

PROFESSIONAL PRINTING PRODUCT RANGE

2025



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THE FUTURE IS NOW

RETHINK DIGITAL PRINTING

Firmly established in the professional printing market for over two decades and recognised as one of the leading industry vendors, Konica Minolta is renowned for its innovations as much as its successful long-term partnerships with customers worldwide. Active in the Production Printing market since the early 2000s, we pride ourselves in our continued growth and in being able to draw on our profound experience – thanks to our outstanding development history of Production Printing systems.

At Konica Minolta, we encourage print businesses to focus on new opportunities in order to reduce costs, add new services, improve their productivity, and increase their profits. As a competent provider of comprehensive services and innovative solutions for the production printing industry, we help our customers grow their business with complete integrated workflows and applications that go far beyond our professional and sophisticated hardware products.

Our aim is for our customers to achieve a good and fast return on their investment. We provide support and business tools to help you explore new markets by focusing on innovative print and Web technologies that will ensure you are ready and prepared for the future – including:

- Sophisticated print automation and book publishing applications plus professional inline finishing equipment
- Latest digital innovations including our revolutionary digital inkjet colour printing technology; wide-format printing; and overall maximised productivity
- Professional VDP 1:1 communication with variable data and transpromotional printing solutions as well as cross media communication
- Web-to-print solutions and diversification via web printing and photo merchandising
- Efficient output control that integrates viable colour management, make-ready and output management applications

At Konica Minolta, we place great importance on empowering you to grow your business and reap important benefits – for example from the simple setup and integration of hybrid workflows. We also offer you singular automation to help you achieve massive time savings; with our solutions, you will boost your operational efficiency; and we advise you on how to improve your customers' loyalty and maximise your investment.

The future has begun - rethink digital printing with Konica Minolta now!

HIGH QUALITY AND RELIABILITY FOR ENTRY-LEVEL PRODUCTION

The AccurioPrint 2100 delivers real value to any print production environment – with high-speed 100 ppm B&W output, high paper and toner capacity, standard built-in print controller and a compact footprint to save space on your production floor. Dedicated to central in-house printing facilities and external print-for-pay services – this device provides sturdy construction, high performance and smart inline finishing options teamed up with advanced technology for enhanced B&W print quality. Be more productive with high-performance colour scanning capability with dual scanning ADF in combination with the powerful print engine.











TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
Print speed A4	100 ppm
Print speed A3	56 ppm
Print resolution	1,200 x 1,200 dpi
Gradations	256 levels
SYSTEM SPECIFICATIONS	
Paper weight	40 – 300 gsm (350 gsm optional*)
Duplex unit	Non-stack type 40 – 300 gsm
Paper sizes	Standard: Min.: 182 x 139 mm Max.: 324 x 463 mm Optional Min.: 95 x 139 mm* Max.: 324 x 483 mm**
Maximum image area	314 x 463 mm (up to 483 mm** optional)
Paper input capacity	Standard: 3,000 sheets Max.: 9,000 sheets
Paper output capacity	Max.: 4,200 sheets
Main unit dimensions (W x D x H)	990 x 910 x 1,460 mm
Main unit weight	340 kg

CONTROLLER SPECIFICATIONS

CONTROLLER SI ECII ICATIO	/////////////////////////////////////
Konica Minolta controller	
Туре	Built-in type
Resolution	1,200 x 1,200 dpi; 600 dpi x 600 dpi
Scan	200 dpi, 300 dpi, 400 dpi, 600 dpi
CPU	Pentium G4400 3.3 GHz
Memory	12 GB (DDR4 U-DIMM x2) 2,133 MHz
HDD	1 TB (SATA/ 7,200 rpm / 3.5 inch)
SSD	4 GB
Interface	Ethernet 10/100/1000BASE-T; SB 3.0 host
Page-description language	PCL5E/XL (PCL6); Adobe PostScript 3 (PS3020); PDF directprint (PDF Ver.1.7); TIFF (TIFF Ver.6) direct print; PPML (Ver 2.2)

FINISHING MODES (OPTIONAL)

Letter fold-in; Multi (GBC) punching; Auto ring binding; Stapling; Saddle stitching; Punching; Post insertion

Accurio Print 2100

RECOMMENDED CONFIGURATIONS













DURABLE PERFORMANCE

- Up to 56 A3 pages per minute

READY-MADE PRINT PRODUCTS

- Stacking of up to 4,200 sheets
- Two-point and corner stapling of up to 100 sheets with automatic staple cut mechanism

- Tri-folding for up to 3 sheets

GEARED-UP FINISHING

- ZU-608 for z-folding and punching of sheets
- GBC Punch G3 with different die sets for punching, creasing and perforation GBC Wire G1 for A4 and A5 wire bound books
- Max MB-200 for A4 ring bound books

ENVIRONMENTAL AWARENESS

- Reduced CO₂ emissions Carbon-neutral printing available via our "Enabling Carbon Neutrality" program

ENHANCED SCANNING PERFORMANCE

- The dual scanner scans documents in one path Double sheet detector Max. 240 ipm (A4, 300 dpi) Scanner capacity of 300 sheets

HIGH-END PRINT CONTROL

- AccurioPro PrintManager for job management optimises the overall workflow

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution

EASE OF USE

- Simple paper catalogue settings

SOPHISTICATED MEDIA HANDLING

- Optional bypass tray
- Up to 9,000-sheet paper input capacityUp to 5 paper input trays

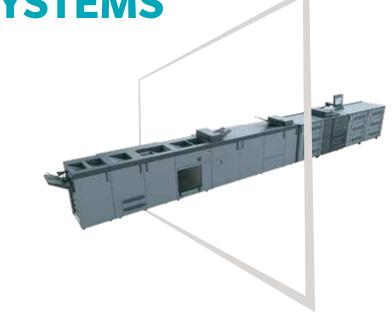
COMPREHENSIVE MEDIA PROCESSING

- Mechanical decurling as standard
 Optional media sensor IM-101 estimates



PROFESSIONAL BLACK & WHITE SYSTEMS

In the fast-growing, digital high-volume print market, in-house printers and graphic communications providers have to focus on building up their business by producing a wider range of high-volume jobs more efficiently. For that, they need extreme performance: The AccurioPress 7136 series comprises two models, the fastest of which provides a maximum speed of 7,940 A4 pages per hour. Latest technologies guarantee maximum uptime and outstanding black and white print quality. The superior product outline impresses with a comprehensive range of inline finishing options.









TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
AccurioPress 7120	
Print speed A4	Up to 120 ppm
Print speed A3	Up to 70 ppm
AccurioPress 7136	
Print speed A4	Up to 136 ppm
Print speed A3	Up to 78 ppm
SYSTEM SPECIFICATIONS	
Paper weight	40 – 350 gsm
Duplex unit	Non-stacking type, 40-300 gsm
Paper size	Min.: 95 x 139 mm
	Max.: 324 x 483 mm (with PF-710)
Maximum image area	314 x 483 mm (with PF-710)
Paper input capacity	Standard: 3,000 sheets
	Max.: 18,000 sheets
Paper output capacity	Up to 15,000 sheets (plus sub trays)
Warm-up time	Less than 480 sec.
Main unit dimensions (W x D x H)	990 x 910 x 1,454 mm
Main unit weight	396 kg

CONTROLLER SPECIFICATIONS

Internal Konica Minolta	controller	
Туре	Built-in type	
СРИ	Intel i5 6500 3.2 GHz	
RAM	16 GB	
HDD	1 TB x 2	
Interface	Ethernet 10/100/1000BASE-T; USB 3.0	

MIC-4160 external EFI Fiery® controller

Туре	External controller
СРИ	Intel Pentium Gold G5400
RAM	8 GB (2x 4 GB)
HDD	500 GB, SSD boot driver for OS and Fiery software
Interface	Ethernet (10/100/1,000-Base-T)

MIC-4170 external EFI Fiery® controller

lype	External controller
CPU	i5-8500 processor
RAM	8 GB
HDD	1TB, SSD boot driver for OS and Fiery software
Interface	Zusätzlich MIC-4170:
	MIC-4170 external EFI Fiery® controller
	Type External controller
	CPU i5-8500 processor
	RAM 8 GB
	HDD 1TB, SSD boot driver for OS and Fiery software
	Interface Ethernet (10/100/1,000-Base-T)

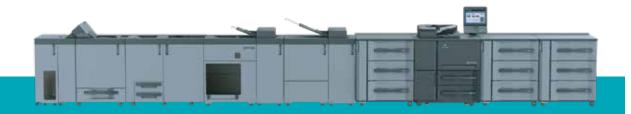
FINISHING MODES (OPTIONAL)

Stapling; Large-capacity stacking (trolley-based); Auto-shift sorting and grouping; Punching (2 and 4 holes); Multi (GBC) punching; Auto ring binding; Folding (half-fold; z-fold; gate-fold; letter fold-in; letter fold-out; double-parallel fold; multi-letter fold-in; multi half-fold); Post insertion; Large capacity post insertion; Booklet making with optional creasing, slitting, spine corner forming; Trimming; Perfect binding; Interface for 3rd party finishing

AccurioPress 7136/7120

EXPANDABLE CONFIGURATIONS





DURABLE PERFORMANCE

AccurioPress 7136

- Up to 136 A4 pages per minute
 Up to 74 SRA3 pages per minute
 Up to 7,940 A4 pages per hour

AccurioPress 7120

- Up to 120 A4 pages per minute
 Up to 66 SRA3 pages per minute
- Up to 3,846 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables

- For lucrative short-run printing

HIGH-END PRINT CONTROL

- Flexible choice of controller technology: Fiery or Konica Minolta Controller
- Integration into hybrid workflows

EASE OF USE

- Auto Inspection Technology About 220 paper profiles loaded as standard Optional Intelligent Media Sensor IM-101to detect

SOPHISTICATED MEDIA HANDLING

- Air suction feeding technology
- Pre-set paper catalog

3RD PARTY FINISHING

- Max Binder MB-2000 In-line hole punch with
- GBC Punch G3 for heavy duty punching
- For higher flexibilityFor more sophisticated print products

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine
- 100-sheet stapling with cutting mechanism 102-sheet auto ring binding
- Automated inline business card and

GEARED-UP FINISHING

- 6 different types of folding 3rd-party Products
- Large-capacity stacking

- Up to 5 Creases downwards or upwards

COMPREHENSIVE MEDIA PROCESSING

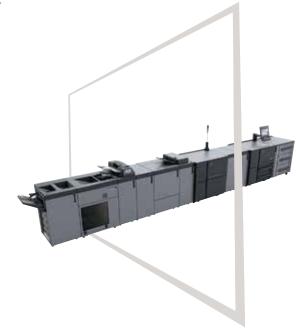
- Paper weights from 40 350 gsm in simplex and up to 300 gsm in duplex printing
- Optional heating units to support
- Envelop printing as standard
- Optional inter-cooler an eliminator

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Tone Curve Utility
 Simitri® HD toner technology
 G.S.E.A.D. Technology

A NEW WORLD OF HIGH PRODUCTIVITY

Today's market offers countless opportunities that might be exploited for satisfactory business growth. Konica Minolta systems provide commercial printers, print-for-pay services and central in-house printing facilities – professionals like yourself – with the expert platform required to ensure that you will never again say no to a business opportunity. Just like other players in your field, make sure now to reap the benefits of the AccurioPress 6272P and its dual-engine technology paired with highest print quality for ultimate performance. Rely on smooth, faultless and undisturbed production that puts paid to bottlenecks or shutdowns. Boost your turnover and ROI taking advantage of highest throughput and top productivity with over 15,000 images per hour.













PRINTER SPECIFICATIONS	
Print speed A4	272 ppm
Print speed A3	156 ppm
Print resolution	1,200 x 1,200 dpi
Gradations	256 levels
SYSTEM SPECIFICATIONS	
Resolution	1,200 x 1,200 dpi
Paper weight	40–350 gsm
Duplex unit	Non-stack type, 40 – 350 gsm
Paper sizes	Min.: 95 x 139 mm Max.: 324 x 483 mm
Maximum image area	314 x 483 mm (with PF-710)
Paper input capacity	Max.: 18,000 sheets
Paper output capacity	Max. 18,000 sheets
Main unit dimensions (W x D x H)	3,210 x 910 x 1,020 mm*
Main unit weight	828 kg*

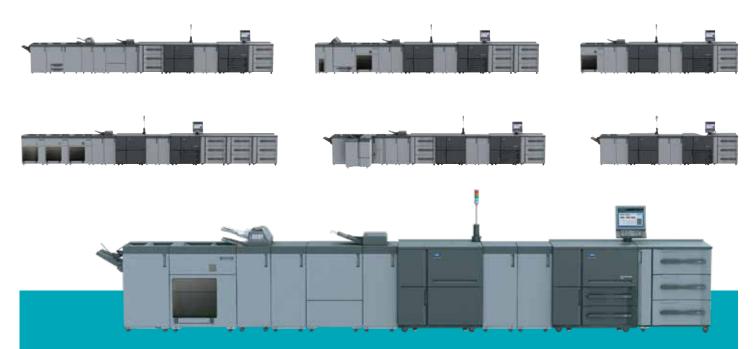
CONTROLLER SPECIFICATIONS

Konica Minolta controller	
Туре	Built-in type
Resolution	Print: 1,200 x 1,200 dpi; 600 dpi x 600 dpi
CPU	Intel Core i5 4570S 2.9 GHz
RAM	16 GB
HDD	1 TB x2
SSD	4 GB
Interface	Ethernet 10/100/1000BASE-T USB 3.0 (for direct print service) USB 2.0 (for local print)
Page-description language	PCL5E/XL (PCL6); Adobe PostScript 3 (PS3020); PDF directprint (PDF Ver. 1.7)TIFF (TIFF Ver. 6) direct print; PPML (Ver. 2.2), APPE (Ver. 4.6, UK-217 required)

^{*} Mainbody 1 & 2, RU-510 x 2, TD-502

Accurio Press 6272P

RECOMMENDED CONFIGURATIONS



DURABLE PERFORMANCE

- Duty cycle of 6.4 million images per month
 Up to 272 A4 images per minute
 Up to 156 A3 images per minute

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts
- Independent front-to-back alignment/
- Pass through mode for consistent print production

HIGH-END PRINT CONTROL

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings and

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- 14,000-sheet paper input and 5,000-sheet

FINISHED INLINE PRODUCTS

- 50-sheet booklet making with face trimming and
- Perfect binding for books up to 30 mm
- 100-sheet stapling
 100-sheet wire binding

GEARED-UP FINISHING

- 6 different types of folding Large-capacity stacking, up to 18,000 sheets
- 3rd-party interface

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 gsm paper weight in simplex and duplex
- Professional feeding of coated media
- Mechanical decurling as standard
 Optional inter-cooler curl eliminator

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Dual-engine technology
- Simitri® HD toner technology
 Image density adjustment technology for both engines



Equipped with booklet and staple finishing, 2-sided banner printing, high productivity of up to 66 ppm, excellent image quality and so much more, the AccurioPrint C4065 from Konica Minolta really offers everything in a compact printing environment. This revolutionary colour production press has all the features your business needs to easily develop new revenue streams and expand into new markets.







Digital press



Up to 3,579 A4 colour

TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
Print speed A4	Up to 66 ppm
Print speed A3	Up to 37 ppm
Print speed SRA3	Up to 34 ppm
Print resolution	3,600 (equivalent) x 2,400 dpi x 8 bit resolution
Gradations	Up to 256 levels
SYSTEM SPECIFICATIONS	
Paper weight	62 – 360 gsm
Duplex unit	Non-stack type; 62 – 360 gsm
Paper sizes	330 x 487 mm; 330 x 1,300 mm (optional)
Maximum image area	323 x 480 mm; 323 x 1,295 mm (Banner)
Paper input capacity	Standard: 1,500 sheets Max.: 7,500
Paper output capacity	Max.: 4,200 sheets
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm
Main unit weight	316 kg

CONTROLLER SPECIFICATIONS

OOM THOUSE ENDING	,
Konica Minolta Image Controller IC-6	507
Туре	Embedded controller
CPU	Intel® Pentium® Processor G4400
RAM	16 GB
HDD	2TB (2 x 1 TB)
Page-description languages	Adobe PostScript 3; TIFF v6: PDF 1.7, X-1a, X-3, X-4, VT2: PPML 2.2

Fiery (R) Image Controller IC-419

Туре	Embedded controller
СРИ	Intel® Pentium® Processor G5400, 3,3 GHz
RAM	8 GB
HDD	500 GB
Page-description languages	Adobe PostScript 3; native PDF print support V2.0; 183 Adobe PS fonts; APPE v5; PCL5/PCL6; Optimized PDF & PS;

FINISHING MODES (OPTIONAL)

Stapling; Auto-shift sorting and grouping; Punching (2 and 4 holes); Folding (z-fold; letter fold-in); Post insertion; Booklet making

AccurioPrint C4065

RECOMMENDED CONFIGURATIONS





DURABLE PERFORMANCE

- Up to 66 A4 colour pages per minuteUp to 37 A3 colour pages per minute

HIGHEST RELIABILITY

- Stacking of up to 4,200 sheets
- Two-point and corner stapling of up to 100 sheets with automatic staple cut mechanism
- Booklet Making up to 80 pages (20 sheets)
- Tri-folding of up to 3 sheets

ENHANCED SCANNING PERFORMANCE

- 8 bit resolution
 Simitri HDe toner technology
- Image density control technology

HIGH-END PRINT CONTROL

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

EASE OF USE

- Simple paper catalogue settingsOperator Replaceable Unit ManagementOpen API/IWS support

SOPHISTICATED MEDIA HANDLING

- Air suction or air-assisted paper feeding technology
- Long-sheet printing of up to 1,300 mm (simplex),

COMPREHENSIVE MEDIA PROCESSING

- Up to 360 gsm paper weight in simplex and duplex Optional media sensor estimates paper weight and type

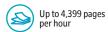
BUILD YOUR BRIDGE TO SUCCESS

Imagine having just a colour press that offers high value print capabilities such as: 2-sided banner printing, professional inline finishing, highest productivity, real-time automated quality adjustments, excellent print quality, and so much more. That's the AccurioPress C4080 series from Konica Minolta for you: our agile production colour press with features that enable you to expand your business into new markets and develop new revenue streams.











TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
AccurioPress C4080	
Print speed A4	Up to 81 ppm
Print speed A3	Up to 45 ppm
Print speed SRA3	Up to 39 ppm
Print resolution	3,600 (equivalent) x 2,400 dpi x 8 bit resolution
Gradations	Up to 256 levels
AccurioPress C4070	
Print speed A4	Up to 71 ppm
Print speed A3	Up to 39 ppm
Print speed SRA3	Up to 36 ppm
Print resolution	3,600 (equivalent) x 2,400 dpi x 8 bit resolution
Gradations	Up to 256 levels
SYSTEM SPECIFICATIONS	
Paper weight	62 – 360 gsm
Duplex unit	Non-stack type; 62 – 360 gsm
Paper sizes	330 x 487 mm; 330 x 1,300 mm (optional)
Maximum image area	323 x 480 mm; 323 x 1,295 mm (Banner)
Paper input capacity	Standard: 1,500 sheets
	Max.: 15,390 sheets
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm
Main unit weight	316 kg

CONTROLLER SPECIFICATIONS

Fiery® Image Controller IC-317	
Architecture	External
OS	Windows 10
CPU	Intel® i5 8500, 3,1 GHz
RAM	8 GB
HDD	1 TB (incl. SDD Boot-Drive)
Page-description language	Adobe PostScript 3; native PDF Druckunterstutzung V2.0; 183 Adobe PS fonts; APPE v5.5; CID fonts; PCL5/PCL6; Optimized PDF & PS; Fiery FreeForm Plus; Fiery FreeForm; PDF/VT-1/2; Creo VPS

Fiery® Image Controller IC-419

Architecture	Internal
OS	Windows 10
СРИ	Intel® Pentium® Processor G5400, 3,3 GHz
RAM std	8 GB
HDD	500 GB
Page-description language	Adobe PostScript 3; native PDF print support V2.0; 183 Adobe PS fonts; APPE v5; PCL5/PCL6; Optimized PDF & PS; Fiery FreeForm Plus: Fiery FreeForm

Konica Minolta Image Controller IC-609

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Architecture	Internal
OS	Linux
CPU	Intel Core i5 6500, 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;

FINISHING MODES (OPTIONAL)

Stapling; Auto-shift sorting and grouping; Punching (2 and 4 holes); Folding (z-fold; letter fold-in); Post insertion; Large capacity post insertion; Booklet making with optional front trimming, creasing, slitting and spine corner forming; Ring binding; Perfect binding; Inline Trimming Unit; Interface for 3rd Party Finishing; Plockmatic SD-450/435 Bookletmaker; GBC Punch G3, GBC Wire G1; Integrated Color Care Unit

AccurioPress C4080/C4070

FLEXIBLE CONFIGURATIONS



DURABLE PERFORMANCE

AccurioPress C4080

- Up to 81 A4 colour pages per minute Up to 45 A3 colour pages per minute

AccurioPress C4070

- Up to 71 A4 colour pages per minute
- Up to 39 A3 colour pages per minute

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming
- 100-sheet stapling with cutting mechanism Automated inline business card and

3RD PARTY FINISHING

- Plockmatic SD-450/SD-435 booklet maker

SIMPLY EFFICIENT

- Automated engine linearisationAutomated duplex registration

- Real-time adjustments

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts
- Fusing-rolling mechanism

HIGH-END PRINT CONTROL

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

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings Operator Replaceable Unit Management

SOPHISTICATED MEDIA HANDLING

- Air suction or air-assisted paper feeding
- Up to 11 paper trays
 Long-sheet printing of up to 1,300 mm (simplex),

COMPREHENSIVE MEDIA PROCESSING

- Up to 360 gsm paper weight in simplex
- weight and type
- Support for embossed paper

PERFECT IMAGE QUALITY

- 3,600 x 2,400 dpi x 8 bit resolution
- Simitri[®] HDe toner technology
 Image density control technology

MAKE A POWERFUL IMPRESSION

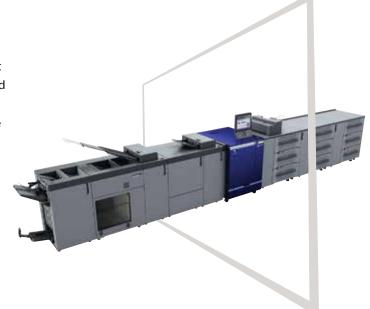
Build a profitable print business with a press that works smarter not harder – this was key in the development of AccurioPress C7100 and AccurioPress C7090. With a focus on optimising performance, offering new and advanced print products, and growing your entire business. With the AccurioPress C7100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











TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
Print speed A4	Up to 100/110 ppm (colour / b/w)
Print speedA3	Up to 53/58 ppm (colour / b/w)
Print resolution	2,400 x 3,600 dpi equiv. x 8 bit
Gradations	256 levels
SYSTEM SPECIFICATIONS	
Resolution	2,400 x 3,600 equiv. dpi x 8 bit
Paper weight	52–400 gsm
Duplex unit	Non-stack type; 52–400 gsm
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

FINISHING MODES (OPTIONAL)

Stapling; Auto-shift sorting and grouping; Punching (2 and 4 holes); Folding (z-fold; letter fold-in, letter fold-out, half fold, gate fold, double parallel fold); Post insertion; Booklet making with optional front trimming, creasing, slitting and spine corner forming; GBC punching; Plastic ring binding; Perfect binding; Interface for 3rd Party Finishing; Integrated Quality Care Unit; 4edge trimming, Postcard, Business Card and Banner cutting

CONTROLLER SPECIFICATIONS

Fiery® Image Controller IC-3	19
CPU	Intel® Xeon 4214, 2.2 GHz
RAM	32 GB
HDD	4,5 TB (incl. SSD Boot-Drive)
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5.5; PDF/VT-1/-2 v3; PDF/ X1a,3,4; PPML v3.0; PCL; Creo VPS

Fiery® Image Controller IC-318

Architecture	External
OS	Windows 10
CPU	Intel i7-8700, 3,2 GHz
RAM	16 GB
HDD	1 TB (incl. SSD Boot-Drive)
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5.5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS

Creo Controller IC-316

Architecture	External
OS	Windows 10
СРИ	Intel i7-8700, 3.2 GHz
RAM	20 GB
HDD	8TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v4.9; PDF/VT-1/-2; PDF/X1a,3,4; PPML v2.2; Creo VPS; AFP, IPDS; JPEG; TIFF (v6,1bit)

Konica Minolta Image Controller IC-609

Architecture	Internal
OS	Linux
СРИ	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

AccurioPress C7100/C7090

RECOMMENDED CONFIGURATIONS













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

HIGHEST RELIABILITY

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

HIGH-END PRINT CONTROL

- Fiery[®], CREO[®] and Konica Minolta controller Integration into hybrid workflows

EASE OF USE

- Simple paper catalogue settings
- Operator Replaceable Parts

SIMPLY EFFICIENT

- Automated engine linearisation
- Automated duplex registration
- Real-time adjustments

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

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching 6 different types of folding
- Large-capacity stacking
- Up to 5 creases downwards or upwards

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 gsm paper weight in simplex and
- Long sheet size of up to 1,300 mm (duplex up to 900 mm) Reliable thin paper feeding through air-assisted fusing separation
- Envelope printing

SOPHISTICATED MEDIA HANDLING

- Air-suction feeding technology
- Up to 15,140 sheets paper input capacity
- Up to 11 paper input trays Up to 2,300 sheets paper input for long sheets

REDEFINING CREATIVITY POSSIBILITIES IN PRODUCTION PRINT

AccurioPress C14010S/C12010S

INTELLIGENT AUTOMATION

- New Intelligent Media Sensor (IM-104/IM-105)
- Automatically detects paper characteristics before printing
- Integrated purge tray
- New Intelligent Quality Optimizer (IQ-601)
- Detection and inspection on the fly

LEAN EFFICIENCY

HIGH PERFORMANCE

AccurioPress C14010S

- Duty Cycle 2.5 million prints
- ◆ Up to 140 A4 pages per minute
- Up to 80 A3 pages per minute
- Five colour printing with White

AccurioPress C12010S

- Duty Cycle 2.2 million prints
- ⊕ Up to 120 A4 pages per minute
- ⊕ Up to 69 A3 pages per minute

op to 120 A4 pages per minute

HEAVY DUTY RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- Fusing-rolling mechanism
- Remote monitoring and diagnostics
- Responsive maintenance and repair



PERFECT IMAGE **QUALITY**

- **S.E.A.D.** X Image Processing
- ⊕ 2,400 x 3,600 equiv. dpi x 8bit
- Advanced colour reproduction at high speed
- Image density control
- White printing with C14010S and C12010S

SUSTAINABLE BY DESIGN

- Purge Tray Integration
- Simitri® V Toner offering gloss and matte finishes
- Lower fusing temperature

INLINE FINISHING

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- 100-sheet stapling with cutting mechanism
- 102-sheet auto ring binding

HIGH-END PRINT CONTROL

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

SOPHISTICATED MEDIA HANDLING

- Advanced media recognition and purging
- Vacuum feeding technology
- **•** Up to 14,140 sheets paper input capacity
- ⊕ Up to 10 paper input trays
- ⊕ Up to 2,300 sheets paper input for long sheets (up to 900 mm)

EASE OF USE

- Simple paper catalogue settings
- Operator replaceable parts
- Auto Inspection Technology
- Automated color calibration, profile and validation
- Intelligent Color Control



SET YOUR BUSINESS FREE WITH EFFORTLESS SIMPLICITY

The digital revolution continues; and in the outstanding development history of Production Printing products at Konica Minolta, the AccurioPress C14000 and C12000 are the masterpieces of the next generation. The flagship models distinguish themselves with unprecedented print quality, amazing media flexibility and the highest degree of automation. With their speed of up to 140 ppm (up to 120 ppm for the C12000), the AccurioPress C14000 and C12000 simply do the job, day after day – printing with consistency, reliability, ease and efficiency on a wide array of media.











TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS	
AccurioPress C14000	
A4 – max. per minute	140 ppm
A3 – max. per minute	80 ppm
A4 – max. per hour	7,981 pph
AccurioPress C12000	
A4 – max. per minute	120 ppm
A3 – max. per minute	69 ppm
A4 – max. per hour	6,832 pph
SYSTEM SPECIFICATIONS	
Resolution	2,400 x 3,600 equiv. dpi x 8 bit
Paper weight	52 – 450 gsm
Duplex unit	Non-stack type; 52 – 450 gsm
Paper sizes (max.)	330.2 x 487.7 mm 330.2 x 900 mm (max.duplex) 330.2 x 1,300 mm (max. simplex)
Paper input capacity	14,140 sheets
Main unit dimensions (W x D x H)	1,151 x 932 x 1,620 mm
Main unit weight	560 kg
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm
Main unit weight	319 kg; 312 kg (AccurioPress C3080P)

FINISHING MODES (OPTIONAL)

Stapling; Auto-shift sorting and grouping; Punching (2 and 4 holes); Folding (z-fold; letter fold-in, letter fold-out, half fold, gate fold, double parallel fold); Post insertion; Booklet making with optional front trimming, creasing, slitting and spine corner forming; GBC punching and binding; Plastic ring binding; Perfect binding; Interface for 3rd Party Finishing; Integrated Quality Care Unit; 4edge trimming, Postcard, Business Card and Banner cutting

CONTROLLER SPECIFICATIONS

FIERY® IMAGE CONTROLLER IC-319	
Architecture	External
OS	Windows 10
СРИ	IntelR Xeon 4214, 2.2 GHz
RAM std	32 GB
HDD	4,5 TB (incl. SSD Boot-Drive)
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5.5; PDF/VT-1/-2 v3; PDF/X1a 3 4: PPML v3 0: PCL: Crea VPS

FIERY® IMAGE CONTROLLER

Architecture	External
OS	Windows 10
CPU	Intel i7-8700, 3.2 GHz
RAM std	16 GB
HDD	1 TB (incl SSD Boot-Drive)
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5.5; PDF/VT-1/-2 v3; PDF/X1a,3.4; PPML v3.0; PCL; Creo VPS

CREO IMAGE CONTROLLER

Architecture	External
OS	Windows 10
CPU	Intel i7-8700, 3.2 GHz
RAM std	20 GB
HDD	8 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v4.9; PDF/VT-1/-2; PDF/X1a,3,4; PPML v2.2: Creo VPS: AFP, IPDS: IPEG: TIFF (v6.1bit)

KONICA MINOLTA IMAGE CONTROLLER

Architecture	Internal
OS	Linux
CPU	Intel Core i7-6700
Clock speed	3.4 GHz
RAM std	16 GB
HDD	3 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v4.6; PDF-VT; TIFF (v6); PPML v2.2; PCL 5c/X

AccurioPress C14000/C12000

RECOMMENDED CONFIGURATIONS





DURABLE PERFORMANCE

AccurioPress C14000

- Duty cycle of 2.5 million prints
- Up to 140 A4 pages per minute Up to 80 A3 pages per minute

AccurioPress C12000

- Up to 120 A4 pages per minute
 Up to 69 A3 pages per minute

HIGHEST RELIABILITY

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

HIGH-END PRINT CONTROL

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

EASE OF USE

- Operator Replaceable Parts
- Auto Inspection Technology

SOPHISTICATED MEDIA HANDLING

- Air-suction feeding technology Up to 14,140 sheets paper input capacity
- Up to 10 paper input trays
- Up to 2,300 sheets paper input for long sheets

SIMPLY EFFICIENT

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

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making* with front trimcorner forming
- Perfect binding for books of up to 30 mm 100-sheet stapling with cutting mechanism
- postcard cutting
 Full bleed banners, A3 and A4 posters

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- 3rd-party products
- Large-capacity stacking

COMPREHENSIVE MEDIA PROCESSING

- Up to 450 gsm paper weight in simplex
- (duplex up to 900 mm)

- Up to 5 creases downwards or upwards Reliable thin paper feeding through air-assisted
- **Envelope printing**
- Embossed paper support

PERFECT IMAGE QUALITY

- Image density control technology

CREATIVE TOUCH TO A WIDE RANGE OF APPLICATIONS

Don't limit yourself to beautifully printed jobs any longer – it's time to offer your customers more value and creativity! The AccurioShine 3600 turns printed jobs into spectacular and

irresistible print products that will immediately catch the attention of your customers. With the AccurioShine 3600 + iFoilOne, you will find it easy to spot coat digital prints, highlight defined areas, or add 3D effects – all of which enables you to offer attractive print products that are more vivid and tactile. The combination with the inline hotfoiling module iFoilOne adds a glamorous touch to your print products.









TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS - A	CCURIOSHINE 3600 + iFoil ONE
Printing technology	MGI's exclusive inkjet engine technology; Drop-on-Demand (DoD) technology; Piezoelectric printheads, developed and manufactured by Konica Minolta; Single pass printing; Flexible & scalable printing architecture
Coating thicknesses	Depending on your file, the inks used and the type of surface of your sheet, the coating thickness can vary. On laminated and aqueous coating: 21µm-116 µm for 3D raised effects and tactile finish.
Production speed	In 2D/flat mode: Up to 2,077 A3 sheets per hour (with 21 µm) In 3D/raised mode: Up to 1,468 A3 sheets per hour (with 43 µm) Up to 547 A3 sheets per hour (with 116 micron)
Registration	SmartScanner coupled with Artificial Intelligence (AIS) for fully automated real-time. No crop marks required.
Formats	Min. 210 x 297mm Max. 364 x 750mm Max. Printable Width 352mm
Substrate thickness	Min: 135 gsm and not less than 150 µm or 6 mil before printing & lamination; Max: 450 gsm and not more than 450 µm or 18 mil before printing & lamination; Motorized height-adjustment print heads
Substrates **	Printing on most matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other coated materials.
Varnish on toner	Spot Varnish coat directly onto most digital prints with no lamination or coating required.
UV coatings and capacity	3D varnish delivered with a 10-litre tank capacity
High capacity automatic feeder	Feeder able to handle a paper pile of up to 30 cm; 2,500 sheets at 135 gsm
High pile output stacker	Stacker able to handle a paper pile of up to 30 cm; 2,500 sheets at 135 gsm
Paper path	100% flat paper path; Vacuum feed system; Air feed system; Automatic double sheet detection; In-line LED dryer; "On-the-fly" drying & curing via integrated LED; Spot-coated sheets can be immediately finished or handled, no additional drying time required

Front end system	Dedicated PC; CPU + touch-screen + keyboard/mouse; Ethernet connection 10/100/1000 BT (RJ 45); Built-in Application Software Suite; Comprehensive job queue management; Predictive printing cost calculator (coating consumption); Dedicated image editor to do local and fast image editing prior to production
Maintenance & remote technical support	Daily maintenance completed in less than 10 minutes; Majority of procedures are automated; Automatic cleaning system; From cold start to production in less than 10 minutes; Remote troubleshooting & support via included video/web camera (high speed internet connection required)
Operator panel	Integrated user-friendly LCD touch-screen
Options	Variable data option: Complete system including RIP, barcode reader and MGI software to automate the association between a pre-printed barcode and its specific spot-coating file
Additional option	Corona One for AS3600 with an optional Ozone Filter Cabinet in order to increase the quality of varnish on digital prints
Dimensions (LxWxH)	4.26 (5.47*) x 1.14 x 1.80 m (with the longest paper extensions installed) 1 metre clearance required on all 4 sides
Weight	± 1,100 kg
Electrical requirements	7.5 kW (32 A) at 220–240 V; 2 plug CEE/IP44 32A (1P+N+E)
Operating conditions	Temperature: 18 to 30°C Relative humidity: between 35 – 55% (no condensation)
Respects the environment	Eliminates resource waste (wasted electricity, paper and varnish); No plates (offset) or screens (screen printing); No cleanup or preparation between jobs; Drastic reduction in amount of consumables and use of bulk packaging; Coating without volatile solvent.

The default sheet format is A3, unless otherwise stated

1) with an additional option installed

3) confirm substrate/toner compability with KM
** The used substrate needs to be either coated or laminated.

Otherwise, the substrate absorbs the varnish, and the desired effect might not be achieved

speed will vary according to printing parameter used

Accurio Shine 3600 iFoil*One*

PRODUCT SPECIFICATIONS - iFoil ONE

Formats	Min.: 21 x 29.7 cm
	Max.: 36.4 x 75 cm
	When using the latest upgrade kit Exit Motor Roller V4
Supported varnish thickness	Min: 36 µm
	Max: 116 μm
Substrates types	- Coated paper (best)
	 Matte or gloss laminated surfaces
	- Surfaces with or without aqueous coating
	 Surfaces with or without lamination film
	- Layered paper
Average foiling speed	30 meter per minute
Number of areas per sheet	Up to 3 stamp areas per SRA3 sheet
	Up to 5 stamp areas per 75 cm sheet (minimum separation
	distance 10 cm)
Foil specifications	- Standard foil core: 1 inch (braking system)
	- Foil length: Max. 400 m (do not exceed)
	- Foil width (roll width): Min. & Max. 320 mm



ECO-FRIENDLY IN-LINE LED DRYER

- On-the-fly drying & curing with integrated LEDs
- Ozone-free and without heat thanks to LED technology

KONICA MINOLTA PRINT HEADS

- Exclusive MGI inkjet technology
 With genuine Konica Minolta piezoelectronic

SOFTWARE SUITE INCLUDED

- Image editor

AIS Scanner

- For on-the-fly coating registration from sheet
- For on-the-fly paper skew, shift, contraction and stretch adjustment

DIGITAL ADVANTAGES

- Ideal for lucrative short and medium print runs
- Fast make-ready
- Wide range of substrates possible

VARIABLE VARNISH THICKNESS

- Can be adapted to individual customer needs

ENVIRONMENTALLY FRIENDLY

- No material waste between jobs Reduced paper, varnish and electrical consumption

HIGH PRODUCTIVITY WITH SINGLE **PASS COATING**

- Up to 2,077 A3 sheets/hour with varnish thickness of 21 µm (2D/flat mode)
- Up to 547 A3 sheets/hour with varnish thickness of 116 µm (3D mode)

VARIABLE DATA OPTION

- Barcode reader option available For Variable Data Printing
- For spot UV coating without manual intervention

VARIABLE DATA FOILING

- Short set-up time of jobs
- High flexibility
- On digital and offset prints
- Fast make-ready
- Exclusive look and feel

BRILLIANT FOIL EFFECTS ON DIGITAL AND OFFSET JOBS

If you are looking into differentiating and upgrading your services, and working in a B1 format workflow, go for the MGI JETvarnish 3D Evolution as the ideal solution for digital and offset print providers. Turn plain printed jobs into remarkable and appealing prints by spot coating digital and offset prints, highlighting defined areas, or adding tactile 3D effects with our digital spot UV coating device MGI JETvarnish 3D Evolution. By combining it with the inline hot-foiling module, you'll achieve an even more glamorous finish.



Operator panel







TECHNICAL SPECIFICATIONS

Printing technology	Exclusive MGI inkjet engine technology
	Drop-on-Demand (DoD) inkjet application
	Piezoelectric print heads in single pass printing
Coating thickness	Depending on the print file and substrate used, the coating thicknes
	can vary from a traditional flat spot UV coating of 3** μm up to 232
	μm for 3D raised texture effects and a tactile finish.
Production speed	Up to 3,123 ISO B2 sheets per hour in all versions
	The version Evo 75 can reach up to 4,200* ISO B2 sheets per hour (in landscape) and up to 2,291 ISO B1 sheets per hour
Registration	SmartScanner coupled with Artificial Intelligence (AIS) for real-time
• • • • • • • • • • • • • • • • • • • •	fully automated sheet-to-sheet registration process
	No crop marks required
Formats	Min: 42 x 29.7 cm; Max: 75 x 120 cm
Printable areas	Max: 54 cm or 73 cm
Substrate thickness	Min: 135 gsm and not less than 150 μm before printing & lamination
	Max: 800 gsm and not more than 800 μm before printing
	and lamination
Substrates	Enhancement on most** matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other
	coated materials. The used substrate needs to be either coated or
	laminated. Otherwise the media will absorb the varnish and the
	desired effect might be lost
Varnish on toner	Spot 3D coat directly onto most** digital prints
UV coatings and capacity	1 coating tank for both 2D & 3D applications
	One high capacity tank of 18 litres
	"On-the-fly" tank changeover possible during production without
	any interruption and no waste
Automatic feeder	High capacity feeder for paper stacks of up to 60 cm height for 75x120 cm sheets
	Approximately 4,000 sheets at 135 gsm
Pallet stacker	Supports sheets of up to 75 x 120 cm size on pallet packaging
Paper path	100% flat paper path
- apor paul	Vacuum feed system
	Air feed system
	Automatic double sheet detection
Front end system	Intuitive touchscreen software management suite controlled by
	a 27" monitor
	Job cost calculator, image editor, queue manager and reprint, camera and print head settings and reprint, dedicated controller for
	equipment settings and technical data
	Ethernet connection 10/100/1000 BT in RJ 45
In-line UV dryer	"On-the-fly" drying & curing via integrated UV lamps
Maintenance &	Automated inkjet head cleaning and wiping
remote technical support	Daily maintenance completed in less than 10 min
	Mainly automated procedures
	From cold start to production in less than 15 min
	Remote troubleshooting & support via included web video camera
	(high-speed internet connection required)

Integrated user-friendly LCD touchscreen

PRODUCT SPECIFICATIONS - IFOIL - L

Production speed	Up to 2,300 B2 landscape sheets per hour
Formats	Up to 75 x 120 cm
Hot foil stamping area	Max: 74 x 119 cm
Substrate thickness	Min: 150 µm
	Max: 600 μm (standard), 800 μm (optional)
Foil rolls	Max. roll diameter and length: approx. 30 cm and from 400 to
	2,000 meters of film
	Up to 5 simultaneous film rolls on the same axis (with a minimum of
	10 cm per roll)
	2 cores available Change for: 1 inch as standard and 3 inches as option
Dry air	Requires air without oil at 6 bar (87 psi) & 24 m3/h (14 cfm)

PRODUCT SPECIFICATIONS - MGI JETvarnish 3D Evolution + IFOIL-L

Up to 12.72 x 1.86 x 1.84 m (Evo 75 full options) Approx. 4,524 kg 40 kW (63 A) at 400 Volts - 50/60 Hz + 20 kW (32 A) at 400 Volts - 50/60 Hz 18 to 30°C Between 30% and 50% (no condensation)
40 kW (63 A) at 400 Volts - 50/60 Hz + 20 kW (32 A) at 400 Volts - 50/60 Hz 50/60 Hz 18 to 30°C
50/60 Hz 18 to 30°C
Between 30% and 50% (no condensation)
In-line system to optimise varnish adhesion on complex printed substrates
Full variable data (text, graphics, images) for both 2D/3D spot coating and hot foiling areas Integrated barcode (1D/2D) reader system & controller

^{*} With the 75cm/Evo kit.

^{*} Confirm substrate/toner/metallic film compatibility with MGI. ¹ Requires substrate of more than 42 cm width.

² Requires paper above 250 gsm/250 μm.





VARNISH AND IN-LINE HOT-FOIL STAMPING

- combined with an inline hot-foiling solution
- For quick and easy production of foil stamping jobs
- For digital and variable varnish and foil embellishments
- productions

INNOVATIVE SOFTWARE SUITE

- editor and reprint utility Cost calculator for varnish consumption and cost calculation
- Spot varnish editor is a graphical tool that allows editing files directly at the workstation

REVOLUTIONARY AIS SMART SCANNER REGISTRATION SYSTEM

- Eliminates more than 80% of the setup time spent

TACTILE AND EMBOSSING EFFECTS

- Multiple colour foil effect
- Variable data foiling (VDF) with 2D/3D effect Foil over foil effect

NEW PALLET STACKER

- For easy pallet unloadingFor simple production workflows

EXPANDABLE INKJET SYSTEM FORMAT

- Availability in two different widths that can be

EASE OF USE

- press, but you will quickly understand how the
- When using compatible media and foil, all operators need to do is set the appropriate speed and temperature

HIGH PRODUCTION SPEED AND PERFECT VARNISH OUALITY

- Up to 3,123 ISO B2 sheets per hourPrint speed can be increased to 4,200 ISO

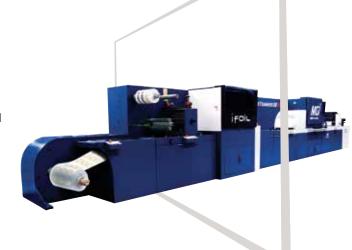
ECO FRIENDLINESS

- Automatic inkjet head cleaning system avoids manual cleaning between jobs

- Less waste

PERFECT DEVICE FOR HIGH ADDED VALUE AND DIFFERENTIATION

The MGI JETvarnish 3D Web is the ideal solution for label printers as well as flexible packaging producers, who intend to differentiate their services by going digital. The web-solution turns printed jobs into remarkable products that will immediately catch the attention of your customers. The growing label and flexible packaging markets are expecting higher flexibility, shorter run lengths, faster delivery times and personalisation. With the JETvarnish 3D Web it is easy to highlight defined areas or add tactile 3D effects to digital, flexo or offset jobs. In combination with the inline hot foiling module it is the perfect device to achieve high added value and differentiation.







TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS	
Printing speeds	Up to 42m/min (depending on application).
Supported web widths	From 100 mm up to 420 mm
Finishing width	The maximum image width is 405 mm
Substrate types ²	From 50 up to 400 microns (µm) Coated, uncoated and textured paper, film or label Self-adhesive labels White or transparent synthetics, PP, PE, POPP, PET Light cardboard/folding carton Shrink film: PVC, PETG
Wide compatibility	Compatible with the overall web-to-web printing technologies, narrow web digital presses and the traditional offset or flexo narrow web presses.
Unwinder	Maximum roll diameter capacity: 850 mm Standard inside core diameter: 3 inches Maximum roll weight: ±120 kg
UV Flexo Station	An integrated flexo station for full size sleeve coating in rotary. This station is used to apply a UV protection varnish or primer prior to finishing. The module comes with an UV dryer. The station is equipped with an anilox cylinder. Additional anilox cylinders are available as upgrade options.
Spot UV Coating and Embossing Station	This station uses MGI award-winning inkjet technology for producing Spot UV Coating. Any defined label area can receive Spot UV Coating with or without raised 3D texture effects. A simple grey level TIFF file designed by prepress controls the surface area and the thickness of the varnish applied over the printed roll. This 100 % digital process eliminates traditional plates, screens and dies.
Varnish thickness	From 7 to 232 µm of varnish thickness (from 2D flat coats to 3D raised effects).
Inline curing	The unit is equipped with an UV dryer and a cooling drum for opti- mum web temperature control. The curing sequence also includes a special forward and backward roll motion to dry each label and eliminate waste between runs.
UV varnish	Gloss varnish 99 GU
Hot Foiling Station	The hot foiling station adds luxurious effects and brand value to label and packaging products. Any defined label area can receive digitally-controlled foil with or without raised effects. A simple grey level TIF file designed by prepress controls the surface area and the definition of the foil applied on the printed roll. This 100% digital process eliminates traditional dies, plates and screens. Foil application can be bypassed when not necessary.

Foil rolls	Foils are delivered on rolls: Foil widths from 100 mm up to 420 mm Foil roll core diameter: 1" and 3" Foil lengths from 400 m up to 2,000 m Up to 3 rolls can be used simultaneously during the production
Die cutting unit	A semi-rotary die cutting unit is available as an option to finish labels in-line on the JETvarnish 3D Web. The unit uses a 21" magnetic cylinder and an automatic registering system. 2 slitter knives are included as well as a matrix rewinder. Format in semi-rotary: 100 up to 480 mm Maximum matrix diameter: 600 mm 2 slitter knives as standard: 10 max Gap master system for die height adjustment as an option.
Rewinder	Servo-motorized unit 850 mm maximum roll diameter capacity Standard inside core diameter: 3 inches Maximum roll weight: ± 120 kg
Printing press compatibility list	Digital: Konica Minolta AccurioLabel, HP Indigo WS4500, HP Indigo, WS6800, Epson, Xeikon, EFI, Durst, etc. Offset: All manufacturers and technologies: UV, H ₂ O or WATERLESS Flexo: All manufacturers and technologies: UV or Water based
Dimensions & weight	Up to 11.85 x 1.58 x 1.81 m (L x W x H) 1 metre clearance required on all 4 sides Weight: ± 4,447 kg ³
Technical requirements	400 V - 3Ph 240 V - 1Ph Dry air compressor (oil-free): 8 bar/102 psi - 24 m/h/6 cfm All speeds are nominal





IFOIL TECHNOLOGY

- For digital and variable 2D and 3D varnish and foil embellishments Added value for self-adhesive labels
- as well as flexible packaging Metallic, holographic and coloured foil from 100 up to 420 mm width can be used

MGI ARTIFICIAL INTELLIGENCE SMARTSCANNER (AIS)

- Varnish and hot-foil registration system Automatic skew, stretch contraction and shift
- adjustment on the fly Each sheet is scanned and automatically compared with the digital mask fill
- Reduced make ready time and waste

ROLL UNWINDER & REWINDER

- Web width from 100 mm up to 420 mm
- 3 inch diameter air shaft Reels up to 850 mm diameter

- Automatic tension adjustment Web guide for ±15 mm lateral correction
- Splicing table

FULL ROTARY FLEXO UV STATION

- For full varnishing and primingMakes UV varnish and hot foiling finishing possible on a high variety of substrates (including

DIE CUTTING UNIT

- Optional semi rotary die cutting unit to finish
- Gap master system as an option

WIDE COMPATIBILITY

- The JETvarnish 3D Web is compatible with digital, flexo and offset web-to-web printing technoloflexible packaging
- Applies spot UV varnish and hot-foil on coated & uncoated materials, synthetics, paper as well as light cardboard (e.g. beverage, cosmetics & healthcare, label, wine, etc.)

EASE OF USE

- 3D Web is not a push button press, you will quickly understand how the device works, as it is relatively easy to use
- There is less "make-ready" or other special

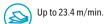
HIGH PRODUCTION SPEED AND **PERFECT VARNISH QUALITY**

- For tactile and embossing effect from 7 to 232 microns (µm)

PROFITABLE LABEL PRODUCTION IN SMALL BATCHES

Label converters and commercial printers face an increasing number of print jobs for small to medium editions, which they are expected to produce in ever-shorter processing times. With conventional flexo and offset printing, it is hardly possible to produce such orders profitably. Meanwhile though, they can be processed easily and efficiently thanks to the flexibility of digital printing.







TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS	
Resolution	1,200 x 1,200 dpi x 8 bit
	1,200 x 3,600 dpi equivalent
Max. paper width	330 mm
Max. print image size	1195 x 320 mm
Printing image width	Max. 320 mm
Feeding speed (printing speed)	23.4 m/min., 18.9 m/min., 13.5 m/min., 9.45 m/min.
	Speed depends on the paper type
System dimensions (W x D x H)	3,869 x 1,138 x 1,480 mm
Unit weight	947 kg
Web control	Integrated web guide system (BST) on unwinder and rewinder
Converting	Capability to connect selected finishing device

CONTROLLER

Internal Konica Minolta Controller IC-605B

OPTIONS

Web cleaning system; Air compressor (if no air supply available on site); Length slitting crush knives; Overprint sensor, Flexo printing unit

AccurioLabel 230



HIGH PRINTING SPEED

- Equipped with top level speed for best printing performance in its class Per-minute speeds of 23.4 m, 18.9 m, 13.5 m and
- reduction in setup time, enhancing the overall productivity

EASE OF USE

- inkjet printers, the AccurioLabel 230 ensures ease
- Tasks that are time-consuming on analogue ma-
- chines are easily performed on this digital press. The ability to perform operations simply by following on-screen instructions, makes it possible to operate the machine with little time needed for training
- Frees operators for other jobs

OFFSET-LIKE QUALITY

- High-resolution of 1,200 dpi produces a
- high-precision finish Colours are processed at a resolution of 1,200 dpi x 8 bit with 256 gradations
- gradations

STABLE COLOUR CONSISTENCY

- Image density control technology
- Advanced colour management tools Simitri® HD E toner technology

HIGH MEDIA COMPATIBILITY AND **TENSION CONTROL**

- Equipped with newly developed digital toner to further improve image quality
 The 3-dimensional hybrid structure that
- incorporates functional polymers provides high performance for all media types No pre-coating of media is required An integrated web guide system on both winders allows perfect control of the media
- feeding process



SEE THE POTENTIAL OF OUR NEXT GENERATION LABEL PRESS

Nowadays, commercial printers are expected to deliver their orders within ever-shorter deadlines. In particular label converters usually deal with high numbers of small to medium print jobs that are difficult to produce profitably with conventional flexo and offset printing. With its amazing flexibility, digital production provides viable and efficient solutions to this dilemma – and the AccurioLabel 400 is Konica Minolta's latest innovation in this field.







3131EW 31 ECH TOATTONS	
Technology	Dry Toner Electrophotography
Colour	CMYK, white (optional)
Resolution	Main scan: 1,200 dpi (3,600 dpi equivalent) Sub scan: 2,400 dpi (8 bit)
Tone scale	256 steps (8 bit), 16,700,000 colours
Paper widths	330 mm fixed (standard), 250 to 330 mm selectable (replacement of certain parts necessary)
Max. printed image width (length)	320 mm (1,294 mm)
Media thickness (weight)	76 to 270 μm (62 to 256 g/sqm)
Supported substrates	Paper, PP, PET (tack or non-tack, incl. textured paper, film etc.)
Printing speed	39.9 m/min. (CMYK), down to 20 m/min. (CMYK+W), 39.9, 34.2, 30, 20, 15 m/min. depending on media types
Machine dimensions (W x D x H)	7,500 x 1,230 x 1,620 mm
Machine footprint (W x D)	9,700 x 3,200 mm (incl. operating space)
Machine weight	1,800 kg
Web control	Integrated web guide system (BST) on infeed section and rewinder
Max. roll diameter	800 mm (unwinder and rewinder)
Shaft diameter	3 inches (76 mm)

CONTROLLER

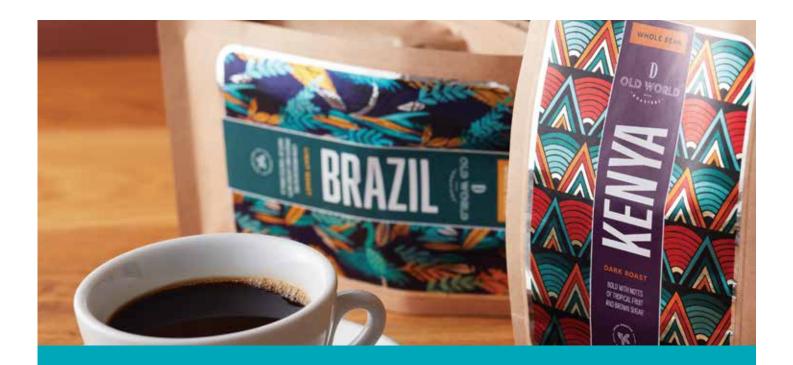
Konica Minolta Controller	IC-611
Kodak (Creo) Controller, optional	IC-320L

POWER & AIR SUPPLY

Print engine	3x 200-240 V, 25 A, 1-phase, 50-60 Hz
ICCU	1x 200-240 V, 3 A, 1-phase, 50-60 Hz
Winders	1x 200-240 V, 32 A, 1-phase 50-60 Hz (incl. 300 mA RCCB, Type A)
Compressed air	6 bar, min. 20 I/min., 8 mm tube diameter

- 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 actual life of each consumable will vary depending on use and other printing variables including coverage, size, media type, ambient temperature and humidity.
- Specifications are subject to change without prior notice, please refer to technical documentation for site inspection.
- Konica Minolta does not warrant that any 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.

AccurioLabel 400



HIGH PRODUCTIVITY

Printing speed

- Maximum print speed of AccurioLabel 400 is 39.9 metres per minute when printing in CMYK mode
- Print speed may also vary depending on selected media types (39.9, 34.2, 30, 20 or 15 metres per minute)

Higher run lengths

- Total length per job can be set to max. 3,000
- uninterrupted production

Selectable controller

- High productivity for VDP: IC-320L (Kodak Creo)

PRINT JOB VARIETY

New 5th colour station with white toner

- The capability of printing white enables you to cover a wider range of print applications
- High level of white opacity with one imaging hit

Overprinting

- AccurioLabel 400 comes standard with overprint sensor kit Registration of print jobs to
- pre-printed media is now possible whenever needed

EASE OF USE

AccurioPro Flux with Label Impose

- PDF-based workflow tool Combine and impose label jobs with Flux Label Impose, using templates (ideal for changing print
- Adding eye-marks, arranging artwork, gang-up
- lines through a single intuitive user interface Easily apply variable data printing (VDP) functio-nalities with just a few mouse clicks

Intuitive touch panels

- touch screens for unwinder and rewinder
 A tablet can be used instead of the main touch

OUTSTANDING QUALITY

Resolution on a par with offset

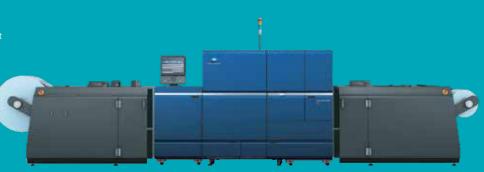
equivalent) x 2,400 dpi produces a high-precision print image

Intelligent Quality Care

- Automatic density adjustment

HIGH MEDIA COMPATIBILITY

- No precoating of media required
- No special "digital" media is required



ADVANCED INKJET TECHNOLOGY THAT IS THE REALITY TODAY

Increase your scope to say yes to new customers and more profitable work. LED UV ink using Dot Freeze Technology™ broadens your application capabilities to print onto specialist media such as heavy textured, canvas, plastics and packaging carton stock for folding cartons – the 'swiss army knife' of printing technologies will allow you to multitask switching applications easily and efficiently without compromising on quality.







1,500 sheets per hour (duplex)

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS	
Туре	B2+ perfecting sheet-fed full colour UV inkjet digital press
Resolution	1,200 x 1,200 dpi
Ink	LED UV ink
Number of colours	4 (extended gamut CMYK)
Printing speeds	3,000 sheets/hour (simplex) 1,500 sheets/hour (perfected)
Max. printable area	575 x 735 mm (simplex) 575 x 730 mm (duplex)
Sheet thickness	0.06 to 0.6 mm (simplex) 0.06 to 0.45 mm (duplex)
Possible substrates	Uncoated, coated, art coated paper, coloured paper, metallic paper, transparency media, plastic media, canvas, stone paper
Data format	PDF Ver. 1.7, PDF/X 1a.3.4.5, PDF/VT-1, TIFF Ver.6 compliant, PPML Ver.2.2
Print mode	Rich Standard Economy (link saving mode)
Power source	3 phase 200 V 335 A (50Hz/60Hz)
Device dimension (W x D x H)	5,369 x 2,947 x 2,325 mm
Device weight	Main body: Approx. 8,100 kg Ancillary facillity: Approx. 2,000 kg

Accurio Jet 30000



DOT FREEZE TECHNOLOGY™

Allows to perfectly colour match jobs with repeatable results within a tolerance of ΔE 1.5. This patented process ensures ink can jet perfectly allowing jobs to be instantly moved to finishing saving time and money.

UNMATCHED PRODUCTIVITY

 Not only 3,000 sheets per hour, but no plate-making, perfecting, ease of operator maintenance, automatic self-cleaning make this system a real workhorse

UNPARALLELED MEDIA HANDLING

 Enhanced applications and productivity thanks to the traditional offset material handling system. Mechanical front and side lays combined with material grippers deliver best-in-class registration.

NEWLY ADOPTED TAPE INSERTER

- Automatically inserts tape between jobs to improve work efficiency of post-press operation.

PAPER HANDLING TECHNOLOGY IDENTICAL TO OFFSET PRINTING

 The AccurioJet 30000 series is fully equipped with an offset-equivalent transport mechanism including functions such as air blower, vacuum suction, dram suction, paper stretch suction and claw grip feeding to ensure stable paper transport and highly accurate registration.

WORLD'S 1ST FOGRA53 ACCREDITATION

- Konica Minolta has become the world's first press manufacturer and global solutions provider to achieve the 'robust' FOGRA53 profile certification. This award was made for Accuriojet 30000 series B2+Ut digital inkjet sheet-fed printer after an exhausting testing program. The machine's incredible stability, versatility and colour accuracy have all been recognised in the award.

STRATEGIC PARTNERSHIPS

 From job submission to tracking, Konica Minolta has a complete set of workflow solutions we have designed to suit the needs of your business. Additionally, we have tested, qualified and established strategic partnerships to provide you with best-in-class offerings in software, coatings, laminates, finishing equipment, network connectivity, digital asset management systems, substrate partners and more.

SUPPORTS HYBRID PRINTING

 The Accurrojet 30000 series is capable or outputting prints receiving files from general DFE (Digital Front End) or CTP workflow RIP and supports hybrid workflows where the user can freely choose between offset printing and digital printing as required.

AUTOMATIC DUPLEX PRINTING WITH NO DRYING TIME

 Capable of automatic duplex printing with no drying time. Elimination of waiting time contributes to reduced overall production time. And with capability of Auto duplex printing: 0.06 to 0.45 mm thickness

WIDER RANGE OF PRINT SERVICES

 Prints on a wider range of offset coated and uncoated substrates, and newly incorporates canvas, foiled carton stock, plastics and labels.

HIGH IMAGE QUALITY

 New high-definition print heads provide top image quality of 1200 dpi to create for example superb skin tone with less graininess and a natural-closs look.

UNRIVALLED UPTIME

 Trusted offset technology as its basis makes the Accuriojet 30000 series robust and reliable and keeps it constantly available for production at the highest level.

WELL EQUIPPED FOR PACKAGING MARKET

 The AccurioJet 30000 series is perfectly matched for the packaging market due to its versatility to print on a wide range of materials up to 0.6 mm.

OFFSET QUALITY IN A SINGLE PRODUCTION STEP

 Prints more jobs much faster, e.g. direct mailings in one production step instead of printing offset shells first, followed by black overprinting for the text.

GROWING DIGITAL PRINT MARKET

 In the face of shorter lead times and run lengths as well as increasing job numbers, AccurioJet 30000 series is the perfect choice for digital print production.

THE "SWISS ARMY KNIFE" OF PRESS TECHNOLOGY

 Combines a multitude of digital advantages with quality and speed on offset level for fastest production of sophisticated print products.



- All specifications refer to A4-size paper of 80 gsm 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.
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