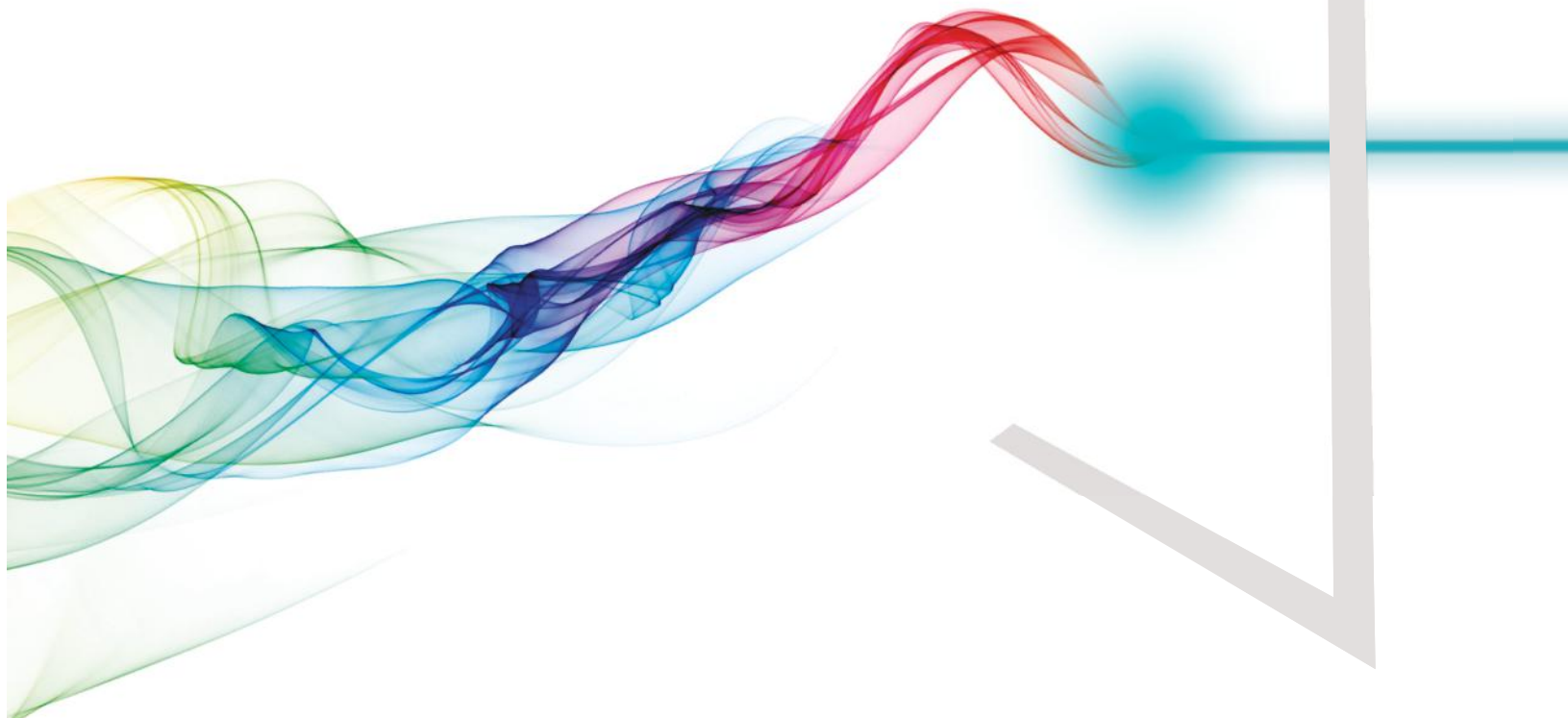




KONICA MINOLTA

AccurioPress
C14000/C12000

**SET YOUR
BUSINESS FREE
WITH EFFORTLESS
SIMPLICITY**
RETHINK EFFICIENCY



Giving Shape to Ideas

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/m²), 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 25,00,000 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 automatically 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

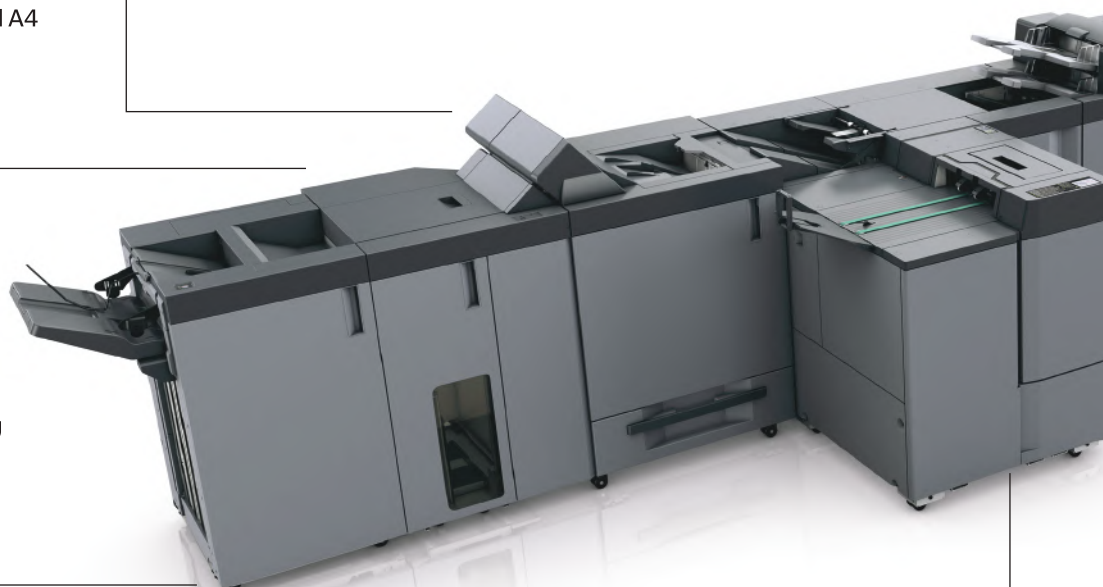
- Duty Cycle 2.2 million prints
- Up to 120 A4 pages per minute
- Up to 69 A3 pages per minute

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/m² paper weight in simplex and duplex printing
- Long sheet size of up to 1,300 mm (duplex up to 900 mm)
- 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



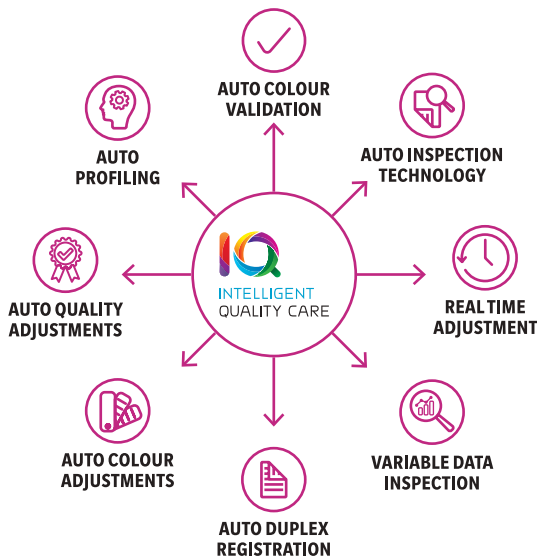
INNOVATE PRINT

RETHINK TECHNOLOGY



Intelligent Quality Care

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

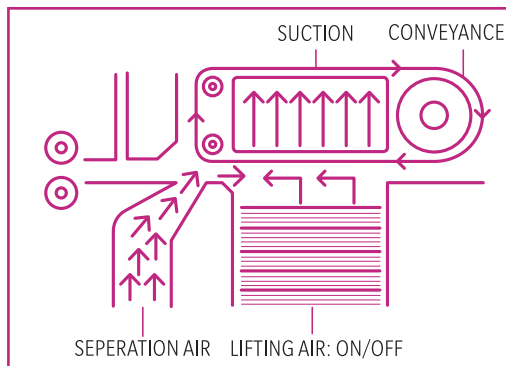


Simitri® V Toner

Konica Minolta's innovative Toner technology Simitri® V gives superb print quality and an offset matte finish. Furthermore, it supports the high productivity of AccurioPress C14000 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 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.



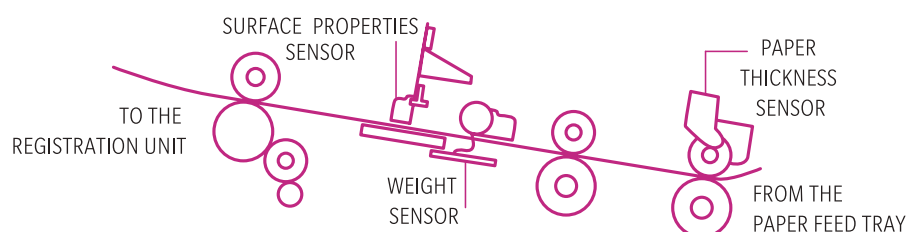
Vacuum paper feeding

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.

Media Detection Sensor

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

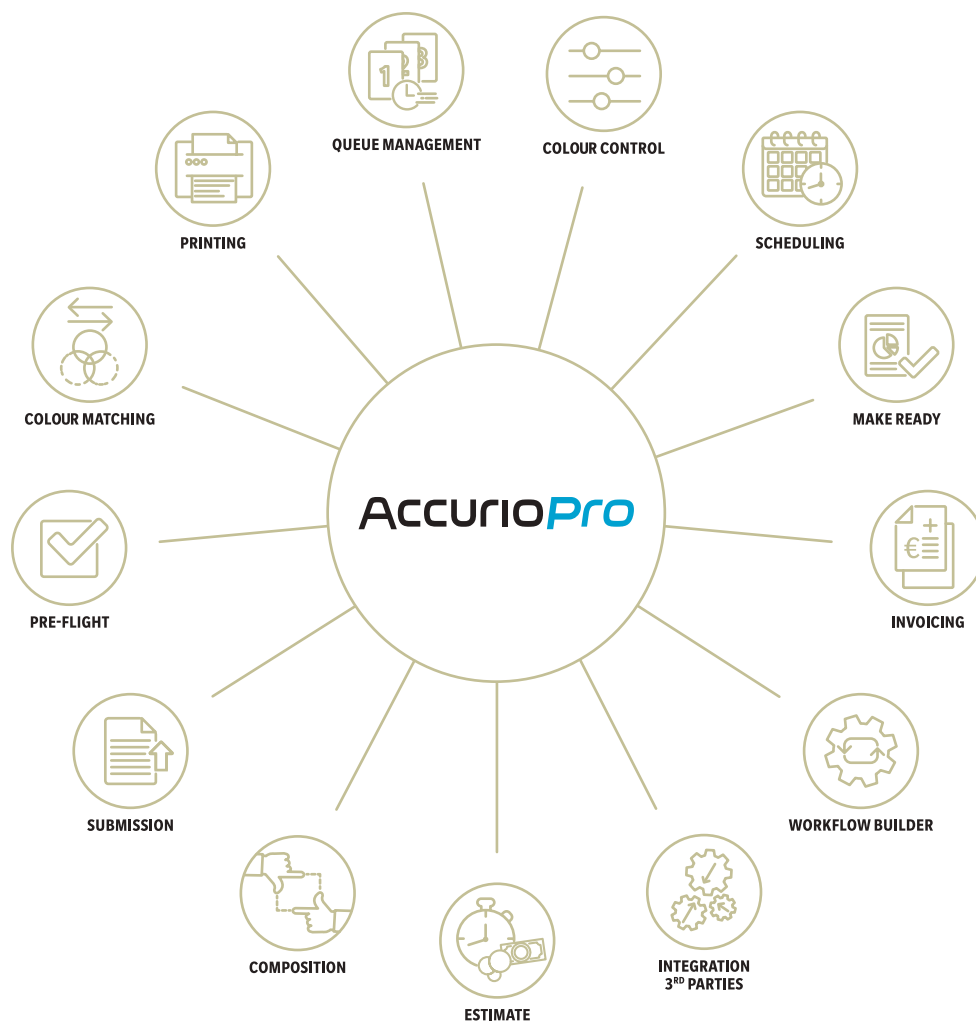
pre-registered in the catalogue making sure always finding a good match. No matter if you deal with unknown paper you got by your customers or with unexperienced use don't know how to set up paper the Media Detection Sensor help you reduce waste and time to find the right settings.



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 locations 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 OT-512							
Ring binding unit MB-200 Max Finisher							
Staple finisher FS-541							
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							

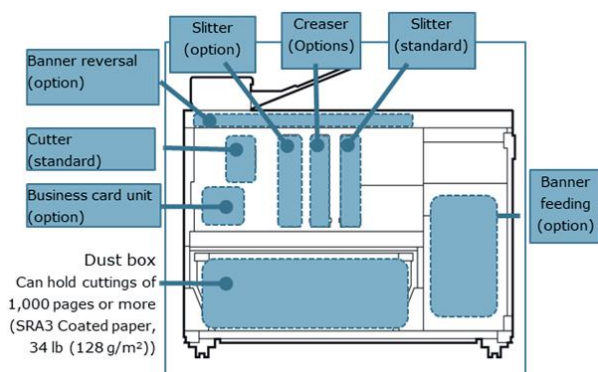
NEW TRIMMING UNIT - TU-510

Trimmer unit TU-510, which can trim in all four directions, is now available.

A slit unit (for cutting sheets in the travel direction) and a cut unit (for cutting sheets in the cross direction) are installed as standard

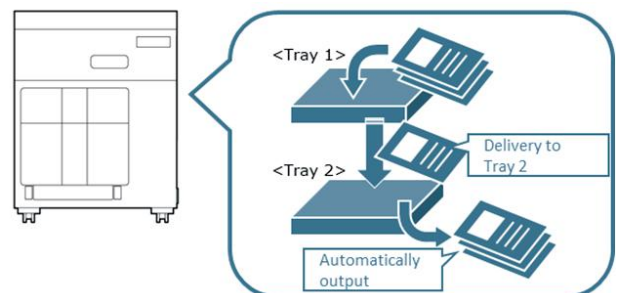
The main functions are as follows:

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



NEW STACKING UNIT - LS-507

- Get maximum output volume by adopting the option of Tray 2.
- When stack reaches end point, remaining papers in Tray 1 automatically moves 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 printed sheets
- 2 PI trays for 500 sheets each
- Punching (two and four holes)
- Folding (half-fold, Z-fold, gate-fold, letter 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 221 mm)
- Books 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 advance 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 TOMORROW'S 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/m², banners, envelopes and structured papers.

CRDs

AccurioPress C14000 / C12000 support the highest degree of automation and 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 CO₂ 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

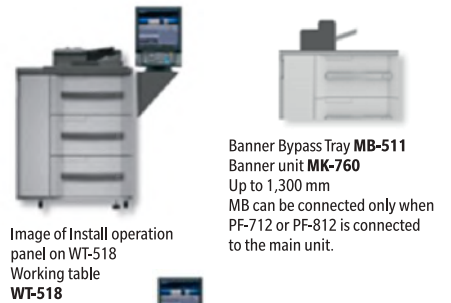
Options for printer body

Pat-light **MK-744C**
 IC card authentication **AU-2015**
 Fusing unit for envelope printing **EF-106**

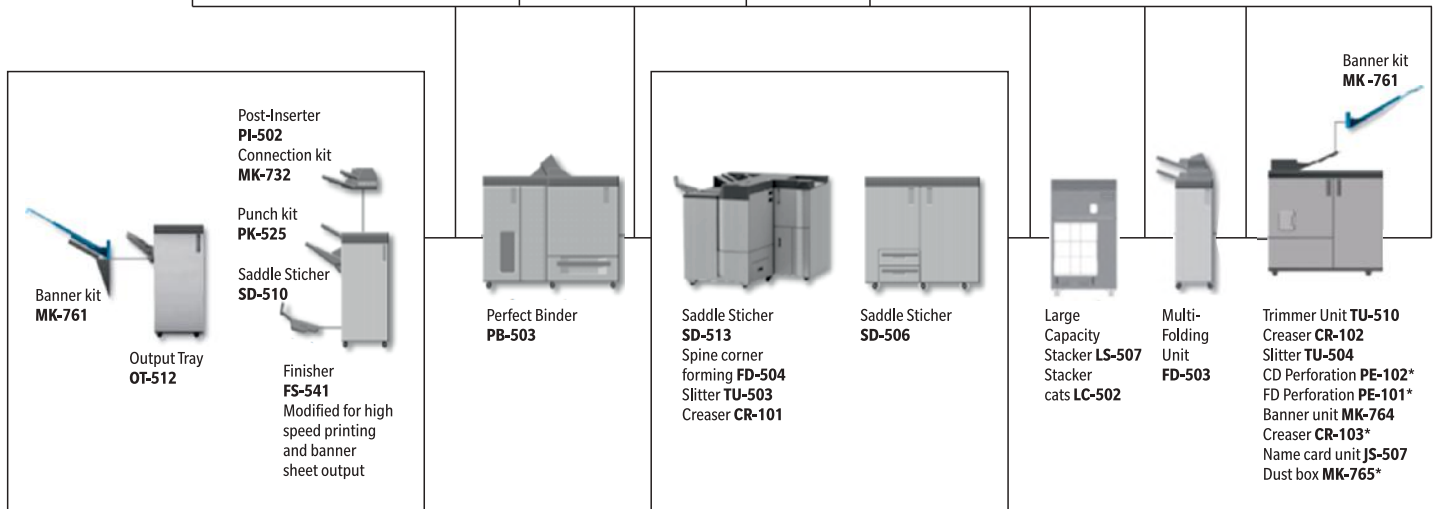
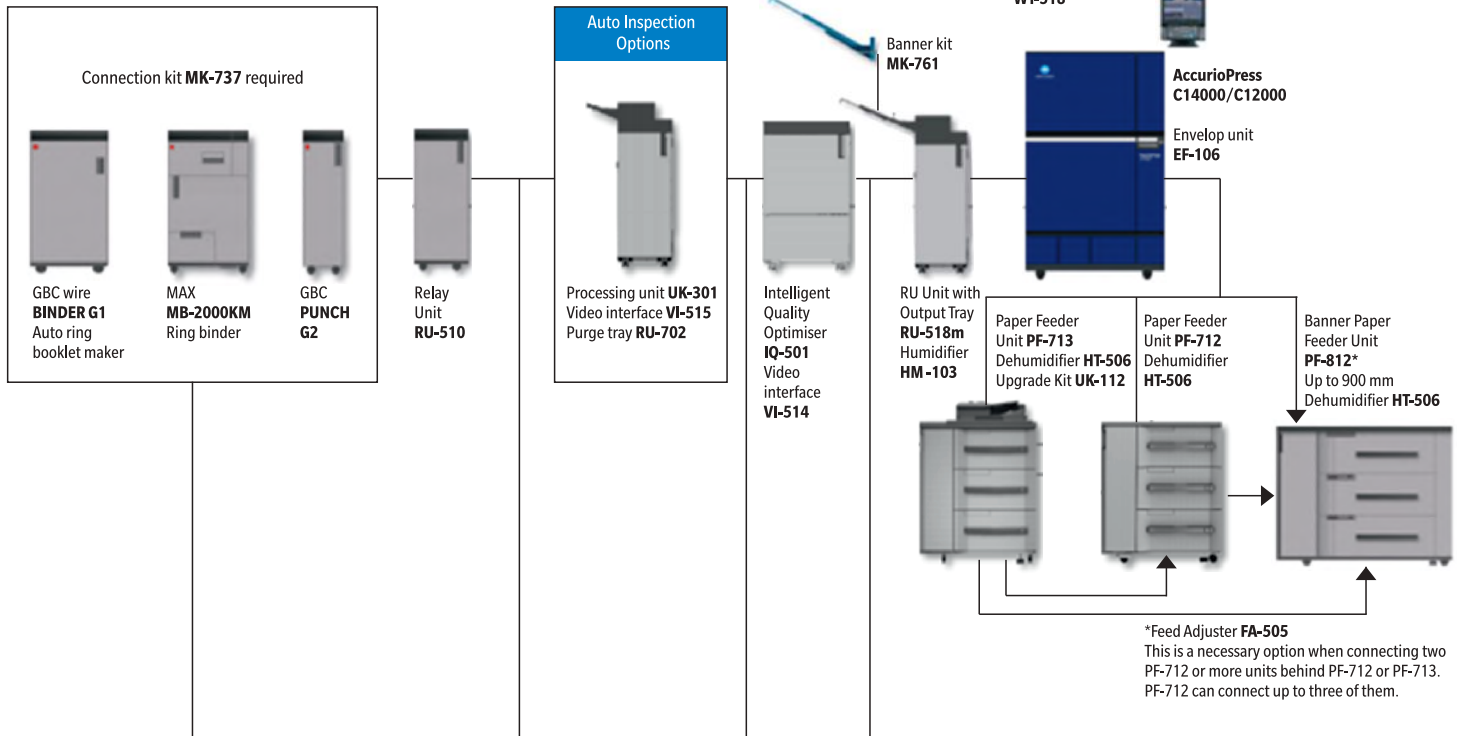
Controller

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**

* Release schedule is TBD



Banner Bypass Tray **MB-511**
 Banner unit **MK-760**
 Up to 1,300 mm
 MB can be connected only when PF-712 or PF-812 is connected to the main unit.



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 colour 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

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

PRODUCTIVITY	AccurioPress C14000	AccurioPress C12000
A4 (max. per minute)	140 ppm	120 ppm
A3 (max. per minute)	80 ppm	69 ppm
A4 (max. per hour)	7,981 pph	6,832 pph
Monthly duty cycle*	25,00,000 pages	22,00,000 pages

SCANNER SPECIFICATIONS (PF-713 ONLY)

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

COPIER SPECIFICATIONS (PF-713 ONLY)

Gradations	256 gradations
Magnification	25%–400%, in 0.1% steps

IMAGE CONTROLLER

IC-610 Konica Minolta Own	Available
IC-318 External EFI Fiery	Available
IC-319 External EFI Fiery	Available
IC-316 External Creo	Available

KONICA MINOLTA OWN IMAGE CONTROLLER IC-610

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

FIERY IMAGE CONTROLLER IC-318

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

FIERY IMAGE CONTROLLER IC-319

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

CREO IMAGE CONTROLLER IC-316

Type	Server
CPU	Intel Core i7-8700 3.2 GHz
Memory	16 GB
HDD	2 TB
Page-description language	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
Printing method	TCP/IP, SMB, LPR/LPD, IPP, Bonjour
Applicable OS	Windows 8.1 / 10 / Windows Server 2012 / 2012R2 / 2016 / 2019 Mac OS X 10.11 / 10.12 / 10.13 / 10.14
Interface	10Base-T / 100Base-TX / 1000Base-T

OPTIONS

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

All specifications refer to A4-size paper of 80 g/m² 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.

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