

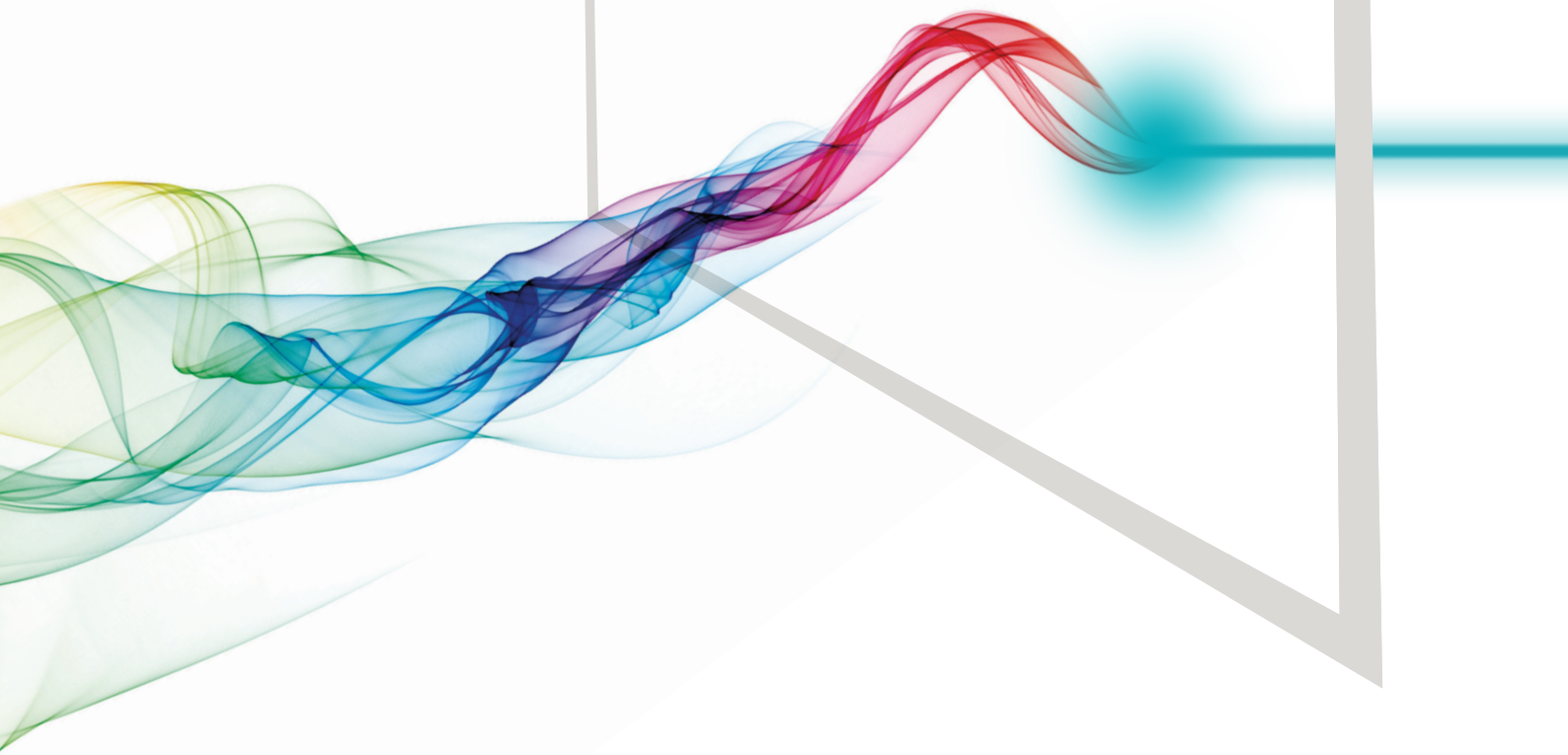


KONICA MINOLTA

AccurioPress  
C14000/C12000

# SET YOUR BUSINESS FREE WITH EFFORTLESS SIMPLICITY

RETHINK EFFICIENCY



# TRANSFORM YOUR BUSINESS WITH UNMATCHED VERSATILITY

## AccurioPress C14000/C12000

### Grow your business

We place great importance on empowering you to grow your business with our solutions. Our new system can for example help you with its extensive variety of supported media, from thin to thick paper (up to 450 g/m<sup>2</sup>), embossed paper, envelopes, as well as polyester and cut-sheet labels – to name but a few. It prints on long sheets of up to 1300 mm, or 900 mm in duplex.

### Boost your operational efficiency

Our new generation of true production systems has been designed to increase the uptime of your press and print more in less time. Their range of new features lets you produce more higher-value print products faster. With the Intelligent Quality Optimiser Unit, you achieve the desired print quality every time, job by job. And their high productivity and versatile automation help you meet today's demands of short-run production and fast turnaround most efficiently.

### Maximise your investment

We want to make sure that you get the most out of your press – that's why we have reduced the setup time drastically giving you maximum uptime. Combine your press with various inline finishing capabilities and produce more than ever, with idle times kept to a minimum. You can print up to 2,500,000 pages per month with stable self-controlled quality – offering you the fastest return of investment.

### Improve customer loyalty

With the AccurioPress C14000 series automatically adjusting the print quality on the fly, you can be sure to always produce exactly the quality that you and your customers expect – from page 1 to page 100 or 1000, today and again tomorrow. Registration is perfectly accurate over the entire print run as it is constantly monitored and corrected as required. The enhanced Auto Inspection Technology guarantees that only impeccable prints leave your shop – all making sure that your customers will come back to you but your products won't!

### Automation and time savings like never before

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. Furthermore the new media sensor auto, matically detects the type weight, thickness and surface of each paper quality proposing the appropriate substrate from the paper catalogue – all designed to reduce operator time and print wastage while increasing productivity.



# SMART FACTORY PRINTING

The digital revolution continues; and in the outstanding development history of Production Printing products at Konica Minolta, the AccurioPress C14000 and C12000 are the masterpieces of the next generation. The new flagship models distinguish themselves with unprecedented print quality, amazing media flexibility and the highest degree of automation. With their speed of up to 140 ppm (up to 120 ppm for the C12000), the AccurioPress C14000 and C12000 simply do the job, day after day – printing

with consistency, reliability, ease and efficiency on a wide array of media. Their exclusive toner closes the gap between digital and offset printing quality; and in combination with features such as automatic quality setup, monitoring and adjustments on the fly, a unique inspection system as well as automated colour control, the AccurioPress C14000 series reduces turnaround times to a new minimum.

# YOUR ADVANTAGES WITH THE AccurioPress C14000/C12000

## 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 C14000

- Duty Cycle 2.5 million prints
- Up to 140 A4 pages per minute
- Up to 80 A3 pages per minute

#### AccurioPress C12000

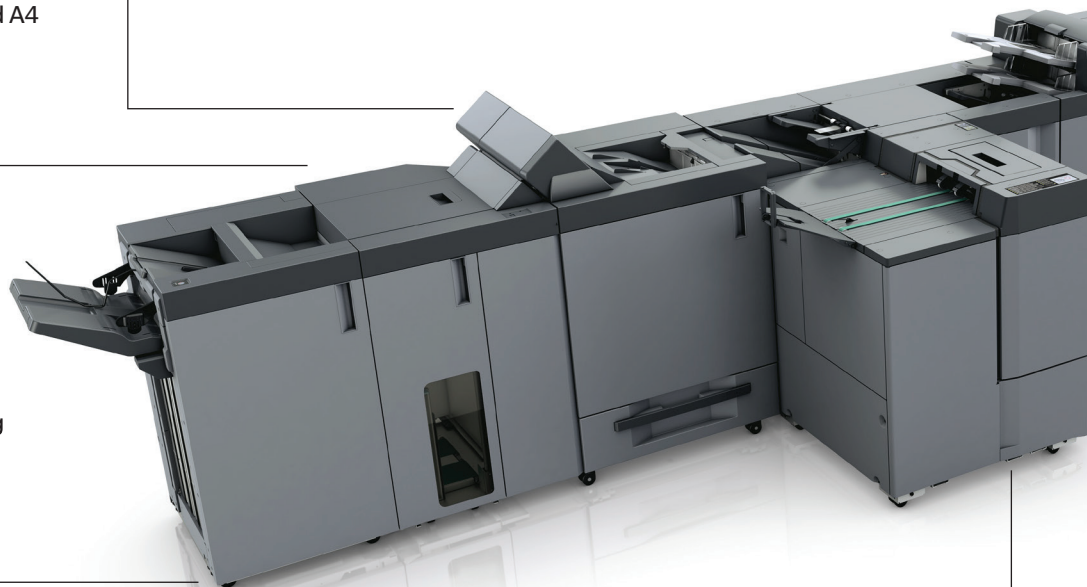
- Duty Cycle 2.2 million prints
- Up to 120 A4 pages per minute
- Up to 69 A3 pages per minute

### HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

### GEARED-UP FINISHING

- Multi hole punching
- 6 different types of folding
- Large-capacity stacking



### SIMPLY EFFICIENT

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

## 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 catalogue settings
- Operator Replaceable Parts
- Auto Inspection Technology

## SOPHISTICATED MEDIA HANDLING

- Automatic media recognition
- Air-suction feeding technology
- Up to 14,140 sheets paper input capacity
- Up to 10 paper input trays

## COMPREHENSIVE MEDIA PROCESSING

- Up to 450 g/m<sup>2</sup> paper weight in simplex and duplex printing
- Long sheet size of up to 1,300mm (duplex up to 900mm)
- Reliable thin paper feeding through air-blow fusing separation
- Envelope printing
- Embossed paper support
- Optional inter-cooler curl eliminator

## PERFECT IMAGE QUALITY

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

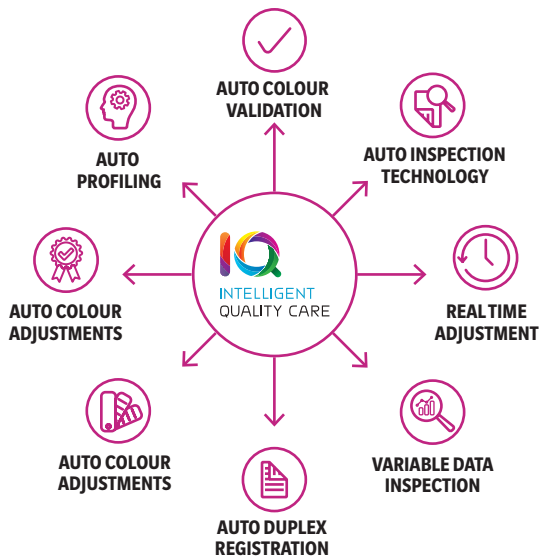


# INNOVATE PRINT RETHINK TECHNOLOGY



## Intelligent Quality Care

The iQ-501 Intelligent Quality Care Unit takes color consistency and registration accuracy to the next level.



## Simitri® V Toner

Konica Minolta’s innovative Toner technology Simitri® V give superb print quality and an offsent matte finish. Furthermore, it supports the high productivity of AccurioPress C14000 series ant 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 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.

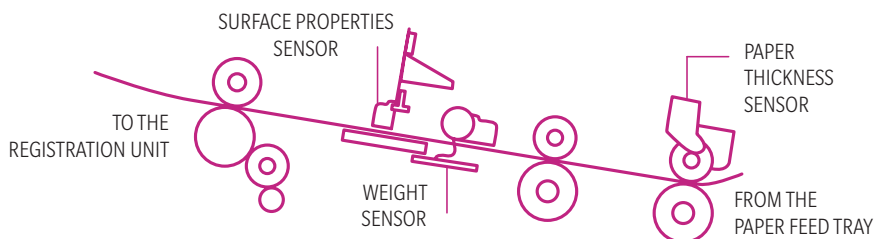
### Vacuum paper feedin

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.

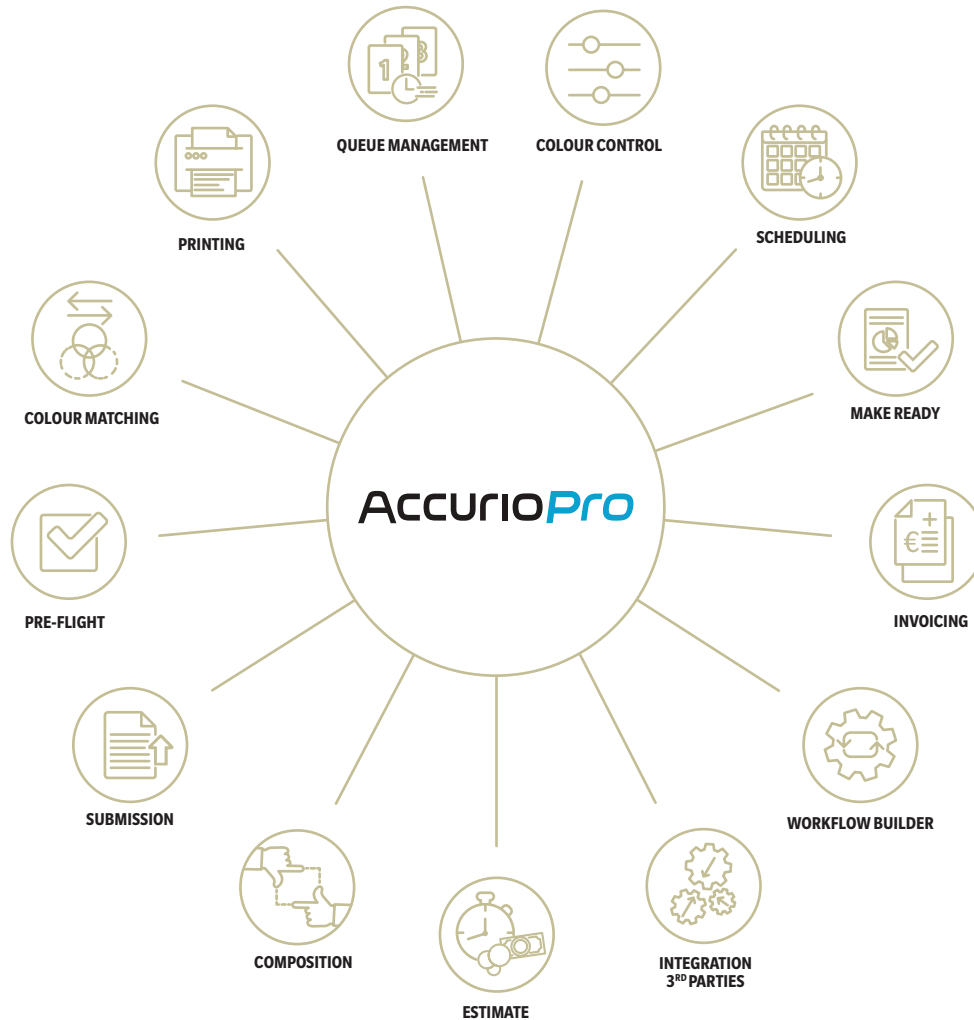
## Media Detection Sensor

The Media Detection Sensor automatically recognises the paper you are using. it will measure the thickness, the surface and the weght of the paper and with the information it present the user paper profile suggestion from the list of available paper in the paper catalogue. About 300 paper profiles are

pre-registered in the catalogue making sure always finding a good match. No matter if you deal with unknown paper you got by your customers or with unexperienced use don’t know how to set up paper the Media Detection sensor help you reduce waste and time to find the right settings.



# AccurioPro POSSIBILITIES RETHINK YOUR WORKFLOW



## AccurioPro CloudEye



AccurioPro Cloud Eye is a Colour management system that allows you to centrally manage colours from various printing machines at multiple location via the cloud.

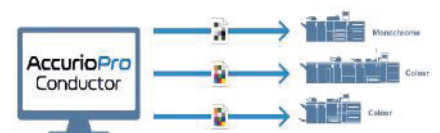
## AccurioPro FluxEssential



AccurioPro Flux Essential is equipped with advanced functions in the pre-printing process, this software

Provides the optimum solution for automating the professional printing workflow.

## AccurioPro Conductor



AccurioPro Conductor is a workflow integration system that composes Konica Minolta's professional printing solutions.

## AccurioLabel





























AccurioPro Label Impose automates imposition and pre-printing preparation steps in label printing. The simple & intuitive interface minimizes errors in the printing process and provides the optimum solution. (\*Its an option of Accurio Label 230)

## AccurioPro Connect



AccurioPro Connect is a job workflow solution and save huge time of pre-printing process. It enable customers to create job workflow according to the required or desired application. It plays key role in print business.

# FINISHING & FUNCTIONS

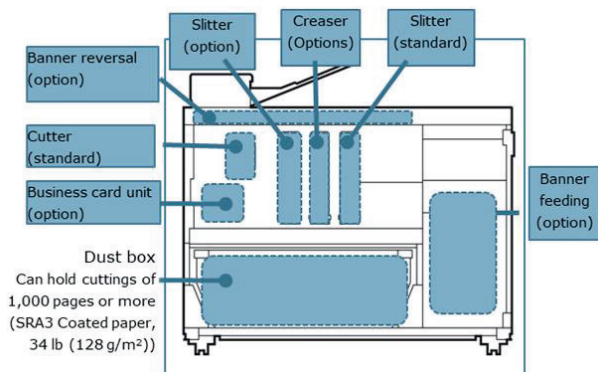
		 Letter fold	 2/4* hole Punching	 Two-point stapling	 Corner stapling	 Stacking	 Booklet
Open stacker <b>OT-512</b>							
Ring binding unit <b>MB-200 Max Finisher</b>							
Staple finisher <b>FS-541</b>							
Booklet making unit <b>SD-513</b>							
Stacking unit <b>LS-507</b>							
Folding and punching 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>							

## NEW TRIMMING UNIT - TU-510

Trimmer unit TU-510, which can trim in all four directions, is now available. A slit unit for (for cutting sheets in the travel direction) and a cut unit (for cutting sheets in the cross direction) are installed as standard

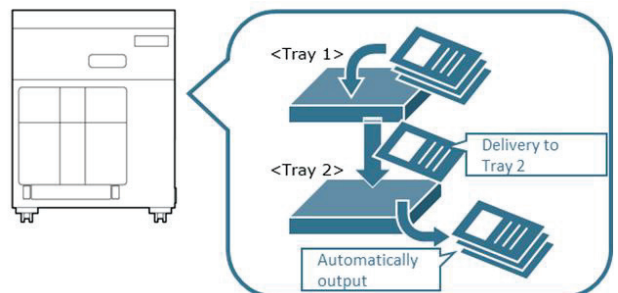
The main function are as follows:

- Four-side trimming
- Business card/card size cutting
- Creasing
- SRA3 paper to 2 A4 paper



## NEW STACKING UNIT - LS-507

- Get maximum output volume by adopting the option of Tray2.
- When stack reaches end point, remaining papers in Tray 1 automatically move to standby Tray 2.
- Tray 2 gives more output with its high capacity stacker.
- The front door of main unit is transparent to give you a clearer look on amount of paper loaded.





Trimming	Creasing	Slitting	Square-folding	Multi Letter fold-in	Post Insertion	Perfect Binding	Wire-binding	Ring-binding	Multi-punching	
										ENTRY
								✓		
					✓					MID
✓	✓	✓	✓	✓						
				✓	✓					
					✓	✓				
✓										
✓	✓	✓								

### FOLDING & PUNCHING UNIT FD-503

- Insertion of pre printing sheets
- 2 PI trays for 500 sheets each
- Punching (two and four holes)
- Folding fold-in, letter fold-out, double-parallel-fold)
- Sub tray for up to 200 sheets



### BOOKLET MAKING UNIT SD-513

- Custom-size brochures with heavy covers of up to 300 gsm, purified with optional creasing or spine corner forming are just the eye catcher that discerning customers are looking for
- Booklet making of up to 50 sheets (200 pages)
- Saddle stitching with up to 4 staples with adjustable positions
- Multi-letter fold-in (up to five sheets)
- Multi-half fold (up to five sheets)
- Slitting\*and front-trimming

### BOOKLET MAKING UNIT SD-506

- Booklet making of up to 50 sheets (200 pages)
- Saddle stitching
- Output tray for up to 50 booklets

### STAPLE UNIT FS-541 /SD-510

- All function functions of FS-541
- Booklet making of up to 20 sheets (80 pages)
- Cover sheets from 50 to 300 gsm
- Multi-letter fold-in (up to 3 sheets); multi-half-fold (up to 5 sheets)

### STAPLE UNIT FS-541

- Stapling of up to 100 sheets
- Two-point and corner stapling
- Output for up to 3,000 sheets (A4)
- Auto-shift sorting and grouping
- Optional: post inserter and punch kit

### PERFECT BINDING UNIT PB-503

- Hot melt glue binding system
- Books from A5 up to A4+ (307 x 221mm)
- Book from 10 sheets up to 30 mm spine width
- Simplex and duplex printing of covers and its spine

# STATE-OF-THE-ART- PRINT-SERVER

## RETHINK PRODUCTION PRINTING

### IC-610 KONICA MINOLTA OWN CONTROLLER

The Konica Minolta IC-610 print controller comes with powerful workflow benefits – including 2,400 x 3,600 equiv. dpi printing at full rated engine speed, high-speed RIP processing, enhanced accuracy in colour reproduction, various colour management functions as well as full compatibility with print engine on-board job control and editing functions.

### IC-318 EFI FIERY CONTROLLER

With the advanced job management and workflow automation in Fiery® IC-318 Streamline your job layout with the Fiery's instant visual preview and advanced make ready capabilities. Supporting industry-leading variable data printing (VDP) formats, the Fiery also produces personalized short-run jobs profitably.

### IC-319 EFI FIERY CONTROLLER

The top-of-the-line Fiery® IC-319 gives colour consistency and accuracy with powerful colour 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, features such as advanced spot colour profiling, a complete Pantone GOE library, Remote Site Manager status tracking, JDF connectivity, Creo job ticket software, and much more.

# TAKE LEADERSHIP AND RESPONSIBILITY

## RETHINK TOMORROWS BUSINESS

### MADE YOUR BUSINESS

#### Commercial printers

The high speed, high productivity, and high uptime C14000/C12000 help you achieve shortest turnaround times. Combined with great media flexibility with stocks of up to 450 g/m<sup>2</sup>, banners, envelopes and structured papers.

#### CRDs

AccurioPress C14000 / C12000 support the highest degree of automation and yet also ensure high-level quality with professional inline finishing and the Intelligent Quality Optimiser Unit which is automatically set up, monitored and corrected.

### DESIGN FOR OUR PLANET

Konica Minolta promotes sustainable development, integrates environmental and social perspectives into its business strategies. Konica Minolta strives to reduce CO<sub>2</sub> emissions during product manufacture, distribution, at the sales stage,

and during product use - with even stricter targets than demanded by the Kyoto Protocol.



# AccurioPress C14000/C12000

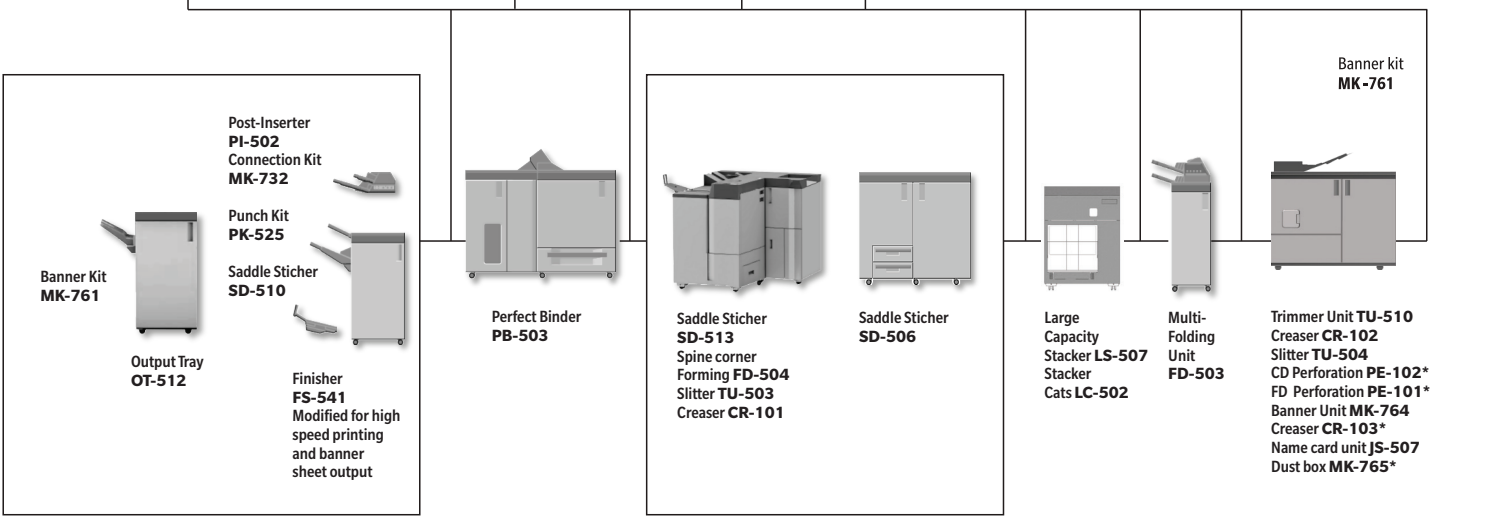
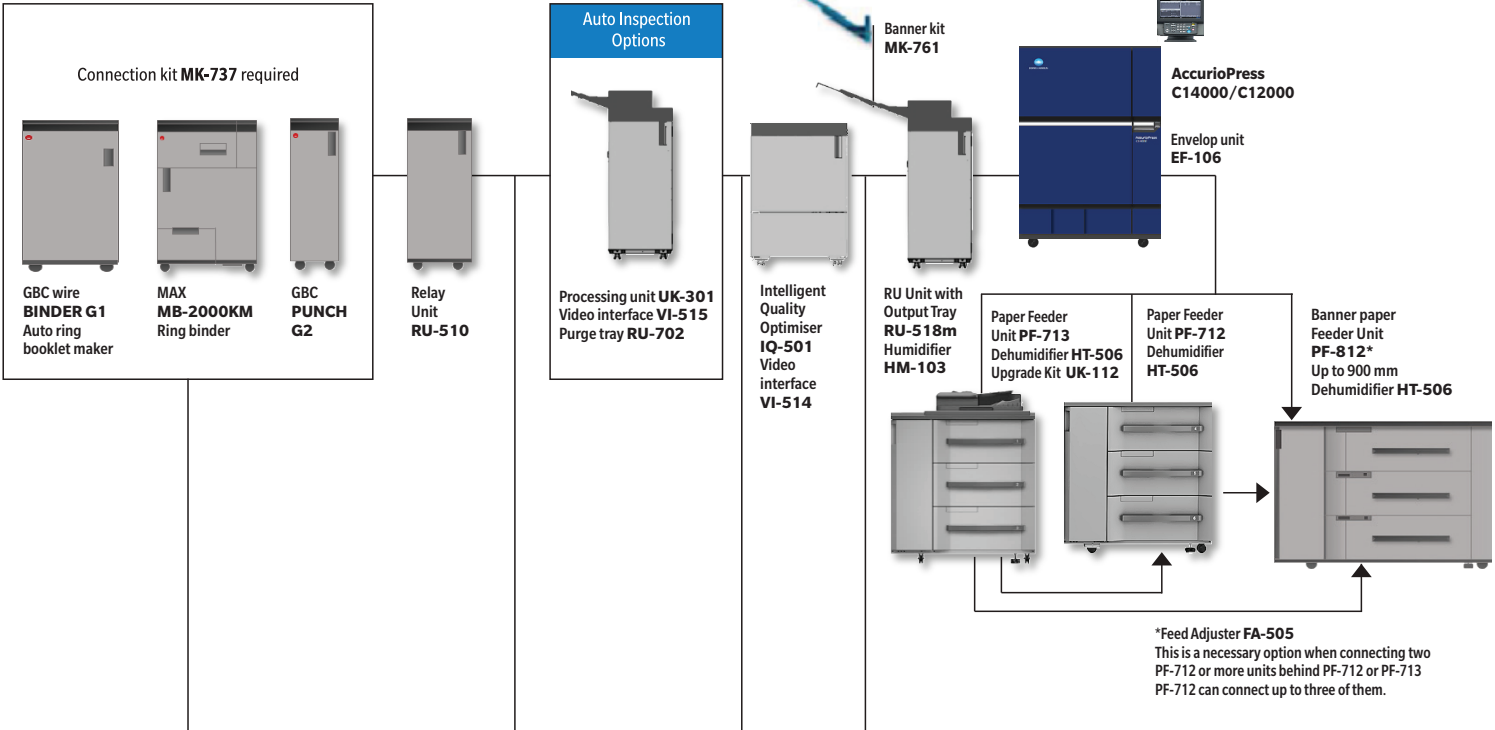
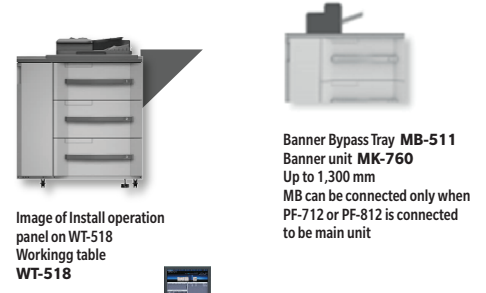
## System Configuration

### Options for printer body

Pat-light MK-744C  
 IC card authentication AU-201S  
 Fusing unit for envelope printing EF-106

### Controller

- Konica Minolta Controller (Embedded type) IC-610
- USB interface EK-612
- VDP kit UK-222\*
- Fiery Controller (EFI Hi server) IC-319
- Fiery High-spec Controller (Server Type) IC-318
- Creo Controller (Server Type) IC-316
- Video interface for Fiery/Creo/UK-301 VI-515



## TECHNICAL SPECIFICATION

### RETHINK PRODUCTION PRINTING

AccurioPress series brings it all: 140/120 ppm print/copy output, advanced processing for resolution equivalent to 3,600 dpi, our exclusive Simitri V toner for offset-quality color at affordable cost, superior stability over long print runs on a variety of substrates — and multiple inline finishing options to handle a broad array of job specs.

#### SYSTEM SPECIFICATIONS

<b>Resolution</b>	Equiv. 3,600 x 2,400 dpi, 8-bit, 256 gradations	
<b>Paper weight</b> (Plain, Fine, Color Specific) (Coated)	52–450 g/m <sup>2</sup>	
<b>Duplex unit</b>	Non-stack type; 52–450 g/m <sup>2</sup>	
<b>Paper sizes (max.)</b>	330 x 487 mm (13" x 19.2") 330 x 1300 mm (13" x 51.2" banners)	
<b>Paper sizes (min.)</b>	100 x 139 mm (3.94" x 5.47")	
<b>Image loss (max.)</b>	4 mm or less for lead and trail edge, 3.0 mm or less for right/left edges	
<b>Warm-up time</b>	480 seconds or less	
<b>Paper input capacity (max.)</b>	14,140 sheets	
<b>Paper output capacity</b>	LS-507 Stacker – 6,200 (Automatic output outside the machine) FS-541 Finisher – 3,300	
<b>Main unit dimensions (W x D x H)</b>	1,151 x 932 x 1,620 mm (45.32 x 36.69 x 63.78 inches)	
<b>Main unit weight</b>	560 kg (1234.58 lb)	
<b>Power requirements</b>	Metric: AC 220 to 240V, 25A, 50 Hz / 60 Hz Inch: AC 208 to 240V, 24A, 60 Hz	

#### PRODUCTIVITY

	AccurioPress C14000	AccurioPress C12000
<b>A4 (max. per minute)</b>	140ppm	120 ppm
<b>A3 (max. per minute)</b>	80ppm	69ppm
<b>A4 (max. per hour)</b>	7,981 pph	6,832 pph
<b>Monthly duty cycle*</b>	2,500,000 pages	2,200,000 pages

#### SCANNER SPECIFICATIONS (PF-713 ONLY)

<b>Scan speed (8.5" x 11")</b>	Single-sided 140 ipm / duplex 280 ipm
<b>Scan resolution</b>	600 x 600 dpi
<b>Scan modes</b>	TWAIN scan; Scan-to-HDD; Scan-to-FTP; Scan-to-SMB; Scan-to-Email; Scan to USB
<b>Scan formats</b>	PDF, TIFF, JPEG

#### COPIER SPECIFICATIONS (PF-713 ONLY)

<b>Gradations</b>	256 gradations
<b>Magnification</b>	25% – 400%, in 0.1% steps

#### IMAGE CONTROLLER

<b>IC-610 Konica Minolta Own</b>	Available
<b>IC-318 External EFI Fiery</b>	Available
<b>IC-319 External EFI Fiery</b>	Available
<b>IC-316 External Creo</b>	Available

#### KONICA MINOLTA OWN IMAGE CONTROLLER IC-610

<b>Type</b>	Embedded
<b>CPU</b>	Intel Core i7-6700 3.4 GHz
<b>Memory</b>	16 GB (8 GB x 2)
<b>HDD</b>	HDD 1TB x 3
<b>Page-description language</b>	Adobe PostScript 3 (3020), PDF 1.7, PPML v3.0GA, APPE 4.4, PCL 5 / 6 emulation
<b>Printing method</b>	TCP/IP (LRP,RAW) SMB
<b>Applicable OS</b>	Windows 8.1 / 10 / Windows Server 2012 / 2012R2 / 2016 / 2019 Mac OS X 10.11 / 10.12 / 10.13 / 10.14
<b>Interface</b>	10 / 100 / 1000Base-T IPv6 compatible, USB 3.0

\*Q zone: the temperature and humidity at specified level  
It is recommend to have IQ-501 mandatory for improved productivity.

- 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.
- 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.

#### FIERY IMAGE CONTROLLER IC-318

<b>Type</b>	Server
<b>CPU</b>	Intel® i5 6500 3.2GHz
<b>Memory</b>	8GB
<b>HDD</b>	1TB
<b>Page-description language</b>	Adobe PostScript 3 (PS3020), PDF v1.7, APPE 4.4, PDF /VT-2, PPML v3.0, PCL 5 / 6 emulation
<b>Printing method</b>	TCP/IP, SNMP, SMB, FTP, IPP, Bonjour
<b>Applicable OS</b>	Windows 8.1 / 10 / Windows Server 2012 / 2012R2 / 2016 / 2019 Mac OS X 10.11 / 10.12 / 10.13 / 10.14
<b>Interface</b>	10Base-T / 100Base-TX / 1000Base-T

#### FIERY IMAGE CONTROLLER IC-319

<b>Type</b>	Server
<b>CPU</b>	Xeon E5-5118 2.3GHz
<b>Memory</b>	32GB
<b>HDD</b>	500GB + 2 x 2TB
<b>Page-description language</b>	Adobe PostScript 3 (PS3020), PDF v1.7, APPE 4.4, PDF /VT-2, PPML v3.0, PCL 5 / 6 emulation
<b>Printing method</b>	TCP/IP, SNMP, SMB, FTP, IPP, Bonjour
<b>Applicable OS</b>	Windows 8.1 / 10 / Windows Server 2012 / 2012R2 / 2016 / 2019 Mac OS X 10.11 / 10.12 / 10.13 / 10.14
<b>Interface</b>	10Base-T / 100Base-TX / 1000Base-T

#### CREO IMAGE CONTROLLER IC-316

<b>Type</b>	Server
<b>CPU</b>	Intel Core i7-8700 3.2 GHz
<b>Memory</b>	16GB
<b>HDD</b>	2TB
<b>Page-description language</b>	Adobe PostScript 3 (PS3020), PDF v1.7, APPE v4.9, PDF / X-1a / 3 / 4, PDF /VT-2, TIFF v6.0, TIFF/IT, PPML v2.2, VPS, PPML / VDX
<b>Printing method</b>	TCP/IP, SMB, LPR/LPD, IPP, Bonjour
<b>Applicable OS</b>	Windows 8.1 / 10 / Windows Server 2012 / 2012R2 / 2016 / 2019 Mac OS X 10.11 / 10.12 / 10.13 / 10.14
<b>Interface</b>	10Base-T / 100Base-TX / 1000Base-T

#### OPTIONS

<b>WT-518</b>	Working table	<b>TU-510</b>	Trimmer unit
<b>PF-712</b>	Vacuum paper feed unit	<b>CR-102</b>	Creaser unit for TU-510
<b>PF-713</b>	Vacuum paper feed unit with scanner	<b>TU-504</b>	Trimmer unit for TU-510
<b>UK-112</b>	HDD kit for PF-713	<b>MK-764</b>	Banner unit for TU-510
<b>MB-511</b>	Multi-bypass tray for PF-712	<b>JS-507</b>	Job separator for TU-510
<b>FA-505</b>	Feed adjustment kit for connecting multiple paper feeder units	<b>EF-106</b>	Envelope fuser
<b>HT-506</b>	Dehumidification heating unit for PF-712 / PF-713	<b>OT-512</b>	Open stacker
<b>MK-760</b>	Banner tray unit for MB-511	<b>FS-541</b>	100-sheet staple finisher
<b>PB-503</b>	Perfect binder	<b>SD-510</b>	Saddle stitch kit for FS-541
<b>MK-737</b>	Mount kit for third party products	<b>PK-525</b>	2/3-hole punch for FS-541
<b>RU-510</b>	Relay unit	<b>MK-732</b>	Post-insertion mount Kit for FS-541
<b>RU-518m</b>	Relay unit	<b>PI-502</b>	Post-Insertion for FS-541
<b>HM-103</b>	Humidification unit	<b>FD-503</b>	Multi-fold punch unit
<b>IQ-501</b>	Intelligent quality optimizer	<b>SD-506</b>	Booklet making unit
<b>RU-702</b>	Relay unit for purging	<b>SD-513</b>	Saddle stitch unit
<b>UK-301</b>	Auto Inspection unit	<b>FD-504</b>	Square folding unit for SD-513
<b>UK-117</b>	Activation kit for Creo IC-316	<b>TU-503</b>	Trimmer unit for SD-513
<b>VI-514</b>	Video Interface Kit for IQ-501	<b>CR-101</b>	Creaser unit for SD-513
<b>VI-515</b>	Video Interface Kit for IC-316/318/319, UK-301	<b>LS-507</b>	Stacking unit
		<b>LC-502</b>	Cart for LS-507
		<b>MK-761</b>	Banner tray unit for RU-518m / OT-512



KONICA MINOLTA

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