STS
Saigon Tek Solution

KONICA MINOLTA

MAKE A POWERFUL
IMPRESSION
RETHINK AGILITY

AccurioPress
C7100/C7090

Giving Shape to Ideas

DISCOVER AGILITY THAT CREATES OPPORTUNITY

More profitable business through a press that works smarter not harder – this was key in the development of AccurioPress C7100 and AccurioPress C7090. With a focus on optimizing performance, offering new and advanced print products, and growing the entire business. With the AccurioPress C7100 series, you serve more customers and complete more jobs with innovative technologies that power your success.

INTELLIGENT AUTOMATION

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

ADVANCED CAPABILITIES

With auto-duplex banners up to 900mm and the flexibility to handle embossed and textured media, its handling so simple that one operator can run even the most complex projects. So, why not say yes right now to more opportunities that will grow your business!

ENHANCED FINISHING

The optional in-line TU-510 4-edge trimming unit cuts, creases and perforates to produce stunning full-bleed trimmed book jackets, imposed cards, business cards, coupons and more. Removing the need for off-line finishing means fewer operator touchpoints for faster and more efficient print runs.

EXCEPTIONAL DURABILITY

Reliability drives profitability. Among the new technologies built into the engine are a more durable lubricated drum, double corona wires with automatic cleaning, an optimized paper transport solution, and a double swing registration system for improved paper compatibility and feeding accuracy.
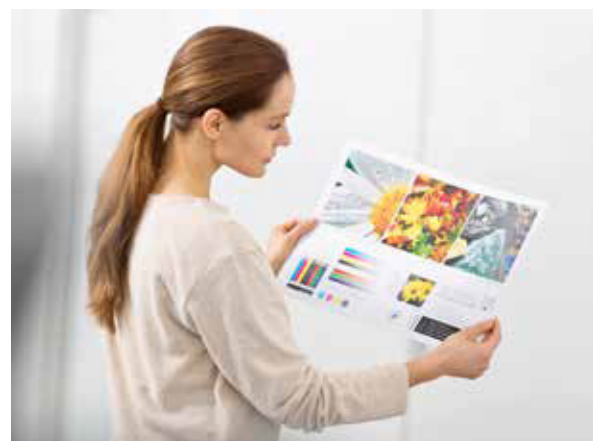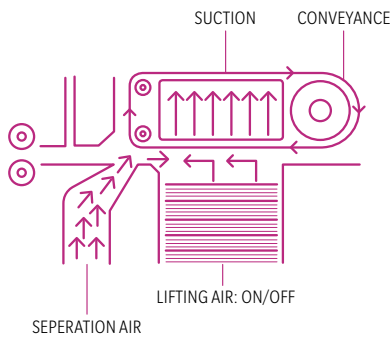
FLAWLESS QUALITY

Our latest Simitri V toner is eco-friendly and formulated for performance. Fast melting, energy efficient and low maintenance, it reproduces superb quality on a wider range of media up to 400 g/m². Combined with an output resolution of 3,600 dpi equivalent x 2,400 dpi, you will get outstanding results even from the fastest, longest print runs.

INNOVATE PRINT
RETHINK TECHNOLOGY

Intelligent Quality Optimiser IQ-501

The innovative Intelligent Quality Optimizer IQ-501 takes consistency and registration accuracy to a new level. It provides extensive automation for image position and registration as well as color control. This is made possible with our proprietary closed-loop quality control system that checks and corrects printed output. Automation provided by the IQ-501 also extends to color calibration and profiling – all designed to reduce operator time and print wastage while increasing productivity.

AUTO COLOUR VALIDATION

AUTO PROFILING

AUTO INSPECTION TECHNOLOGY

Intelligent Quality Optimiser IQ-501

AUTO QUALITY ADJUSTMENTS

REAL TIME ADJUSTMENT

AUTO COLOUR ADJUSTMENTS

VARIABLE DATA INSPECTION

AUTO DUPLEX REGISTRATION

SUCTION   CONVEYANCE

LIFTING AIR: ON/OFF

SEPERATION AIR
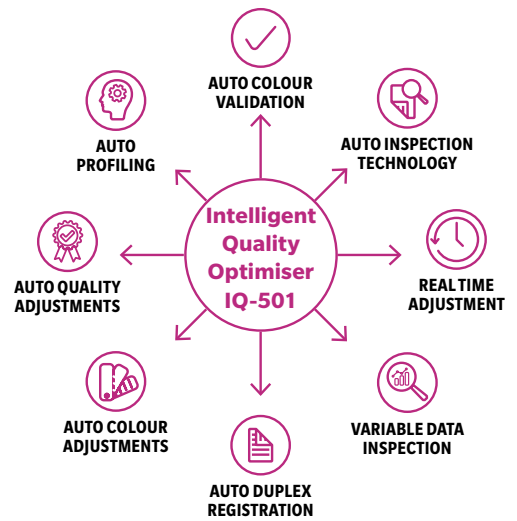
Vacuum paper feeding

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 for all formats up to 900 mm length 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.

Simitri V

Simitri® V Toner

Konica Minolta's innovative Toner technology Simitri® V gives superb print quality and an offset matte finish. Furthermore it supports the high productivity of AccurioPress C7100 series and it requires a lower fusing temperature which reduces the energy consumption of the system and the impact of the printing process on the paper. Simitri V was designed to easily follow the surface of the paper or substrate to guarantee best possible print quality on embossed, structured or recycled materials.

S.E.A.D. X Image Processing

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

Media Detection Sensor

The optional media sensor IM-101 automatically detects the type, weight, thickness and surface of each substrate, and proposes the appropriate paper settings from the catalogue, which makes wrong paper settings a thing of the past avoiding misprints and waste.

SURFACE PROPERTIES

INSERT

PAPER THICKNESS

WEIGHT

MEDIA SENSOR
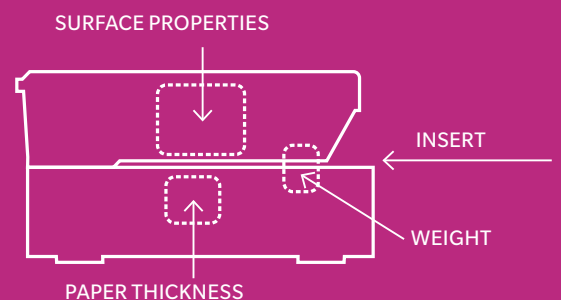
STATE-OF-THE-ART-PRINT-SERVER
RETHINK PRODUCTION PRINTING

THE IC-609 KONICA MINOLTA OWN CONTROLLER

The Konica Minolta IC-609 print controller brings powerful workflow benefits – including 2,400 dpi printing at full rated engine speed, high-speed RIP processing, enhanced accuracy in colour reproduction, colour management functions and full compatibility with print engine on-board job control and editing functions.

IC-318L EFI FIERY CONTROLLER

Reduce labour costs, cut turnaround times, and minimize errors and paper waste with the advanced job management and workflow automation that the Fiery® IC-318L provides. Streamline your job layout with the Fiery's instant visual preview and advanced make ready capabilities. What's more, supporting industry-leading variable data printing (VDP) formats, the Fiery also produces personalized short-run jobs profitably.

IC-319 EFI FIERY CONTROLLER

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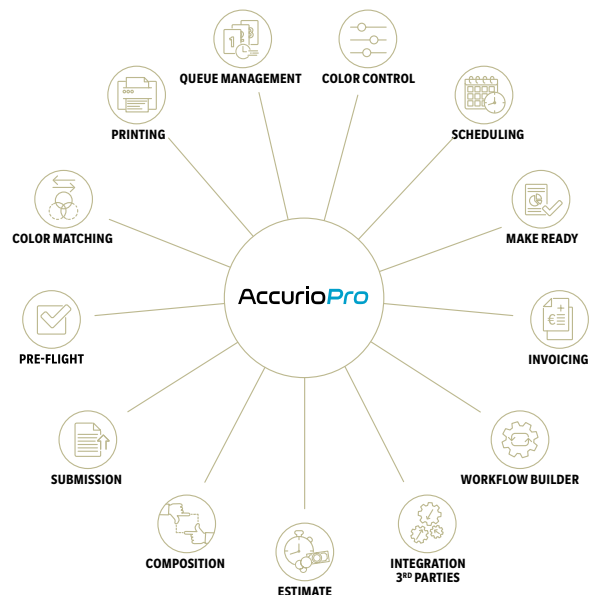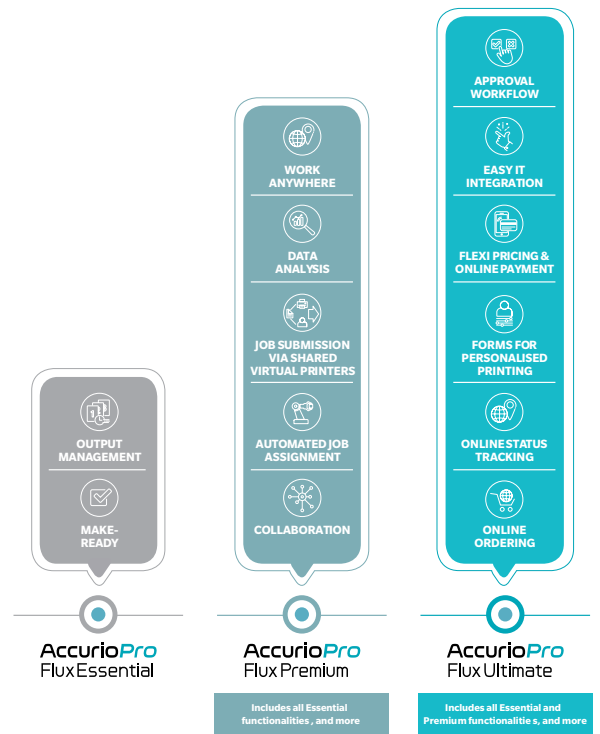
STREAMLINE YOUR PRODUCTION
RETHINK YOUR WORKFLOW

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.

APPROVAL WORKFLOW
EASY IT INTEGRATION
FLEXI PRICING & ONLINE PAYMENT
FORMS FOR PERSONALISED PRINTING
ONLINE STATUS TRACKING
ONLINE ORDERING

WORK ANYWHERE
DATA ANALYSIS
JOB SUBMISSION VIA SHARED VIRTUAL PRINTERS
AUTOMATED JOB ASSIGNMENT
COLLABORATION

OUTPUT MANAGEMENT
MAKE-READY

AccurioPro Flux Essential

AccurioPro Flux Premium
Includes all Essential functionalities, and more

AccurioPro Flux Ultimate
Includes all Essential and Premium functionalities, and more

QUEUE MANAGEMENT
COLOR CONTROL
SCHEDULING
MAKE READY
INVOICING
WORKFLOW BUILDER
INTEGRATION 3RD PARTIES
ESTIMATE
COMPOSITION
SUBMISSION
PRE-FLIGHT
COLOR MATCHING
PRINTING

AccurioPro

AccurioPro Color Manager

AccurioPro Manager Engine Tune	AccurioPro ColorManager Suite
	• AccurioPro ColorManager Print
	• AccurioPro ColorManager Advance
	• AccurioPro Cloud Eye

Streamline your colour management with the AccurioPro Color Manager (APCM). The APCM Suite is a combination of tools to linearise, profile, validate and control the colour quality of your printing presses.

YOUR ADVANTAGES WITH THE AccurioPress C7100 / C7090
RETHINK PRODUCTION PRINTING

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
- Automated inline business card and postcard cutting
- Full bleed banners, A3 and A4 posters

DURABLE PERFORMANCE

AccurioPress C7100
- Duty Cycle of up to 1.8 million prints
- Up to 100 A4 colour pages per minute
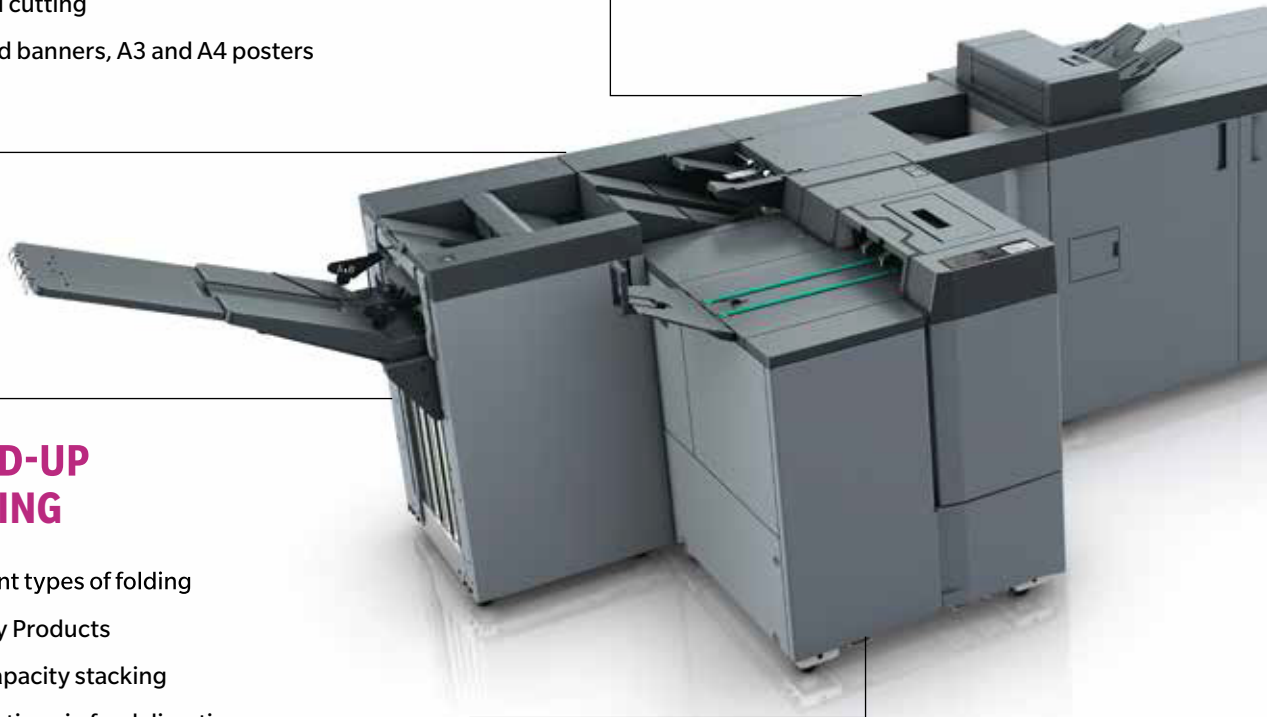- Up to 53 SRA3 colour pages per minute

AccurioPress C7090
- Duty Cycle of up to 1.62 million prints
- Up to 90 A4 colour pages per minute
- Up to 48 SRA3 colour pages per minute

GEARED-UP FINISHING

- 6 different types of folding
- 3rd–party Products
- Large-capacity stacking
- 2 Perforations in feed direction, 5 Perforations in Cross feed direction
- Up to 5 Creases downwards or upwards

SIMPLY EFFICIENT

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

HIGH-END PRINT CONTROL

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

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- For prints with maximum efficiency
- For lucrative short-run printing

EASE OF USE

- Simple paper catalogue settings
- Auto Inspection Technology

PERFECT IMAGE QUALITY

- S.E.A.D. X 2,400 x 3,600 equiv. dpi x 8bit
- Simitri V toner technology
- Image density control technology

COMPREHENSIVE MEDIA PROCESSING

- Up to 400 g/m² paper weight in simplex and duplex printing
- Long sheet size of up to 1,300 mm (duplex up to 900 mm)
- Reliable thin paper feeding through air-blow fusing separation
- Envelope printing
- Embossed paper support
- Optional inter-cooler curl eliminator

SOPHISTICATED MEDIA HANDLING

- Automatic media recognition
- Air-suction feeding technology
- Up to 15,150 sheets paper input capacity
- Up to 11 paper input trays
- Up to 2,300 sheets paper input for long sheets (up to 900 mm)

FINISHING & FUNCTIONS

	Letter fold	2/4 hole Punching	Two-point stapling	Corner stapling	Stacking	Booklet	Trimming	Creasing	Slitting	Perforation	Square-folding	Multi Letter fold-In	Post Insertion	Perfect Binding	Wire-binding	Ring-binding	Multi-punching	
Open stacker OT-512					●													ENTRY
Staple finisher FS-532m		○	●	●	●	○							○					ENTRY
Staple finisher FS-541		○	●	●	●	○							○					MID
Booklet making unit SD-513						●	●	○	○		○	●						MID
Stacking unit LS-507					●													MID
Folding and punching unit FD-503		●									●	●						MID
Perfect binding unit PB-503													●	●				MID
Booklet making unit SD-506						●	●											MID
Trimming unit TU-510							●	●	●	●								MID

● standard   ○ optional

10 GOOD REASONS
FOR AccurioPress C7100 SERIES

1. BUSINESS EXPANSION

Compatible with thin to thick media and superior banner printing capabilities

2. INTELLIGENT AUTOMATION

Minimize preparation time with easy and quick setup routines, e.g. for media, colours, registration

3. NEW PRINT PRODUCTS

Extend your offerings with textured media, envelope and long sheet duplex printing

4. HIGHEST RELIABILITY

Durable design and accurate registration for quality products with minimum waste

5. AUTOMATED FINISHING

Many unique inline finishing options to create ready-to-ship booklets, perfect bound books, ring binding, business cards or full bleed banners and many more

6. FAST TURN AROUND

Same high engine performance on all kinds of media combined with closed loop quality control and inspection technology

7. SUPERB IMAGE QUALITY

Simitri V, high print resolution and Konica Minolta's very own imaging technology guarantee happy customers

8. WORRY-FREE OPERATION

Real-time quality control for consistent and faultless print products

9. INCREASED UPTIME

Long-lasting consumables, high paper input capacity and dependable productivity secure uninterrupted production

10. EASE OF USE

Even novice operators will get very good and consistent results at the tip of a finger

TAKE LEADERSHIP AND RESPONSIBILITY
RETHINK TOMORROWS BUSINESS

MADE YOUR BUSINESS
Commercial printers

The AccurioPress C7100 series supports you in growing your business and getting the most out of your investment. Its high speed, high productivity and high uptime help you achieve shortest turnaround times, while the great media flexibility with stocks of up to 400 g/m², long sheets of up to 1,300 mm, envelopes and structured media will further enhance the variety of our print offerings. Colour quality issues are a thing of the past as the AccurioPress C7100 includes numerous auto control and adjustment features. What's more, an inspection system can be applied to make sure only impeccable prints leave your shop.

In-plants and Print Shops

The AccurioPress C7100 series provides the highest degree of automation and produces quality on the highest level. With its professional inline finishing, you can create ready-made products at the push of a button; and the Intelligent Quality Optimizer IQ-501 makes sure that the print quality is automatically set, monitored and continuously corrected. The versatile media flexibility and high productivity make the AccurioPress C7100 series a solid and lucrative investment for the future.

DESIGN FOR OUR PLANET

Konica Minolta promotes sustainable development and integrates environmental and social perspectives into its business strategies. You can rely on Konica Minolta products to underpin your green strategy to build your business.

Committed to help prevent global warming, Konica Minolta strives to reduce CO_2 emissions during product manufacture, product distribution, at the sales stage, and during product use – with even stricter targets than demanded by the Kyoto Protocol. Enabling carbon neutrality, Konica Minolta offers its customers the offset of unavoidable CO_2 emissions for production printing. Together with the experts from Climate Partner, Konica Minolta proposes a new and profound eco concept for our professional production presses.

CONTROLLER AND OPTIONS
RETHINK THE NEEDS

FIERY IMAGE CONTROLLER IC-319

Architecture	External
OS	Windows 10
CPU	Intel® Xeon 5118
Clock speed	2.3 GHz
RAM std	32 GB
HDD	4,5 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11–14

FIERY IMAGE CONTROLLER IC-318L

Architecture	External
OS	Windows 10
CPU	Intel i7-6700
Clock speed	3.2 GHz
RAM std	16 GB
HDD	1 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11–14

KONICA MINOLTA IMAGE CONTROLLER IC-609

Architecture	Internal
OS	Linux
CPU	Intel Core i5 6500
Clock speed	3.2 GHz
RAM std	16 GB
HDD	2 TB (2 x 1TB)
Page-description language	Adobe PostScript 3; APPE (with UK-220); TIFF v6; PDF 1.7, X-1a, X-3, X-4, VT2; PPML 2.2; PCL 5c; XL; PCL XL; JDF/JMF
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11–15

OPTIONS

KM image controller	IC-609
EFI external image controller	IC-318L
EFI external image controller	IC-319
Paper Feeder Unit	PF-712
Paper Feeder Unit with Scanner	PF-713
Paper Feeder Unit	PF-812
Dehumidifier Heater	HT-506
Multi Bypass Tray	MB-511
Large capacity feeding unit	LU-208
Large capacity feeding unit	LU-208XL
Dehumidifier Heater	HT-518
Envelop printing guide	MK-746
Multi bypass feeding	MB-510
Intelligent Media Sensor	IM-101
Conveyance Unit	RU-518m
Humidifier	HM-103
Intelligent Quality Optimizer	IQ-501
Purge Unit	RU-702
Auto Inspection Unit	UK-301
Inspection Enhancement kit	UK-311
VDP Verification kit	UK-312
Envelope Fusing Unit	EF-108
Output Tray Unit	OT-512
Long Sheet kit (Input)	MK-760
Long Sheet kit (Output)	MK-761
3rd party Interface	MK-737
Relay Unit	RU-510
Stapling Unit	FS-541
Stapling Unit	FS-532m
Saddle Stitcher kit	SD-510
Punch kit	PK-525
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
Creaser kit	CR-101
Stacking Unit	LS-507
Handcart	LC-502
Perfect Binding Unit	PB-503
Trimmer Unit	TU-510
Creaser kit	CR-102
Trimmer kit	TU-504
Banner kit	MK-764
Job Separator kit	JS-507
Creaser kit upwards	CR-103
Perforation kit Horizontal	PE-101
Perforation kit Vertical	PE-102
Scrap ejection kit	MK-765

KONICA MINOLTA

TECHNICAL SPECIFICATIONS
RETHINK PRODUCTION PRINTING

SYSTEM SPECIFICATIONS

Resolution	2,400 x 3,600 equiv. dpi x 8 bit
Paper Weight	52–400 g/m²
Duplex Unit	Non-stack type; 52–400 g/m²
Paper sizes	330.2 x 487.7 mm 330.2 x 900 mm (max.duplex) 330.2 x 1,300 mm (max. simplex)
Paper input capacity	15,140 sheets
Main unit dimensions (W x D x H)	800 x 1,138 x 1,478 mm
Main unit weight	335 kg

PRODUCTIVITY

AccurioPress C7100

A4 colour - max. per minute	100 ppm
A4 mono - max. per minute	110 ppm
SRA3 colour - max. per minute	53 ppm
SRA3 mono - max. per minute	58 ppm
A4 colour - max. per hour	5,613 pph
A4 mono - max. per hour	6,103 pph

AccurioPress C7090

A4 colour - max. per minute	90 ppm
A4 mono - max. per minute	110 ppm
SRA3 colour - max. per minute	48 ppm
SRA3 mono - max. per minute	58 ppm
A4 colour - max. per hour	5,047 pph
A4 mono - max. per hour	6,103 pph