



KONICA MINOLTA

# AccurioPress 6136/6136P/6120

Production Printing System



Giving Shape to Ideas

With the highest productivity, reliability and labour-saving in its class, transfer from offset is accelerated and higher working efficiency is pursued.

## A high-end monochrome production press, AccurioPress New Series is now born!



# AccurioPress

## 6136/6136P/6120

6136/6136P: 136ppm 6120: 120ppm



### The Konica-Minolta Accurio Series contributes to improvement of customer's business

The Accurio Series supports business growth by expanding printing services, automating efficiency, raising output quality and lowering costs. The series includes AccurioPress electrophotographic printing systems, AccurioJet high-end inkjet presses, the AccurioPro workflow solution suite and cloud colour management tools.





### Intelligent Quality Optimiser

Before and during printing, automatically corrects density and gradation as well as front-to-back registration, and quickly and stably provides high-quality printed materials.



### Maximum 350gsm thick paper printing

Contributes to the expansion of printing services, including packages, additional printing of name cards using impactful thick paper, printing of price tags, etc.



### 40gsm thin paper compatibility

A wide array of utilisation, including contracts, low-cost flyers, invoice printing, and other materials. Proposals for low-cost printing using thin paper are also possible.



### Stable paper feed performance

Uses an air suction paper feed system that demonstrates strengths not only for thick paper with a large transport load, but also for additional printing on easily slipping offset prints.



### Low-cost envelope printing

An envelope printing-dedicated fusing unit is used to achieve stable transport. Because universal envelopes with centre pasting can also be used, a low-cost printing environment is achieved.



### High-quality saddle-stitch bookbinding

When equipped with SD-513, saddle stitch printing up to a class maximum of 200 pages can be performed, and high-quality bookbinding using the square back function and/or three-way trimming (slit) function is possible.



### Thick case bookbinding

Use of PB-503 provides the ability to perform case bookbinding up to a class maximum of 600 pages. Since bookbinding can be performed without cutting, efficient bookbinding without use of untrimmed raw format (SRA) is possible.



### Diverse folding functions

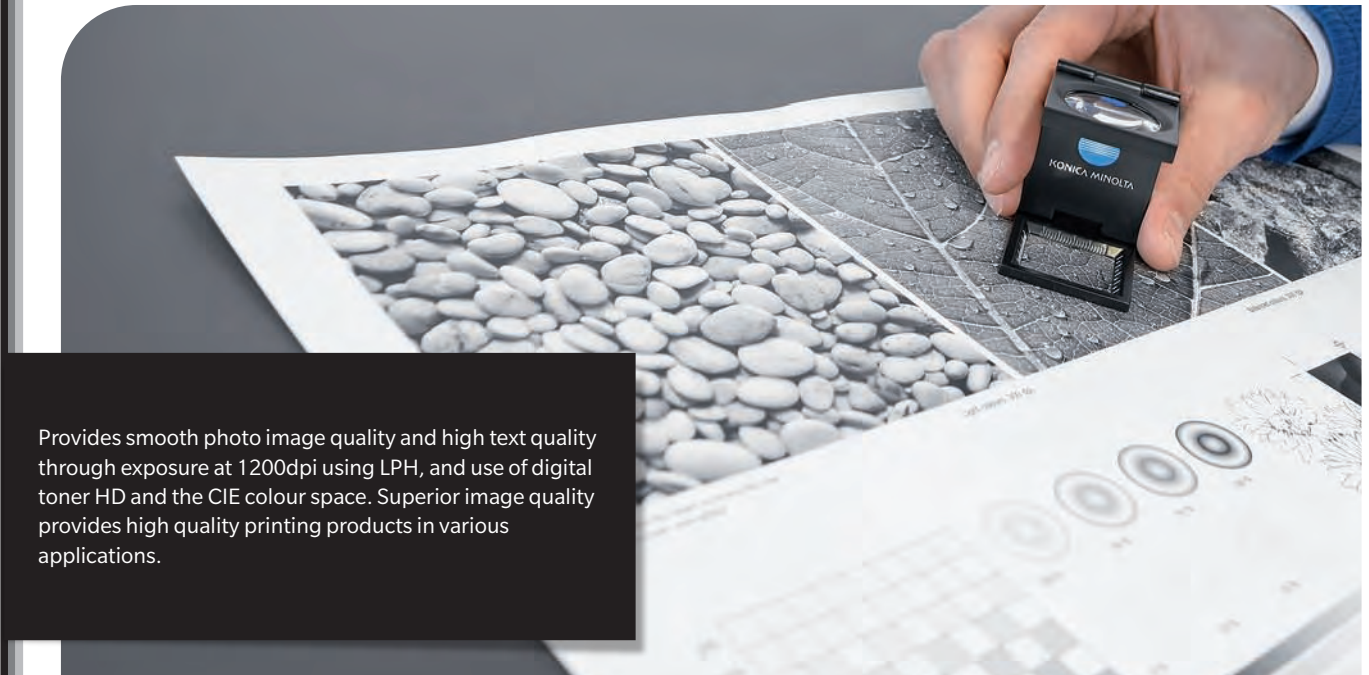
FD-503 provides a diverse range of folding functions. An efficient printing environment can be obtained without offline operation, for simple flyers, DM, and travel itineraries, etc.

## AccurioPress 6136 Series with its diverse functions responds to professional user requests



- High productivity and durability in response to high-volume printing
- Intelligent Quality Optimiser in response to demand for high quality and short delivery times
- Flexible paper compatibility to expand the printing service category
- High image quality not limited to application
- High-function finishers contribute to improved work efficiency and short delivery time
- Superior operability, and building of an optimum work flow

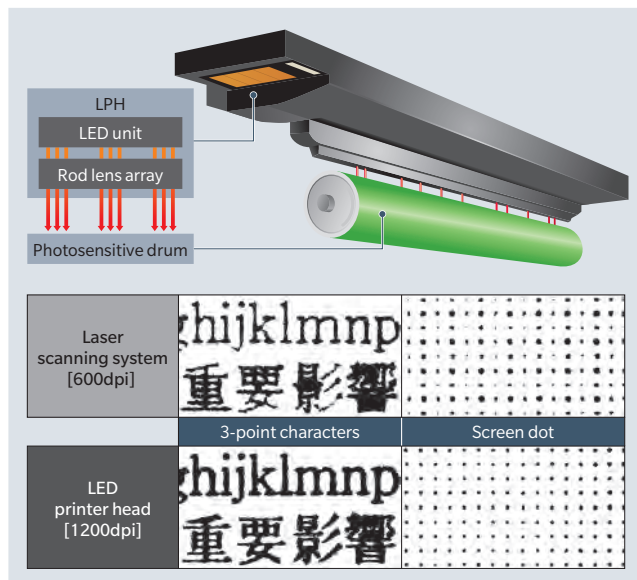
# High image quality



## Writing with LED print head (LPH)

### 1200dpi high resolution output

Utilises an LED printer head for writing using an LED unit. A fine 30µm beam diameter achieves 1200dpi high resolution, realising superb reproducibility. Sharply boosts detailed text and screen gradation quality.



## Upholds both high image quality and environmental considerations

### Simitri HD Toner

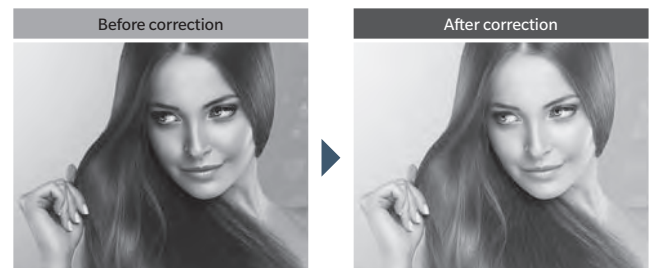
Uses Simitri HD toner that includes material with plant-derived components. Since it can be fused at low temperature, it can contribute to reduced power consumption. In addition, effects on the environment are taken into consideration from various perspectives during manufacturing, during use, and during discard.

**Simitri HD**  
High Definition Polymerized Toner

## For simplification of work process, and improved quality

### Tone Curve Utility

Tone curve adjustment is possible in the standard equipped Color Centro. Brightness, contrast, and other settings of the print job can be adjusted, and even if blown out highlights or blocked out shadows occur, these can be quickly corrected without needing to resort to special applications. It contributes greatly to work efficiency and improved quality.

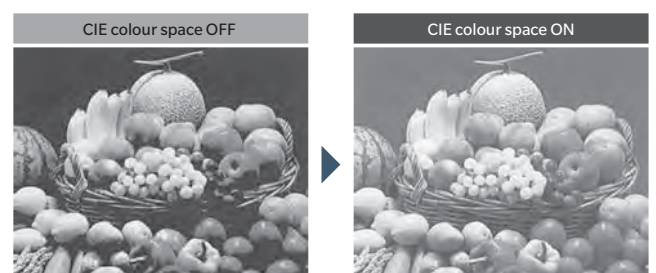


## Optimal processing of CMYK data

### Use of the CIE colour space

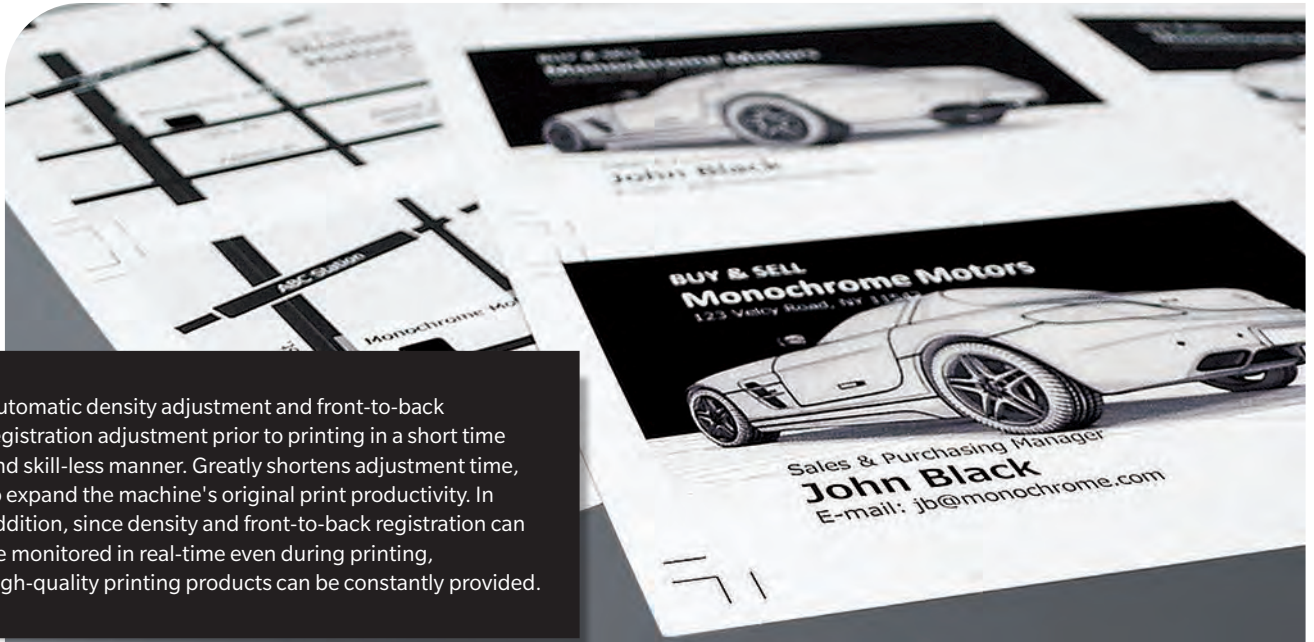
When outputting colour files, input images are temporarily converted to the CIE space. After that images are converted to the machine's colour space and optimal processing is performed. Compared with conventional formula-based simple conversions, it suppresses colour blocking in shadowed parts, and enables expression of rich gradations.

\*The output speed may decline.





# Intelligent Quality Optimiser IQ-501 (Optional)



Automatic density adjustment and front-to-back registration adjustment prior to printing in a short time and skill-less manner. Greatly shortens adjustment time, to expand the machine's original print productivity. In addition, since density and front-to-back registration can be monitored in real-time even during printing, high-quality printing products can be constantly provided.

Implements high accuracy in a short time and skill-less manner

## Automatic density correction and front-to-back registration adjustment

Density correction and front-to-back registration adjustment is performed automatically prior to printing. This greatly reduces adjustment time required for what would otherwise be production time, and contributes to improvement of printing work efficiency that links directly to profits. In addition, manual measurement or numerical input performed previously is also unnecessary. This eliminates quality problems due to measurement or input errors, while enhances skill-less production of high-quality print products.

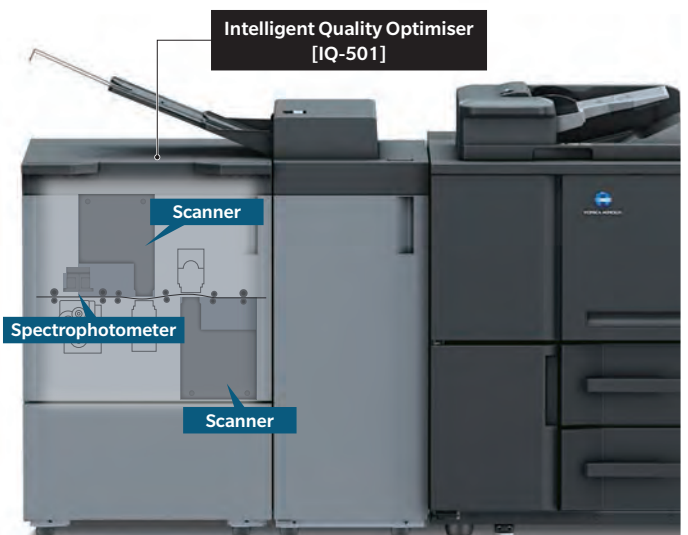
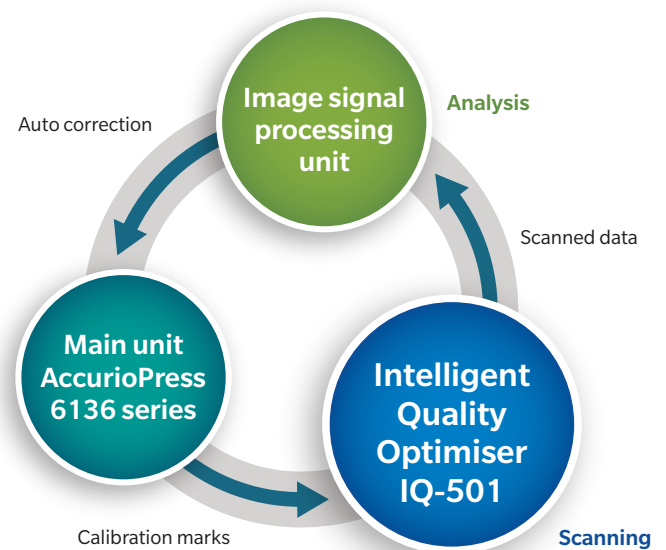
Monitoring and correction in real-time during printing

## Real-time gradation correction and front-to-back registration adjustment

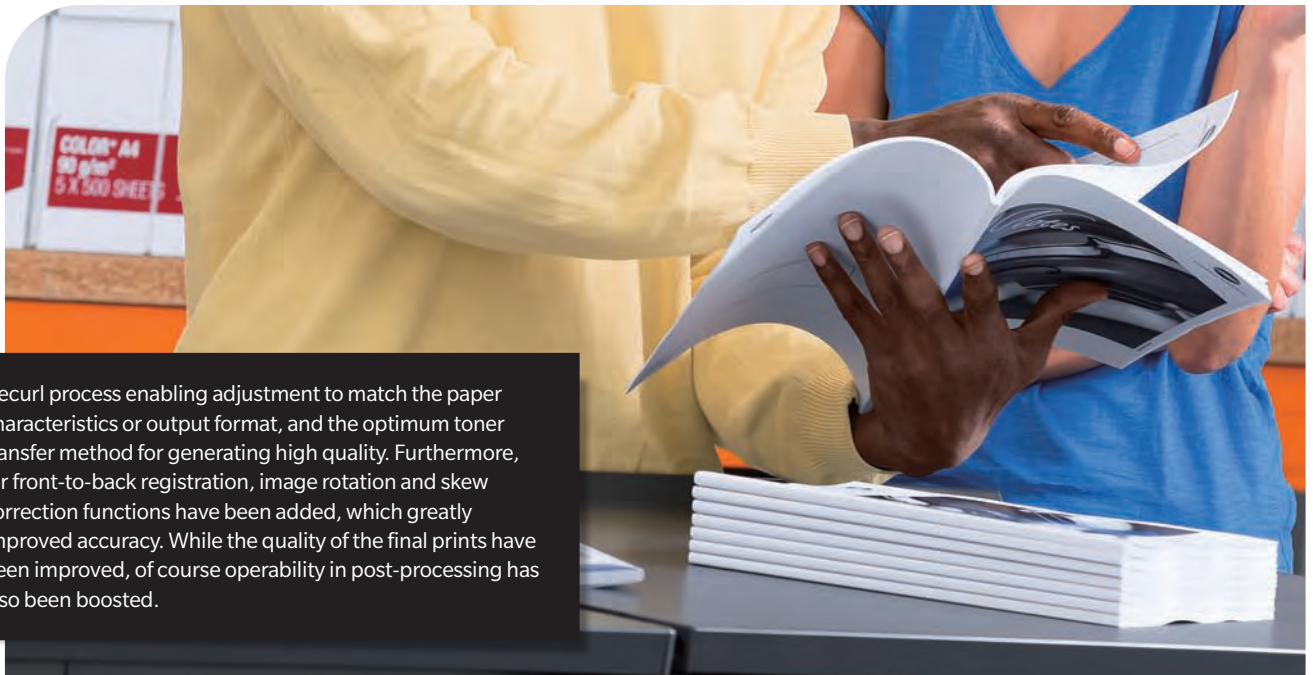
A gradation patch and crop mark is automatically written into the white margin space of printed materials for continuous monitoring without a drop in productivity even during printing. If deviation from the target level is detected, it is automatically corrected so that print wastes are reduced, contributing to cost reduction and enhanced customer trust.



For business cards, tickets, and book printing where registration accuracy is critical



# Functions supporting high quality



Decurl process enabling adjustment to match the paper characteristics or output format, and the optimum toner transfer method for generating high quality. Furthermore, for front-to-back registration, image rotation and skew correction functions have been added, which greatly improved accuracy. While the quality of the final prints have been improved, of course operability in post-processing has also been boosted.

## Optimum curl adjustment without a drop in productivity

### Real-time curl correction function

\*Optional

With the newly developed RU-518 relay unit, a 20-stage detailed de-curling adjustment is enabled. De-curling is also performed in real-time during printing without interruption. Flat printed sheets serves to reduce the post-processing load and waste.



## For simplification of work processes and improved quality

### Hybrid curl adjustment function

\*Optional

RU-518 relay unit is equipped with HM-103 humidification unit, enabling use of a hybrid de-curl system that uses both a mechanical system and humidification system. Humidification serves to cool paper that becomes heated while in the fusing unit, and to lower stiffness, to enable more efficient de-curling. In addition, since it also has an electrostatic removal effect, and not just de-curling, operability in offline post-processing can be greatly improved.

## Image rotation and skew correction added

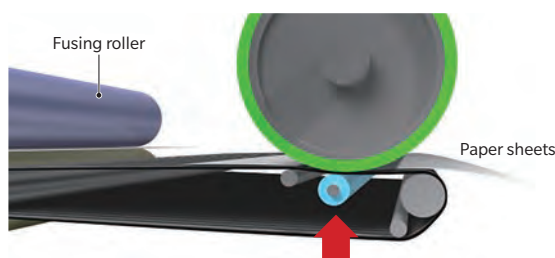
### High precision front-to-back registration adjustment function

In response to image rotation and skew adjustment, high-precision front-to-back registration adjustment is now possible. Facilitated adjustment is now possible for such applications as business cards, shop cards, and tickets, etc., where highly precise front-to-back registration is required.

## Improved toner transfer quality and sheet transportability

### Belt transfer method

Sheets are made to adhere to the belt, eliminating gaps, and belt pressure is applied to ensure that toner adheres evenly. This minimises image defects that occur on the paper edge and transfer slips that occur due to roller resistance.



Pressure is applied by the transfer roller to the belt or drum, and paper sheets adhere to the drum.





# Compatibility with a wide-range of paper types and applications

\*The colour output samples on this page are those of additional prints.



Superior paper sheet transport technology providing stable supply of a variety of paper sheet types over a wide range of grammage (40 to 350gsm). Strengthens paper feeding for paper sheets that have undergone offset printing or envelopes, address labels, etc., to support business expansion through uncovering potential customer needs.

Paper compatibility at the top of its class

## 40gsm thin paper to 350gsm thick paper printing possible

Compatible with 40gsm thin paper to 350gsm thick paper. Automatic duplex printing also accepts the paper up to 300gsm thickness. The top level in its class for paper compatibility with diverse printing service capability includes thick letter packages, tag printing, and many other applications.



Thick paper printing

Price tags, packages, etc.



Thin paper printing

Invoices, contracts, reports, etc.

Stable feeding of thick paper and offset-printed sheets

## Air-suction paper-feed system

\*Optional

PF-710, a high capacity paper feeder uses not just the air flow mechanism, but also an air suction paper feed using the same mechanism as offset printing, achieving reliable and stable paper feed even for thick paper with a high supply load and offset-printed sheet, etc.



Additional printing

Business cards, invitations, tickets, awards, etc.

Uses a dedicated fusing unit

## High-quality envelope printing

\*Optional

An envelope printing-dedicated fusing unit is used to ensure stable and high-quality envelope printing. Since it is designed to minimise glossiness difference in the envelope overlapping area, inexpensive universal envelopes may also be used for cost reduction.



Envelope printing

Address printing with variables, etc.

# High productivity and superior durability

For frequently used A3 size, a high-speed colour scanner is equipped for productivity that is the highest level in its class. In addition, a tough design using a highly rigid frame ensures reliable performance even in an extremely busy environment. Truly this production machine can boast of high-level productivity and reliability.



## Superior instantaneous power improves productivity

### A4: 136ppm, A3: 78ppm high-speed output

With A4 landscape at 136 ppm and top in its class 78 ppm for A3 size, high productivity is achieved. This contributes to expansion of printing business realised by quick delivery and quick response to sudden print orders, which is important for on-demand printing.

\*6120 is A4:120ppm, A3:70ppm

## More efficient data archive business

### Uses a high-speed dual colour scanner

Uses a high-speed dual colour scanner with a maximum scanning speed of 240 opm (at 300 dpi duplex scanning). Provides powerful support for data archiving at schools, government agencies, law offices, etc., supporting a wide range of application in addition to the printing business.

\*Standard-equipped on 6136/6120



## Supports high volume printing

### High volume paper feed and stacking capability

Maximum three units of PF-710, a large capacity paper feeder\*<sup>1</sup> can be configured in series. Together with the main body paper feeder, it can reach a maximum 18,000 sheets of continuous paper supply. In addition, the LS-506 high capacity stacker\*<sup>1</sup> can also have a maximum of 3 stackers in series, and boasts of a maximum paper stack capacity of 15,000 sheets. These high volume paper feed and stack capacities support high volume printing.

\*1: Optional \*Paper feed capacity, all with 80gsm thick paper.



## Replacement can be performed even during printing

### Large capacity toner bottle

About 105,000 sheets\*<sup>1</sup> equivalent of output-capable toner bottles are mounted. The large capacity bottle eliminates the effort needed for replacement, and enables replacement even during printing. Downtime is reduced and work efficiency is improved.

\*1: When copying A4 size, text original of 5% coverage.



## Reliability as a production machine.

### Adoption of a highly rigid body

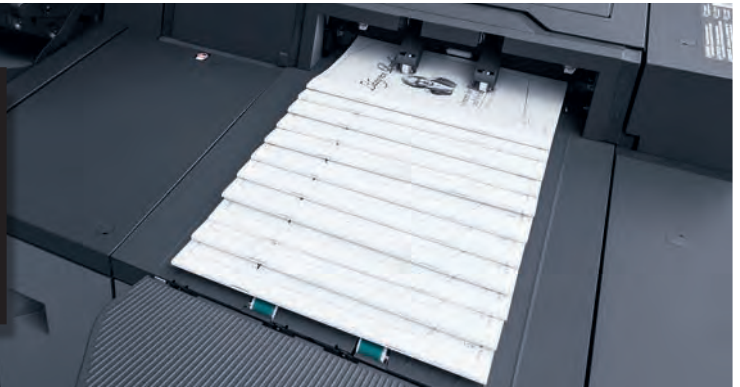
A tough, highly durable metal frame body is used, which exhibits stable reliability even at continuous operation. Consumables achieve longer life, and contribute to reductions in replacement frequency over long periods.





# High-performance finisher (Optional)

High performance finishers are available, providing saddle stitch bookbinding with square back, three-edge trimming, creasing, and case binding with maximum of 600 pages(top in its class), 4-fold, gate fold, or other folding functions. This contributes greatly to reduction in personnel expenses or outsourcing expenses at CRD, etc., and to quick delivery services, etc.

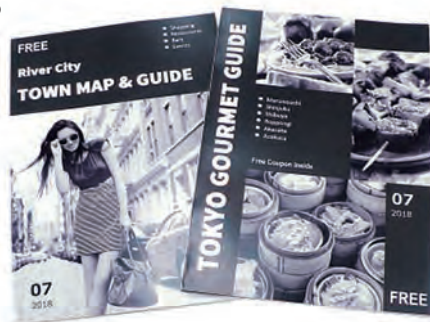


High quality saddle stitch bookbinding up to maximum 200 pages

## T-shape saddle stitcher SD-513

This saddle stitching binder that provides a high-quality arch clinch mechanism also has 4-point stapling, multi-sheet centre-fold, and multi-sheet tri-fold functions. With additional options, it can provide square back finish, and can also handle full-bleed designs using three-edge trimming functions. High-quality saddle-stitch bookbinding can also be provided.

In addition, addition of creaser of up to 4 lines is also possible.



Responsive to a maximum 600 pages

## Perfect binder PB-503

Perfectly binds up to 300 sheets (600 pages) or up to 30 mm thick. Cardstock up to 216 gsm\*<sup>1</sup> can be used for the cover, and inline printing and gluing is also available. It is also possible to be coupled with a staple finisher, contributing to a system configuration offering multiple compatibility, costs savings, and space savings.

\*1: Max. 91 gsm for the inner pages when using a cover.



Supports efficient DM and pamphlet production

## Multi-folding unit FD-503

Equipped with a range of folding functions including centre-fold, tri-fold in/out, double parallel, Z-fold, gate fold, and 2-hole and 3-hole punching functions. It is also equipped with a sheet inserter function. Since manual processing is also possible, offline operations may also be performed.



Compact All-in-One Finisher

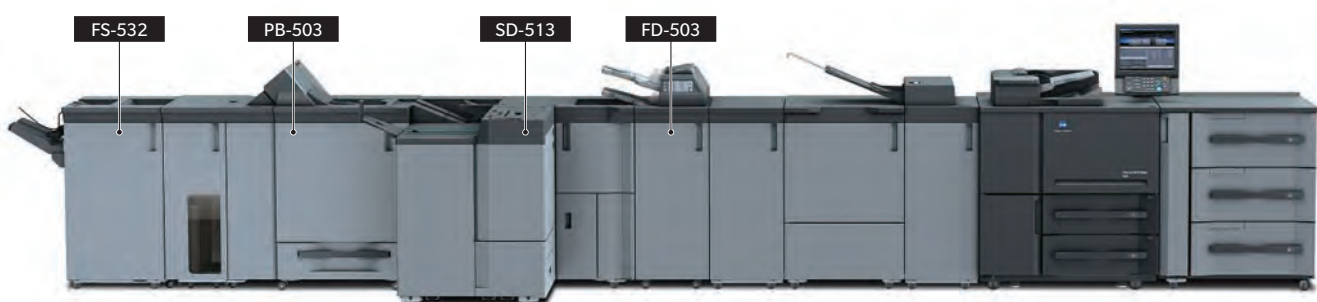
## Staple finisher FS-532

FS-532 stapling finisher with staple cutter provides stapling for up to 100 sheets\*<sup>1</sup> for beautiful finishes regardless of the number of sheets through enhanced paper output consistency and a refined paper path. And a choice of three sub-options, Saddle stitcher SD-510, Punch Kit PK-522, Post Inserter PI-502 can be fitted to expand the system when required.

\*1: Stapling for up to 50 sheets for A3 paper.

Other finisher options

- The PI-PFU kit allows large volume paper sheet inserts [FA-503]
- Saddle-stitch unit used in manual or catalogue production [SD-506]



# Superior operability

The 15-Inch large touch panel with superior visibility and operability greatly improves operation efficiency with a UI display unified with that of colour machine. Furthermore, it features advanced job management support for operators, which simplifies output work and reduces labour costs.



## Achieves seamless operations

### Touch panel unified with that of colour machine

UI of the operation panels of colour/monochrome machines is unified as one. Improves the operational training at the time of installation and the operability after installation.



Colour machine (C6100)



Monochrome machine (6136)

## Registration of up to a maximum of 256 types

### Paper profile

In each paper tray, the size settings, air blow settings and paper types can be selected. Since optimum process settings can be immediately called up for each paper, paper changes according to job changes can be performed efficiently. In this paper catalogue, up to a maximum of 256 profiles can be registered.

## Improved operation efficiency through finely detailed settings

### Job ticket/page editing

Detailed checking or editing of job tickets can be performed. The preview of the edited job ticket can be displayed, or sample output for confirmation can be performed. Flexible job management can make complex and fine-scaled output operations more efficient.



Job ticket editing screen



Page editing screen

## Easy-to-use, flexible utilities

### Color Centro (Standard)

The Color Centro software, used for the same colour management as the colour production machine, is equipped as standard. Adjustment of tone curves can be performed from a PC for image and text/graphics, respectively, to enable more flexible image quality adjustment.



## Seamless, easy-to-use interface

### AccurioPro Print Manager (Standard)

Functions equivalent to Job Centro mounted on the colour production printing system, etc., can now be used from a web browser. An easy-to-use interface having a high degree of affinity with the main body panel and printer driver supports more efficient operation. In addition, Color Centro also can be started up from this screen, enabling seamless management performance.

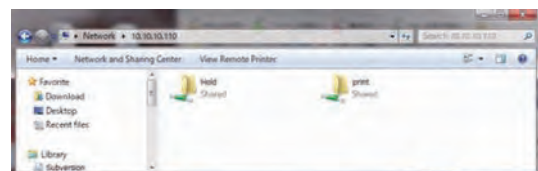


## Facilitated print out using hot folders

### Direct print

Merely by performing drag & drop of a PDF/TIFF file on the icon or shared folder, printing can be performed without starting up the application. If a number of icons for the print settings used most often are prepared, there is no need to redo the settings for each output, providing convenience with exceptionally speedy operation.

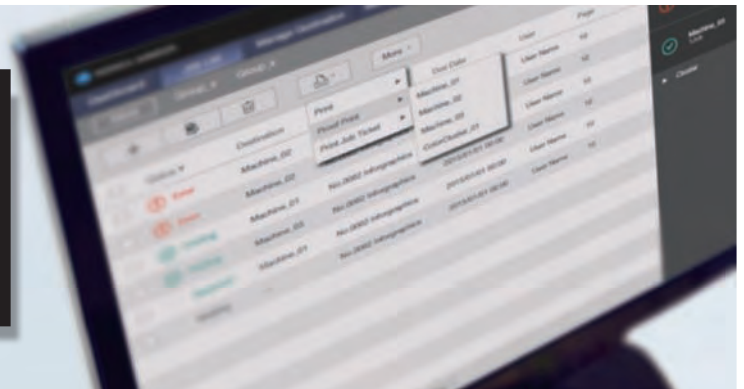
\*Both the AccurioPro Hot Folder and main body function can perform direct print.





# Highly efficient work flow

Enhances functions of various linkages. Realises a highly efficient, low-cost print work flow using AccurioPro Conductor and helps structure secure print environment using linkage with authentication system. In addition, linkage with external software provides an efficient work environment through use of software compatible with OpenAPI or IWS.



## Improves operability through linkage

### Application compatibility allowing linkage with office machines

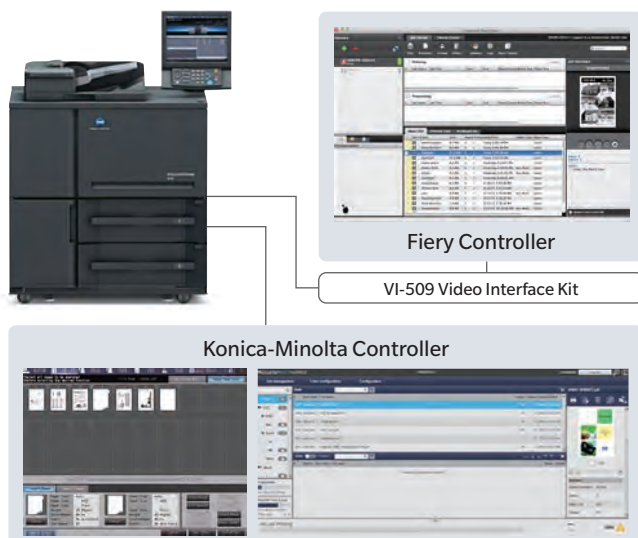
Compatible with bizhub Connector for the linkage with office machines. Registering additional applications with the main unit allows connection of main unit operation panel to various cloud services\*<sup>1</sup> or SharePoint Server\*<sup>2</sup>. This enables uploading the scan data after conversion and achieving the linkage with external services that can perform direct printing, etc. In addition, OpenAPI ver. 4.7\*<sup>3</sup> is mounted, which enables utilisation of various solution applications including authentication, billing, ubiquitous printing, etc.

\*1: Google Drive, Gmail, Evernote \*2: SharePointServer 2007/2010/2013/2016  
\*3: To be supported with 2nd version or later

## Also compatible with EFI controller

### Flexible controller selection

In addition to the Konica Minolta controller, it can be also compatible with the Fiery Controller (Type C) using the VI-509 Video Interface Kit. Users currently using the EFI controller can introduce the new controller without interrupting the usage environment the user is familiar with.



## Strengthened security in response to scale and environment

### User authentication

In addition to the authentication that can be performed on the main body alone, authentication using PageScope Authentication Manager\*<sup>1</sup> that integrally manages the user information through external servers such as Active Directory is also possible. Also the verification using FeliCa or other non-contact IC cards for identification of company employees can strengthen security without degrading operation efficiency. Operations linked to employee's room entry and exit management are possible, and the operation style can be selected to match the scale and environment of the company.

\*1: Optional  
\*An optional IC card authentication unit [AU-201S] is necessary.

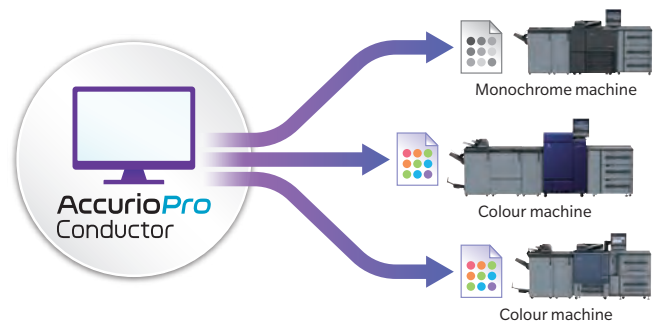


## Job management solution

### AccurioPro Conductor

\*Optional

AccurioPro Conductor, by providing unified management of multiple printing machines and automating various operations, greatly improves work efficiency. Various print jobs with different standards and conditions can be seamlessly processed. Colour and monochrome machine output is optimised to achieve higher productivity and lower production costs. It also has a function to automatically print monochrome pages within the print file on the low-cost monochrome machine, etc., to contribute to reduction of total cost.



## Compatible with the latest safety and environmental standards

Already compatible with the new IEC62368-1 safety standard planned to be enforced in June 2019, and the latest versions of the International Energy Star Program. Actively takes on efforts to protect the environment.



## AccurioPress 6136/6136P/6120 General Specifications

Model Name		AccurioPress 6136	AccurioPress 6120	AccurioPress 6136P
Type		Console type		
Resolution	Scan	600 dpi × 600 dpi		
	Print	1,200 dpi × 1,200 dpi		
Gradation		256 gradation		
Memory		16GB		
HDD		1 TB × 2		
Original Type		Sheet, Book, Solid object		
Max. Original Size		A3 or 11×17		
Max. Printing Area		313.9 mm × 483 mm		
Paper Size		Printer tray: SRA3, SRA4, A3, B4, A4, B5, A5S, Tab paper, Max. 324 mm × 463 mm, Min. 182 mm × 139 mm PF-710, PF-709 (Option): SRA3, SRA4, A3, B4, A4, A5S, Tab paper, Postcard, Max. 324 mm × 483 mm, Min. 95 mm × 133 mm		
Image Loss		Max. 3.0 mm or less for top edge, Max. 2.0 mm or less for bottom edge, Max. 2.0 mm or less for right / left edges		
Warm-up Time		420 seconds or less (at room temp 20°C, rated power supply)		
First copy Out Time* <sup>1</sup>		2.7 seconds or less	2.8 seconds or less	2.7 seconds or less
Continuous Print Speed* <sup>2</sup>		136 pages/min. (A4 landscape)	120 pages/min. (A4 landscape)	136 pages/min. (A4 landscape)
		78 pages/min. (A3)	70 pages/min. (A3)	78 pages/min. (A3)
Copy Magnification	Fixed Same Magnification	1: 1±0.5% or less		
	Scaling Up	1: 1.154/1.224/1.414/2.000		
	Scaling Down	1: 0.866/0.816/0.707/0.500		
	Preset	3 types		
	Zoom	25 to 400% (in 0.1% increments)		
Tray Capacity		Standard: 1,500 sheets × 2 (80 gsm)		
Paper Weight		Standard: 40 gsm to 300 gsm (Limitations to paper types apply) PF-706 and middle tray of PF-709 : 40 gsm to 350 gsm (Limitations to paper types apply)		
Continuous Print Count		Up to 9,999 sheets		
Auto Duplex		SRA3, SRA4, A3, B4, A4, B5, A5, Max. 324 mm × 483 mm, Min. 95 mm × 133 mm Paper Weight: 40 gsm to 300 gsm		
Power Source		AC 200 to 240V, 16 to 17A, 50/60Hz		
Power Consumption		Max. 4.8 kW		
Dimensions (W × D × H)		990 × 910 × 1,454 mm (includes operation panel)		
Space Requirements		631 mm or more in the front (for sliding out ADU unit), 200 mm or more from the rear duct, 100 mm or more on the both sides		
Weight		Approx. 369 kg		Approx. 345 kg

\*1: When A4 landscape original is scanned on the platen (zoom 100%, Tray-1) \*2: Print speed may vary depending on paper type.

## Controller

Type		Embedded (Network standard)
CPU		Intel i5-4570S 2.9 GHz
Memory		16 GB
HDD/SSD		HDD: 1 TB ×2, SSD: 4 GB
PDL		PCL5E/XL (PCL6), Adobe PostScript3 (PS3020), PDF Direct print (PDF Ver.1.7), TIFF Direct print (TIFF Ver. 6 Complaint), PPML (Ver. 2.2), APPE4.2 (with UK-217)
Protocol		TCP/IP (LPR, RAW socket), NetBEUI, IPP, WSD, Bonjour, SMB
Support OS	PCL	Windows 7* <sup>1</sup> , 8.1* <sup>1</sup> , 10* <sup>1</sup> Windows Server 2008, 2008R2, 2012, 2012R2, 2016
	PS	Windows 7* <sup>1</sup> , 8.1* <sup>1</sup> , 10* <sup>1</sup> Windows Server 2008, 2008R2, 2012, 2012R2, 2016
	PS Plug-in	Windows 7* <sup>1</sup> , 8.1* <sup>1</sup> , 10* <sup>1</sup> Windows Server 2008, 2008R2, 2012, 2012R2, 2016 MacOSX10.8,10.9,10.10,10.11,10.12
Fonts	PCL	AGFA Contract 80 fonts (Symbolset 45 types), Line Printer 1 font (10 types)
	PS	Adobe 136 fonts
Interface		10/100/1000Base-T, USB3.0 host, USB2.0 device

\*1: Includes 64bit

# AccurioPress 6136/6136P/6120



\*1 Optional



\*1