Designed to Boost Productivity

AccurioPress C6100/C6085
Konica Minolta continues to expand the future of professional printing through a comprehensive and fully modular group of digital printing technologies and solutions named Accurio. Accurio expands flexibility, increases speed and efficiency, and ensures high print quality for businesses ranging from dedicated printing houses to creative design houses. Accurio includes a line of digital press suites, state-of-the-art inkjet printers, and the software and cloud-based tools for integrating, managing and executing seamless workflow.

Automating operations, expanding the possibilities of on-demand offerings, and providing connectivity to prepress and postpress systems, Accurio maximises use of resources, reduces labour and costs, and raises accuracy and productivity. As customer demands for new services and reduced costs continue to grow, printing businesses are embracing digital technology for solutions beyond paper. Accurio is the single solution for a new era in professional printing.

Introducing Konica Minolta’s New Accurio Series

The series includes AccurioPress electrophotographic printing systems, AccurioJet high-end inkjet presses, the AccurioPro workflow solution suite and cloud colour management tools.
The AccurioPress C6100 series is designed to deliver all your printing expectation. With improved machine technology, offering higher quality print materials with greater reliability and stability.

**AUTOMATION**
Auto colour management and front-to-back registration*  
* Optional

**FLEXIBILITY**
Diverse output expands printing service possibilities

**HIGH PRODUCTIVITY**
High productivity and reliability for fast turnaround

**USABILITY**
Streamlined operation improves workflow

**HIGH-QUALITY**
Consistent image output of the highest quality

**INLINE FINISHING**
A diverse inline finisher lineup for added value

BENEFITS OF ACCURIOPRESS C6100 SERIES
AUTOMATION

Intelligent Quality Optimiser IQ-501

The Intelligent Quality Optimiser IQ-501 continuously monitors and adjusts colour and front-to-back registration during printing. Materials are produced with consistent high quality and requires less manual adjustment.

Higher productivity and less manual adjustment

Auto colour and front-to-back adjustment before printing

Automation of density adjustment, colour management and front-to-back registration reduces time previously spent making adjustments. Since tasks such as manual measurements and input of numerical values are no longer necessary, there are fewer measurement and input errors. Colour profiles can also be created automatically to achieve highly accurate colour matching in less time. Greater output and shorter turnaround.

User benefits

» Less manual adjustment and better productivity
» Less paper waste from colour and registration errors
» Less time, effort and skill required by key operators

One-step auto adjustment

Common settings such as maximum density, density balance and gamma adjustment are automatically adjusted in a single step to save time and raise accuracy.
Real-time gradation and front-to-back registration adjustment

Gradation and front-to-back registration are continuously monitored and corrected in real time with no loss in productivity. This feature improves image quality by minimising colour fluctuations, registration misalignment and other errors during printing. It also lowers costs by reducing paper waste.

Accurate colour and registration adjustments are performed in a single pass that includes automatic printing, scanning and analysis of front-to-back registration marks and gradient bars.

Paper sizes compatible with real-time gradation and front-to-back registration adjustment

**Standard sizes**
SRA3, SRA4 or paper with margins in the sub-scanning direction

**Nonstandard sizes**
225mm or more in the sub-scanning direction
HIGH-QUALITY

Consistent image output of the highest quality

Extremely high image quality can be consistently maintained by taking advantage of abundant screens, character quality adjustment functions, and S.E.A.D. V technology utilising the latest Konica Minolta imaging process advances.

Solid image quality and character reproduction

S.E.A.D. V

Konica Minolta’s unique Screen-Enhancing Active Digital system combines highly accurate exposure controls, precision pixel placement and advanced screening to achieve high quality and resolution. It also allows flexible processing and image smoothing control to match varying needs.

Simitri HD\textsuperscript{F} Toner

This next-generation Simitri HD\textsuperscript{F} toner with 3-dimensional polymer structure is highly compatible with wide range of media, expands the colour gamut for superior image accuracy and produces more natural skin tones. It also requires less heat for fusing, which helps reduce power consumption.

- Improved colour reproducibility and fade resistance.
- Enhanced half tone and skin tone quality thanks to improved granularity.
- Produces an effect that improves image quality and reduces energy use. Also allows high-speed processing.
FLEXIBILITY

Diverse output expands printing service possibilities

AccurioPress C6100/C6085 expands business potential by supporting 400gsm thick paper, banner printing (max. 1,300mm long), envelope printing and more at affordable cost.

Thick paper compatibility broadens the service range

Up to 400gsm thick

Printing is possible on 400gsm thick paper even during automatic duplexing — with solid stability and no loss of productivity. This capability expands the range of potential applications to include thick-paper tags, stand-up menus, sales promotion tools and more.

Examples of applications using thick paper
Package samples • Tags • Stand-up menus • Promotion tools, etc.

Compatibility with envelope, banner and thick paper printing

Envelope and banner printing functions

A fusing unit dedicated to envelope printing ensures stable, high-quality printing on general-purpose envelopes with minimal folding creases or differences in adhesive strip gloss. Printing of banners up to 1,300mm long, with auto duplexing of banners up to 762mm long, is also top-of-class. The mounted LU-202XLM enables continuous paper feeding of up to 1,000 sheets (up to 762mm) and optional accessories can be added to improve embossed paper printing quality.
USABILITY

Streamlined operation improves the workflow

User-friendly operation increases output efficiency, especially when the optional print controller IC-604 is employed to optimise the workflow for even higher output and improved colour management.

**Konica Minolta Print Controller IC-604**

<table>
<thead>
<tr>
<th>Improved data handling efficiency</th>
<th>State-of-the-art printing-reproduction function</th>
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<tr>
<td><strong>Job control/editing with the main body panel</strong></td>
<td><strong>Standard APPE 4.2</strong></td>
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<tr>
<td>Management of jobs including job ticketing and pagination is intuitive on the user-friendly screen. Tone curves can be adjusted in a similar manner to that of Colour Centro and a USB mouse can be connected for PC-like operation.</td>
<td>APPE 4.2 (Adobe PDF Print Engine 4.2) bypasses the printer driver to directly process PDF files for appropriate reproduction of transparency.</td>
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**Job Centro 2.0**

Job management from PCs is simplified by an outstanding interface with elements such as indicators and thumbnails that enhance operating ease and efficiency.

**Colour Centro**

Colour Centro includes Exact Colour colour management software that enables high-precision 3D colour calibration superior to that of conventional 1D calibration. Editing can be performed and settings can be made for colour verification, G7 calibration, ICC profile creation, etc. without using a PC.

**High-precision spectral densitometer**

Konica Minolta's high-precision spectral densitometer FD-5BT*1 can be used to perform tasks such as ICC profile creation and calibration. It can also be used as a standalone densitometer with a display in the CTP room. Auto scan spectral densitometer FD-9*1, a higher end product, can also be used with the C6100 Series.

**Seamless offset printing connectivity**

**JDF compatibility**

Thanks to compatibility with JDF, a standard format for the display and transfer of jobs between printing processes, the operator can use familiar CTP workflow RIPS such as APOGEE, EQUIOS and Prinergy*1 for a hybrid workflow with a seamlessly connected offset printer. Digital printing thus becomes an offset printing option that enables more flexible handling.

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*1: Optional

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*1: “APOGEE” is a product of Agfa-Gevaert N.V. “EQUIOS” is a product of SCREEN Graphic and Precision Solutions Co., Ltd. “Prinergy” is a product of Eastman Kodak Company.
HIGH-PRODUCTIVE

High productivity and reliability for fast turnaround

The professional handling capabilities of the AccurioPress C6100 help professional printing companies meet tight deadlines with ease. Whether handling thin or thick paper, it maintains 100% productivity.

Handle high-volume jobs at high speed

Productive printing irrespective of paper thickness

**High-speed 100ppm output**

Whether printing paper of 52 or 400gsm thickness, the large-diameter upper fusing system and Simitri HD® toner synergise to output 100 sheets per minute*. The large contact area of the fusing belt, optimised for rapid and uniform thermal conduction, contributes to outstanding toner fusion and high productivity.

*1: For A4 horizontal on C6100 (85 sheets per minute on C6085)

Enhanced paper menu and search functions

Fast and easy paper settings

Default settings are provided for every type of paper and additional settings can be registered to meet every need. Simple settings and user-friendly search functions contribute to easy setup and high productivity.

Easy large-volume printing

**Large-volume paper feed and output system**

The system can be expanded to feed a maximum 13,890 sheets and output a maximum 10,000 sheets using 9 varieties of paper. Paper replenishment and removal, for both paper feeding and output, are possible during printing to simplify large-volume processing tasks.

Highly efficient scanning

**High-speed duplex scanner PF-711**

The high-speed duplex scanner is ideal for law offices, educational establishments and others that need to scan and store large volumes of documents as data. It reads 75 colour or 80 monochrome pages per minute* with high reliability thanks to a built-in high-speed double-feed detector.

*1: A4, 300dpi (duplex scanning of 150 colour pages or 160 monochrome pages)
**INLINE FINISHING**

**T-shape saddle stitcher SD-513**

This unit provides all the refined saddle-stitching capabilities of an offset printing bookbinder when combined with Square Corner Forming unit FD-504, creaser unit CR-101 and trimmer unit TU-503.

**Spine Corner Forming unit FD-504**

This unit creates a spine corner for saddle-stitched booklets to reduce booklet swelling and allows adjustment of flat back strength.

**Creaser unit CR-101**

The creaser unit applies creases to folding lines to prevent the toner from cracking for a neater finish.

**Trimmer unit TU-503**

This unit trims both upper and lower edges and can produce full bleed booklets when used in combination with the standard fore edge trimming unit.

**Multi-folding unit FD-503**

The FD-503 is a multi-function multi-folding unit capable of double-parallel folding, gate folding, centre folding, tri-folding and other tasks. It can quickly handle diverse jobs such as DM production. The unit is also furnished with 2 and 3-hole punching functions and a sheet-insert function. When combined with the PB-503, it can insert Z-folded pages in perfect bound books.

**Staple finisher FS-532**

The staple finisher is capable of stapling up to 100 sheets*1 and cutting the excess length from staple legs. With the saddle-stitcher option mounted, tasks such as multi tri-folding and centre folding can be performed in addition to saddle stitching. High paper alignment and a revised paper-feed path ensure a neat finish even for large numbers of stitched sheets. The unit can also be expanded with a punch and post inserter*2.

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*1: With FD-504 mounted  
*2: With CR-101 mounted  
*3: With TU-503 mounted  
*4: With PK-522 mounted  
*5: With PI-502 mounted  

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Note: Some combinations of options are not compatible.
A diverse inline finisher lineup for added value

A wide range of inline finishing options are available that boast top-of-class professional specifications. They efficiently meet the needs of diverse output formats to enable services that can differentiate companies from the competition.

For small-lot manuals, catalogues, etc.

**Saddle stitcher SD-506**

This saddle stitcher can create booklets of up to 50 sheets/200 pages (80gsm). A set-on-saddle mechanism allows stiff, accurate folding that decreases sheet misalignment during binding. Double-parallel and tri-fold functions, as well as a fore-edge cutting function that provides a neat finish, are standard equipped for efficient post-processing.

**Perfect binder PB-503**

This unit provides a top-of-class perfect binding finish for up to 300 sheets/600 pages of 80gsm thickness up to a total binding thickness of 30mm. Paper up to 216gsm thick can be used for the cover and both printing and gluing can be performed inline. Sophisticated sheet alignment technology realises a neat finish even without three-edge trimming. Completed bound books are stacked automatically on a provided stacking cart.

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Ample capacity for high work efficiency

**Large-capacity stacker LS-506**

Up to two stacker units that accommodate 5,000 sheets each can be installed side-by-side for a total 10,000-sheet capacity. Finished documents can be removed via cart for easy transport to the next process. A sample ejection function allows quality checks during high-volume printing.

**High-capacity output tray OT-510**

The capacity of this low-cost output tray has been increased from 500 sheets to 4,200 sheets. It’s a highly cost-effective initial investment for users with standalone post-processing equipment.

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*1: With FD-503 mounted
*1 The WT-511 can not be installed when you connect the PF-602m and the PF-707.

*2 Select one of OC-511 or DF-706. However, it is not for C2070P since it does not have a scanner and the DF function.

* Scheduled for the 2nd version. Please contact for using in local area.
Specifications

Saddle Stitcher SD-510 *Option of FS-532

- **Paper Size**: A4, A3, B4, B5, B5S, B5, A4, A5, A5S, B5, A4, 11 x 17, 8 x 11, 8 x 14, 8 x 14, 3, 18 1/4, 8 1/2 x 11 1/4, 8 1/2 x 11
- **Fold Mode**: Saddle-stitching
- **Trimmer Unit**: TU-503

**Spine Corner Forming Unit**

- **Paper Size**: Includes 50 sheets
- **Fold-Over Mode**: Maximum 30 sheets
- **Trimmer**: 150 sheets

**Folding Unit**

- **Max. Conveying Speed**: 12 to 16,000
- **Max. Power Consumption**: 1,050W

**Perfect Binder PB-503**

- **Paper Size**: A4, A5, A5S, A4, 11 x 17, 8 x 11, 8 x 14
- **Weight**: Approximately 10 sheets max.

**Large Capacity Output Tray**

- **Paper Size**: A4, A5, A5S, A4, 11 x 17, 8 x 11, 8 x 14, 8 x 14, 3, 18 1/4, 8 1/2 x 11 1/4, 8 1/2 x 11
- **Weight**: Approximately 1,000 sheets max.

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**Note**:

1. Specifications are subject to change without notice.
2. Dimensions (unit: mm)
3. Power (Watt): 100VAC, 5VDC (Only 5VDC is supplied from the main body)
4. Weight: Approximately 100 kg / 220 lb
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Presence in the region

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 create new values for the society with our expertise. From information management to technology enabling tools, the solutions help businesses improve time to information, support mobility, and optimise business processes with workflow automation. Konica Minolta, Inc. has also been named to the Dow Jones Sustainability World Index for five years in a row. For more information, please visit http://www.konicaminolta.sg/business/