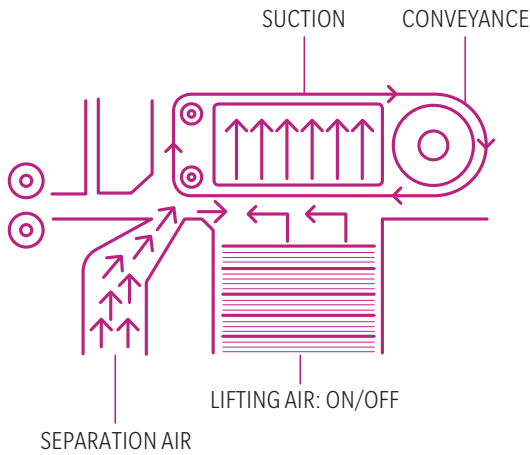
Simitri[®] V

Simitri[®] V Toner

Konica Minolta's innovative Toner technology Simitri[®] V gives superb print quality and a more offset like matte finish. Furthermore, it supports the high productivity of AccurioPress C7100 series and it requires a lower fusing temperature which reduces the energy consumption of the system and the impact of the printing process on the paper. Simitri V was designed to easily follow the surface of the paper or substrate to guarantee best possible print quality on uncoated, textured, or recycled materials.

S.E.A.D. X Image Processing

Konica Minolta's own advanced color 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 color reproduction at top speed.



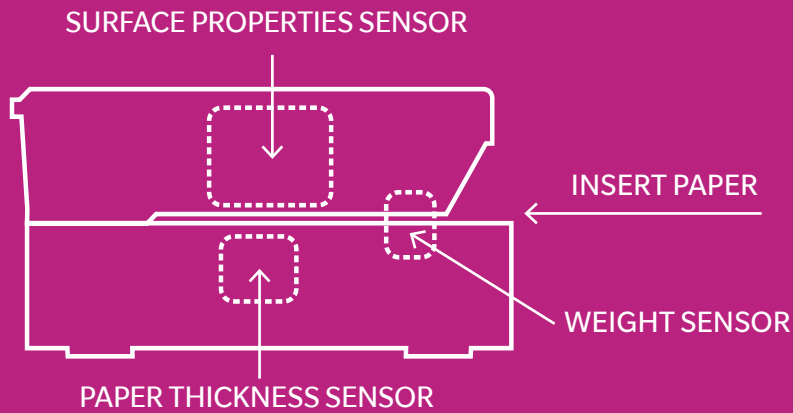
Vacuum paper feeding

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 for all formats up to 35.4 inches in length 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 uncoated, textured and coated stock as well as under high humidity conditions; an optional heating unit can be added to enhance this precise technology further.

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 catalog, which makes inaccurate paper settings a thing of the past, avoiding misprints and waste.



STATE-OF-THE-ART- PRINT-SERVER PRODUCTION PRINT BOOSTED

THE IC-609 KONICA MINOLTA 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 color reproduction, color management functions and full compatibility with print engine on-board job control and editing functions.

IC-318L EFI FIERY CONTROLLER

Reduce labor costs, cut turnaround times, and minimize errors and paper waste with the advanced job management and workflow automation that the Fiere® IC-318L provides. Streamline your job layout with the Fiere's instant visual preview and advanced make ready capabilities. What's more, supporting industry-leading variable data printing (VDP) formats, the Fiere also produces personalized short-run jobs profitably.

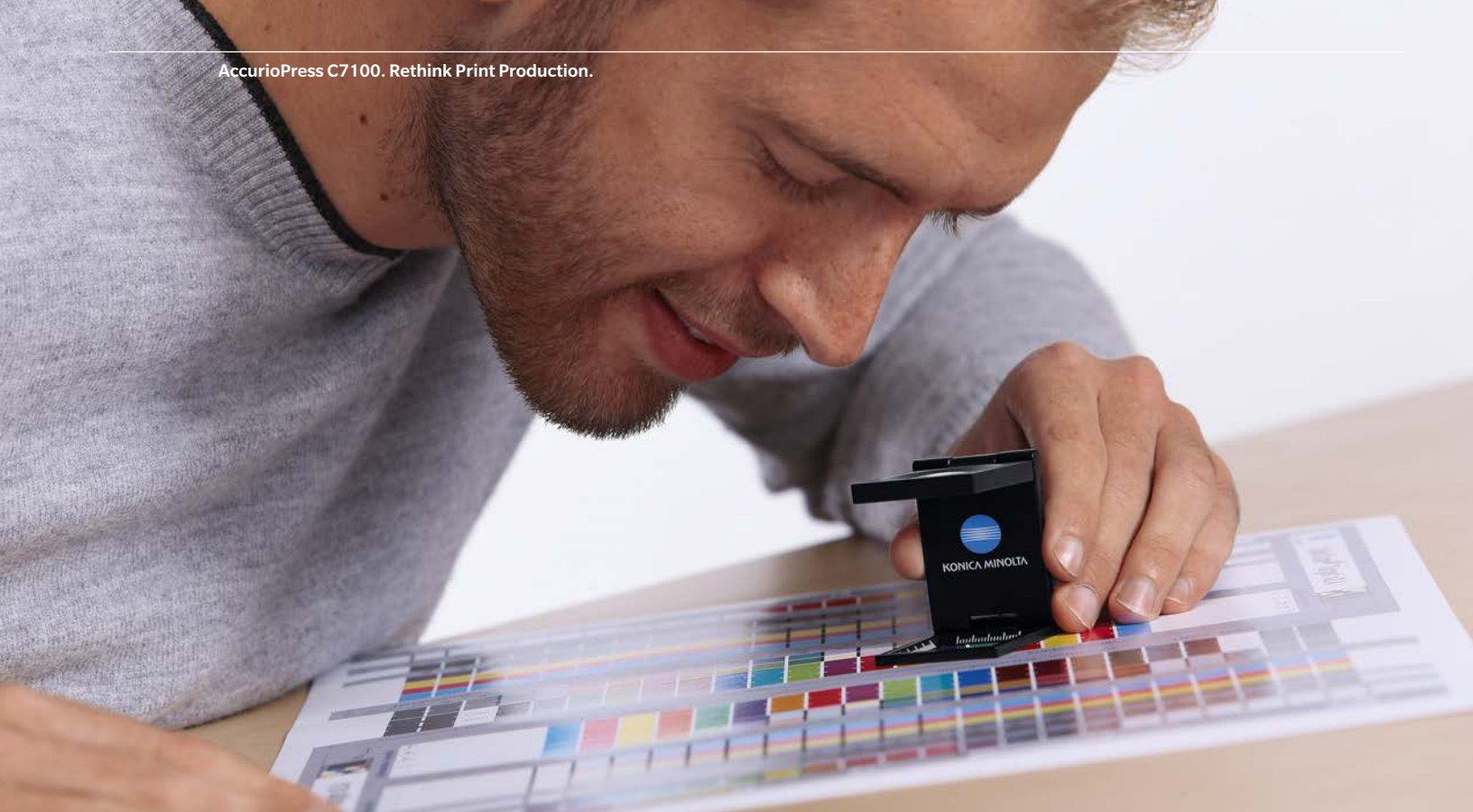
IC-319 EFI FIERY CONTROLLER

The top-of-the-line Fiere® IC-319 will improve your bottom line with best-in-class processing, outstanding color and time-saving workflows. If you want the best out-of-the-box color consistency and accuracy with powerful color matching, profiling, and automated calibration, look no further! With EFI™ management information systems and web-to-print solutions, the IC-319 eliminates touch points and optimizes production; plus it integrates with industry-leading prepress workflow solutions.

IC-316 CREO CONTROLLER

The Creo® IC-316 external print controller supports perfect variable data printing integration and is the ideal choice for hybrid prepress workflows. Beyond that, the Creo features advanced spot color profiling, a complete Pantone GOE library, Remote Site Manager status tracking, JDF connectivity, Creo job ticket software, and much more.





STREAMLINE YOUR PRODUCTION WITH OPTIMIZED WORKFLOWS

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 optimize print production operations and workflows.

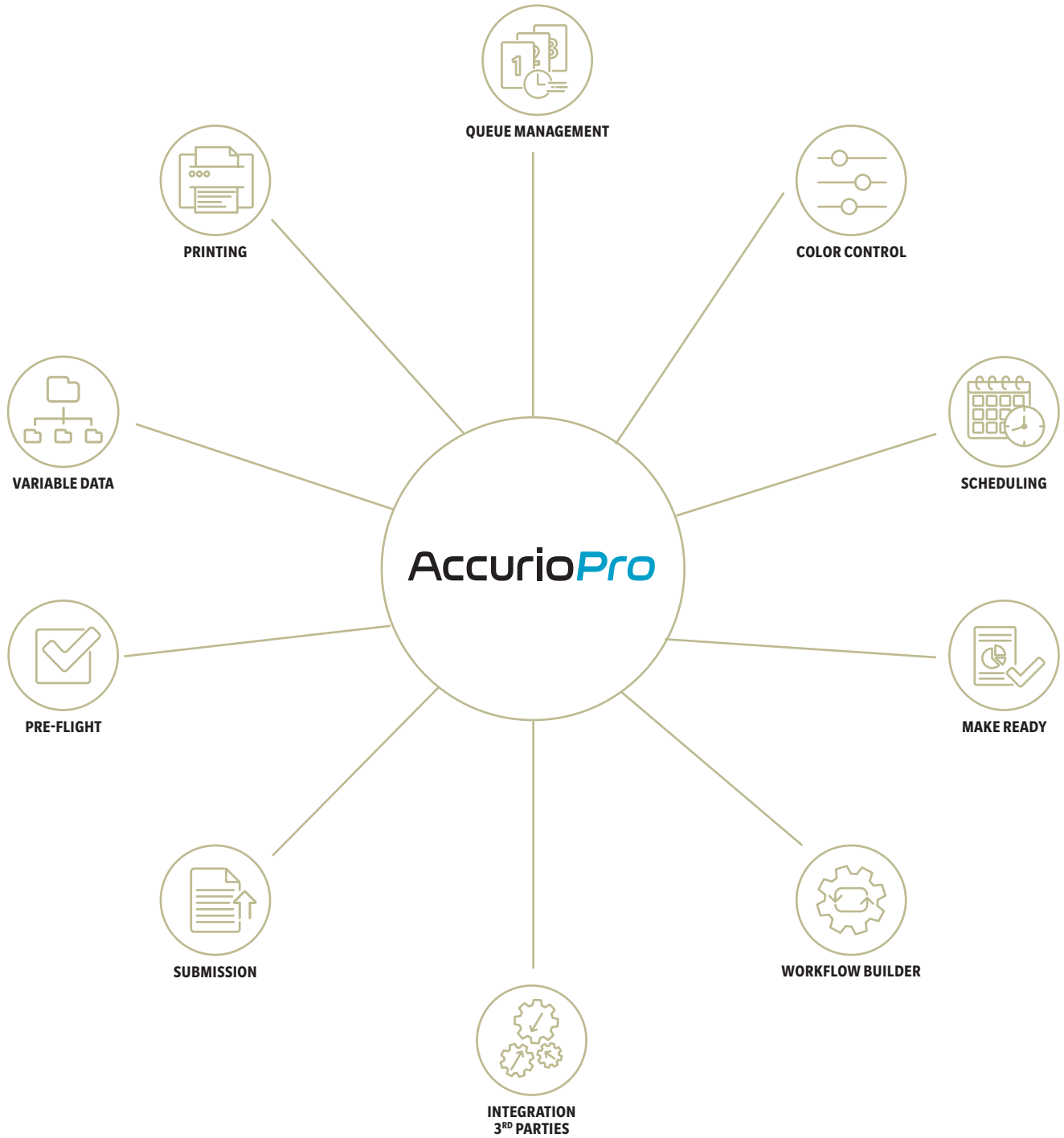
For all printing companies looking to integrate their printing as well as businesses that use digital printing to produce their own in-house publications and promotional materials, AccurioPro boosts speed and efficiency, expands capabilities and services, and reduces the need for operational manpower – all of which will help improve your profitability!

The comprehensive suite of features that AccurioPro offers includes centralized management, software for automated workflow processing, color 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



YOUR ADVANTAGES WITH THE AccurioPress C7100 / C7090

AUTOMATED PRINT PRODUCTS

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 300-sheets
- 100-sheet stapling with cutting mechanism
- 100-sheet wire binding
- Automated inline business card and postcard cutting
- Full bleed output including long sheets

DURABLE PERFORMANCE

AccurioPress C7100

- Duty Cycle of up to 1.8 million prints
- Up to 100 8.5 x 11" color pages per minute
- Up to 53 12 x 18" color pages per minute

AccurioPress C7090

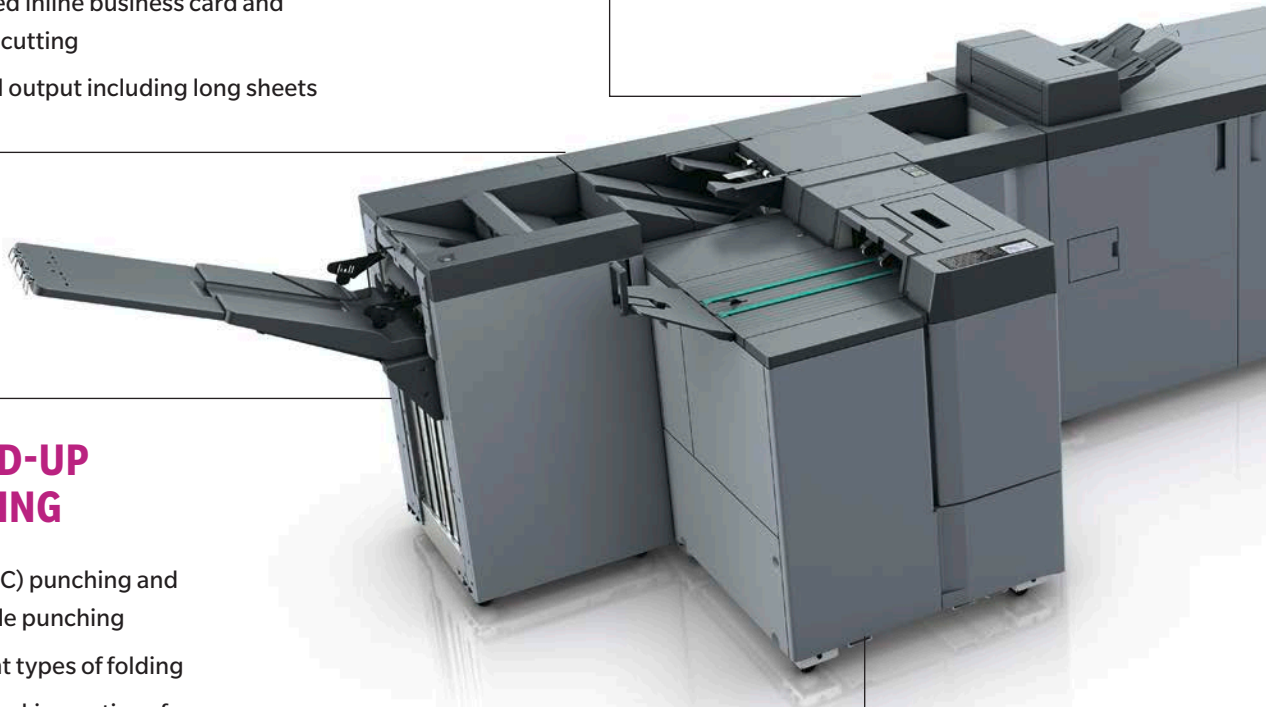
- Duty Cycle of up to 1.62 million prints
- Up to 90 8.5 x 11" color pages per minute
- Up to 47 12 x 18" pages per minute

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 3-hole punching
- 6 different types of folding
- Booklet making options from Plockmatic
- Large-capacity stacking
- Perforation in both feed and cross direction
- Up to 5 Creases downwards or upwards

SIMPLY EFFICIENT

- Automated engine linearization
- 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
- For prints with maximum efficiency
- For lucrative short-run printing

HIGH-END PRINT CONTROL

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

EASE OF USE

- Simple paper catalog settings
- Operator Replaceable Parts
- Auto Inspection Technology

PERFECT IMAGE QUALITY

- 3,600 (equiv.) x 2,400 dpi x 8 bit
- Simitri V toner technology
- Image density control technology

SOPHISTICATED MEDIA HANDLING

- Automatic media recognition
- Air-suction feeding technology
- Up to 15,140 sheets paper input capacity
- Up to 11 paper input trays
- Up to 2,300 sheets paper input for long sheets (up to 35.4 inches)

COMPREHENSIVE MEDIA PROCESSING

- Up to 400 gsm paper weight in simplex and duplex printing
- Long sheet size of up to 51 inches (duplex up to 35.4 inches)
- Reliable thin paper feeding through air-blow fusing separation
- Envelope printing
- Textured paper support
- Optional post fuser humidification for decurling



FINISHING & FUNCTIONS



Letter fold



2/3 hole Punching



Two-point stapling



Corner stapling



Stacking



Booklet



Trimming

Open stacker
OT-512



Staple finisher
FS-541/532m



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



Ring binding unit
GBC G1



Multi punching unit
GBC G2



Plockmatic bookletmaker
SD-350/500





























Plockmatic bookletmaker
PSQ-160



Plockmatic bookletmaker
PSQ-224



	 Creasing	 Slitting	 Perforation	 Square-folding	 Multi Letter fold-In	 Post Insertion	 Perfect Binding	 Wire-binding	 Multi-punching	
										ENTRY
										
										MID
										
										
										HIGH
										
										
										
										





Visit Horseshoe Bend, Arizona —
One of the Most Unique Places
Around the World



LEAD WITH PRINT AND SUSTAINABILITY

MADE YOUR BUSINESS

Commercial printers

The AccurioPress C7100 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 400 gsm, long sheets of up to 51.1 inches, envelopes and uncoated and textured media will further enhance the variety of our print offerings. Color quality issues are a thing of the past as the AccurioPress C7100 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.

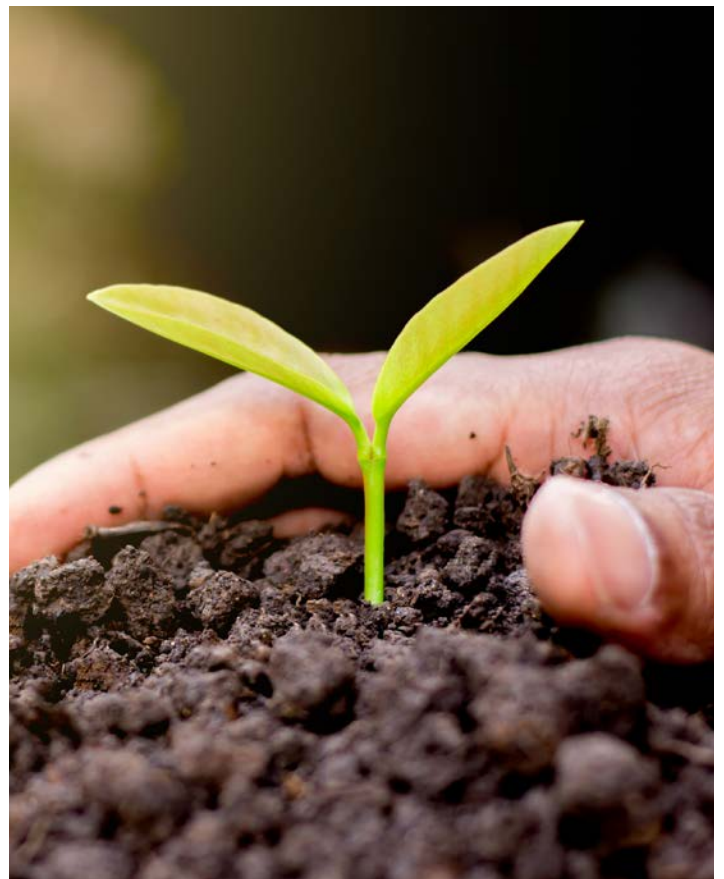
Central Reprographic Departments

The AccurioPress C7100 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 C7100 series a solid and lucrative investment for the future.

DESIGN FOR OUR PLANET

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

Committed to help prevent global warming, Konica Minolta strives to reduce CO₂ emissions during product manufacture, product distribution, at the sales stage, and during product use. Enabling carbon neutrality, Konica Minolta offers its customers the offset of unavoidable CO₂ emissions for production printing. Together with the experts from Climate Partner, Konica Minolta proposes a new and profound eco concept for our professional production presses.





CONTROLLER AND OPTIONS

FIERY IMAGE CONTROLLER IC-319

Architecture	External
OS	Windows 10
CPU	Intel® Xeon 5118
Clock speed	2.3 GHz
RAM std	32 GB
HDD	4.5 TB
Page-description language	Adobe PostScript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-15

FIERY IMAGE CONTROLLER IC-318L

Architecture	External
OS	Windows 10
CPU	Intel i7-6700
Clock speed	3.4 GHz
RAM std	16 GB
HDD	1 TB
Page-description language	Adobe PostScript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-15

CREO IMAGE CONTROLLER IC-316

Architecture	External
OS	Windows 10
CPU	Intel i7-8700
Clock speed	3.2 GHz
RAM std	20 GB
HDD	8 TB
Page-description language	Adobe PostScript 3; PDF v1.7; APPE v4.9; PDF/VT-1/-2; PDF/X1a,3,4; PPML v2.2; Creo VPS; AFP; IPDS; JPEG; TIFF (v6,1bit)
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; 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 image controller	IC-318L
EFI external image controller	IC-319
CREO external image controller	IC-316
Paper Feeder Unit	PF-712
Paper Feeder Unit with Scanner	PF-713
Paper Feeder Unit	PF-812
Dehumidifier Heater	HT-506
Multi Bypass Tray	MB-511
Large capacity feeding unit	LU-208
Large capacity feeding unit	LU-208XL
Dehumidifier Heater	HT-518
Envelop printing guide	MK-746
Multi bypass feeding	MB-510
Intelligent Media Sensor	IM-101
Conveyance Unit	RU-518m
Humidifier	HM-103
Intelligent Quality Optimizer	IQ-501
Purge Unit	RU-702
Auto Inspection Unit	UK-301
Inspection Enhancement kit	UK-311
VDP Verification kit	UK-312
Envelope Fusing Unit	EF-108
Output Tray Unit	OT-512
Long Sheet kit (Input)	MK-760
Long Sheet kit (Output)	MK-761
3rd party Interface	MK-737
Relay Unit	RU-510
Stapling Unit	FS-541
Stapling Unit	FS-532m
Saddle Stitcher kit	SD-510
Punch kit	PK-525
Mount Kit	MK-732
PostInserter kit	PI-502
Folding and Punching Unit	FD-503
Booklet making Unit	SD-506
Booklet making Unit	SD-513
Folding kit	FD-504
Trimmer kit	TU-503
Creaser kit	CR-101
Stacking Unit	LS-507
Handcart	LC-502
Perfect Binding Unit	PB-503
Trimmer Unit	TU-510
Creaser kit	CR-102
Trimmer kit	TU-504
Long Sheet kit	MK-764
Job Separator kit	JS-507
Creaser kit upwards	CR-103
Perforation kit Horizontal	PE-101
Perforation kit Vertical	PE-102
Scrap ejection kit	MK-765
GBC Binding Unit	G1
GBC Punching Unit	G2





KONICA MINOLTA

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Resolution	3,600 (equiv.) x 2400 dpi x 8 bit
Paper Weight	52–400 gsm
Duplex Unit	Non-stack type; 52–400 gsm
Paper sizes	13" x 19.2" (330.2 x 487.7 mm) Long Sheet - Simplex: 13" x 51.1" (330.2 x 1,300 mm) Long Sheet - Duplex: 13" x 35.4" (330.2 x 900 mm)
Max. Paper input capacity	15,140 sheets
Main unit dimensions (W x D x H)	31.5" x 44.8 x 58.19" (800 x 1,138 x 1,478 mm)
Main unit weight	Approximately 738.5 lbs.

PRODUCTIVITY

AccurioPress C7100

8.5 x 11" color - max. per minute	100 ppm
8.5 x 11" mono - max. per minute	110 ppm
12 x 18" color - max. per minute	53 ppm
12 x 18" mono - max. per minute	58 ppm
8.5 x 11" color - max. per hour	5,613 pph
8.5 x 11" mono - max. per hour	6,103 pph

AccurioPress C7090

8.5 x 11" color - max. per minute	90 ppm
8.5 x 11" mono - max. per minute	110 ppm
12 x 18" color - max. per minute	48 ppm
12 x 18" mono - max. per minute	58 ppm
8.5 x 11" color - max. per hour	5,047 pph
8.5 x 11" mono - max. per hour	6,103 pph

- All specifications refer to 8.5 x 11" size paper of 80 gsm quality unless otherwise noted.
- 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.
- 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.



Learn more at
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