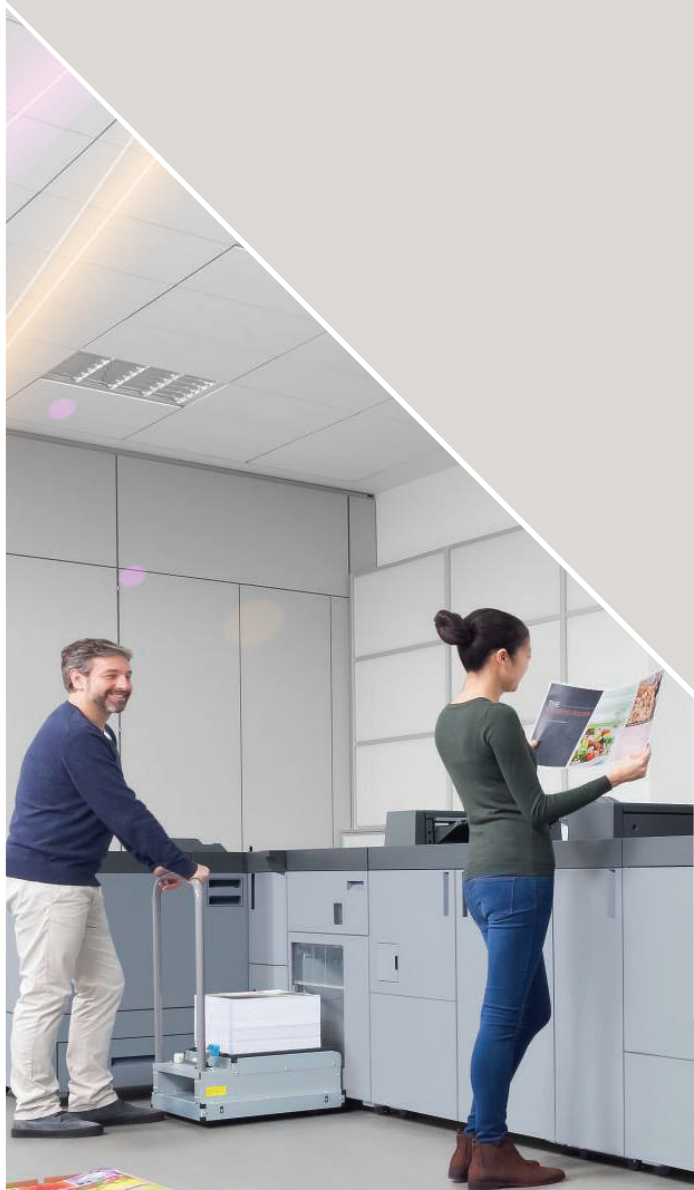# EMPOWER YOUR BUSINESS WITH EFFORTLESS SIMPLICITY

RETHINK EFFICIENCY

Giving Shape to Ideas

DELIVER ADVANCED AUTOMATION TO MAXIMISE PRODUCTIVITY

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 140ppm (up to 120ppm 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.

Grow your business

We place great importance on providing solutions to empower you to grow your business. The new AccurioPress C14000 series supports an extensive variety of media, from thin to thick paper (up to 450g/m^2), embossed paper, envelopes, as well as polyester and cut-sheet labels. It offers long sheet capability of up to 1,300mm in simplex, or 900mm in duplex.

Boost your operational efficiency

Our new generation of 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 revolutionary Intelligent Quality Optimiser Unit (IQ-501), you can achieve optimum 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 significantly resulting in maximum uptime for your business. 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

Equipped with the IQ-501, the AccurioPress C14000 series will automatically adjust the print quality on the fly, ensuring that you are producing the quality that you and your customers expect – from page 1 to page 100 or 1000, today and tomorrow. Registration is perfectly accurate over the entire print run as it is constantly monitored and corrected as required. The enhanced Auto Inspection Technology with the IQ-501 guarantees that only the best prints leave your business – all making sure that your customers will come back to you!

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.

YOUR ADVANTAGES WITH THE

PRINT BOOKS EASILY

- 50-sheet booklet making with optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 30mm
- 100-sheet stapling with cutting mechanism
- 3 side trimmers
- Automated inline business card and postcard cutting
- Full bleed banners, A3 and A4 posters

HIGH PERFORMANCE

AccurioPress C14000
- Duty Cycle up to 2.5 million prints per month
- Up to 140ppm for A4
- Up to 80ppm for A3

AccurioPress C12000
- Duty Cycle up to 2.2 million prints per month
- Up to 120ppm for A4
- Up to 69ppm for A3

SUPERB EFFICIENCY

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

GREAT RELIABILITY

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

AccurioPress C14000 SERIES

HIGH-END PRINT CONTROL

▶ Flexible choice of controller technology: proprietary Konica Minolta controller or EFI® controller

▶ Integration into hybrid workflows

EASE OF USE

▶ Simple paper catalogue settings

▶ Operator replaceable parts

▶ Auto inspection technology

PERFECT IMAGE QUALITY

▶ S.E.A.D. X
2,400 x 3,600 equivalent dpi x 8bit

▶ Simitri V toner technology

▶ Image density control technology

COMPREHENSIVE MEDIA PROCESSING

▶ Up to 450 g/m^2 paper weight

▶ Long sheet size of up to 1,300mm

▶ Air-blow fusing separation

▶ Envelope printing

▶ Support embossed paper

▶ Optional inter-cooler curl eliminator

INNOVATIVE CONTROLLERS FOR EFFICIENT WORKFLOWS

IC-610 KONICA MINOLTA INTEGRATED CONTROLLER*

The AccurioPress C14000 series can be equipped with our IC-610 print controller which offers powerful workflow benefits. These include 2,400 x 3,600 equivalent dpi printing at full rated engine speed, high-speed RIP processing, enhanced accuracy in colour reproduction, various colour management functions. It also offers full compatibility with the print engine, on-board job control and editing functionality.

ACCURIOPRO COLOURMANAGER*

Colour management and colour consistency has never been so easy with our new colour management solution. The standard EngineTune is a wizard based software that enables a level of print engine base set up to maximise print performance.

AccurioPro ColourManager Advance is a cloud subscription solution that gives operators a greater level of colour management that includes Colour profile creation, optimisation and inspection, whilst being able to track records and preform colour.

* Available from July 2020

IC-319 EFI FIERY CONTROLLER

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

IC-318 EFI FIERY CONTROLLER

Reduce labour costs, shorten turnaround times, and minimise errors and paper waste with the advanced job management and workflow automation when you add the Fiery® IC-318 print controller. With the Fiery® IC-318, streamlining the job layout is easy with visual preview and advanced make-ready capabilities. Plus, supporting industry-leading variable data printing (VDP) formats, the Fiery also produces personalised short-run jobs profitably.

TAKE LEADERSHIP AND RESPONSIBILITY
RETHINK TOMORROW'S BUSINESS

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 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 offers its customers the offset of unavoidable CO_2 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.

MADE FOR YOUR BUSINESS

Commercial printers

Offering high speed, high productivity and maximum uptime to help you reduce turnaround times, the AccurioPress C14000 series promises to be the perfect digital press to help your business succeed. Plus, with extensive media flexibility, you can offer your customers more. With the AccurioPress C14000 series, colour quality is top notch. It offers in-built tools to control and adjust on the fly. An inspection system can be added to ensure only the perfect prints leave your print shop.

In-house Printing

The AccurioPress C14000 series support the highest degree of automation and yet also ensures high quality. Professional inline finishing produces ready-made print products at the click of a finger; and the IQ-501 ensures that the print quality is automatically set up, monitored and corrected. Their versatile media flexibility and high productivity make the AccurioPress C14000 and C12000 a solid and lucrative investment for the future.

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Resolution	Equiv. 3,600 x 2,400 dpi, 8-bit, 256 gradations
Paper weight (Plain, Fine, Color Specific) (Coated)	52–450 gsm
Duplex unit	52–450 gsm
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)	140ppm	120 ppm
A3 (max. per minute)	80ppm	69ppm
A4 (max. per hour)	7,981 pph	6,832 pph
Monthly duty cycle	2,500,000 pages	2,200,000 pages

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

*Available from July 2020

FIERY IMAGE CONTROLLER IC-318

Type	Server
CPU	Intel® i5 6500 3.2GHz
Memory	8GB
HDD	1TB
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 2.3GHz
Memory	32GB
HDD	500GB + 2 x 2TB
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

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
			FS-541	100-sheet staple finisher
MK-760	Banner tray unit for MB-511		**SD-510**	Saddle stitch kit for FS-541
PB-503	Perfect binder		**PK-525**	2/3-hole punch for FS-541
MK-737	Mount kit for third party products		**MK-732**	Post-inserter mount Kit for FS-541
RU-510	Relay unit		**PI-502**	Post-Inserter for FS-541
RU-518m	Relay unit		**FD-503**	Multi-fold punch unit
HM-103	Humidification unit		**SD-506**	Booklet making unit
IQ-501	Intelligent quality optimizer		**SD-513**	Saddle stitch unit
RU-702	Relay unit for purging		**FD-504**	Square folding unit for SD-513
UK-301	Auto Inspection unit		**TU-503**	Trimmer unit for SD-513
UK-117	Activation kit for Creo IC-316		**CR-101**	Creaser unit for SD-513
VI-514	Video Interface Kit for IQ-501		**LS-507**	Stacking unit
VI-515	Video Interface Kit for IC-316/318/319, UK-301		**LC-502**	Cart for LS-507
			MK-761	Banner tray unit for RU-518m / OT-512

Please scan for more information on AccurioPress C14000/C12000

About Konica Minolta Business Solutions Asia

Konica Minolta Business Solutions Asia is transforming the workplace of the future with its customer-centric solutions and hardware for the digitally connected world. We are committed to creating new values for the society with our expertise. From information management to technology enabling tools, the solutions help businesses improve their time to information, support mobility, and optimize business processes with workflow automation. Konica Minolta, Inc. has also been named to the Dow Jones Sustainability World Index, one of the most prestigious global indices of ESG investment, for seven years in a row. For more information, please visit http://www.konicaminolta.sg/business/.

(Information accurate as of 3 April 2020)
Our organisation is certified according to ISO27001, ISO9001, ISO14001 and ISO 13485 standards

FOR THE EARTH. FOR THE FUTURE.

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