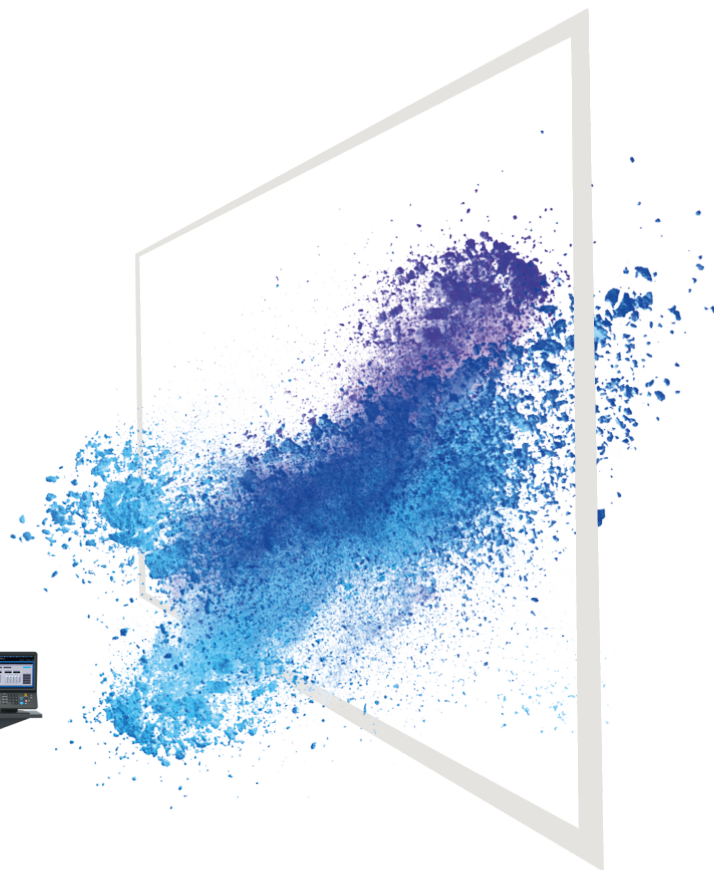




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# AccurioPress

## C14000/C12000



Giving Shape to Ideas

# AccurioPress Color Series

Entry

Light

Mid

High

## AccurioPress C3080 Series



AccurioPress C3080  
(80ppm)



AccurioPrint C3070L  
(70ppm)

## AccurioPress C6100 Series



AccurioPress C6100  
(100ppm)



AccurioPress C6185  
(85ppm)

## AccurioPress C14000 Series



AccurioPress C14000  
(138ppm)



AccurioPress C12000  
(118ppm)

## Top 5 Features of the AccurioPress C14000/12000



- ① High Productivity - Fast Print Speeds – 140/120 PPM (A4)
- ② Enhanced Media Capability - 450gsm, textured stock, banners, envelopes
- ③ Outstanding Image Quality – 3600 x 2400 dpi resolution
- ④ Automated Quality Adjustments and Auto Inspection with IQ-501
- ⑤ New Accessories including Enhanced Stacker and Versatile Inline Trimmer

AccurioPress C14000/C12000



# ACCURIOPRESS C14000/C12000 OVERVIEW

Technology, Controllers, Service,  
Applications & What's Coming Soon



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## AccurioPress C14000/C12000



|                    |            | AccurioPress C14000                                       | AccurioPress C12000 |
|--------------------|------------|-----------------------------------------------------------|---------------------|
| Output Speed       | A4 / LTR   | 140 ppm / 138 ppm                                         | 120 ppm / 118 ppm   |
|                    | A3 / 11x17 | 80 ppm / 79 ppm                                           | 69 ppm / 67 ppm     |
|                    | Envelope   | ½ rated speed or full speed with dedicated fuser (EF-106) |                     |
| Paper Size         |            | 3.9" x 5.5" to 13" x 51" (1,300 mm)                       |                     |
| Paper Weight       |            | 52 - 450 gsm; full rated speed                            |                     |
| Monthly Duty Cycle |            | 2.5 Million                                               | 2.2 Million         |

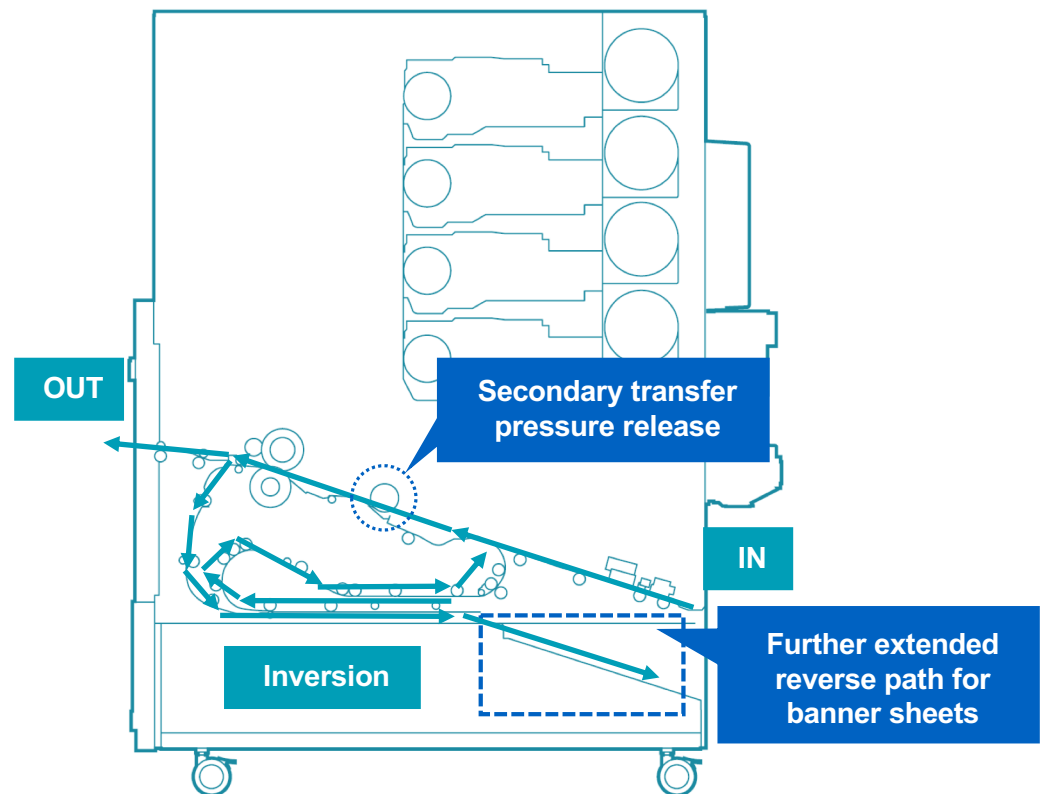


AccurioPress C14000/C12000

## AccurioPress C14000/C12000

### Expanded Paper Path

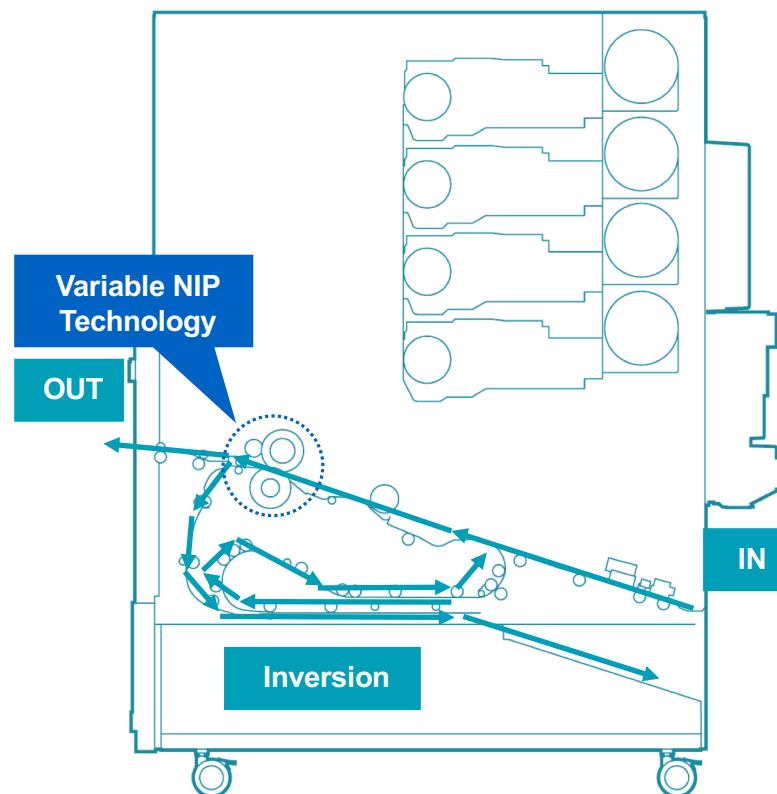
- Contributes to improved printing speed
- Able to Auto-Duplex banner sheets of up to 35.4" (900 mm)
  - Existing machines auto duplex up to 30" (762 mm)



# AccurioPress C14000/C12000

## Engine Improvements

- Variable NIP technology allows for envelope printing at ½ rated speeds
  - For full rated speeds, the EF-106 is required
- Secondary Transfer Pressure Release
  - Improved print quality
    - o High speeds
    - o Thicker stock



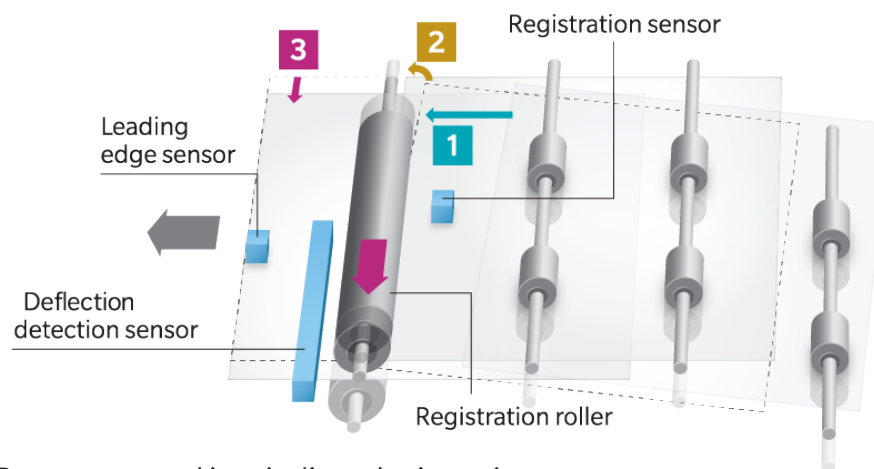
## AccurioPress C14000 / C12000

### Front-to-back registration accuracy

Similar to the AccurioPress C3080 series, the AccurioPress C14000 / C12000 has a high-precision registration mechanism that combines:

- a conventional paper-curvature detection/automatic adjustment mechanism with
- an intermediate transport roller nip release mechanism,
- and a skew adjustment mechanism for the registration unit is used.

This achieves high front-to-back registration accuracy.



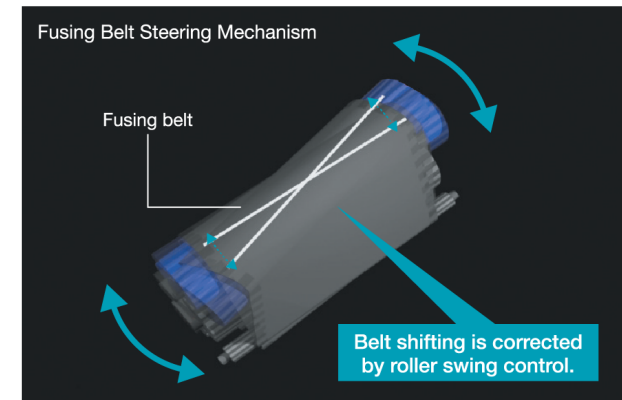
- 1 Paper conveyed in misaligned orientation
- 2 The paper position is corrected by reversing the roller and pressing it against the paper.
- 3 When the deflection detection sensor detects paper offset, the registration roller shifts sideways to correct the alignment.



## AccurioPress C14000 / C12000

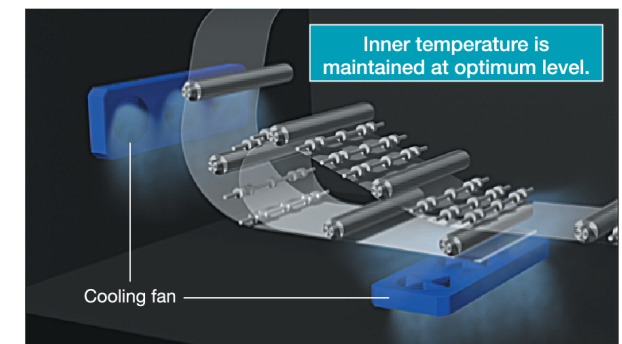
### Fusing Belt Steering Mechanism

- A new fusing system has been developed to enhance paper compatibility.
- An inlet roller and fusing belt steering are provided for the air blow fusing separation mechanism. The belt offset is corrected by roller swing control.
- This improves the reliability of paper transport, from thin paper to thick paper.



### Reduction of Temperature Difference with Air from Cooling Fan

- By using a cooling fan to flow air into the main unit, the temperature inside the main unit is kept constant. High-quality prints with no variations can be achieved as a result



## AccurioPress C14000 / C12000



### New Control Panel

- The bezel of the LCD panel and the hardware keys have been changed to integrated moulded parts and have been redesigned.

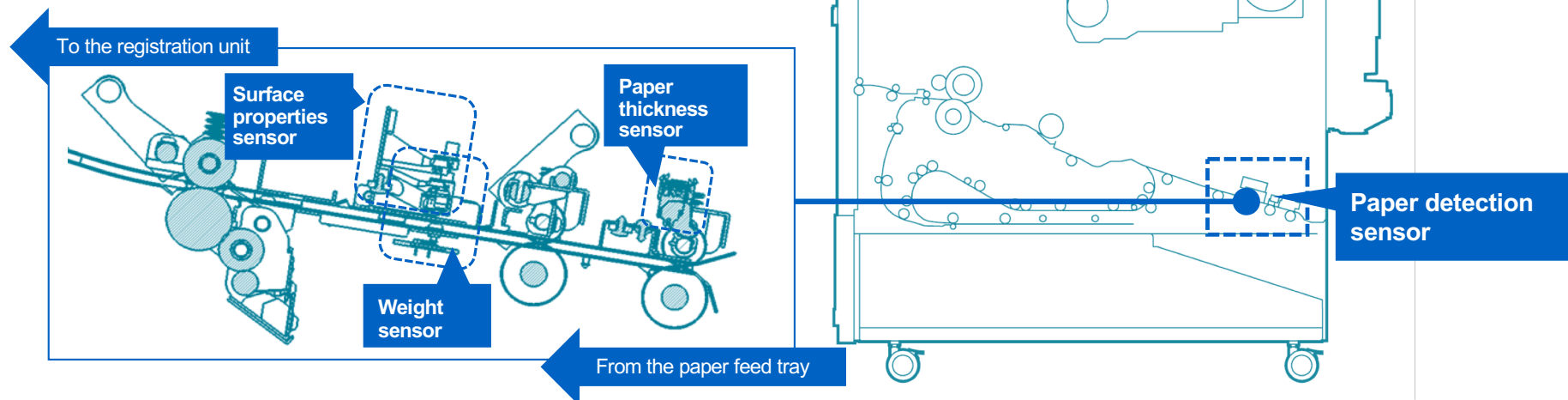


## AccurioPress C14000/C12000

### Media Identification Unit

Automatically **detects the paper type, weight and thickness**, then provides the operator with suggestions based on those measurements.

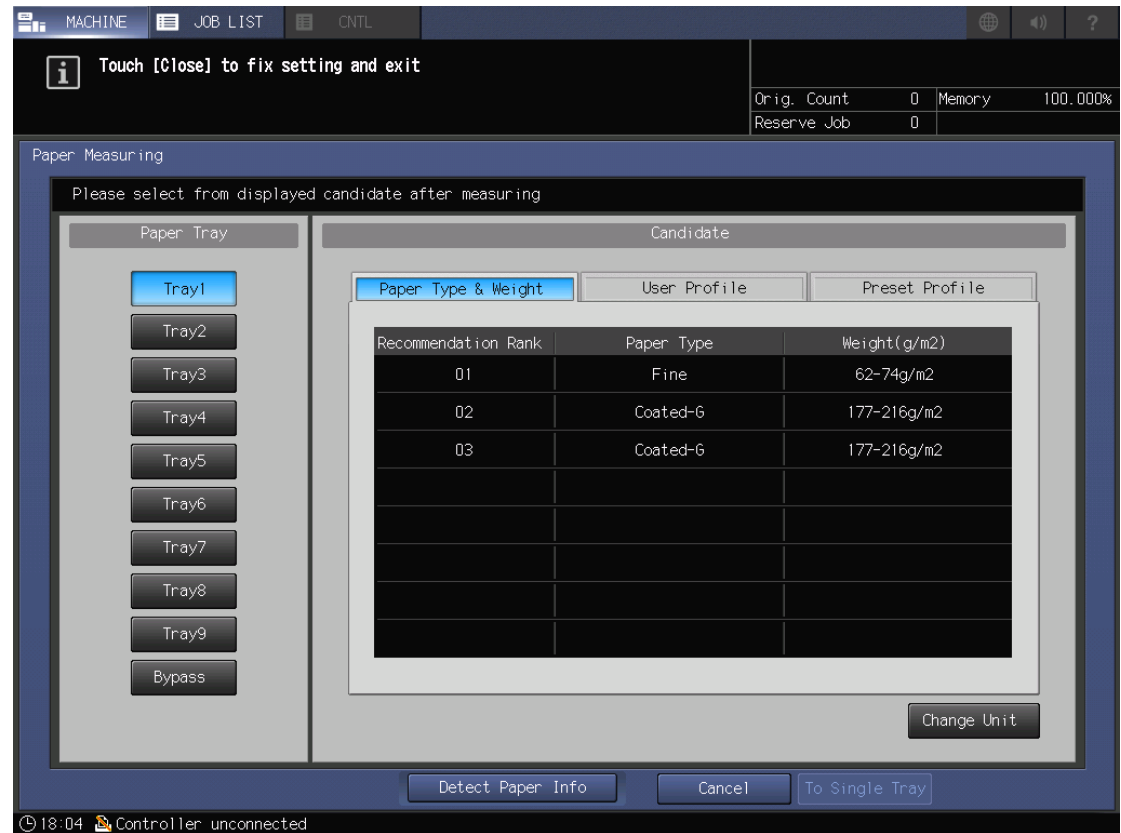
- Standard inline option on AccurioPress C14000 / C12000



# AccurioPress C14000 / C12000

## Media Identification Unit Workflow

- Machine reads sheet and provides recommendations based on:
  - Paper type, weight, and thickness
  - Paper profile
    - o 300 pre-loaded paper profiles in built-in database
    - o Custom paper profiles
- Recommendation can be assigned to a single tray or multiple



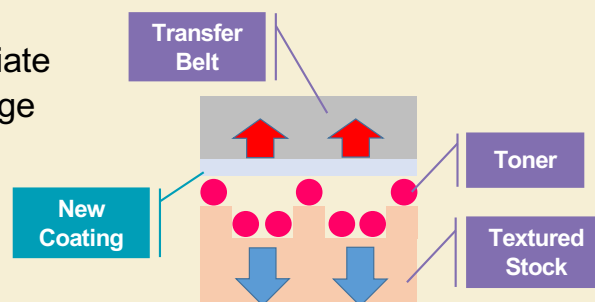
# Image Quality

## Imaging Technology

- **New** 16 beam Laser Diode print head
  - AccurioPress C6100 uses 8 beams
- **New** S.E.A.D X Image Processing Technology
  - Improved Application Specific Integrated Circuit (ASIC)
  - Quantity increased from 2 to 4, a dedicated one for each print head (CMYK)

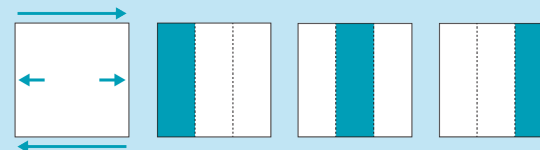
## Textured Stocks

- **New** surface-coated intermediate transfer belt improving coverage on textured stocks
- **New** Line Screen setting for textured stocks



## Resolution

- **New** 3,600 (equivalent) x 2,400 - 8 bit processing
- Native resolution: 1,200 x 2400
- 3,600 (equivalent) is achieved with Dot Position Control (DPC)



The AccurioPress series is able to achieve a resolution equivalent to 3,600 dpi by dividing 1 dot into 3 in the main scanning direction (across), known as dot position control.

*\*Existing device resolution is 3,600 (equivalent) x 1,200 - 8 bit processing*



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## Image Quality

### Simitri V

- Can be fused at lower temperature requiring less heat to fix to the paper surface and enables high speed printing at high resolutions
- Better transfer capabilities on various medias
- Less glossy appearance creating a more matte finish similar to that of an offset printer

### Simitri V

3-dimensional hybrid toner particles

#### Colorant

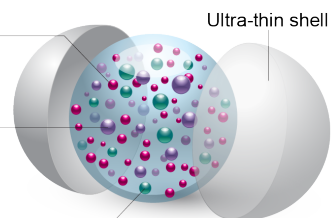
Less color fading, enhanced halftones and more natural skin tones

#### Functional polymer

Higher image quality, reduced energy use and faster processing

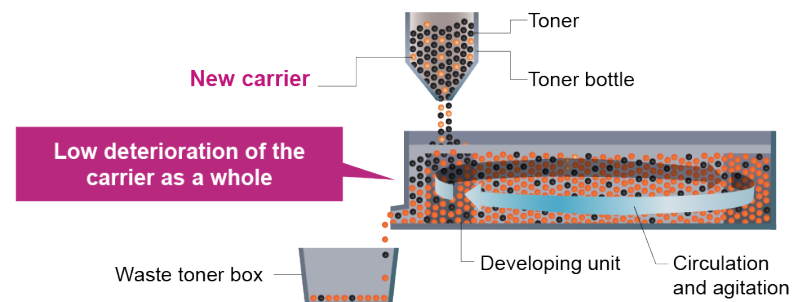
#### Sharp melt wax

Higher image quality and reduced energy use



### Auto-refining developing system

- Using the developer in the toner, the system is continuously refreshed increasing uptime by reducing operator intervention and PMs (preventative maintenance) service calls.
- Toner bottle capacity increased to 200k from 100k
- Waste toner box capacity increased to 450k from 170k

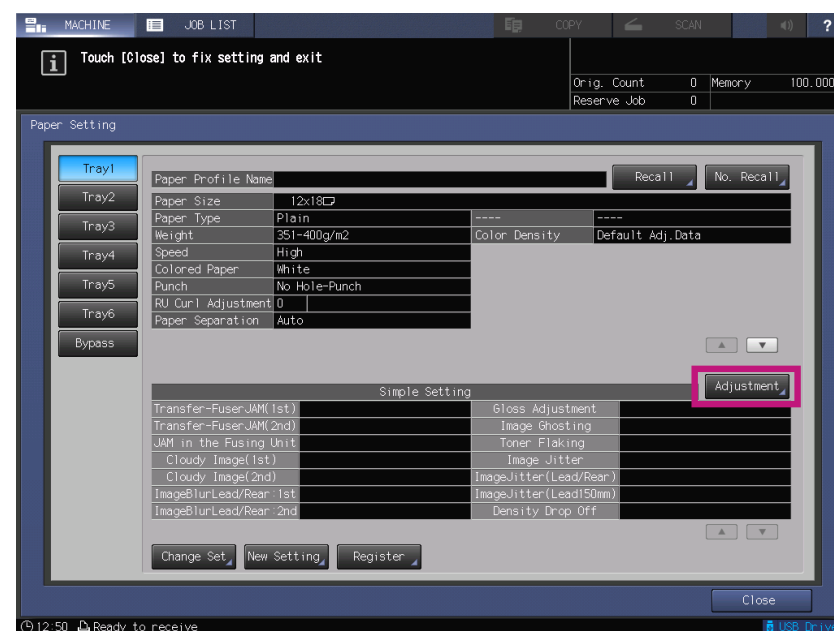




# Image Quality

## Simple Settings

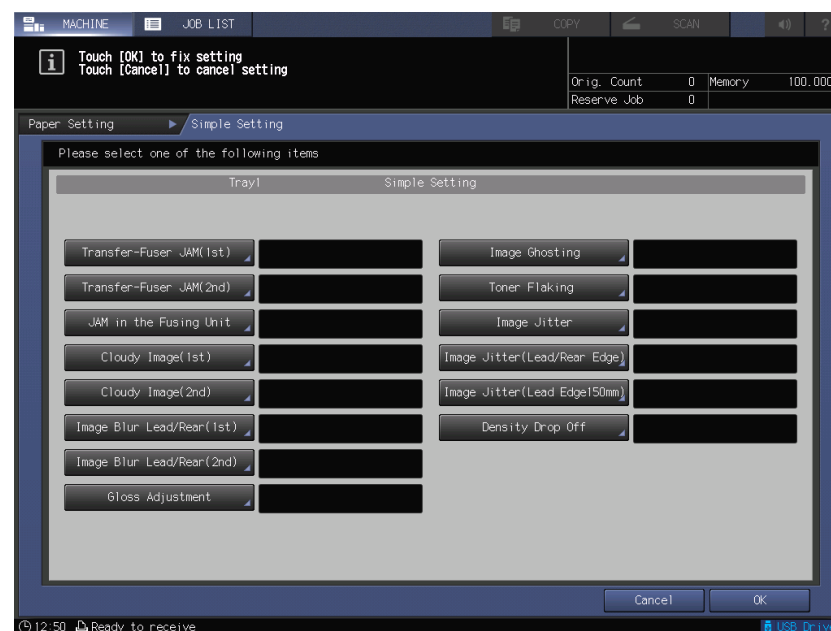
- Operators can not easily make adjustments for image quality issues with ease
  - On previous existing models, to make these types of adjustments the operator would need to know the appropriate setting and where that setting could be accessed.
  - Simple Settings is easily accessed through the PAPER TRAY SETTINGS
    - Before pressing CHANGE SET
  - Simple settings is organized by types of image quality issues and provides an explanation of what the setting
  - Each settings makes the necessary corresponding adjustments



# Image Quality

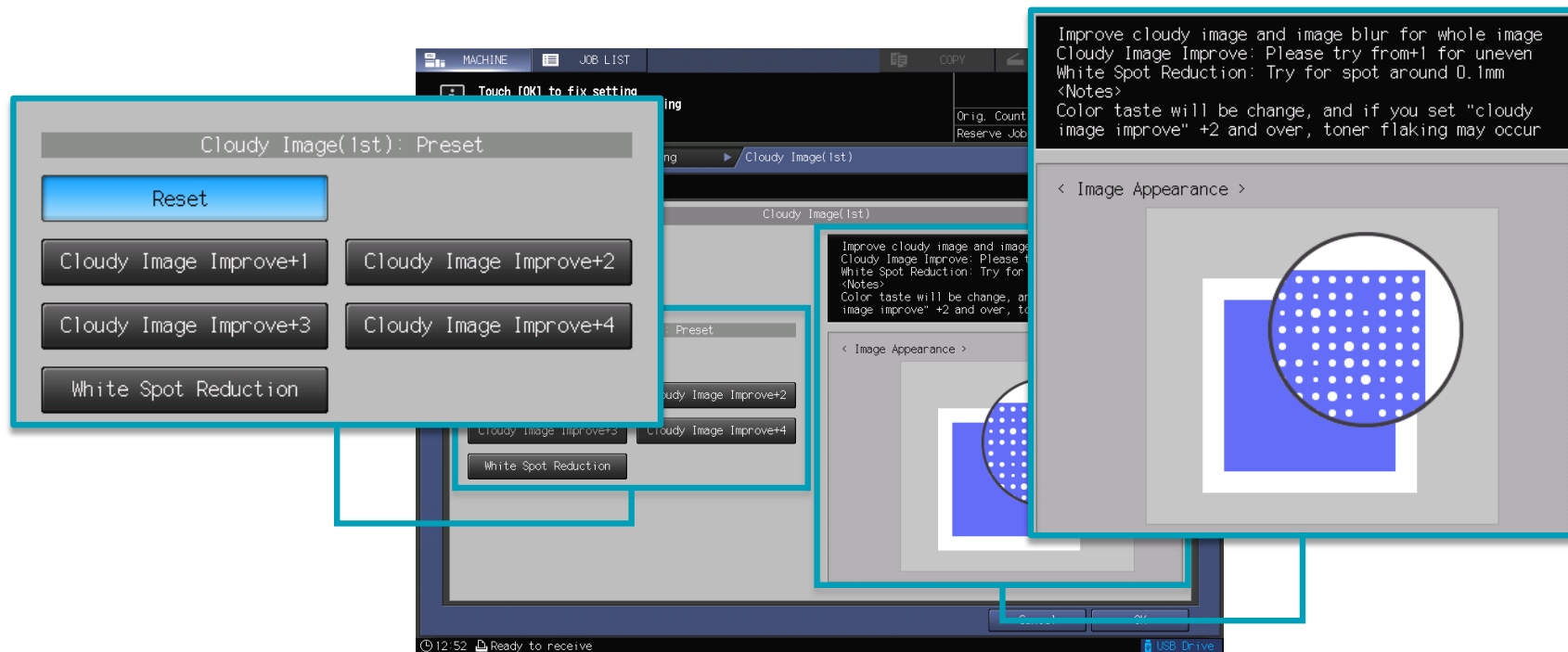
## Simple Settings Options

- Transfer-Fuser JAM (1<sup>st</sup>)
- Transfer-Fuser JAM (2<sup>nd</sup>)
- JAM in the Fusing Unit
- Clouding Image (1<sup>st</sup>)
- Cloudy Image (2<sup>nd</sup>)
- Image Blur Lead / Rear (1<sup>st</sup>)
- Image Blue Lead / Rear (2<sup>nd</sup>)
- Gloss Adjustment
- Image Ghosting
- Toner Flaking
- Image Jitter
- Image Jitter (Lead / Read Edge)
- Image Jitter (Lead Edge 150mm)
- Density Drop Off



# Image Quality

## Simple Settings Example

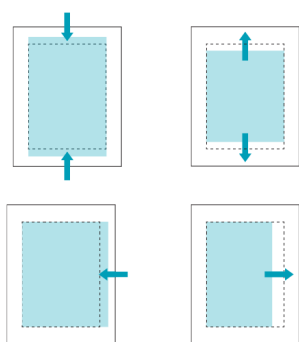




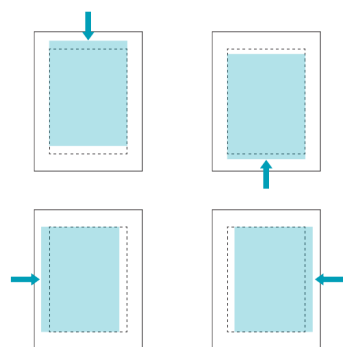
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## Front-to-Back Registration

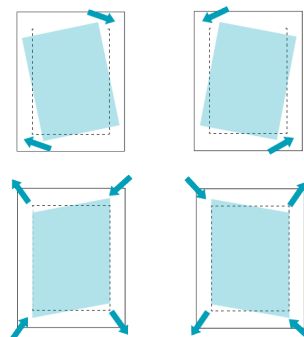
### Zoom



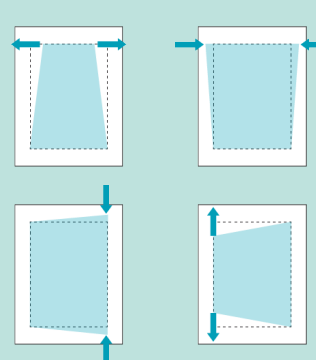
### Image Shift



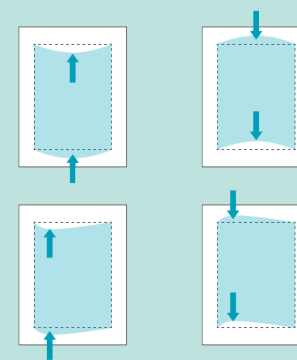
### Rotate / Skew



### Trapezoid Correction



### Curve / Peak Curve



### Trapezoid Correction, Curve & Peak Curve

Corrects an image that has been distorted into a trapezoidal shape or is curved by image processing; both vertical and horizontal misalignments can be corrected.

## Controllers



|                           | <b>Fiery<br/>IC-319</b>                                           | <b>Fiery<br/>IC-318</b>                                           | <b>Creo<br/>IC-316</b>                                                                    | <b>Konica Minolta<br/>IC-610</b>                                                 |
|---------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Architecture              | External                                                          | External                                                          | External                                                                                  | Bustled<br>(Attached to back of engine)                                          |
| OS                        | Windows 10                                                        | Windows 10                                                        | Windows 10                                                                                | Linux                                                                            |
| CPU                       | Intel Xeon 5118                                                   | Intel Core i7-6700                                                | Intel Core i7-8700                                                                        | Intel Core i7-6700                                                               |
| Clock Speed               | 2.3 GHz                                                           | 3.4 GHz                                                           | 3.2 GHz                                                                                   | 3.4 GHz                                                                          |
| RAM (std.)                | 32 GB                                                             | 16 GB                                                             | 16 GB                                                                                     | 16 GB                                                                            |
| HDD                       | 4.5 TB                                                            | 1 TB                                                              | 2 TB                                                                                      | 3 TB                                                                             |
| Page Description Language | Adobe PostScript 3, PDF v1.7, APPE v4.4, PDF/VT-2, PPML v3.0, PCL | Adobe PostScript 3, PDF v1.7, APPE v4.4, PDF/VT-2, PPML v3.0, PCL | PostScript 3, PDF v1.7, APPE v4.9, PDF/VT-2, PPML v2.2, PDF/X, TIFF 6.0/IT. VPS, PPML/VDX | Adobe PostScript 3, PDF v1.7, APPE v4.6, PDF-VT, TIFF (v6), PPML v2.2, PCL 5c/XL |

## Controllers



### Fiery IC-319

#### Fast RIP for maximum productivity

Boost your production capacity by processing large and complex files up to 55% faster with Fiery HyperRIP to maximize your return on investment.

#### Achieve stunning color every time

Fiery® Edge™ - EFI's next generation color profiling technology inside IC-319 server - produces best print quality. Out-of-the-box, Fiery Edge delivers stunning color with the smoothest color blends, maximum shadow details, and superb image definition. Choose new settings to produce more saturated, colorful and dynamic looking prints with this latest color technology.

To accurately produce brand colors, correct images, and soft proof raster images, use the Fiery Graphic Arts Pro Package with the new Fiery Spot Pro capabilities.

#### Speed up makeready, reduce waste

Automate document imposition and perform complex job preparation with minimal learning curve with the included Fiery JobMaster-Impose.

#### Boost your profits

Create personalized print products using the free Fiery FreeForm™ Create application and the new Fiery FreeForm Plus VDP format.

#### Specifications

- Fiery Platform: NX Premium
- Fiery Software: Fiery FS400 Pro
- HyperRIP: 8 RIPs

#### Included

- Fiery Impose
- Fiery JobMaster™
- Fiery Graphic Arts Pro Package ( 5 yr. license)
- Fiery Color Profile Suite (Software Only; 1 yr. license)

#### Optional

- Fiery JobFlow™
- Fiery Compose
- Stand - 22" or 27" + adjustable height



AccurioPress C14000/C12000

## Controllers

### Fiery IC-318

#### Boost your productivity and profits

Use the unique Fiery HyperRIP, a speed-enhancing technology to process large and complex files up to 55% faster and achieve uninterrupted production.

#### Impress with outstanding image quality

Produce amazing color from Fiery Edge™ — EFI's next generation color profiling technology for Fiery Driven™ printers. Out-of-the-box, Fiery Edge delivers stunning color with the smoothest color blends, maximum shadow details, and superb image definition. This latest color technology also offers extensive user controls to produce the most saturated, colorful, and dynamic looking prints.

#### Process more high-value jobs faster

Connect all your Fiery servers to Fiery Command WorkStation to centralize job management, handle heavy workloads with ease and get jobs out the door faster and more efficient.

#### Effortlessly set up complex jobs

Increase efficiency with the automation benefits from the free, browser-based Fiery JobFlow™ Base software. Easily perform elaborate document preparation with optional advanced makeready tools.

AccurioPress C14000/C12000

#### Specifications

- Fiery Platform: NX PRO
- Fiery Software: Fiery FS400 Pro
- HyperRIP: 2 RIPs

#### Optional

- Fiery Impose
- Fiery JobMaster™
- Fiery Graphic Arts Pro Package ( 5 yr. license)
- Fiery Color Profile Suite (Software Only; 1 yr. license)
- Fiery JobFlow™
- Fiery Compose
- Stand - 22" or 27" + adjustable height

#### Bundled Options

- Color Profiler Suite (S/W), JobMaster – Impose, Graphics Art Pro Package & 22" stand
- Color Profiler Suite (S/W), JobMaster – Impose, Graphics Art Pro Package





# Controllers



## Fiery FS400 Pro: New Features

### Color & Imaging

- The latest APPE for external and embedded
- Produce superior color with the highest efficiency
- Brand color matching with higher precision
- Unmatched color superiority
- Convenient access to advanced color for embedded servers

### Productivity

- More automation for less operator intervention
- Faster UI responsiveness
- Faster job processing
- Convenient access to automation for embedded servers
- Offline finishing automation

### Management

- Visual VDP job creation at no cost
- Streamlined and intuitive job management
- Automation for multi-level tabs and inserts

### Connection

- Faster access to knowledge and training
- IPDS integration
- Cost accounting integration

## Controller

### Creo IC-316

#### High Productivity

The IC-316 Controller offers features that enhance productivity and boost profitability.

- It provides an intuitive and simple user interface that allows operators too quickly and efficiently process and print more jobs.
- Files can be batched into a single run and job instructions can be set at page level, including subset finishing.
- The operator can easily program jobs, manage color, apply imposition and printer finishing settings from the IC-316 station or from a remote desktop PC or MAC.
- The unique post-RIP technology allows for late changes without re-RIPing the job

#### Workflow Connectivity

The IC-316 controller's open connectivity and full JDF compliance, allows seamless integration with 3rd-party workflow and solutions such as Kodak Prinergy 8. This allows for:

- Efficient and unified management of both digital and offset print devices
- Increased automation
- Reduced costs and fewer errors

AccurioPress C14000/C12000



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**creo**  
S E R V E R S

#### IC-316 Additional New Functionality

- Enhanced Auto image inspection
- New Trimmer unit support - body and cover
- Calibration method selection
- Scheduler for Accounting log Exporting.
- Duplo lay outing
- MYIRO-1 support

#### Required

- UK-117 upgrade kit

#### Optional

- Action Pack
- Fast pack
- Match Pack
- Trans pack



## Controllers

### Konica Minolta IC-610

High-speed processing that's faster compared to the existing machine due to the installation of a high-speed CPU, increased memory capacity, and the use of an independent parallel RIP (raster image processor) that uses the CPU core more efficiently. Compared to the existing machine's IC-604, the RIP speed is **197% faster**.

#### New and improved functions:

- AccurioPro Print Manager:
  - Color Management menu added
  - Operation of paper profiles changed
  - Virtual printer function added
  - Enhanced Settings menu, Log function, and Job Management menu
  - AccurioPro Print Manager available on the Control Panel
- Additional of Color Management:
  - Color Default Settings
  - Calibration
  - Profile Management
  - Spot Color & Alternative Color
  - Tone Curve
  - Color Verification

|        | IC-604                    | IC-610                     |
|--------|---------------------------|----------------------------|
| CPU    | Uses CPU of the main unit | Intel Core i7-6700 3.4 GHz |
| Memory | 8 GB                      | 16 GB                      |



**AVAILABLE  
MID 2020\***

\* Release date is subject to change

## Service



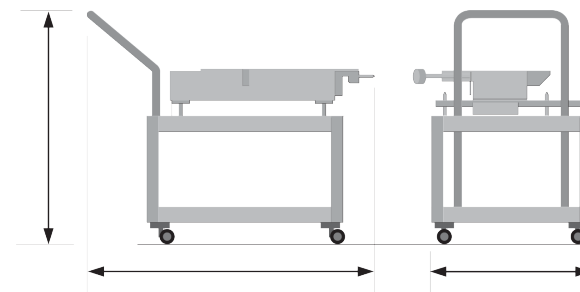
### C14000 Fuser Loading Wagon

**1 cart for EACH fuser is strongly recommended**

- A5AWRX0011A - C14000 Fuser Loading Wagon
- The fuser weights 95 lbs.

This means there could be a total of 3 fuser loading wagons in an order.

**Standard fuser + EF-106 + ORU (if applicable) = 3 fuser loading wagons**





## ORU program options

### Why ORU?

- ORU programs allows the operator to switch out any necessary part(s) instead of waiting for a technician
- Productivity is key within the high volume print market

| Suggested Items for ORU                     | Qty |
|---------------------------------------------|-----|
| Fuser Unit                                  | 1   |
| Loading wagon*                              | 1   |
| 2 <sup>nd</sup> Transfer Unit               | 1   |
| Charging Corona Units                       | 4   |
| Drum Units                                  | 4   |
| Developing Units                            | 4   |
| Ozone Filter/1                              | 1   |
| Ozone Filter/2                              | 1   |
| 1 <sup>st</sup> Transfer Belt Cleaning Unit | 1   |
| Auxiliary Cleaning Unit                     | 1   |
| Neutralizing Coronas                        | 4   |

\* It is strongly recommended to **have a loading wagon per fuser unit** as the fuser unit weights 95 lbs.

# NEW FINISHING OPTIONS

Paper Feed Options, TU-510,  
LS-507 & FS-541



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## AccurioPress C14000/C12000



### Paper Feed Options

#### PF-713

- Vacuum Fed
- Capacity: 4,630 (80 gsm)
- Includes Document Feeder
  - 140 opm (simple)
  - 280 opm (duplex)

#### PF-712

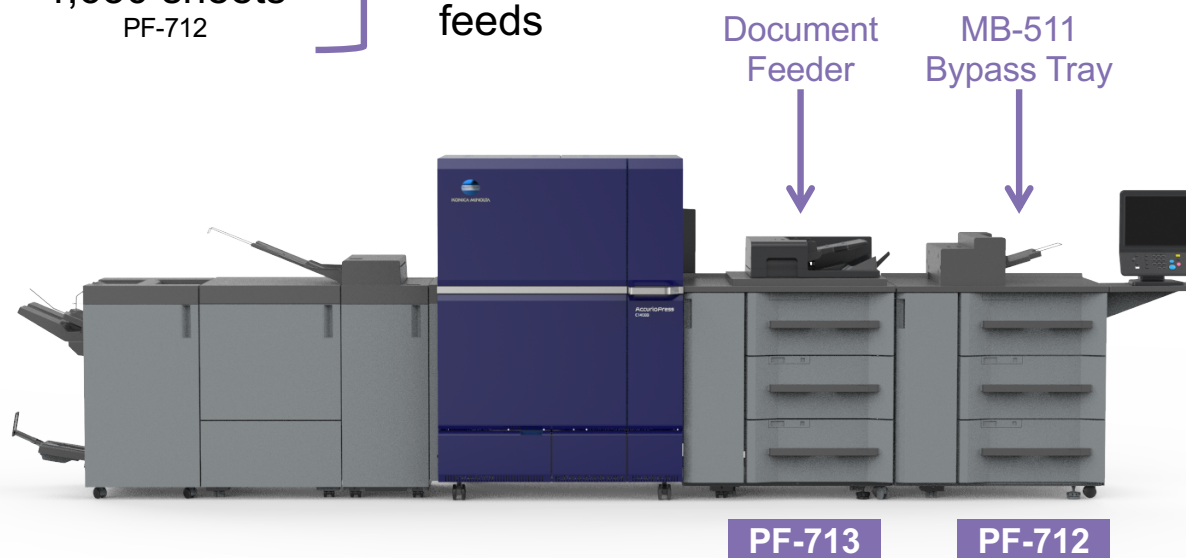
- Vacuum Fed
- Capacity: 4,630 sheets 80 gsm
- Optional MB-511 Bypass Tray
  - Capacity: 250 sheets (80 gsm)
  - Max. Weight: 350 gsm
  - For 51" sheets, add MK-760 (reduces capacity of tray)

4,630 sheets  
PF-713 or PF-712

4,630 sheets  
PF-712

4,630 sheets  
PF-712

Up to  
13,890  
sheets + 250 sheets = **14,140 sheets**  
with  
3 paper  
feeds  
MB-511



## What's Coming Soon!

### Paper Feed – PF-812

Paper deck for banners - up to 900 mm

3 drawers & vacuum fed

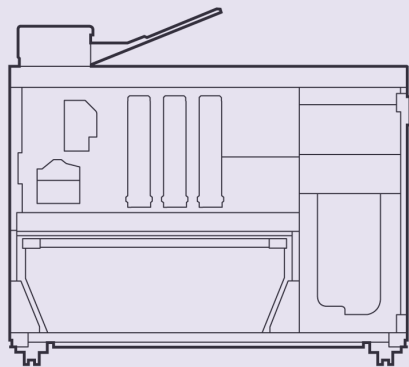
Expected later this year (2020)



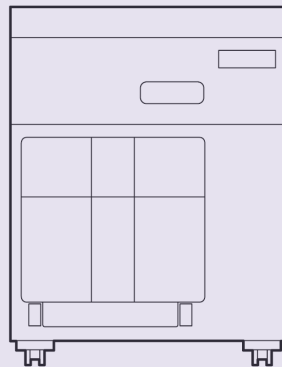


## New Finishing Options

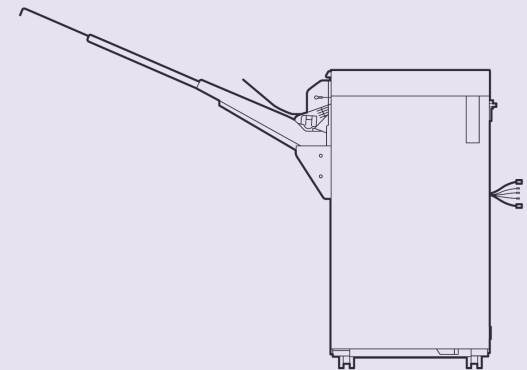
**Trimmer Unit  
TU-510**



**Large Capacity Stacker  
LS-507**



**Finisher  
FS-541**



## Trimmer Unit TU-510

A slitting unit (outer edge slitting) and a cut unit (for cutting sheets in the cross direction) are standard. The combination of these allows four-sided trimming.

### Available Options

#### Creaser Unit CR-102

Creases to avoid cracking when folded

#### Trimmer Unit TU-504

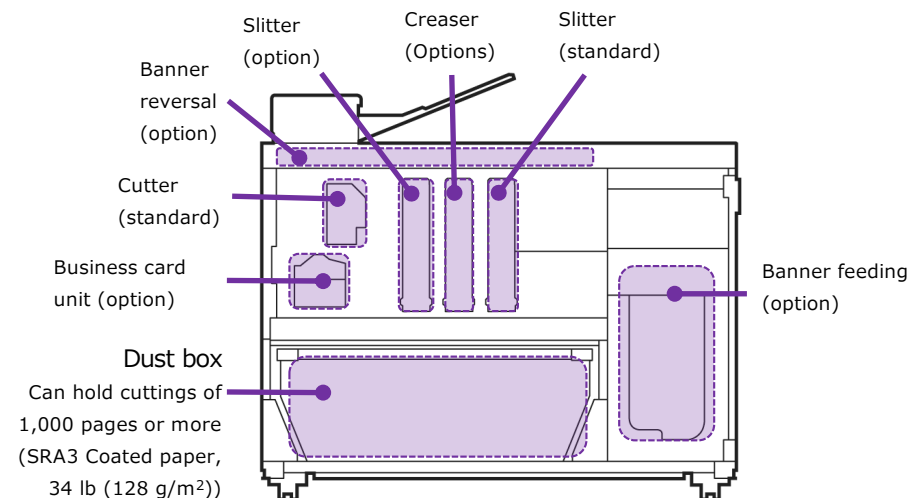
Allows multiple slits in the middle of the sheet

#### Banner Unit MK-764

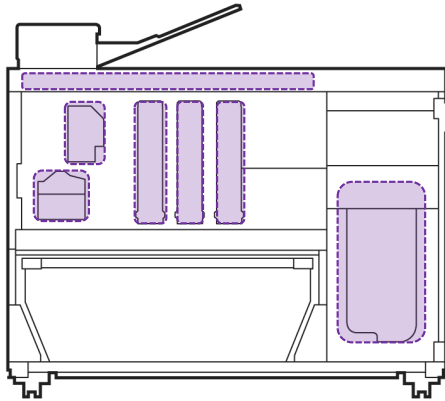
Enables banner feeding and paper reversal during paper output

#### Separator Unit JS-507

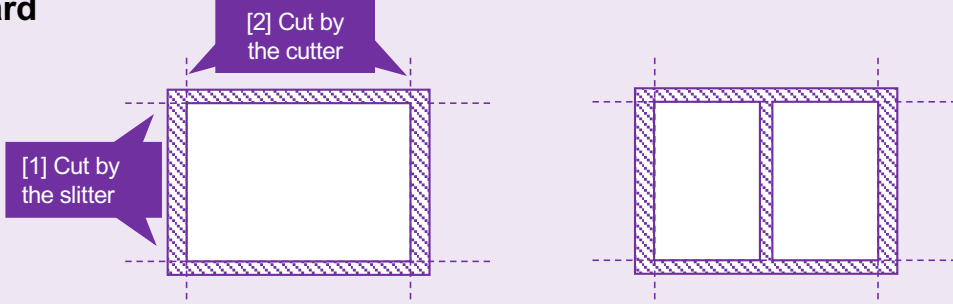
Business card catch tray



## Trimmer Unit TU-510



### Standard



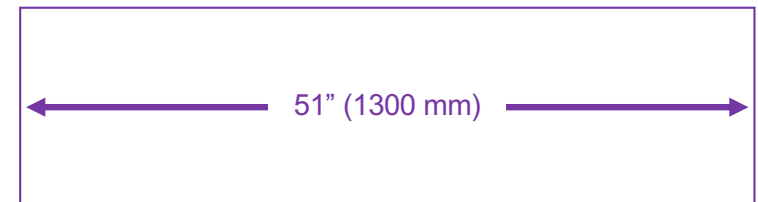
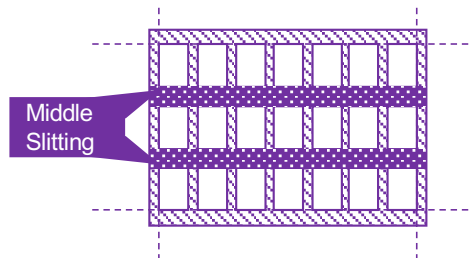
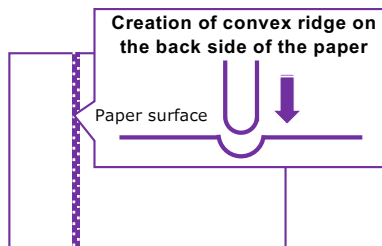
### Available Options

CR-102 Creasing

JS-507 Business card catch tray

MK-764 Banner feeding/reversal

TU-504 Middle slitting





## Trimmer Unit Processing and Required Options

|                                  | Output Destination                                                                                                             | Module Configuration |                              |                              |                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|------------------------------|--------------------|
| 4-edge trimming                  | <ul style="list-style-type: none"> <li>• TU purge</li> <li>• Downstream option (both straight &amp; reverse output)</li> </ul> | Cutter (standard)    | Bypass / other               | Bypass / other               | Slitter (standard) |
| Multi-trimming (ex: 2-up Letter) | <ul style="list-style-type: none"> <li>• TU purge</li> <li>• Downstream option (both straight &amp; reverse output)</li> </ul> | Cutter (standard)    | Bypass / other               | Bypass / other               | Slitter (standard) |
| 4-edge trimming + crease         | <ul style="list-style-type: none"> <li>• TU purge</li> <li>• Downstream option (both straight &amp; reverse output)</li> </ul> | Cutter (standard)    | Bypass / other               | <b>Creaser unit (CR-102)</b> | Slitter (standard) |
| Multi-trimming + crease          | <ul style="list-style-type: none"> <li>• TU purge only</li> </ul>                                                              | Cutter (standard)    | <b>Trimmer unit (TU-504)</b> | <b>Crease unit (CR-102)</b>  | Slitter (standard) |
| Multi-trimming (cards)           | <ul style="list-style-type: none"> <li>• TU purge only</li> </ul>                                                              | Cutter (standard)    | <b>Trimmer unit (TU-504)</b> | Bypass / other               | Slitter (standard) |
| Multi-trimming (business cards)  | <ul style="list-style-type: none"> <li>• TU purge (JS-507 required)</li> </ul>                                                 | Cutter (standard)    | <b>Trimmer unit (TU-504)</b> | Bypass / other               | Slitter (standard) |



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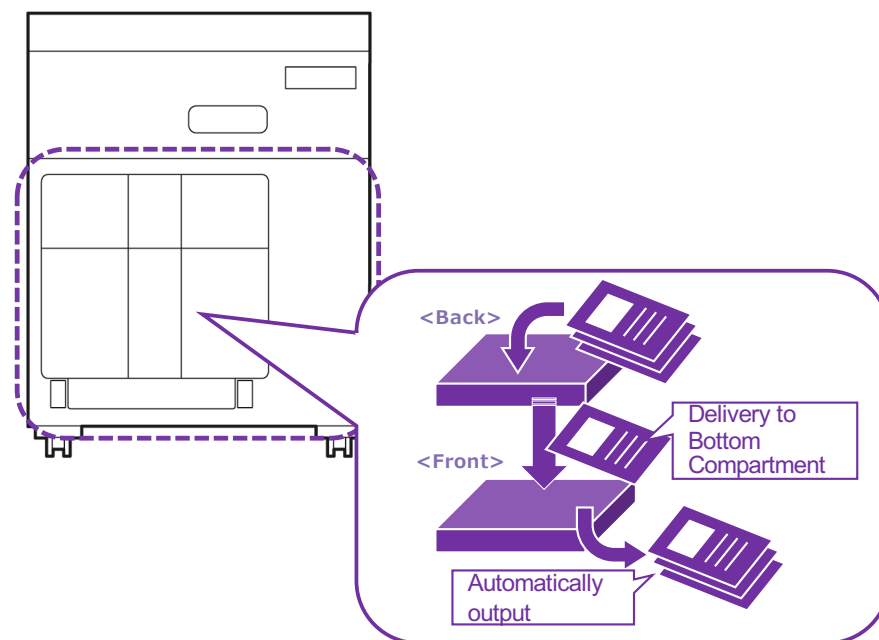
## Large Capacity Stacker LS-507

A new 2 compartment system increases capacity and minimizes downtime since paper removal can be done while the engine is running.

### How it works

When the paper delivered to the back compartment reaches a predetermined amount, it will be delivered to the front compartment located outside the high-capacity stacker. An LC-502 stacker cart can be used to remove the paper while the engine is running allowing continuous production.

| Compartments | LS-506<br>(Existing machine<br>AccurioPress C6100) | LS-507       |
|--------------|----------------------------------------------------|--------------|
| Back         | --                                                 | 3,000 Sheets |
| Front        | 5,000 sheets                                       | 3,000 Sheets |



## Finisher FS-541

In addition to being compatible with the printing speed of the main unit, banner paper can now be output as standard. This allows you to maintain high productivity even with large amounts of banner printing.

| Output Capacity      |       |
|----------------------|-------|
| LTR (80 gsm)         | 3,000 |
| Up to 30" (762.2 mm) | 1,000 |
| Up to 51" (1,300 mm) | 100   |

### Available Options

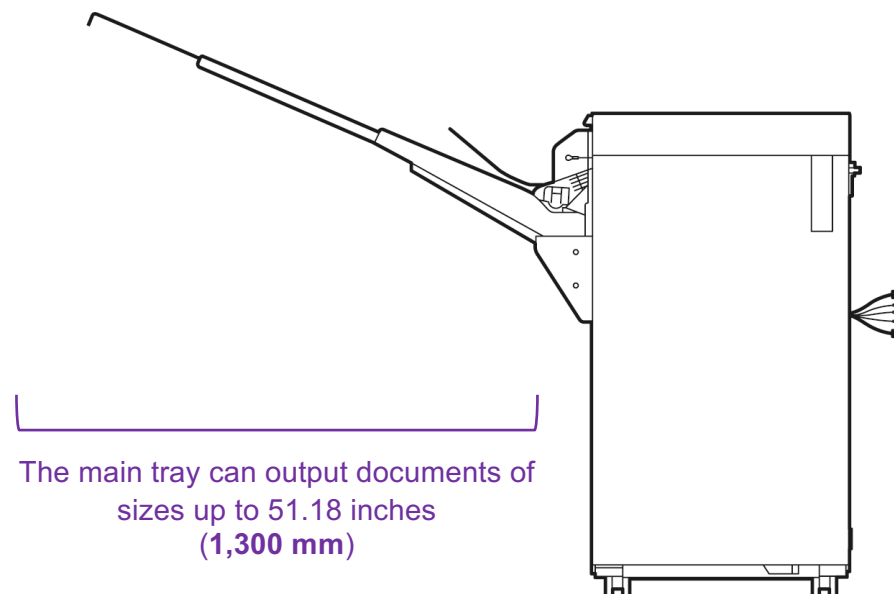
Punch Kit PK-525

Post Inserted PI-502

Saddle Stitcher SD-510

Mount Kit MK-732

AccurioPress C14000/C12000



# IQ-501 INTELLIGENT QUALITY OPTIMIZER

Overview & New Features



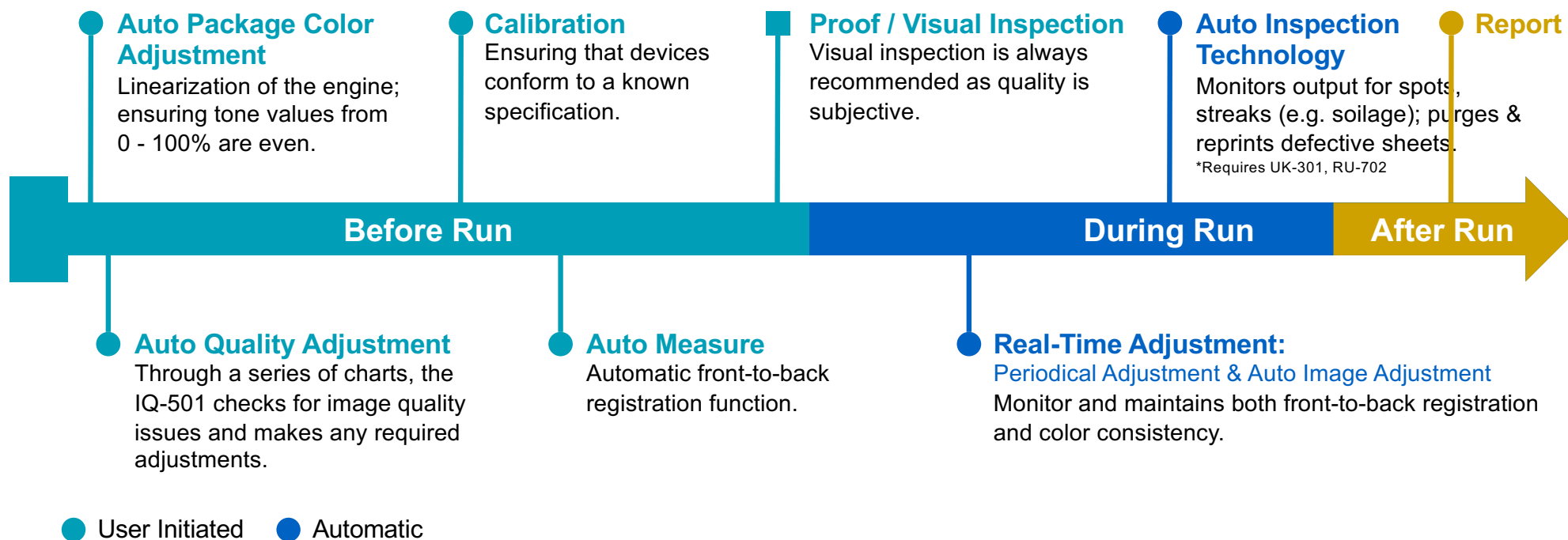
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# IQ-501 Intelligent Quality Optimizer



## Workflow







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## How the IQ-501 works

Measures the whole area accurately

Scanner Unit / 2 measures the whole area

Scanner Unit / 2

- Scanner unit / 2 is the “master” scanner
- Scanner unit / 1 is primarily used for measuring the back side of a sheet for front-to-back registration

Correction

Both scanner unit / 2 & the spectrophotometer measure the path in the center part

The spectrophotometer unit measures only the patch on the center part

Spectrophotometer

Scanner Unit / 1

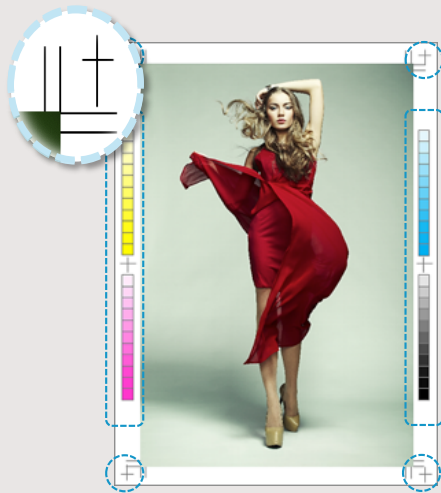


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## Real-Time Adjustment

### Auto Image Adjustment

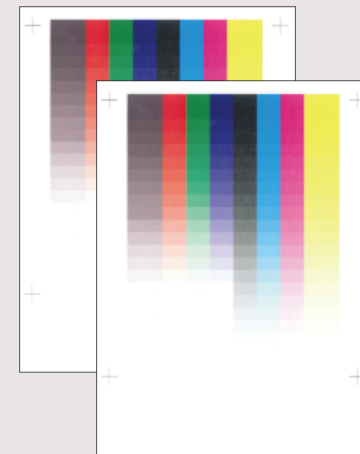
- Need an oversized sheet
- Measures every sheet
- Maintain and adjust registration & color in real-time reducing waste



AccurioPress C14000/C12000

### Periodical Adjustment

- Any size sheet (no margin needed)
- Measures every 100+ sheets
- Maintain and adjust registration & color in real-time reducing waste



## Auto Quality Adjustment (AQA)



- Automatic diagnosis of image quality issues
- Auto-recovery for some quality problems
- Minimize maintenance & adjustment time
- Reduction of number of service calls

## Auto Quality Adjustment (AQA)

1

**Basic Image  
Diagnosis**

2

**Simple Image  
Diagnosis**

3

**Detailed  
Image  
Diagnosis**

## Auto Quality Adjustment (AQA)



### Auto Quality Adjustment Can Fix

|                        |                          |                         |
|------------------------|--------------------------|-------------------------|
| Vertical Line (Streak) | Horizontal Line (Streak) | Diagonal Line (Streak)* |
| White Spots            | Color Spots              | Stains                  |
| Black Speckles         | White Speckles           | Dirt                    |

\* Can detect diagonal streaks, but not make adjustments for diagonal line streak.

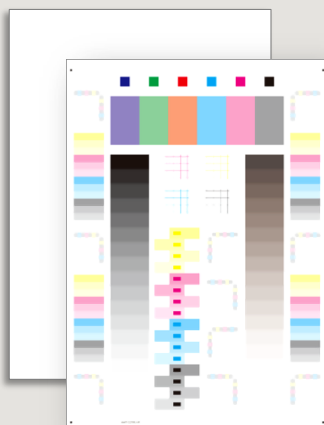


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## Auto Quality Adjustment (AQA)

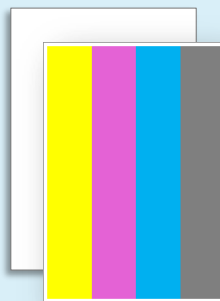
### Basic Image Diagnosis

- Automatically selects only necessary items for packages auto color adjustment

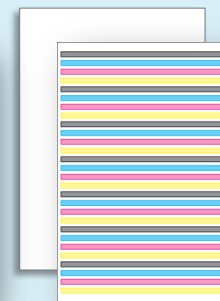
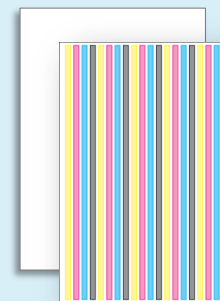


### Simple Diagnosis

- Simply checking the image quality (machine condition) for streaks, lines and spots.
- 2 charts; check for vertical line (streak), horizontal line (streak), diagonal line (streak), white spots, color spots, black speckles, white speckles, and stain or dirt



Old Version

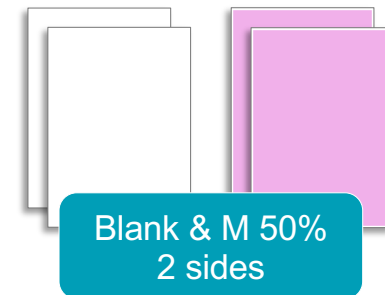
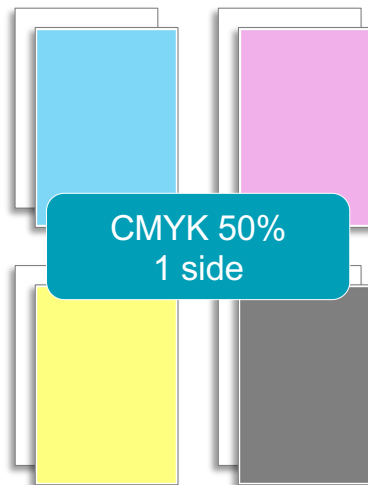


New Version

## Auto Quality Adjustment (AQA)

### Detailed Image Diagnosis

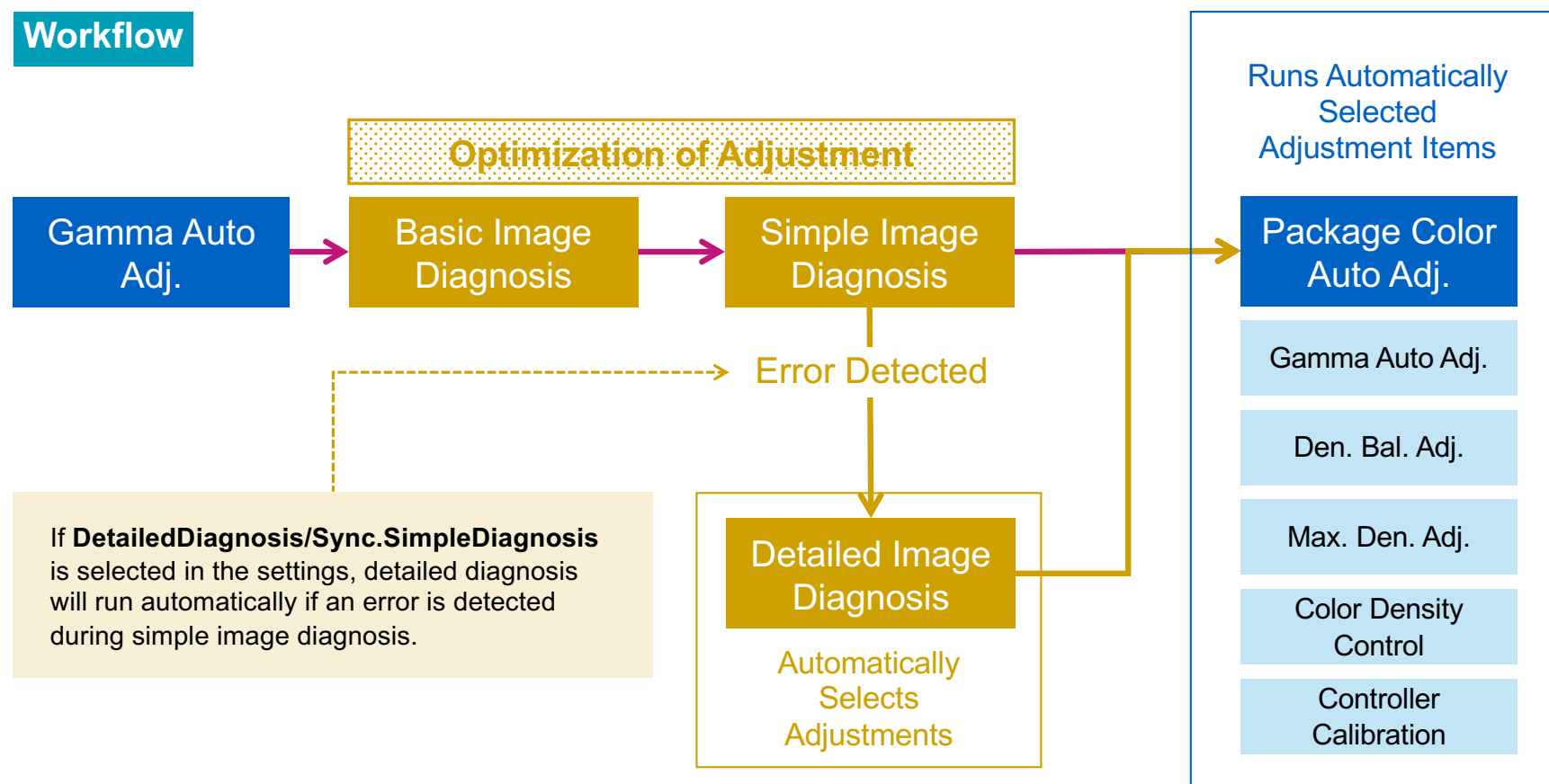
- Checks the image quality and automatically recovers quality problems found.
- Chart(s) selected by result of Simple Image Diagnosis; actions are taken to recover the detected quality problems.





## Package Color Auto Adjust with Auto Selection (AQA)

### Workflow



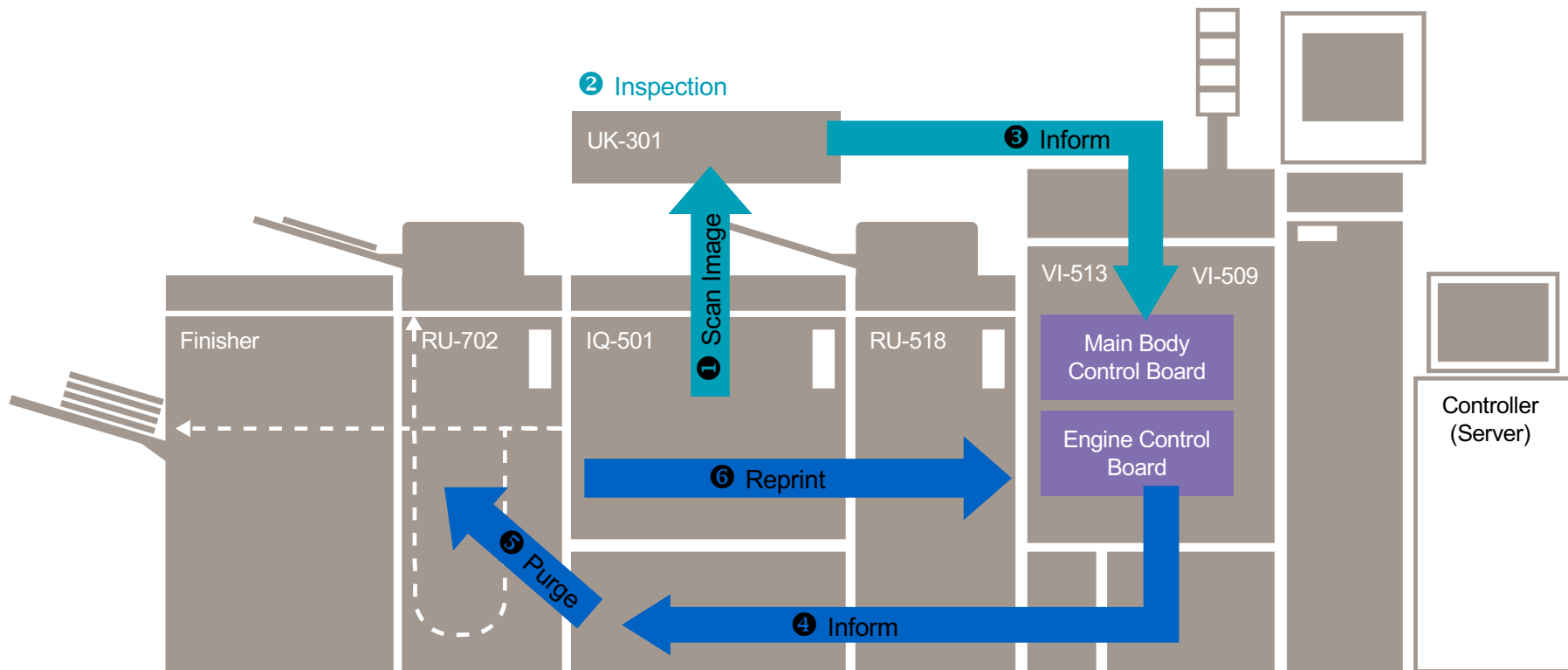


## Auto inspection technology (AIT)

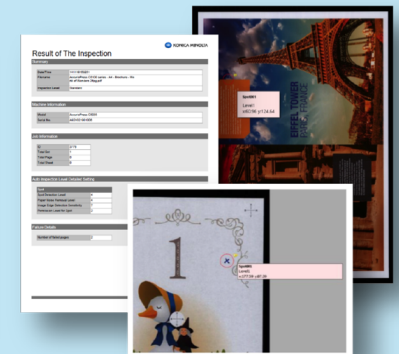
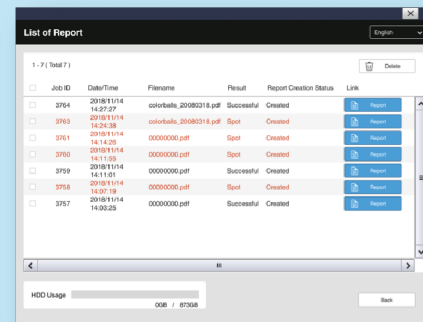
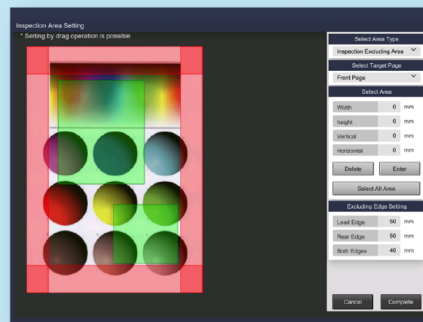


- Automatically detects image dirt that occurs during printing, and removes problematic output paper.
- Auto Inspection does not judge the image quality. It detects if there **are** or **are not** spots, image defects, on the output.

## Auto Inspection Technology (AIT)



# Auto inspection technology (AIT)



## What does it detect?

- Stain
- Missing Images
- Missing Pages
- Incorrect Page Order
- Variable Data Verification

## Exclusion Areas

Areas can be identified to be excluded from the inspection such as:

- Variable data areas
- Edge of pages or area outside the crop marks

Multiple areas can be selected to exclude from inspection.

## Web Interface

Lists of reports available for download that can be provided to a customer to assure quality and completeness.

## Reports

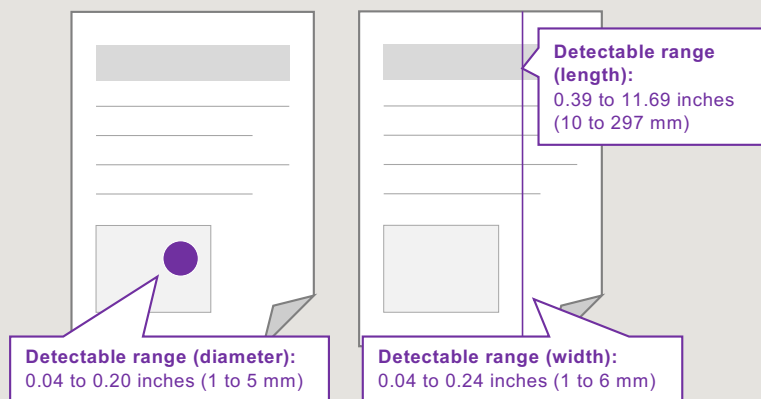
Each report includes a summary plus scanned images of pages with defects showing the exact areas and labeling the type of defect.

# Auto Inspection Technology (AIT)

## What does Auto Inspection Technology Detect?

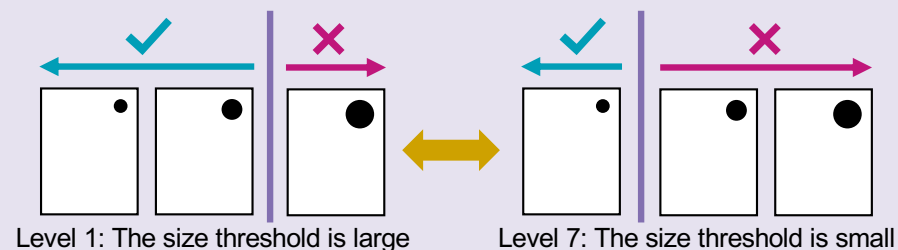
### Imperfections

Monitors for spots, streaks, stains, missing images, pages, as well as page order.

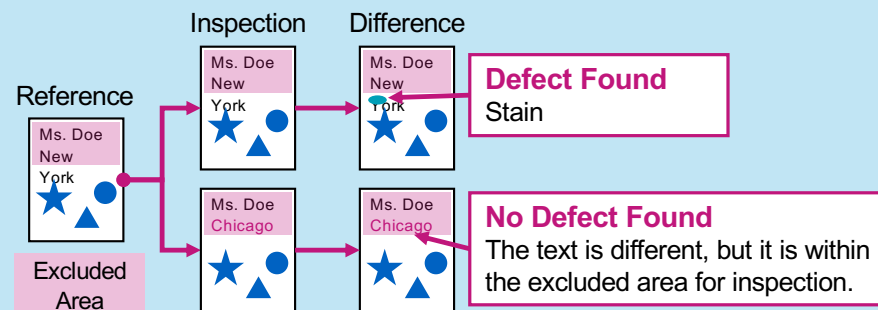


★ **Streaks & blurry spots are not supported on the C6100, C3080, 6136;** does **not** support preprinted, label paper, textured, OHP sheet, tab paper, envelope, NCR paper;

### Thresholds



### Exclusion



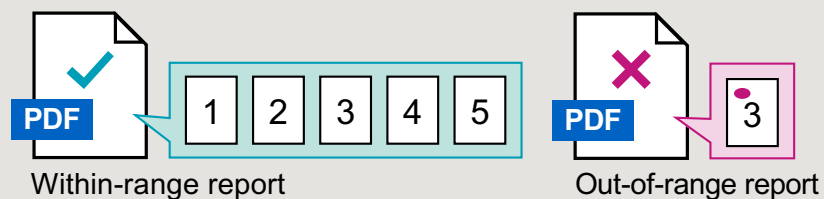


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# Auto Inspection Technology (AIT)

## Reports created with Auto Inspection...

### Types of Reports



### Access

Can be accessed via web browser or panel.

| Job ID | Date/Time           | Filename              | Result     | Report Creation Status | Link   |
|--------|---------------------|-----------------------|------------|------------------------|--------|
| 4401   | 2018/11/19 17:35:47 | LevelCheckChart_In--- | Spot       | Created                | Report |
| 4399   | 2018/11/19 17:31:55 | LevelCheckChart_Re--- | Successful | Created                | Report |
| 4371   | 2018/11/16 14:04:05 | A_sample.pdf          | Spot       | Created                | Report |
| 4364   | 2018/11/15 17:33:47 | A_sample.pdf          | Successful | Created                | Report |
| 4361   | 2018/11/15 17:33:47 | A_sample.pdf          | Successful | Created                | Report |

AccurioPress C14000/C12000

### Error Reports

#### Result of The Inspection

| Summary          |                        |
|------------------|------------------------|
| Date/Time        | 121019140209           |
| Filename         | Beauty_in_Green_A3.pdf |
| Inspection Level | Standard               |

#### Machine Information

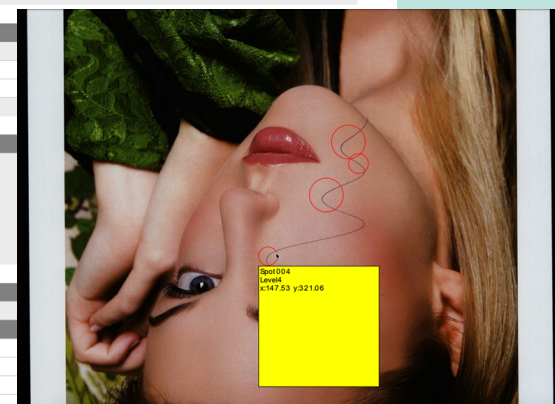
|            |                    |
|------------|--------------------|
| Model      | AccurioPress C6085 |
| Serial No. | A92Y011000135      |

#### Job Information

|             |      |
|-------------|------|
| ID          | 2888 |
| Total Set   | 1    |
| Total Page  | 3    |
| Total Sheet | 3    |

#### Auto Inspection Level Detailed Setting

|                                  |   |
|----------------------------------|---|
| Spot                             |   |
| Spot Detection Level             | 4 |
| Paper Noise Removal Level        | 4 |
| Image Edge Detection Sensitivity | 7 |
| Permission Level for Spot        | 2 |



# Summary



KONICA MINOLTA

## Advanced Automation

- The **IQ-501 Intelligent Quality Optimizer** for **automatic** and **real-time color correction** and **duplex registration**
- Print the expected with the IQ-501 Intelligent Quality Optimizer, which **automatically sets the machine in the best condition, no experts required**
- The automated color measurements on paper and inside the engine **secure high stable print quality** and **broaden your business opportunities**
- Easy Paper Profile function which offers detailed paper settings
- **Automated paper recognition** with the **Media Detection Sensor**
- Fully **automated inline finishing equipment** for booklet, perfect bound books, GBC binding, 4 edge trimming, post card and business card cutting

## Relentless Reliability

- Stable performance with automated color control
- Proven **vacuum feeding technology** for **reliable paper feeding**
- Further advanced **S.E.A.D. X** image processing technology for **higher image quality and reproducibility**
- **Lower temperature fusing** reduces damage to paper caused by heat for **higher quality finishes and better environmental performance**

# Summary



KONICA MINOLTA

## Effortless Efficiency

- Mouse operation for the control panel greatly enhances operability
- At 140 ppm and 120 ppm, the AccurioPress C14000/C12000 are the fastest among Konica Minolta's color production printers
- High-end Fiery external server type controller attains more productivity

## More Jobs in the Shop

- Full-rated high-speed printing for a wide range of paper weights from 52 gsm to 450 gsm
- Automatic duplex printing for up to 450 gsm
- Textured printing support
- Envelope are supported with standard fuser, but for full speed special fuser can be applied
- Banner printing support up to 1,300mm
- Long sheets printing in duplex up to 900mm
- Simitri V toner adopted for higher offset-like natural textures

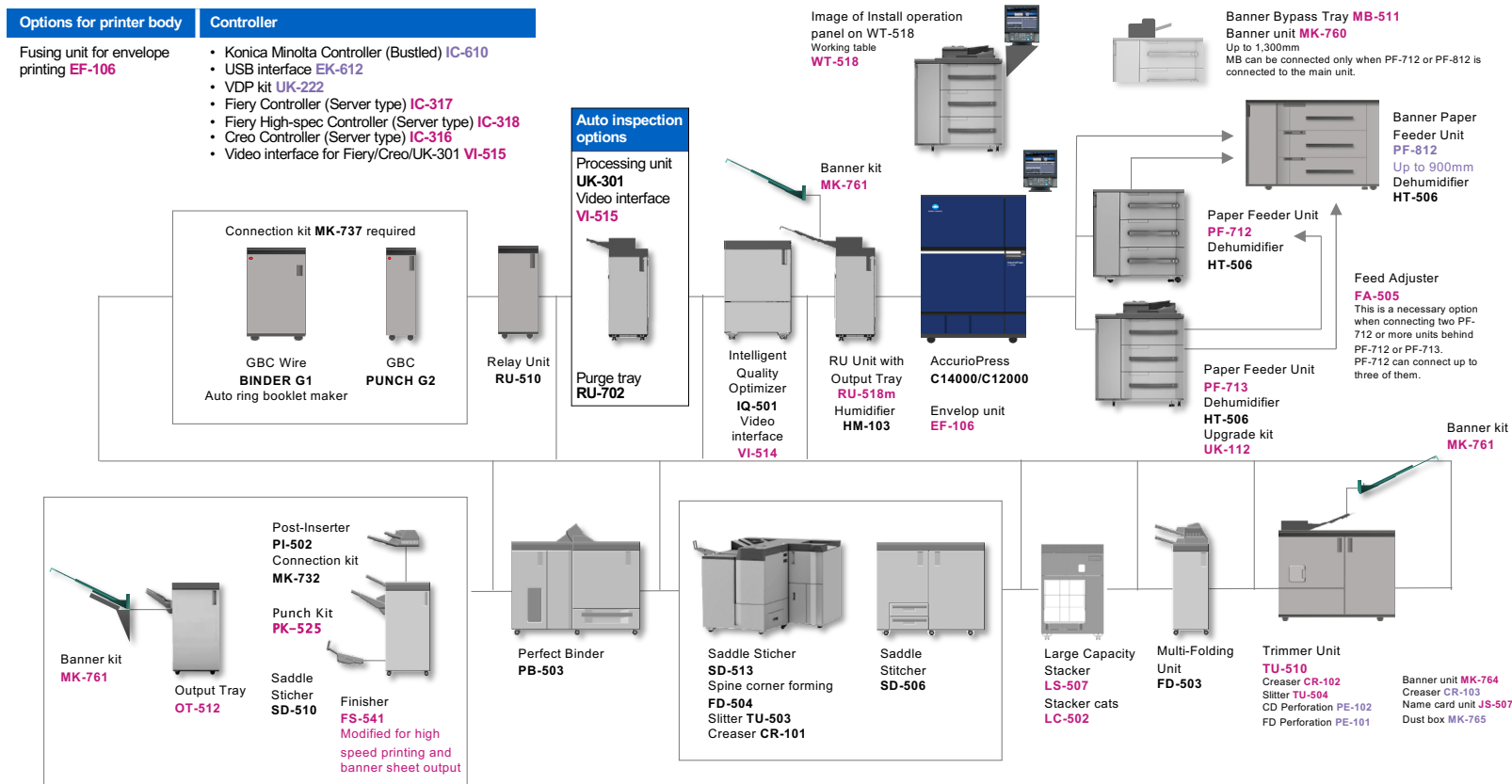
## Specifications: Main Unit vs. AccurioPress C6100



| Main Unit              |    | C14000                                                           | C12000  | C6100                                                           |
|------------------------|----|------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| Print Resolution       |    | 3,600 dpi-equiv. x 2,400 dpi                                     |         | 3,600 dpi-equiv. x 1,200 dpi                                    |
| CPU                    |    | Intel Core i7-6700 3.4GHz (when IC-610 is installed)             |         | Intel Core i5-4570S 2.9 GHz                                     |
| Memory (Image)         |    | 4 GB                                                             |         | 5 GB                                                            |
| Memory (System)        |    | 8 GB                                                             |         | 8 GB                                                            |
| Warm Up Time           |    | 480 sec or less                                                  |         | 390 sec or less                                                 |
| Paper Size             |    | 100 x 139.7 - 330.2 x 487.7mm                                    |         | 100 x 139.7 - 330.2 x 487.7mm                                   |
| Paper Weight           |    | 52 - 450 gsm                                                     |         | 52 - 450 gsm                                                    |
| Banner Printing        |    | Max. length : 1,300 mm,<br>Duplex banner printing : up to 900 mm |         | Max. length : 1,300 mm<br>Duplex banner printing : up to 762 mm |
| Output Speed           | A4 | 140 ppm                                                          | 120 ppm | 100 ppm                                                         |
|                        | A3 | 80 ppm                                                           | 69 ppm  | 53 ppm                                                          |
| Controllers            |    | IC-318 (EFI), IC-319 (EFI), IC-316 (Creo), IC-610 (KM)           |         | IC-313 (EFI), IC-315 (EFI), IC-314 (Creo), IC-604 (KM)          |
| Power Source           |    | Single phase 208-240V 60Hz 48A (x2)                              |         | Single phase 208 to 240V 60Hz 24A                               |
| Max. Power Consumption |    | 10,903 W                                                         |         | 5,760 W                                                         |
| Dimensions (WxDxH; mm) |    | 1,151 x 932 x 1,620 mm                                           |         | 950 x 950 x 1,319 mm                                            |
| Weight                 |    | 560 kg                                                           |         | 440 kg                                                          |



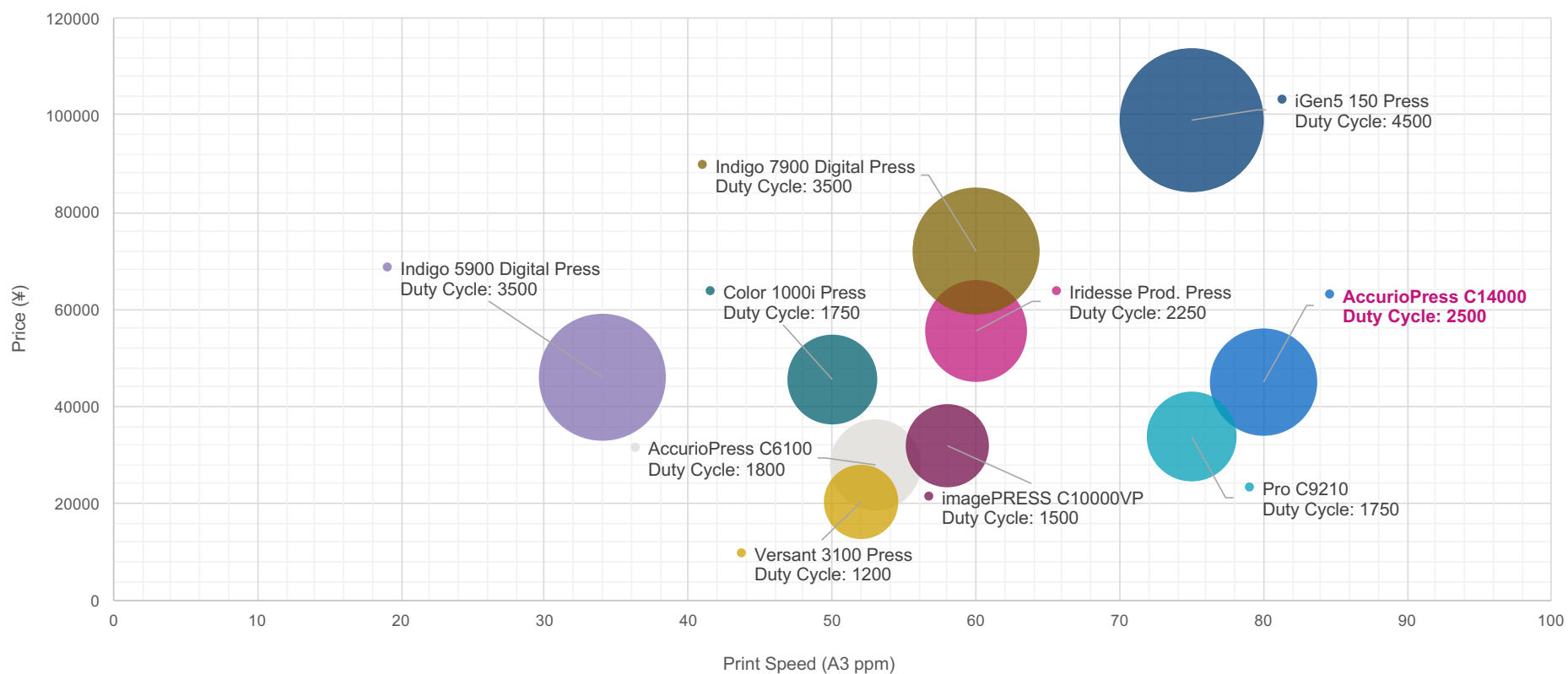
# System configuration



AccurioPress C14000/C12000

## Specifications: Competition

### Print Speed (A3 ppm), Price (¥), Duty Cycle (millions)



AccurioPress C14000/C12000

# Specifications: Competition



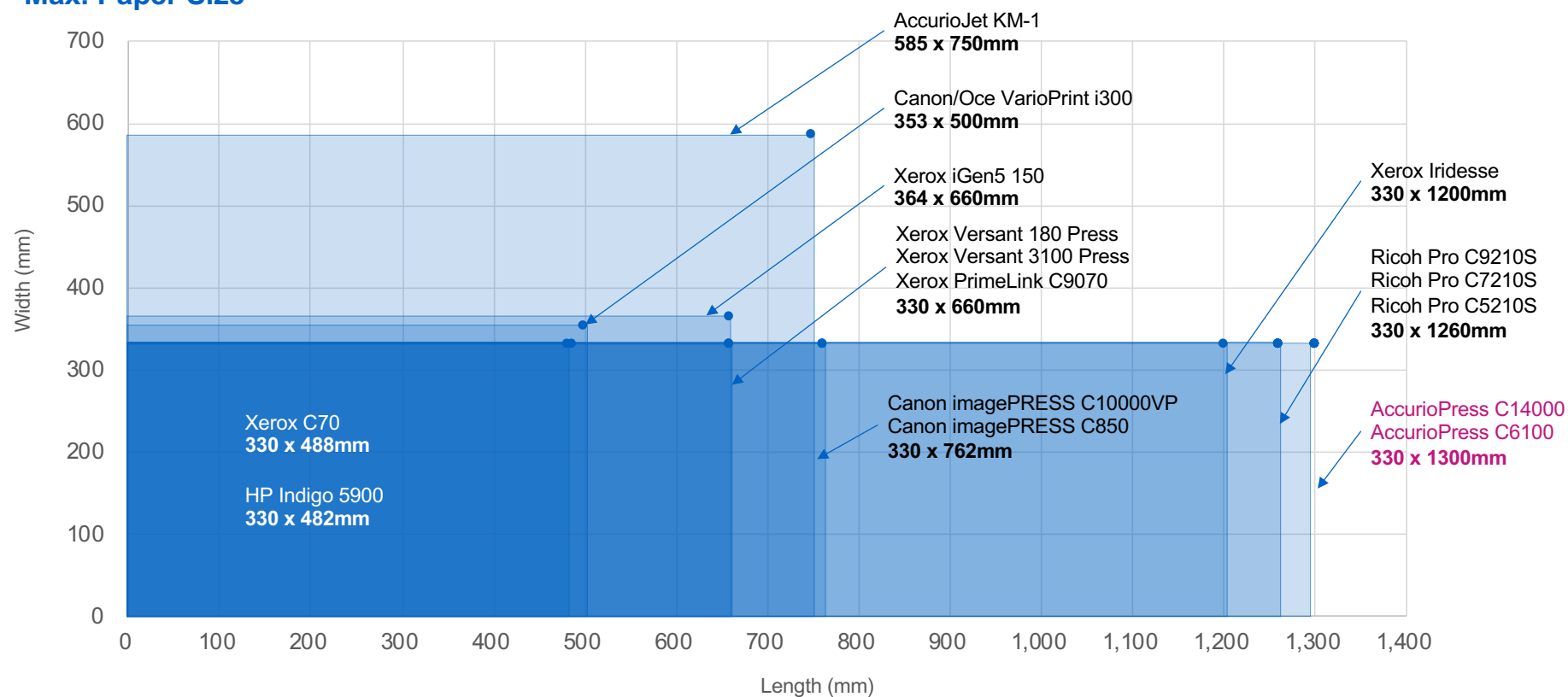
## Productivity

|                                    | Konica Minolta      |                    | Ricoh     |             | Xerox                |                   |                    | Canon               | HP                        |                           |
|------------------------------------|---------------------|--------------------|-----------|-------------|----------------------|-------------------|--------------------|---------------------|---------------------------|---------------------------|
|                                    | AccurioPress C14000 | AccurioPress C6100 | Pro C9210 | iGen5 Press | Iridesse Prod. Press | Color 1000i Press | Versant 3100 Press | imagePRESS C10000VP | Indigo 5900 Digital Press | Indigo 7900 Digital Press |
| A4 Max. ppm (Color)                | 140                 | 100                | 135       | 137         | 120                  | 100               | 100                | 100                 | 68                        | 120                       |
| A4 Max. ppm (B&W)                  | 140                 | 100                | 135       | 137         | 120                  | 100               | 100                | 100                 | 272                       | 240                       |
| A3 Max. ppm (Color)                | 80                  | 53                 | 75        | 75          | 60                   | 50                | 52                 | 58                  | 34                        | 60                        |
| Speed Drops with Thick Media       | 100%                | 100%               | 100%      | 100%        | 100%                 | 100%              | 80% 301gsm~        | 88% 221gsm~         | 100%                      | 100%                      |
| Max. Paper Feed Capacity (Sheets)  | 14,140              | 13,890             | 20,550    | 80,000      | 12,500               | 8,400             | 10,360             | 10,000              | 11,850                    | 15,900                    |
| Max. Paper Stack Capacity (Sheets) | 10,000              | 10,000             | 13,500    | 12,000      | 10,000               | 10,000            | 10,000             | 12,000              | 18,300                    | 18,300                    |
| Max. Scan Speed (A4 ipm)           | 150                 | 150                | 0         | 0           | 0                    | 0                 | 0                  | 80                  | 0                         | 0                         |

● Advantage    ● Disadvantage

## Specifications: Competition

### Max. Paper Size



AccurioPress C14000/C12000

# Specifications: Competition

## Banner Printing

|                    |                    | Simplex/<br>Duplex | Length<br>(mm) | AccurioPress<br>C14000 series | AccurioPress<br>C6100 series | Xerox<br>iGen5 | Xerox<br>Iridesse Digital<br>Press | HP<br>Indigo Press<br>5900 | Ricoh<br>Pro C9210<br>series | Canon<br>imagePRESS<br>C10000VP |
|--------------------|--------------------|--------------------|----------------|-------------------------------|------------------------------|----------------|------------------------------------|----------------------------|------------------------------|---------------------------------|
| Max. length        |                    |                    |                | 1300 mm                       | 1300 mm                      | 660 mm         | 1,200 mm                           | 482 mm                     | 1,260 mm                     | 762 mm                          |
| Auto duplex length |                    |                    |                | 900 mm                        | 762 mm                       | 660 mm         | 488 mm                             | 482 mm                     | 1,030 mm                     | 488 mm                          |
| ①                  | Letter 6up         | Simplex            | 1295.4         | 1 pass                        | 1 pass                       | n/a            | n/a                                | n/a                        | n/a                          | n/a                             |
|                    | A4 6up             | Simplex            | 1260.0         | 1 pass                        | 1 pass                       | n/a            | n/a                                | n/a                        | 1 pass                       | n/a                             |
| ②                  | Ledger Book Jacket | Simplex            | 1079.5         | 1 pass                        | 1 pass                       | n/a            | 1 pass                             | n/a                        | 1 pass                       | n/a                             |
|                    | A3 Book Jacket     | Simplex            | 1050.0         | 1 pass                        | 1 pass                       | n/a            | 1 pass                             | n/a                        | 1 pass                       | n/a                             |
| ③                  | Letter Book jacket | Simplex            | 647.7          | 1 pass                        | 1 pass                       | 1 pass         | 1 pass                             | n/a                        | 1 pass                       | 1 pass                          |
|                    | A4 Book Jacket     | Simplex            | 630.0          | 1 pass                        | 1 pass                       | 1 pass         | 1 pass                             | n/a                        | 1 pass                       | 1 pass                          |
| ④                  | Letter 4up         | Duplex             | 863.6          | 1 pass                        | 2 pass                       | n/a            | 2 pass                             | n/a                        | 1 pass                       | n/a                             |
|                    | A4 4up             | Duplex             | 840.0          | 1 pass                        | 2 pass                       | n/a            | 2 pass                             | n/a                        | 1 pass                       | n/a                             |
| ⑤                  | Letter 3up         | Duplex             | 647.7          | 1 pass                        | 1 pass                       | 1 pass         | 2 pass                             | n/a                        | 1 pass                       | 2 pass                          |
|                    | A4 3up             | Duplex             | 630.0          | 1 pass                        | 1 pass                       | 1 pass         | 2 pass                             | n/a                        | 1 pass                       | 2 pass                          |

