

KONICA MINOLTA

20  
YEARS OF PRINT  
POSSIBILITIES

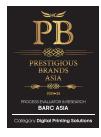
AccurioPress C7100 [ENHANCED»](#)  
AccurioPress C7090 [ENHANCED»](#)

THE NEW ACCURIOPRESS RANGE

# REACH YOUR AMBITION



Giving Shape to Ideas



# DISCOVER THE WAY AHEAD

At a time of changing customer needs, growing competition and a rapidly transforming technology landscape, you can trust AccurioPress to streamline your operations and boost productivity, empowering you to expand your service offer and conquer new markets with confidence and creativity. The enhanced AccurioPress C7100/ C7090 is built for automation, efficiency and reliability in small and midsize print environments, supported by a global team of specialists dedicated to helping you achieve your business goals.

## Intelligent Automation

AccurioPress features proprietary technology that automates many of the time-consuming manual tasks that slow down the production cycle. With reduced setup times, less error and fewer interruptions, operators are freed up to focus on the skilled creative work that delivers most value to your customers and your business.

## Reliable Performance

Your ability to deliver flawless quality, faultless color reproduction and dependable delivery times is what sets you apart from your competitors. Our ability to support you, every step of the way, is what sets us apart from ours. Our machines are built for heavy-duty use and compact efficiency at speed, with remote monitoring and diagnostics to ensure maximum uptime, so you can continue to meet your customers' most exacting demands, day after day.

## Sustainable Efficiency

Reductions in energy and resource consumption deliver big savings over the life of your investment, enabled by Konica Minolta's holistic sustainability- first approach. Further efficiencies delivered by inline integration, automated media detection and intelligent quality optimization save time and money by minimizing downtime and waste while keeping you on track to meet tight deadlines.

## Trusted Support

Beyond machine installation and maintenance, we bring a wealth of technical and commercial expertise to support you in pursuit of your business goals. With over twenty years of innovating at the forefront of production print, our team of expert consultants is uniquely qualified to help you identify new revenue opportunities, optimize your production flows and solve your business challenges.

## A Trusted Partner

At Konica Minolta, we understand that we only succeed when you do. Accordingly, we approach customer relationships as partnerships in growth, delivering ongoing value by solving your problems, building your confidence, and providing expert guidance and ongoing assistance to maximize the value of every job you undertake.

## Designing for Tomorrow

From pre-sales to onboarding to troubleshooting, our technical specialists offer accessible expertise to help you gain maximum business value from your investments.

We're committed to sustainable development at every stage of the product life cycle. In fact, as part of the 50 Climate Leaders initiative, we've joined forces with some of the world's biggest manufacturing companies to help combat climate change.

And beyond the machine, we offer a wealth of industry knowledge and commercial experience to help you optimize workflows and identify new revenue streams.

We offset all emissions produced in the manufacturing and transportation of our products and we can work with you to offset any unavoidable CO2 emissions resulting from your production printing.

And once you've finished with any of our products, we offer a high-quality returns and recycling service - reducing waste, increasing efficiency, and helping to preserve natural resources for future generations.

# BUILT FOR BUSINESS

The enhanced AccurioPress C7100/C7090 is designed with an unswerving focus on delivering additional value to your business.



The ability to deliver quality, accuracy and consistency on deadline is vital to building the customer loyalty on which your business growth depends.



Reduced energy and resource consumption, and less waste, will save money and enhance your environmental credentials among all stakeholders.



Streamlined workflows and automated processes make both people and machines more productive and increase job satisfaction for you and your employees.



By adding new capabilities you can expand your service offering, opening up new markets and revenue opportunities to fuel future growth.



Robust, heavy-duty build and responsive maintenance and repair services mean less downtime, less disruption and fewer deadlines missed.

## 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 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.

# OPTIMIZED FOR GROWTH

**Supported by Konica Minolta's global team of technical and commercial experts, the enhanced AccurioPress C7100/C7090 feature a suite of upgraded technologies to deliver these business benefits and help you reach your ambition.**

Intelligent Color Control accurately measures and controls colors through use of L\* a\* b\* values during production, ensuring quality and consistency every time.

Intelligent Quality Care automates image registration and color control in a closed-loop system that constantly monitors and adjusts output without interrupting workflows, eliminating the need for time-consuming manual checks.

Innovative Simitri V toner system delivers consistently outstanding print quality and both gloss and offset matte finishes on the widest range of materials, with lower fusing temperature to reduce energy consumption.

Konica Minolta's advanced color processing technology - Screen-Enhancing Active Digital Process (S.E.A.D. X) - ensures accurate color management at high speed, efficiently maintaining consistent quality with minimal disruption to ensure customer expectations can be met or exceeded every time.

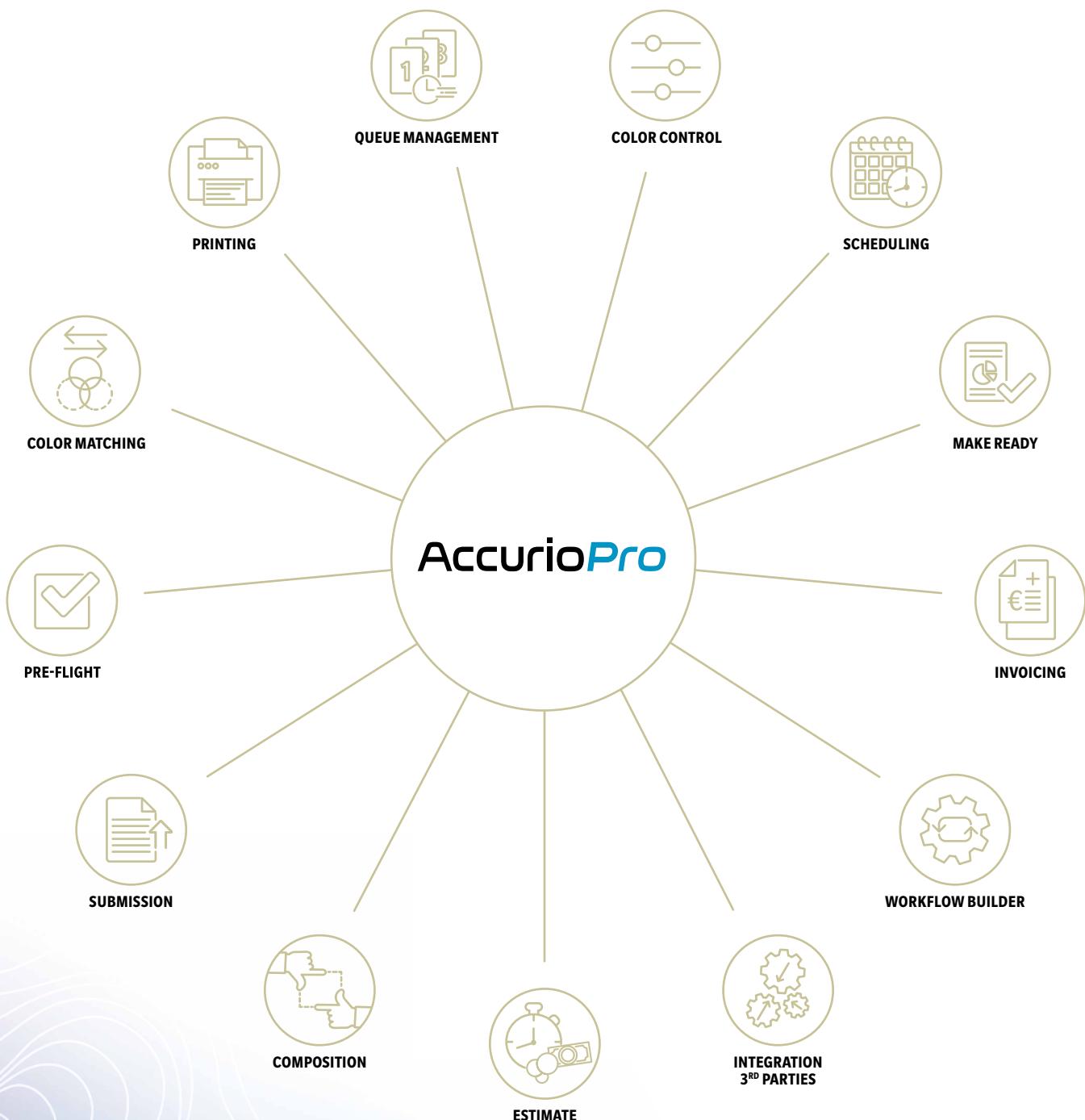
Vacuum paper feeding for formats up to 900mm length ensures smooth paper handling throughout the system. An optional heating unit is available for offset preprinted and coated stock and high humidity environments.

Compact, space-efficient design optimizes physical footprint for smaller print environments.

Konica Minolta's Clean Planet Program offers cost-free recycling to help businesses minimize environmental impact and meet sustainability goals.

# AccurioPro POSSIBILITIES

## RETHINK YOUR WORKFLOW



# REDEFINING WHAT'S POSSIBLE IN PRODUCTION PRINT

WHAT'S NEW, IMPROVED AND UPDATED  
IN THE AccurioPress C7100/C7090 ENHANCED

## PERFECT IMAGE QUALITY

- Intelligent Color Control
- S.E.A.D. X Image Processing
- 2,400 x 3,600 equiv. dpi x 8bit
- Advanced color reproduction at high speed
- Image density control

## HIGH PERFORMANCE

### AccurioPress C7100 Enhanced

- Duty Cycle up to 1.8 million prints
- Up to 100ppm A4 color
- Up to 53ppm SRA3 color

### AccurioPress C7090 Enhanced

- Duty Cycle up to 1.62 million prints
- Up to 90ppm A4 color
- Up to 48ppm SRA3 color

## HEAVY DUTY RELIABILITY

- Long-life platform, long-lasting parts & consumables
- Accurate front to back registration
- Profitable short-run printing with maximum efficiency
- Remote monitoring and diagnostics
- Responsive maintenance and repair



## SOPHISTICATED MEDIA HANDLING

- Automated media recognition
- Vacuum feeding technology
- 15,150 sheets input capacity with up to 11 input trays
- 2,300 sheets input capacity for long sheets (up to 900mm)

## INTUITIVE USER EXPERIENCE

- Simple paper catalogue settings
- Operator-replaceable parts
- Auto Inspection Technology
- Intelligent Color Control

## COMPREHENSIVE MEDIA PROCESSING

- Up to 400g/m<sup>2</sup> in simplex & duplex printing
- Long sheet size to 1,300mm (duplex up to 900mm)
- Air-blow fusing separation for thin paper feeding
- Envelope printing & embossed paper support
- Optional inter-cooler curl eliminator
- 102-sheet auto ring binding

## IN-LINE FINISHING

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- 100-sheet stapling with cutting mechanism
- Automated inline business card and postcard cutting
- Multi (GBC) punching and 2- & 4-hole punching
- Folding x6; creasing x5 downwards or upwards
- Large-capacity stacking
- Perforations x2 feed, x5 cross feed

## SUSTAINABLE BY DESIGN

- Simitri<sup>®</sup> V Toner offering gloss and matte finishes
- Lower fusing temperature
- Clean Planet Program
- Cost-free recycling



# 10 GOOD REASONS FOR AccurioPress C7100 ENHANCED SERIES



## 1. BUSINESS EXPANSION

Compatible with thin to thick media and superior banner printing capabilities



## 2. INTELLIGENT AUTOMATION

Minimize preparation time with easy and quick setup routines, e.g. for media, colors, registration



## 3. NEW PRINT PRODUCTS

Extend your offerings with textured media, envelope and long sheet duplex printing



## 4. HIGHEST RELIABILITY

Durable design and accurate registration for quality products with minimum waste



## 5. AUTOMATED FINISHING

Many unique inline finishing options to create ready-to-ship booklets, perfect bound books, ring binding, business cards or full bleed banners and many more



## 6. FAST TURN AROUND

Same high engine performance on all kinds of media combined with closed loop quality control and inspection technology



## 7. SUPERB IMAGE QUALITY

Simitri V, high print resolution and Konica Minolta's very own imaging technology guarantee happy customers



## 8. WORRY-FREE OPERATION

Real-time quality control for consistent and faultless print products



## 9. INCREASED UPTIME

Long-lasting consumables, high paper input capacity and dependable productivity secure uninterrupted production



## 10. EASE OF USE

Even novice operators will get very good and consistent results at the tip of a finger

# INNOVATE PRINT

## RETHINK TECHNOLOGY

# Simitri V

### Intelligent Quality Optimizer IQ-501

The Intelligent Quality Optimizer IQ-501 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, IQ-501 delivers streamlined operator time, reduced print waste, and industry-leading productivity!



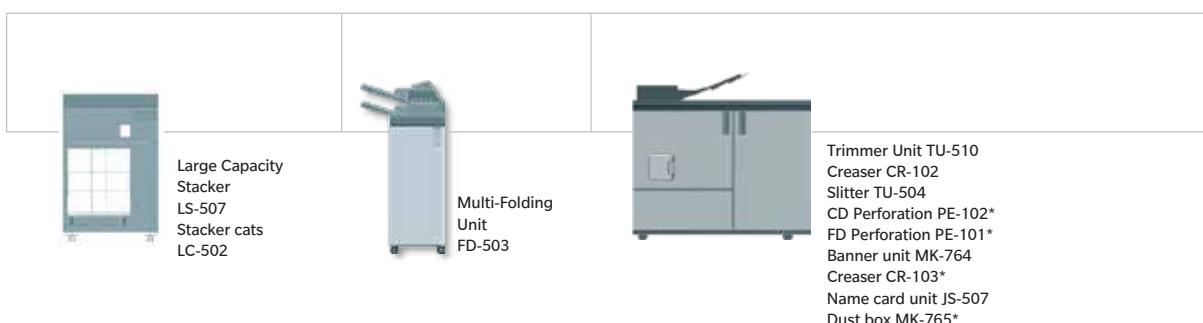
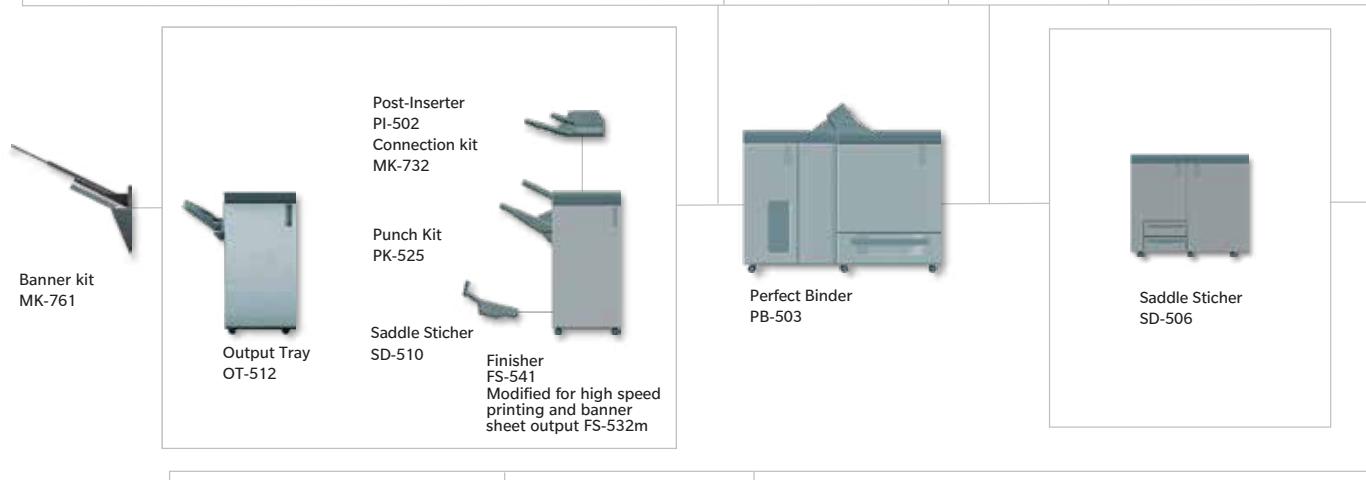
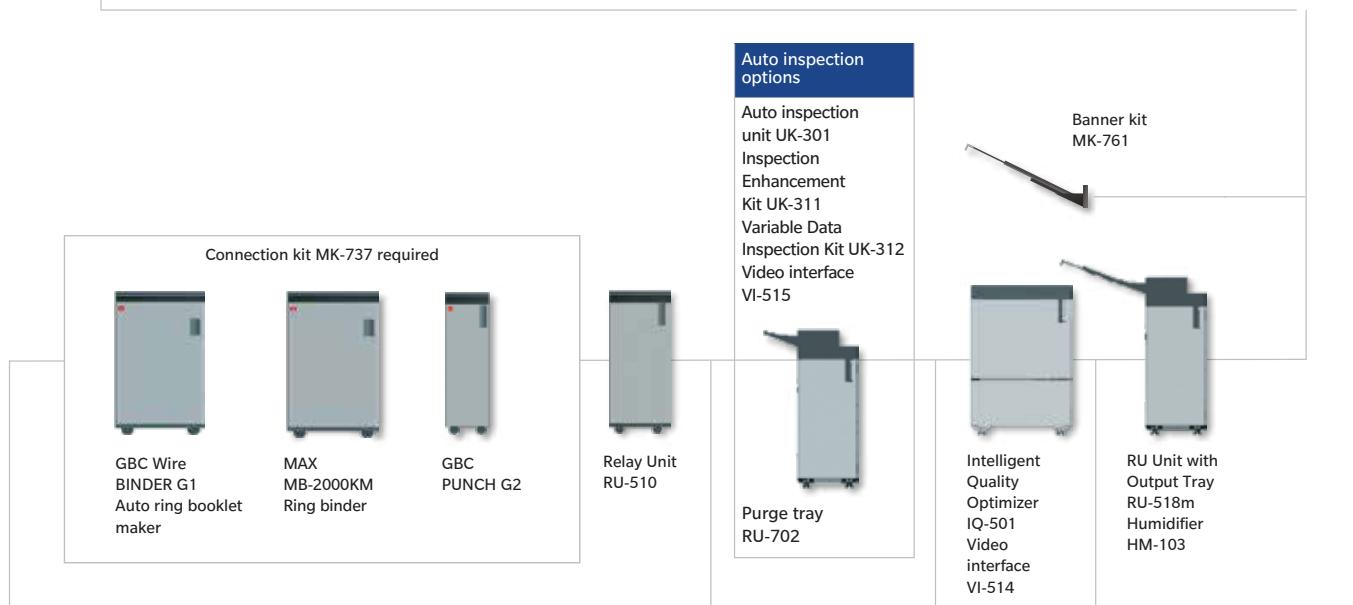
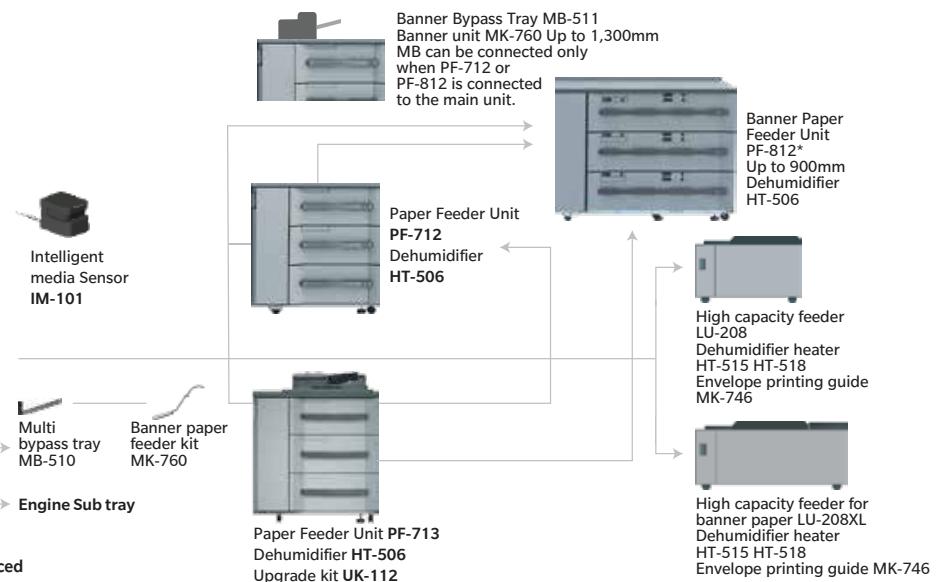
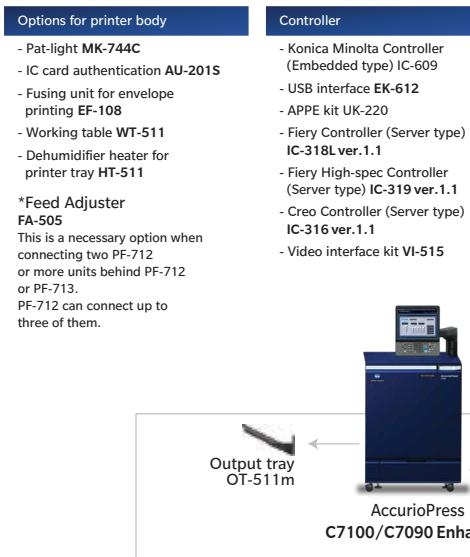
### Simitri® V Toner

Konica Minolta's innovative Toner technology Simitri® V gives superb print quality and an offset matte finish. Furthermore it supports the high productivity of AccurioPress C7100/C7090 Enhanced 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 embossed, structured 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 colour reproduction at top speed.



# TECHNICAL SPECIFICATIONS

## RETHINK PRODUCTION PRINTING

### SYSTEM SPECIFICATIONS

	AccurioPress C7100 Enhanced	AccurioPress C7090 Enhanced
<b>Resolution</b>	2,400 x 3,600 equiv. dpi x 8 bit	
<b>Paper weight</b>	52–400 g/m <sup>2</sup>	
<b>Duplex unit</b>	Non-stack type; 52–400 g/m <sup>2</sup>	
<b>Paper sizes</b>	330.2 x 487.7 mm 330.2 x 900 mm (max.duplex) 330.2 x 1,300 mm (max. simplex)	
<b>Paper capacity</b>	15,140 sh *When 3 paper feeders connected in series (PF-713+PF-712x2 or PF-712x3) and bypass tray connected	
<b>Engine sub tray</b>	1000 Sheets Capacity (256 g/m <sup>2</sup> )	
<b>Paper format</b>	Min: 139.7x182 mm Max: 330.2x487.7mm	
<b>Max. original size</b>	A3	
<b>Main unit dimensions (W x D x H)</b>	800 x 1,138 x 1,478 mm	
<b>Main unit weight</b>	335 kg	

### PRODUCTIVITY

	AccurioPress C7100	C7090 Enhanced
<b>A4 color - max. per minute</b>	100 ppm	90 ppm
<b>A4 mono - max. per minute</b>	110 ppm	110 ppm
<b>SRA3 color - max. per minute</b>	53 ppm	48 ppm
<b>SRA3 mono - max. per minute</b>	58 ppm	58 ppm
<b>A4 color - max. per hour</b>	5,613 pph	5,047 pph
<b>A4 mono - max. per hour</b>	6,103 pph	6,103 pph

### Intelligent Quality Optimizer IQ-501

	AccurioPress C7100 Enhanced	AccurioPress C7090 Enhanced
<b>Mountable options</b>	Paper Inspection Unit UK-301, Relay Conveyance Unit RU-702	
<b>Max. detection area</b>	100 x 139 to 331 x 1,300 mm *Conforms to functional specification	
<b>Paper weight</b>	52 to 450 gsm	
<b>Dimensions (W x D x H)</b>	663 x 696 x 1,020 mm	
<b>Weight</b>	Approx. 184 kg	

### Hybrid Decurler RU-518m

<b>Function</b>	Equipped with paper cooler and decurler, relay transport and ejection
<b>Mountable option</b>	Humidifier HM-103
<b>Paper size *1</b>	SRA3, A3, B4, SRA4, A4, B5, A5, B6S, A6S, postcard, Non-standard size (max. 331 x 1,300 mm, min.100 x 139 mm)
<b>Paper weight</b>	52 to 450 gsm
<b>Max. stack capacity *1</b>	Up to 762 mm: 100 sh (80 gsm), 762.1 mm or longer: 1 sh
<b>Dimensions (W x D x H)</b>	410 x 720 x 1,135 mm
<b>Weight</b>	Approx. 95.4 kg

### KONICA MINOLTA IMAGE CONTROLLER IC-609

<b>Architecture</b>	Internal
<b>OS</b>	Linux
<b>OS supported, PS (Internal)</b>	Windows 8.1*2/10*2(Optional)
<b>CPU</b>	Intel Core i5 6500
<b>Clock speed</b>	3.2 GHz
<b>RAM std</b>	16 GB
<b>HDD</b>	2 TB (2 x 1TB)
<b>Page-description language</b>	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
<b>Applicable OS</b>	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.12-15, Mac OS 11

### FIERY IMAGE CONTROLLER IC-319

<b>Architecture</b>	External
<b>OS</b>	Windows 10
<b>CPU</b>	Intel® Xeon 5118
<b>Clock speed</b>	2.3 GHz
<b>RAM std</b>	32 GB
<b>HDD</b>	4.5 TB
<b>Page-description language</b>	Adobe PostScript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
<b>Applicable OS</b>	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.14-10.15, Mac OS 11

### FIERY IMAGE CONTROLLER IC-318L

<b>Architecture</b>	External
<b>OS</b>	Windows 10
<b>CPU</b>	Intel i7-6700
<b>Clock speed</b>	3.4 GHz
<b>RAM std</b>	16 GB
<b>HDD</b>	1 TB
<b>Page-description language</b>	Adobe PostScript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
<b>Applicable OS</b>	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.14-10.15, Mac OS 11

### CREO IMAGE CONTROLLER IC-316

<b>Architecture</b>	External
<b>OS</b>	Windows 10
<b>CPU</b>	Intel i7-8700
<b>Clock speed</b>	3.2 GHz
<b>RAM std</b>	20 GB
<b>HDD</b>	8 TB
<b>Page-description language</b>	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)
<b>Applicable OS</b>	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.12-15

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> 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.

- 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.

- \*1: Banner paper printable when MK-761 is installed

- \*2: 32-bit (x86) / 64-bit (x64) environment supported



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20  
YEARS OF PRINT  
POSSIBILITIES

AccurioPress C7100 **ENHANCED»**  
AccurioPress C7090 **ENHANCED»**

## AUTOMATION, EFFICIENCY, RELIABILITY AND TRUST

AccurioPress machines are configurable to suit a wide variety of small and midsize commercial and in-house print operations where floorspace is at a premium and high-speed efficiency is a key driver of business growth.

Get in touch to discuss how the Enhanced AccurioPress C7100/C7090 can help you to streamline your operations, boost your productivity, grow your business and reach your ambition.

**The new AccurioPress range ..... Discover the way ahead**



For Plastic Waste  
Management Details



For Battery Waste  
Management Details

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