

KONICA MINOLTA

AccurioPress  
C6100/C6085

**GO FOR SIMPLE  
EFFICIENCY**  
**RETHINK GRAPHICAL  
COMMUNICATION**



Giving Shape to Ideas

# EFFICIENT SMART PRINT SYSTEM

**DESIGNED TO PERFORM.  
DELIVER EXCEPTIONAL COLOUR.  
EXPAND YOUR PRINT OPPORTUNITIES.**

Get ready for a game-changer. The AccurioPress C6100/C6085 from Konica Minolta is revolutionising production print and establishing new standards for cut-sheet digital presses. The C6100/C6085 performs, print after print, run after run, job after job, on diverse media range, that includes, media weights up to 400 g/m<sup>2</sup> duplex, long sheet up to 1300 mm and the advanced option for envelopes.

## Exceptional quality, every print

Exclusive IQ-501 Intelligent Quality Care leverages Konica Minolta's long history of brilliant imaging technology, allowing you to wow your customers with stunning consistent colour prints time and time again.

## Increase your efficiency

Your AccurioPress C6100 / C6085 operators can count on simple setup, an ultra-reliable paper path, exceptional print speed and outstanding automated image stability for superior output and minimal waste. It all adds up to world-class productivity on every job.

## Expand your business

AccurioPress C6100 / C6085 opens new business avenues for you and your clients with thick media (up to 400 g/m<sup>2</sup>), embossed media and envelopes. The Optional bypass tray and auto-duplex banner printing will add versatility, making your business a one-stop shop for all of your clients' printing needs.

## Keep your finishing business in house

AccurioPress C6100 / C6085 offers one of the digital print industry's most comprehensive portfolios of in-line finishing options to create ready-to-ship output.

## High-speed scanning convenience

One new option for the AccurioPress C6100 / C6085's is a new high-speed dual side colour scanner, with enhanced Open API and IWS applications support, delivers reliable high volume scanning to accommodate a wider array of document sources and workflows.

## Maximum uptime

AccurioPress C6100 / C6085 offers one of the most aggressive monthly duty cycle ratings in the digital production print industry, backed by our trusted leading service and support that is now ceremonious with Konica Minolta.



# INNOVATE PRINT RETHINK TECHNOLOGY

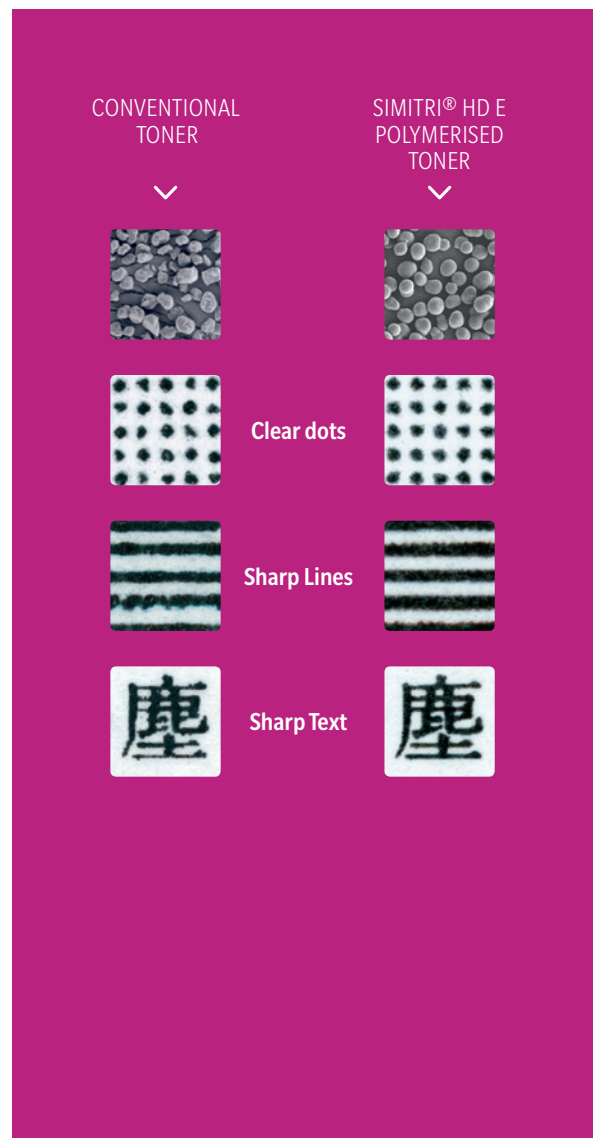


## Intelligent Quality Care

The IQ-501 Intelligent Quality Care Unit takes color consistency and registration accuracy to the next level. With highly automated image registration and color control, a closed-loop system that constantly monitors and adjusts printed output, and automated color calibration and profiling, IQ-501 delivers streamlined operator time, reduced print waste, and industry-leading productivity!

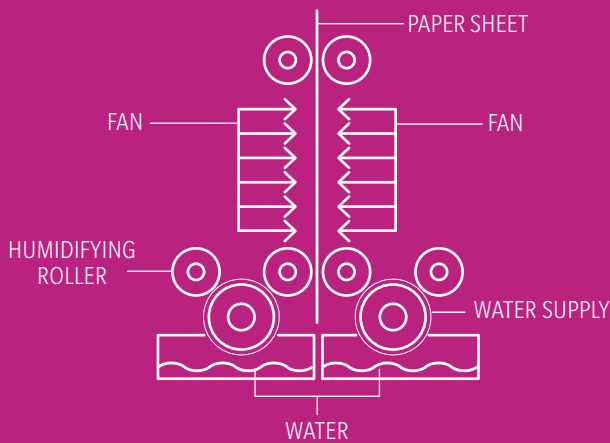
## Simitri(R) HD E Toner

Simitri® HD E Konica Minolta unique toner innovation ensures consistently excellent image output quality on pair with offset quality. The images produced have razor-sharp edges and lines, outstandingly solid colours, and brilliant half-tone and skin-tone quality. The secret behind the quality of Simitri® HD E is that it was engineered to easily follow the roughness of the paper surface to achieve an optimised and natural lustre for each type of paper – from glossy and matt coated paper to non-coated paper.



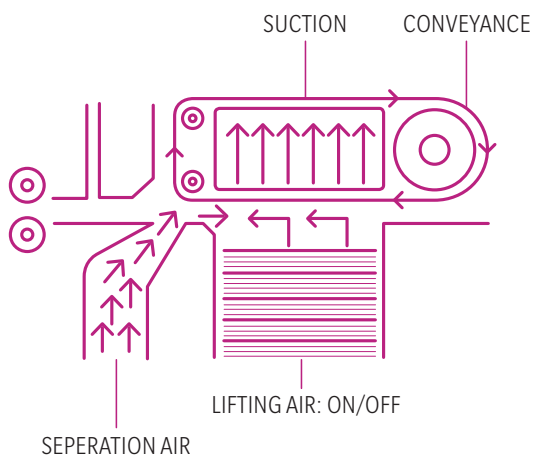
### S.E.A.D.

Konica Minolta's own advanced colour processing technology of the fourth generation is called S.E.A.D., which stands for "Screen-Enhancing Active Digital Process", and combines an array of technical innovations to guarantee truly exceptional colour reproduction at top speed.



### Decurling and ICE

As part of this technology, a mechanical paper decurling unit is provided as standard on all Accurio colour presses. For critical applications, a second mechanical decurling unit is also that adds a humidifier unit to help remove unwanted static and heat from the paper. Additionally, the optional Inter-cooler Curl Eliminator (ICE) can be integrated to humidify the paper passage and help reduce paper curls and paper clinging. In combination with the mechanical decurler, this achieves a highly accurate paper delivery.



### Vacuum paper feeding

It is essential for high-volume printers to feed each and every sheet smoothly and precisely through the digital press. To ensure this, Konica Minolta offers professional and intelligent paper feeding that builds upon proven concepts, including a combination of air separation of sheets and suction/ vacuum feeding. This ensures smooth paper processing throughout the printing system. For efficient printing on offset preprinted and coated stock as well as under high humidity conditions, an optional heating unit can be added to enhance this precise technology further.





# STATE-OF-THE-ART PRINT SERVER

## RETHINK YOUR USER EXPERIENCE

### THE IC-604 KONICA MINOLTA CONTROLLER

The embedded Konica Minolta controller IC-604 combines high quality and excellent performance with attractive low cost, promising seamless integration with all digital colour presses. An essential highlight of the IC-604 is its full support for important Konica Minolta applications, such as the PageScope and the AccurioPro series of comprehensive software utilities. The IC-604 enables companies to configure a professional end-to-end colour production solution that incorporates hardware, controller and software, all from one source – Konica Minolta!

### THE IC-313/315 FIERY IMAGE CONTROLLER

Sophisticated colour production is perfectly achieved by connecting EFI Fiery® print controllers to one of Konica Minolta's digital presses, guaranteeing professionals simple yet efficient colour printing of the highest quality. The combination of Fiery® and a professional colour output system represents cutting-edge technology designed to meet the performance-driven requirements of any business. The external EFI controllers are viable all-round players that support the impressive Accurio system functionality and provides an intuitive, user-friendly interface between operator and digital press.

### THE IC-314 CREO COLOUR SERVER

In combination with the IC-314 Creo® colour server, Konica Minolta's colour digital presses are perfectly equipped for the complex challenges and individual requirements of any professional print production environment. Powered by the print controller, the high-speed Accurio colour printing systems are the perfect solution for VDP applications (Creo VPS) and an ideal choice for hybrid prepress workflows. Together, controller and Accurio colour press deliver a truly professional colour print performance with complete competence.







# STREAMLINE YOUR PRODUCTION

## RETHINK YOUR WORKFLOW

Evolving from our expertise in precision technologies and more than 80 years of experience in the printing and imaging industries, AccurioPro reflects our commitment to developing market-shaping technology with functionality that enables your business to grow. AccurioPro, Konica Minolta's suite of digital solutions for professional printing, is one of the industry's most versatile and powerful tools to optimise print production operations and workflows.

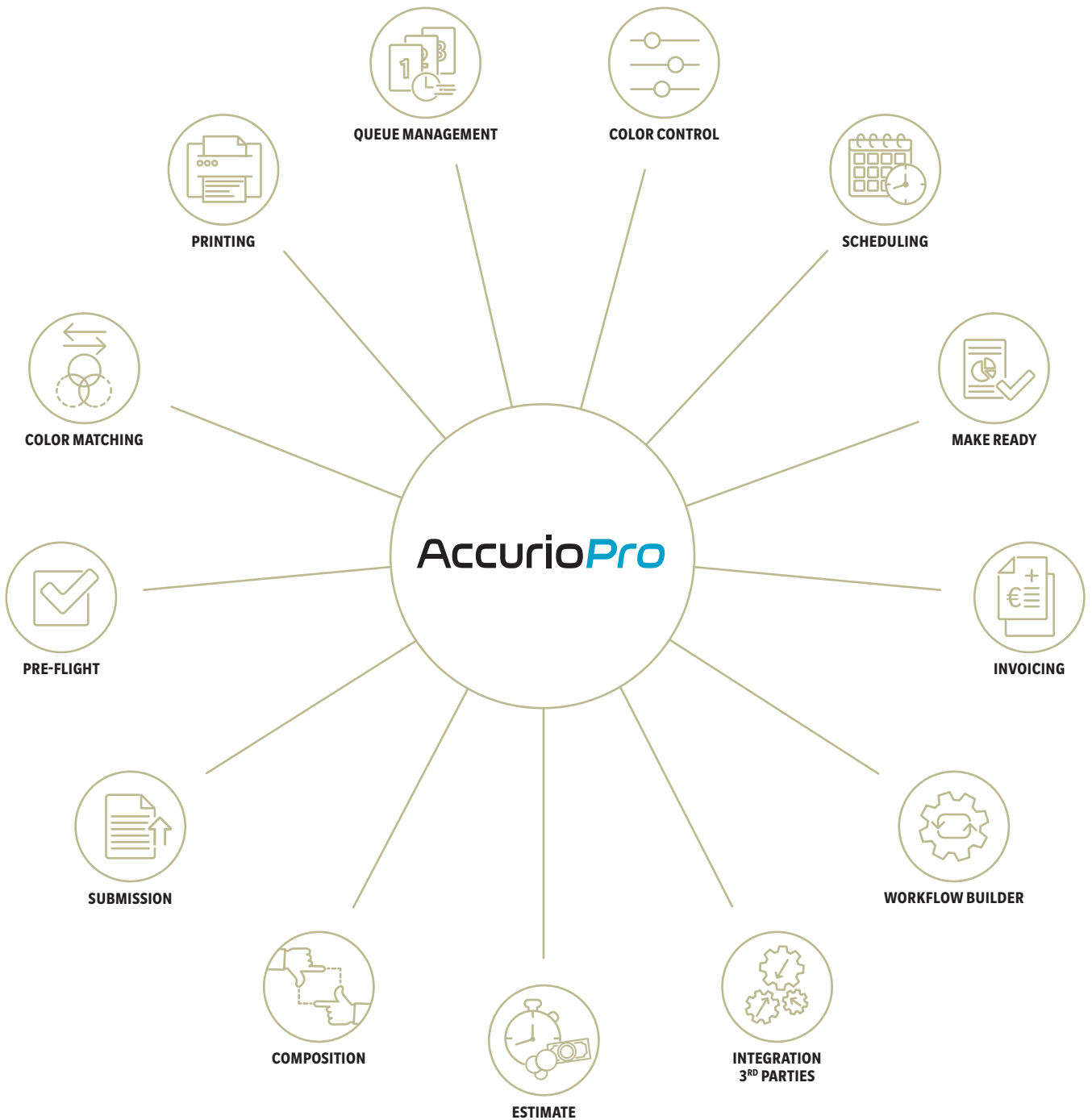
For all printing companies looking to integrate their printing as well as businesses that use digital printing to produce their own in-house publications and promotional materials, AccurioPro boosts speed and

efficiency, expands capabilities and services, and reduces the need for operational manpower – all of which will help improve your profitability!

The comprehensive suite of features that AccurioPro offers includes centralised management, software for automated workflow processing, colour management, seamless integration of different printing technologies and full connectivity of all Konica Minolta printing systems used from input to output.

# AccurioPro POSSIBILITIES

## RETHINK YOUR WORKFLOW



## READY-MADE PRINT PRODUCTS

- 50-sheet booklet making\* with front trimming and optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- 102-sheet auto ring binding

## DURABLE PERFORMANCE

### AccurioPress C6085

- Up to 85 A4 pages per minute
- Up to 4,636 A4 pages per hour

### AccurioPress C6100

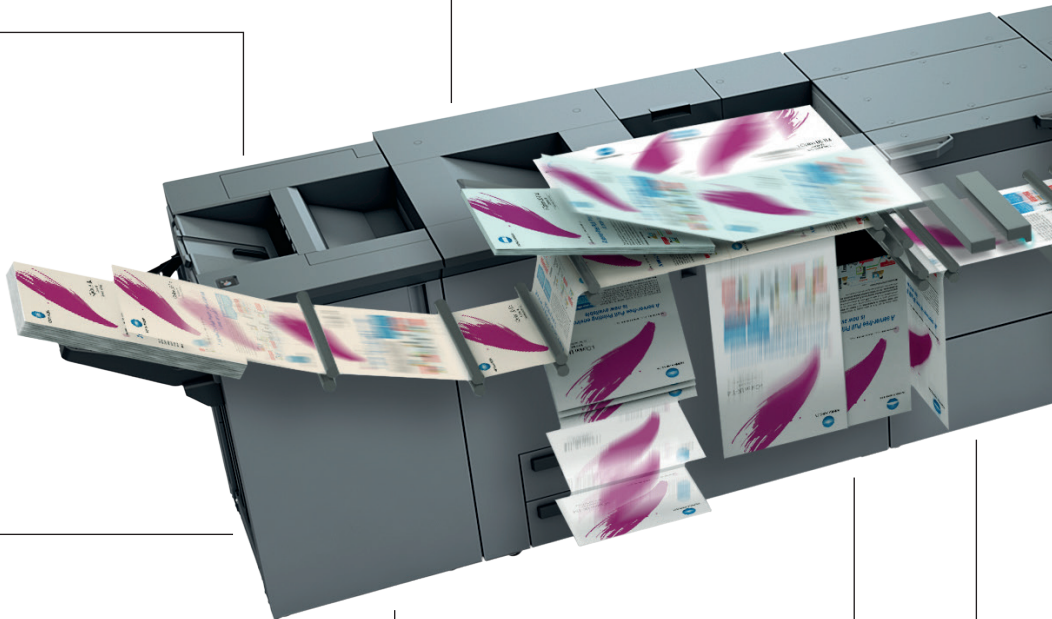
- Up to 100 A4 pages per minute
- Up to 5,455 A4 pages per hour

## HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- Fusing-rolling mechanism

## GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Interface for 3rd parties
- Large stacking



## 3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 for square back booklet binding
- Plockmatic SD-500/SD-350 booklet maker with square fold

## ENVIRONMENTAL AWARENESS

- Reduced power consumption with Simitri® HD E toner
- Increased usage rate of recycled PC/ABS materials for reduction of CO<sub>2</sub> emissions

## SIMPLY EFFICIENT

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

# YOUR ADVANTAGES WITH THE AccurioPress C6100/C6085 RETHINK GRAPHICAL COMMUNICATION



## HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFI®, CREO® or proprietary Konica Minolta controller
- Integration into hybrid workflows

## EASE OF USE

- Simple paper catalogue settings
- Operator Replaceable Unit Management (ORUM)

## SOPHISTICATED MEDIA HANDLING

- Air-suction feeding technology
- Up to 13,890 sheets paper input capacity
- Up to 9 paper input trays














































## PERFECT IMAGE QUALITY


































- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit resolution (equivalent to 1,200 x 3,600 dpi)
- Simitri® HD E toner technology
- Image density control technology

## COMPREHENSIVE MEDIA PROCESSING

- Up to 400 g/m<sup>2</sup> paper weight in simplex and duplex printing
- Long sheet size up to 1,300 mm (Duplex up to 762 mm)
- Reliable thin paper feeding through air-blow fusing separation
- Envelope printing
- Embossed paper support
- Optional inter-cooler curl eliminator

# FINISHING & FUNCTIONS

		 Letter fold	 2/4* hole Punching	 Two-point stapling	 Corner stapling	 Stacking	 Booklet
Booklet finisher <b>FS-612</b>							
Stapling unit <b>FS-531</b>							
Open stacker <b>OT-510</b>							
Ring binding unit <b>MB-200 Max Finisher</b>							
Staple finisher <b>FS-532</b>							
Booklet making unit <b>SD-513</b>							
Stacking unit <b>LS-506</b>							
Folding and punching unit <b>FD-503</b>							
Perfect binding unit <b>PB-503</b>							
Booklet making unit <b>SD-506</b>							
Booklet making unit <b>Plockmatic SD-350/500</b>							
Booklet making unit <b>Watkiss</b>							
Ring binding unit <b>GBC G1</b>							
Multi punching unit <b>GBC G2</b>							
Multi purpose stacker <b>Plockmatic MPS-130</b>							

	 <b>Trimming</b>	 <b>Creasing</b>	 <b>Slitting</b>	 <b>Square-folding</b>	 <b>Multi Letter fold-In</b>	 <b>Post Insertion</b>	 <b>Perfect Binding</b>	 <b>Wire-binding</b>	 <b>Ring-binding</b>	 <b>Multi-punching</b>	
											<b>ENTRY</b>
											
											
											<b>MID</b>
											
											
											
											<b>HIGH</b>
											
											
											







# 10 GOOD REASONS FOR AccurioPress C6100



## 1. SIMPLY EFFICIENT

with the Intelligent Quality Care Unit



## 2. PERFECT IMAGE QUALITY

with Konica Minolta's unique toner  
and processing technologies.



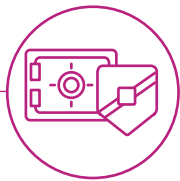
## 5. MORE JOBS IN THE SHOP

with many inline finishing options



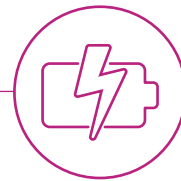
## 6. EASE OF USE

and short learning curves due to intuitive operation



### 3. HIGHEST RELIABILITY

with solid metal-based construction



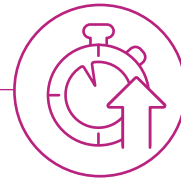
### 4. DURABLE PERFORMANCE

with high print speed and productivity



### 7. GROW YOUR BUSINESS

with high paper capacities and broad  
variety of supported media



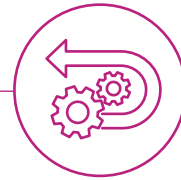
### 8. INCREASE UPTIME

with automated and time reduced setup times



### 9. IMPROVE YOUR CUSTOMER LOYALTY

auto quality measure to print the expected



### 10. SHORT TURNAROUNDS

with automated quality control and  
inspection on the fly

# TAKE LEADERSHIP AND RESPONSIBILITY

## RETHINK TOMORROWS' BUSINESS

### MADE YOUR BUSINESS

#### Commercial printers

The AccurioPress C6100 / C6085 delivers in-line, closed-loop quality management for automated colour calibration and control, and in-line automated image registration, without the need for highly specialised press operator skills. Combined with its ability to print on media up to 400 g/m<sup>2</sup>, envelopes and long sheet banners, the C6100 / C6085 brings your commercial print business a whole new world of possibilities.

#### Digital printers

With one-touch closed-loop image quality management, a huge array of stock choices and an extremely robust in-line finishing suite, the power, speed and productivity of the AccurioPress C6100 / C6085 deliver an ideal solution for digital printers. AccurioPress C6100 / C6085: flexibility, speed and reliability to meet or exceed the exacting standards of short-run on-demand workflows.

#### CRD

AccurioPress C6100 / C6085 offers the high-speed scanning, versatile controller options and one-touch media setup critical to the diverse legacy job flows and ultra-tight turnaround times of the typical inplant/ CRD environment. C6100 / C6085 is an ideal way to meet those demands with a smooth, easy productivity model, tidy footprint, less specialised work force requirement and the green advantages of Energy Star compliance.

### DESIGN FOR OUR PLANET

#### Sustainability

Our exclusive Simitri HDE toner formulation uses plant-based biomass material to reduce environmental impact. Our presses use recycled PC/ABS resins and bioplastics in construction.

The AccurioPress series models achieve among the lowest power consumption rate of presses in their class.

#### Ecvision 2050

We're committed to a mid-century goal of reducing CO<sub>2</sub> emissions by 80% from 2005 levels, minimizing greenhouse gases that may contribute to global warming. We pursue that goal every day - minimizing energy consumption, cutting pollution and using recycled materials in construction.



# CONTROLLER AND OPTIONS

## RETHINK THE NEEDS

### FIERY IMAGE CONTROLLER IC-313

Type	Server
CPU	Intel® Core™ i5-4570S Processor (6M cache, up to 3.6 GHz, quad core)
Memory	8 GB
HDD	1 TB
Page-description language	Adobe PostScript 3 (3020); PDF 1.7; PPML v3. OGA; APPE 3.0; PCL 5/6 emulation
Printing method	TCP/IP; SNMP; SMB; FTP; LPR; IPP; Bonjour
Applicable OS	Windows Vista/7/8.1/10; Windows Server 2008/2012*; Mac OSX v10.8 – v10.10
Interface	10Base-T/100Base-TX/1000Base-T

\* including 64-bit versions

### CREO IMAGE CONTROLLER IC-314

Type	Server
CPU	Intel® Core™ i7-4790S 3.2 GHz
Memory	12 GB (7 GB: system memory; 5GB: image memory)
HDD	3 x 1 TB (1 TB system disk; 2 x 1 TB image disks)
Page-description language	Adobe PostScript 3 (PS3020), PDFv1.7, APPE v3.4, PDF/X-1a/3/4, PDF/VT-2, TIFF v6.0, TIFF/IT, PPML v2.2, VPS, PPML/VDX, XPS
Printing method	TCP/IP; SMB; LPR; Bonjour
Applicable OS	Windows 7/8.1/10; Windows Server 2008/2012*; Mac OSX v10.7 – v10.11
Interface	Ethernet (10Base-T/100Base-TX/1000Base-T) with IPv6, USB 2.0/3.0

\* including 64-bit versions

### KONICA MINOLTA IMAGE CONTROLLER IC-604

Type	AIO to the engine (option)
CPU	Conforms with main unit specification
Memory	20 GB (details: 8 GB (standard of the main body) + 12 GB (IC-604))
HDD	4 TB (details: 1 TB x4)
Page-description language	Adobe PostScript 3 (PS3020), PDF v1.7, APPE v4.2, PDF/VT-2, TIFF v6, PPML v2.2, PCL-5c, PCL6 v3
Printing method	TCP/IP (LPR/LPD, Raw Port socket), IPX/SPX (NDS, Bindery), NetBEUI, IPP, Apple Talk, WSD, Bonjour, SMB
Applicable OS	PS Plug-in: Windows 7/8.1/10, Windows Server 2008/2008R2/2012*/2016*, Mac OSX v10.8 – v10.12 PS PPD***: Windows 7/8.1/10, Windows Server 2008/2008R2/2012*/2016*, Linux CUPS
Interface	Ethernet (10Base-T/100Base-TX/1000Base-T) with IPv6, USB 2.0

\* Including 64-bit versions \*\* WHQL is not obtained for the PS PPD driver.

### FIERY IMAGE CONTROLLER IC-315

Type	Server
CPU	Xeon E5-2637 3.5 GHz
Memory	32 GB
HDD	500 GB + 2x2 TB
Page-description language	Adobe PostScript 3 (PS3020); PDF v1.7; APPE 3.0; PDF/VT-2, PPML v3.0; PCL 5/6 emulation
Printing method	TCP/IP; SNMP; SMB; FTP; LPR; IPP; Bonjour
Applicable OS	Windows 7*/8.1*/10*; Windows Server 2008*/2008R2*/2012*; Mac OSX v10.8/v10.9/v10.10/v10.11
Interface	Ethernet (10Base-T/100Base-TX/1000Base-T) with IPv6, USB 2.0/3.0

\* including 64-bit versions

### OPTIONS

KM image controller	IC-604
EFI external image controller	IC-313
EFI external image controller	IC-315
CREO external image controller	IC-314
Paper Feeder Unit	PF-707m
Paper Feeder Unit	PF-711
Dehumidifier Heater	HT-506
Multi Bypass Tray	MB-508
Large capacity tray	LU-202XLm
Conveyance Unit	RU-518
Humidifier	HM-103
Intelligent Quality Optimizer	IQ-501
Relay Unit	RU-702
Auto Inspection Unit	UK-301
Envelope Fusing Unit	EF-104
Output Tray Unit	OT-510
Banner Tray Unit (Output)	MK-761
3rd party Interface	MK-737
Relay Unit	RU-510
Stapling Unit	FS-532
Saddle Stitcher kit	SD-510
Punch kit	PK-522
Mount Kit	MK-732
PostInserter kit	PI-502
Press and trim kit	PT-220
Corner forming kit	SF-204
Folding and Punching Unit	FD-503
Booklet making Unit	SD-506
Booklet making Unit	SD-513
Folding kit	FD-504
Trimmer kit	TU-503
Creser kit	CR-101
Stacking Unit	LS-506
Handcart	LC-501
Perfect Binding Unit	PB-503
GBC Binding Unit	G1
GBC Punching Unit	G2
Max Binding Unit	MB-200
Booklet making Unit	Watkiss Powersquare 224KR
Booklet making Unit	Plockmatic SD-350/500
Booklet making Unit	Plockmatic PSQ-160
Banner Stacking Unit	MPS-130

\* Available early 2018





KONICA MINOLTA

# TECHNICAL SPECIFICATIONS

## RETHINK PRODUCTION PRINTING

### SYSTEM SPECIFICATIONS

Resolution	1,200 x 1,200 dpi x 8 bit 1,200 x 3,600 equivalent
Paper weight	52 – 400 g/m <sup>2</sup>
Duplex unit	Non-stack type; 52 – 400 g/m <sup>2</sup>
Paper sizes (max.)	330.2 x 487.7 mm 330.2 x 762 mm with LU-202 XLm 330.2 x 1,300 mm with MB-508
Maximum image area	321 x 480 mm (for 330.2 x 489.7mm papers)
Paper input capacity	Max: 13,890 sheets
Paper output capacity	Max: 13,600 sheets
Main unit dimensions (W x D x H)	950 x 950 x 1,319 mm
Main unit weight	440 kg

### PRODUCTIVITY

AccurioPress C6100	
A4 – max. per minute	100 ppm
A3 – max. per minute	53 ppm
SRA3 – max. per minute	50 ppm
A4 – max. per hour	5,455 pph
A3 – max. per hour	2,902 pph
SRA3 – max. per hour	2,711 pph
AccurioPress C6085	
A4 – max. per minute	85 ppm
A3 – max. per minute	46 ppm
SRA3 – max. per minute	43 ppm
A4 – max. per hour	4,636 pph
A3 – max. per hour	2,520 pph
SRA3 – max. per hour	2,356 pph

### COPIER SPECIFICATIONS \*\*

Gradations	256 gradations
Magnification	25 – 400%, in 0,1% steps
Multiple copies	1 – 9,999

### SCANNER SPECIFICATIONS \*\*

Scan Speed A4	Up to 160 ipm
Scan resolution	Max: 600 x 600 dpi
Scan modes	TWAIN scan; Scan-to-HDD; Scan-to-FTP; Scan-to- SMB; Scan-to-Email
Scan formats	TIFF (single and multi page);PDF

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
- All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

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