



KONICA MINOLTA



PROFESSIONAL PRINTING PRODUCT RANGE

2024

Giving Shape to Ideas

INDEX



Production printing systems

B/W

AccurioPrint 2100	4
AccurioPress 7120/7136	6
AccurioPress 6272P	8

Colour

AccurioPrint C4065	10
AccurioPress C4080/C4070	12
AccurioPress C7100/C7090	14
AccurioPress C14000/C12000	16

Industrial printing

AccurioShine 3600	20
MGI JETvarnish 3D Evolution & iFOIL L	22
MGI JETvarnish 3D Web	24
AccurioLabel 230	26
AccurioLabel 400	28
AccurioJet KM-1e series	30

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

Konica Minolta controller

Type	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

AccurioPrint 2100

RECOMMENDED CONFIGURATIONS



DURABLE PERFORMANCE

- Up to 100 A4 pages per minute
- 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
- Booklet making of to 80 pages (20 sheets)
- 2- and 4 -hole punching
- 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

- Green procurement policy
- 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

- Proprietary Konica Minolta controller
- AccurioPro PrintManager for job management optimises the overall workflow

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Simitri® HD toner technology
- Image density control technology

EASE OF USE

- Simple paper catalogue settings
- Easy-to-follow on-screen instructions

SOPHISTICATED MEDIA HANDLING

- Colour dual scan
- Optional bypass tray
- Up to 9,000-sheet paper input capacity
- Up to 5 paper input trays

COMPREHENSIVE MEDIA PROCESSING

- Up to 300 gsm paper weight in simplex & duplex printing
- Mechanical decurling as standard
- Optional media sensor IM-101 estimates

Simitri HD
High Definition Polymerised Toner

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.



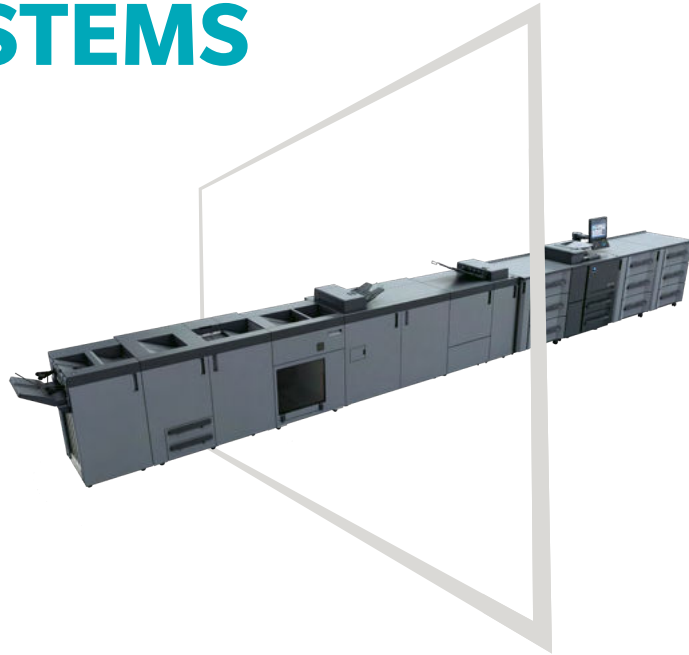
B/W



SRA3



Up to 7,940 A4 pages per hour



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

Type	Built-in type
CPU	Intel i5 6500 3.2 GHz
RAM	16 GB
HDD	1 TB x 2
Interface	Ethernet 10/100/1000BASE-T; USB 3.0 (for direct print, service) USB 2.0 (for local print)

MIC-4160 external EFI Fiery® controller

Type	External controller
CPU	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

Type	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)

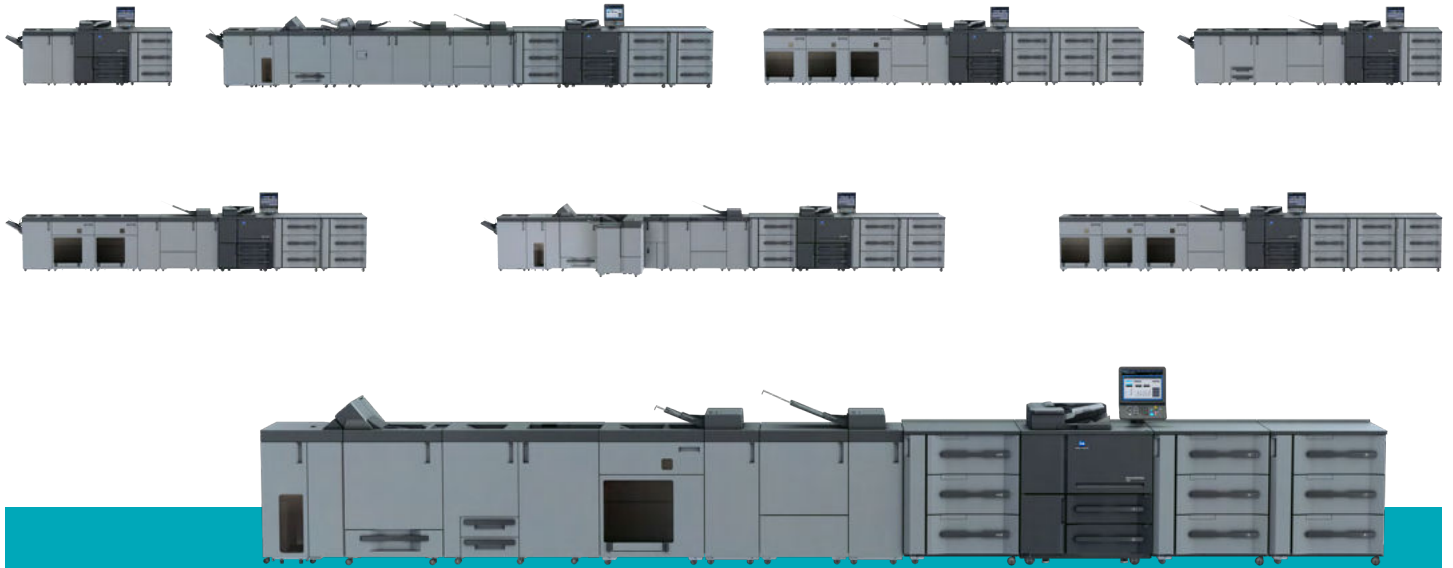
FINISHING MODES (OPTIONAL)

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
- Up to 4,274 SRA3 pages per hour

AccurioPress 7120

- Up to 120 A4 pages per minute
- Up to 66 SRA3 pages per minute
- Up to 7,034 A4 pages per hour
- Up to 3,846 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Optimum registration results via ICCU
- Belt transfer system
- For prints with maximum efficiency
- 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-101 to detect type and weight of the paper
- Unified user interface among Konica Minolta engines

SOPHISTICATED MEDIA HANDLING

- Air suction feeding technology
- Up to 18,000 sheets paper feeding from 11 trays
- Pre-set paper catalog

3RD PARTY FINISHING

- Max Binder MB-2000 - In-line hole punch with automatic plastic binder finisher
- Plockmatic SD 450/435 booklet maker with square fold
- GBC Punch G3 for heavy duty punching
- For higher flexibility
- For more sophisticated print products

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 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
- 2 Perforations in feed direction,
- 5 Perforations in Cross feed direction
- Up to 5 Creases downwards or upwards

COMPREHENSIVE MEDIA PROCESSING

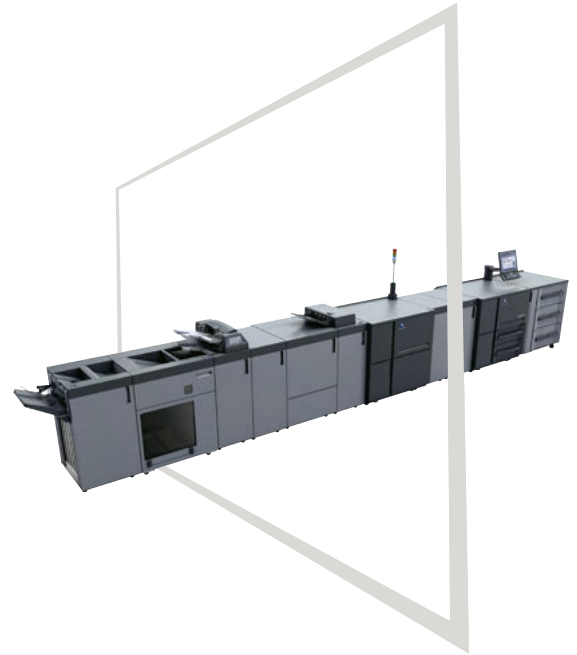
- Paper weights from 40 – 350 gsm in simplex and up to 300 gsm in duplex printing
- Optional heating units to support preprinted paper
- Envelop printing as standard
- Optional inter-cooler an eliminator

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Tone Curve Utility
- Simitri® HD toner technology
- eS.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.



B/W



SRA3



Ultimate performance



Up to 15,504 A4 images per hour

TECHNICAL SPECIFICATIONS

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

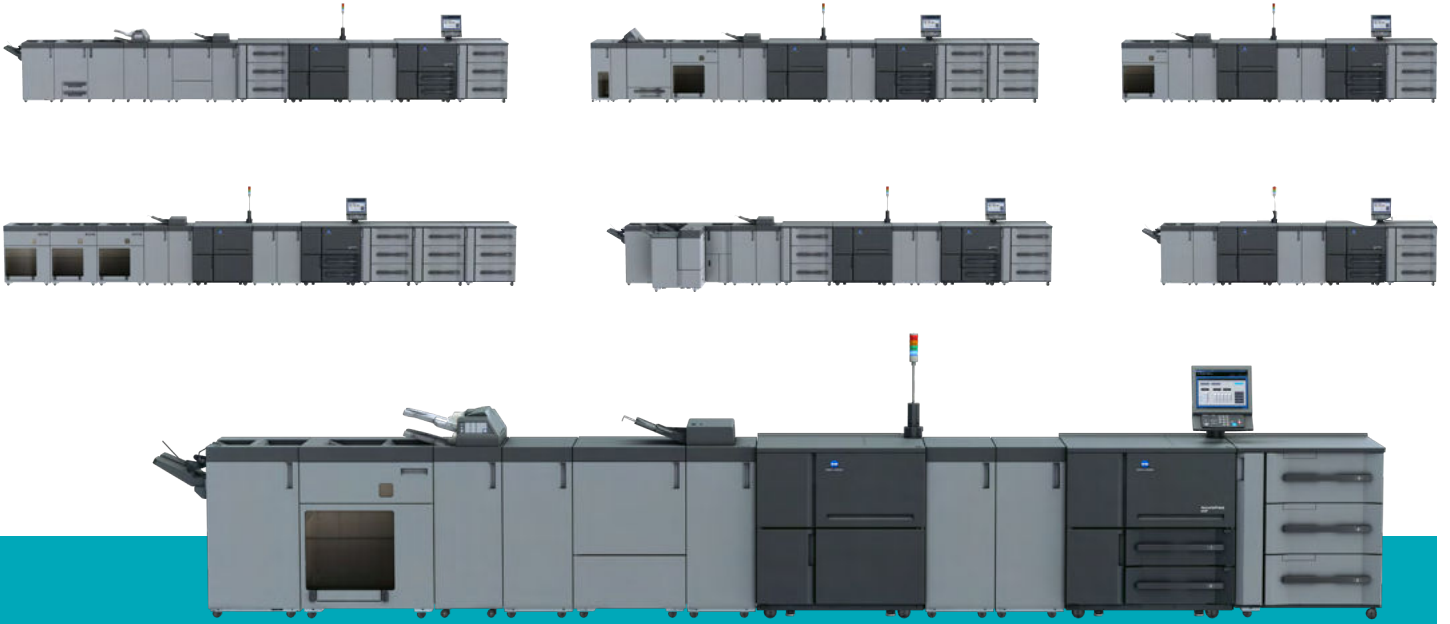
Konica Minolta controller

Type	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) TIF (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

AccurioPress 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 and consumables
- Independent front-to-back alignment/distortion adjustment function for accurate duplex registration
- Pass through mode for consistent print production

HIGH-END PRINT CONTROL

- Flexible choice of controllers
- Konica Minolta Inbuilt controller
- Fiery external controller
- CREO external controller
- Integration into hybrid workflows

EASE OF USE

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

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 18,000 sheets paper input capacity or 14,000-sheet paper input and 5,000-sheet post insertion
- Up to 11 paper input trays

FINISHED INLINE PRODUCTS

- 50-sheet booklet making with face trimming and optional creasing, slitting and square folding
- Perfect binding for books up to 30 mm
- 100-sheet stapling
- 100-sheet wire binding
- 102-sheet ring binding

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Large-capacity stacking, up to 18,000 sheets
- Creasing and perforating
- 3rd-party interface

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 gsm paper weight in simplex and duplex printing
- Skew detection system to prevent paper skew
- 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

DIGITAL PRINTING WITH ENTRY LEVEL FINISHING

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.

 Colour
  SRA3+
  Digital press
  Up to 3,579 A4 colour pages per hour



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

Konica Minolta Image Controller IC-607

Type	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

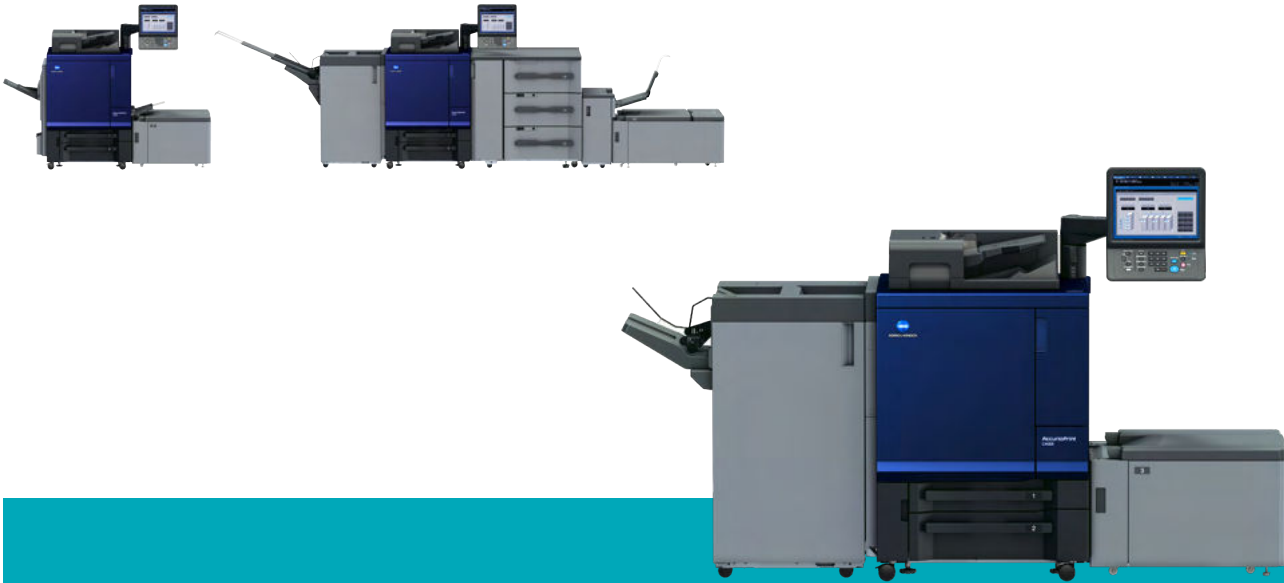
Type	Embedded controller
CPU	Intel® Pentium® Processor G5400, 3.3 GHz
RAM	8 GB
HDD	500 GB
Page-description languages	Adobe PostScript 3; native PDF print support V2.0; 183 Adobe PS fonts; APPE v5; PCL5/PCL6; Optimized PDF & PS; Fiery FreeForm Plus; Fiery FreeForm

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 minute
- Up 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)
- 2- and 4-hole punching
- Tri-folding of up to 3 sheets

ENHANCED SCANNING PERFORMANCE

- S.E.A.D. X technology and 3,600 x 2,400 dpi x 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 settings
- Operator Replaceable Unit Management
- Open API/IWS support

SOPHISTICATED MEDIA HANDLING

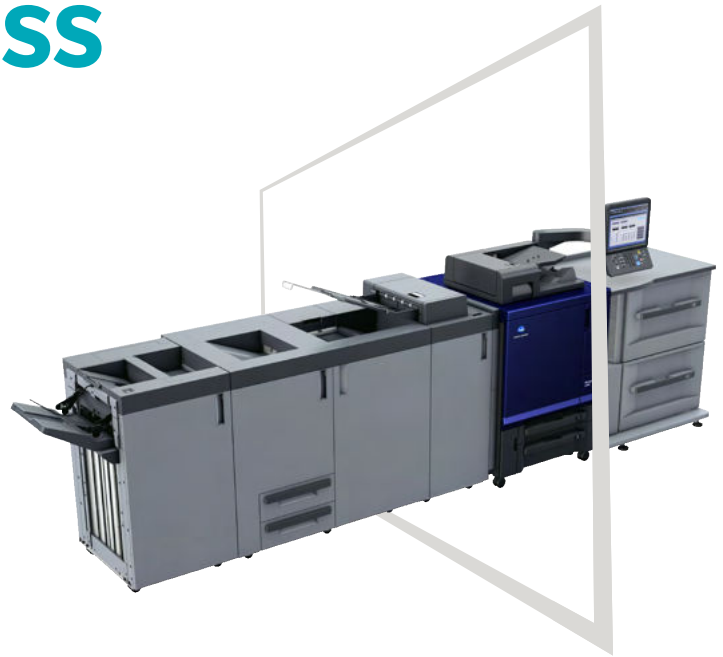
- Air suction or air-assisted paper feeding technology as an option
- Long-sheet printing of up to 1,300 mm (simplex), 864 mm (duplex)

COMPREHENSIVE MEDIA PROCESSING

- Up to 360 gsm paper weight in simplex and duplex
- Optional media sensor estimates paper weight and type
- Envelope print function as standard
- Support for embossed paper

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 Druckunterstützung 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
CPU	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

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; PDF 1.7, X-1a, X-3, X-4, VT2; PPML 2.2; PCL 5c; XL; PCL XL; JDF/JMF

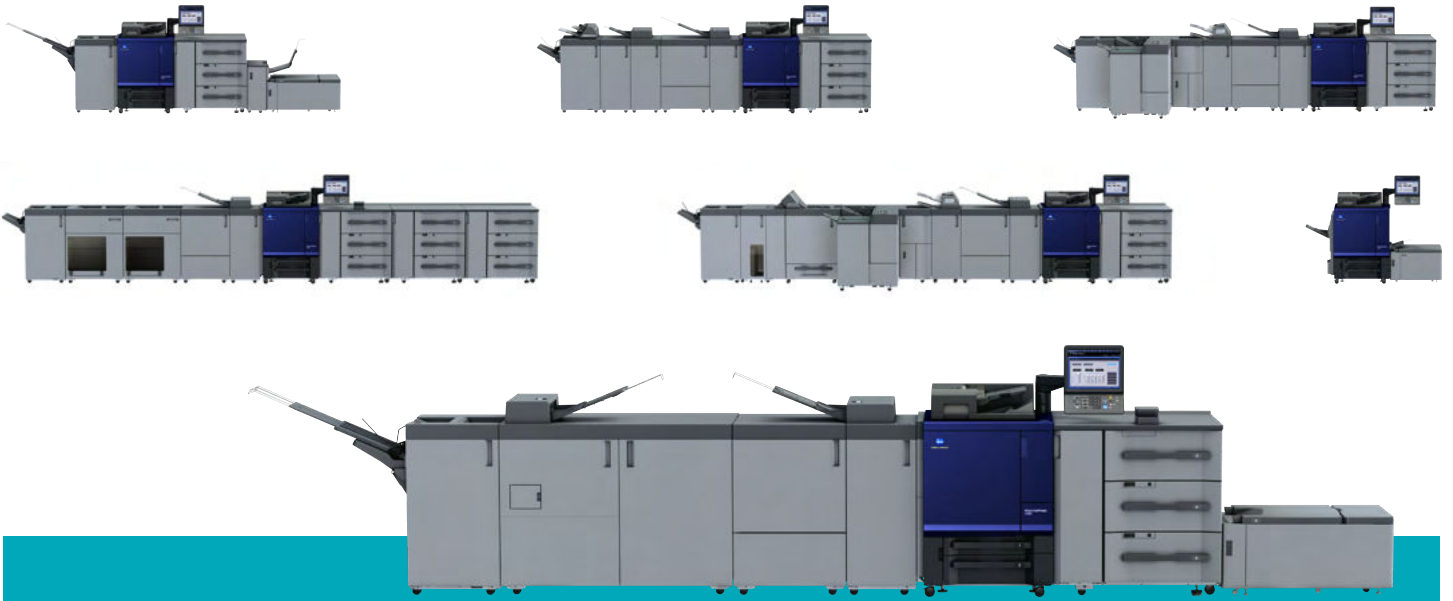
FINISHING MODES (OPTIONAL)

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 and optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- Automated inline business card and postcard cutting
- Full bleed banners, A3 and A4 posters

3RD PARTY FINISHING

- Plockmatic SD-450/SD-435 booklet maker
- GBC Punch G3 for multi punching
- Max MB-2000 for plastic binder books

SIMPLY EFFICIENT

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

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Accurate front to back registration
- 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
- Open API/IWS support

SOPHISTICATED MEDIA HANDLING

- Air suction or air-assisted paper feeding technology
- Up to 11 paper trays
- Long-sheet printing of up to 1,300 mm (simplex), 864 mm (duplex)

COMPREHENSIVE MEDIA PROCESSING

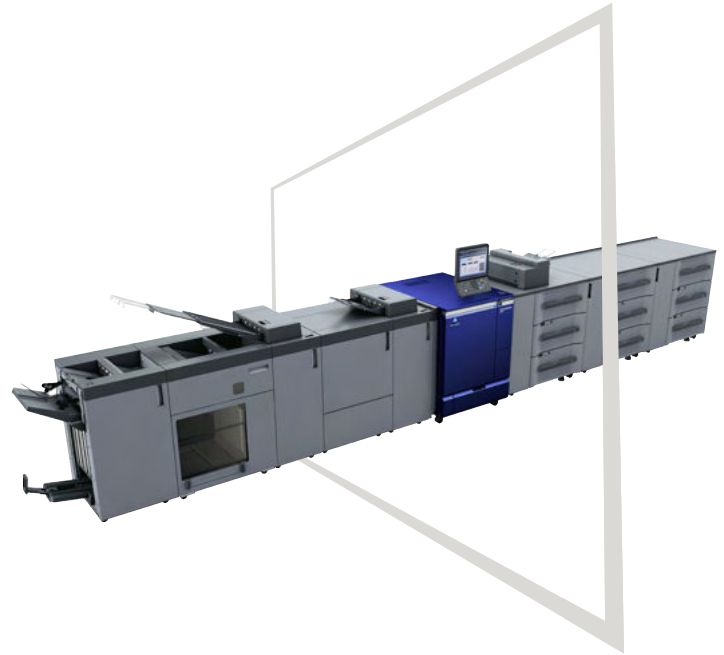
- Up to 360 gsm paper weight in simplex and duplex
- Optional media sensor estimates paper weight and type
- Envelope print function as standard
- Support for embossed paper

PERFECT IMAGE QUALITY

- S.E.A.D. V technology and 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 speed A3	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-319	
CPU	Intel® Xeon 4214, 2.2 GHz
RAM	32 GB
HDD	4.5 TB (incl. SSD Boot-Drive)
Page-description language	Adobe PostScript 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-318L

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 PostScript 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
CPU	Intel i7-8700, 3.2 GHz
RAM	20 GB
HDD	8 TB
Page-description language	Adobe PostScript 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)

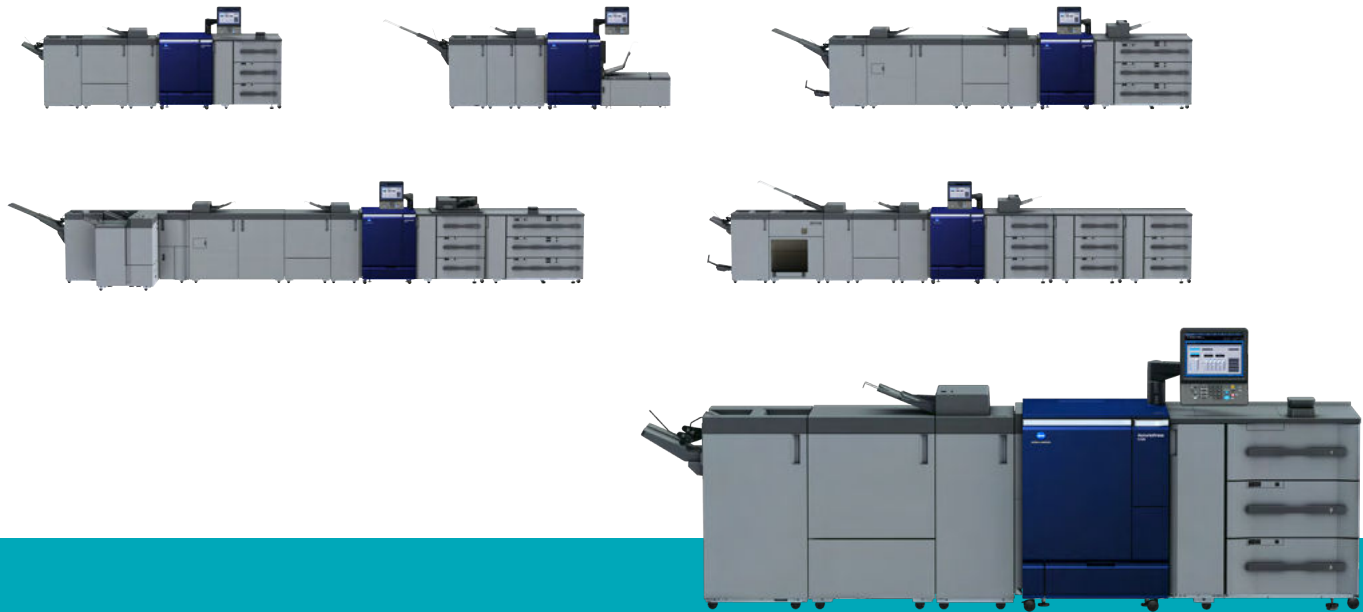
Konica Minolta Image Controller IC-609

Architecture	Internal
OS	Linux
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

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 and consumables
- Accurate front to back registration
- For prints with maximum efficiency
- For lucrative short-run printing

HIGH-END PRINT CONTROL

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

EASE OF USE

- Simple paper catalogue settings
- Operator Replaceable Parts
- Auto Inspection Technology

SIMPLY EFFICIENT

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

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
- 3rd-party products
- Large-capacity stacking
- 2 perforations in feed direction, 5 perforations in cross-feed direction
- 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 duplex printing
- 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
- Embossed paper support
- Optional inter-cooler curl eliminator

SOPHISTICATED MEDIA HANDLING

- Automatic media recognition
- 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 (up to 900 mm)

POWERFUL FEATURES FOR ENDLESS OPPORTUNITIES WITH THE AccurioPress C14000 SERIES

READY-MADE PRINT PRODUCTS

- 50 sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- Perfect binding for books up to 30 mm
- 100-sheet stapling with cutting mechanism
- 102-sheet auto ring binding
- Automated inline business card and postcard trimming
- Full bleed banners, A3 and A4 posters

DURABLE PERFORMANCE

AccurioPress C14000

- Up to 140 A4 pages per minute
- Up to 80 A3 pages per minute

AccurioPress C12000

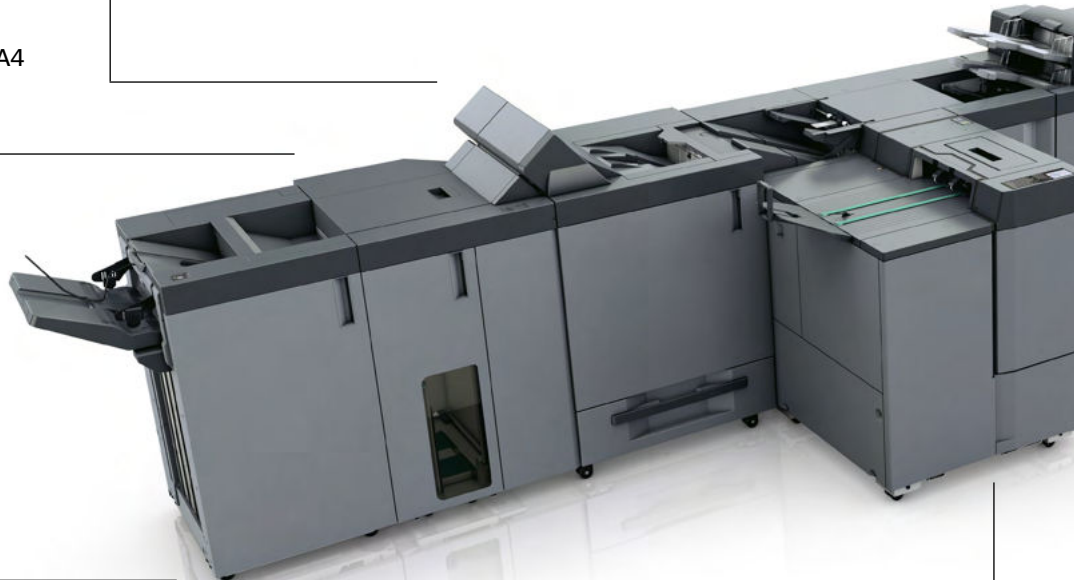
- Up to 120 A4 pages per minute
- Up to 69 A3 pages per minute

SUPER RELIABLE

- Heavy duty design with long engine life
- Robust platform, long-lasting parts and consumables
- Accurate front to back registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- Profitable, short-run printing

GEARED-UP

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



SIMPLY EFFICIENT

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

HIGH-END PRINT CONTROL

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

EASE OF USE

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

SOPHISTICATED MEDIA HANDLING

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

COMPREHENSIVE MEDIA PROCESSING

- Up to 450 gsm paper weight in simplex and duplex printing
- Long sheet capability - 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

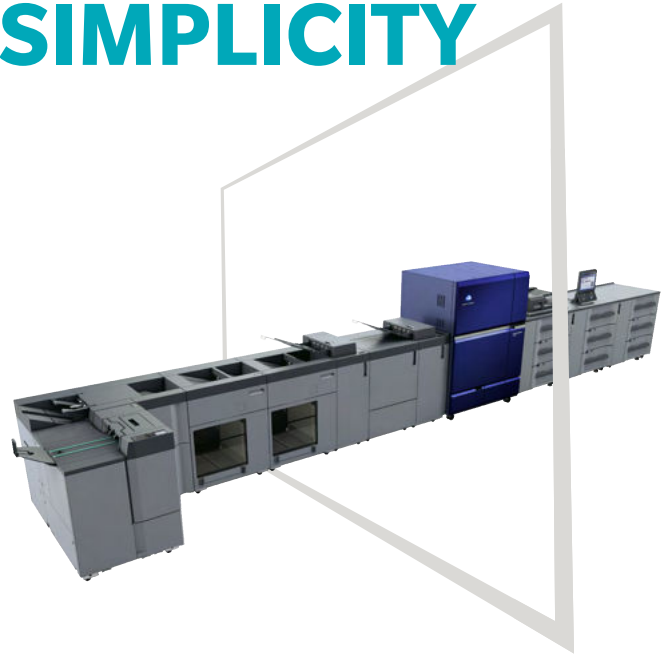
PERFECT IMAGE QUALITY

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



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
CPU	Intel® Xeon 4214, 2.2 GHz
RAM std	32 GB
HDD	4,5 TB (incl. SSD Boot-Drive)
Page-description language	Adobe PostScript 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

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 PostScript 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 PostScript 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

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 PostScript 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

- Duty cycle of 2.2 million prints
- Up to 120 A4 pages per minute
- Up to 69 A3 pages per minute

HIGHEST RELIABILITY

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

- Simple paper catalogue settings
- Operator Replaceable Parts
- Auto Inspection Technology

SOPHISTICATED MEDIA HANDLING

- Automatic media recognition
- 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 (up to 900mm)

SIMPLY EFFICIENT

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

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
- 3rd-party products
- Large-capacity stacking

COMPREHENSIVE MEDIA PROCESSING

- Up to 450 gsm paper weight in simplex and duplex printing
- Long sheet size of up to 1,300 mm (duplex up to 900 mm)
- 2 perforations in feed direction, 5 perforations in cross-feed direction
- Up to 5 creases downwards or upwards
- Reliable thin paper feeding through air-assisted fusing separation
- Envelope printing
- Embossed paper support
- Optional inter-cooler curl eliminator

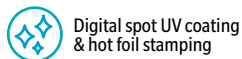
PERFECT IMAGE QUALITY

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

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.



Digital spot UV coating & hot foil stamping



A4 to 364 x 750mm



Up to 2,077 A3 sheets per hour



TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS – ACCURIOSHINE 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: 21 µm-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 (L x W x H)	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

2) speed will vary according to printing parameter used

3) confirm substrate/toner compatibility with KM

** The used substrate needs to be either coated or laminated.

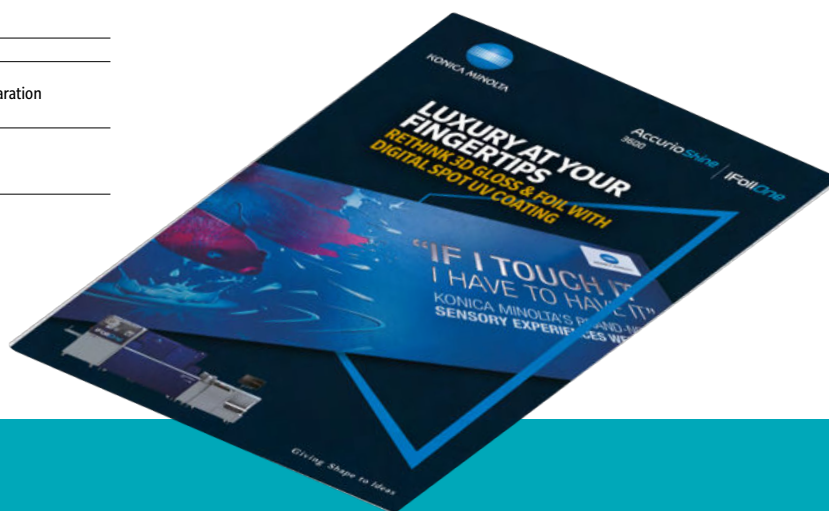
Otherwise, the substrate absorbs the varnish, and the desired effect might not be achieved.

AccurioShine 3600

iFoilOne

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
- No additional drying time required
- Ozone-free and without heat thanks to LED technology
- Low power consumption

KONICA MINOLTA PRINT HEADS

- Exclusive MGI inkjet technology
- With genuine Konica Minolta piezoelectronic printheads
- Produce any line thickness from 0.5 mm

SOFTWARE SUITE INCLUDED

- On-the-fly job manager
- Reprint function
- Image editor
- Catalogue of different patterns
- Cost calculation and export of data
- For intuitive operation
- For maximum efficiency and higher margins

AIS Scanner

- Full page scanner
- For on-the-fly coating registration from sheet to 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
- No plates or screens needed, all that's required is a digital 5th colour mask
- Wide range of substrates possible

VARIABLE VARNISH THICKNESS

- Can be adapted to individual customer needs
- Maximum 3D effect: up to 116 µm*
- Minimum thickness (on laminated surfaces): from 21 µm

ENVIRONMENTALLY FRIENDLY

- Ink is in a closed/circuit system
- No ink and varnish residues
- No cleaning in-between jobs
- 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)
- 1,468 A3 sheets/hour with varnish thickness of 43 µm (3D 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
- For personalised foil applications
- 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.



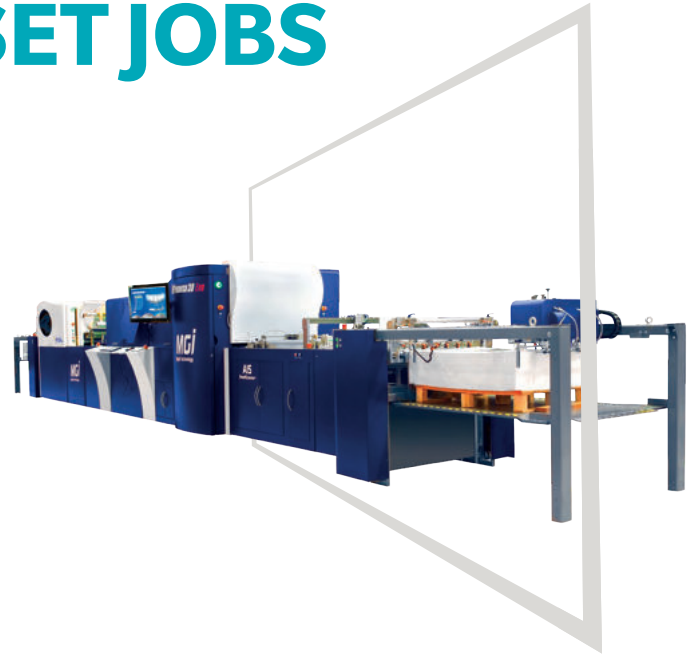
Colour



Digital spot UV coating and hot-foiling for 2D and 3D



Up to 3,000 B2 sheets per hour



TECHNICAL SPECIFICATIONS

SYSTEM 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 thickness 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 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 & remote technical support	Automated inkjet head cleaning and wiping 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)
Operator panel	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 m ³ /h (14 cfm)

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

Dimensions (L x W x H)	Up to 12.72 x 1.86 x 1.84 m (Evo 75 full options)
Weight	Approx. 4,524 kg
Electrical requirements	40 kW (63 A) at 400 Volts - 50/60 Hz + 20 kW (32 A) at 400 Volts - 50/60 Hz
Temperature	18 to 30°C
Relative humidity	Between 30% and 50% (no condensation)

OPTIONS

Corona1/2 substrates treatment module	In-line system to optimise varnish adhesion on complex printed substrates
Variable data printing (VDP)	- Full variable data (text, graphics, images) for both 2D/3D spot coating and hot foiling areas - Integrated barcode (1D/2D) reader system & controller - Raster Image Processor (RIP) as an option

* 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.

MGI
Digital Technology

JETVARNISH 3D Evo
Digital varnish & iFOIL



VARNISH AND IN-LINE HOT-FOIL STAMPING

- All MGI JETvarnish 3D Evolution models can be combined with an inline hot-foiling solution
- For quick and easy production of foil stamping jobs
- For digital and variable varnish and foil embellishments
- For prototyping as well as high-volume productions

INNOVATIVE SOFTWARE SUITE

- Suite includes cost calculator, workstation image 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
- Saves time and improves efficiency

REVOLUTIONARY AIS SMART SCANNER REGISTRATION SYSTEM

- Automatic varnish and hot foil registration system
- Eliminates more than 80% of the setup time spent on the registration adjustment process
- No drop in speed
- Automatically calculates the need for adjustment and applies it without operator intervention

TACTILE AND EMBOSSED EFFECTS

- Multiple colour foil effect
- Variable data foiling (VDF) with 2D/3D effect
- Foil over foil effect
- From 3 to 232 microns (μm)

NEW PALLET STACKER

- For easy pallet unloading
- For simple production workflows

EXPANDABLE INKJET SYSTEM FORMAT

- Designed to grow with your business
- Availability in two different widths that can be upgraded on demand for increased productivity:
 - 52 x 105 cm
 - 75 x 120 cm

EASE OF USE

- MGI JETvarnish 3D Evolution is not a push button press, but you will quickly understand how the device works
- When using compatible media and foil, all operators need to do is set the appropriate speed and temperature

HIGH PRODUCTION SPEED AND PERFECT VARNISH QUALITY

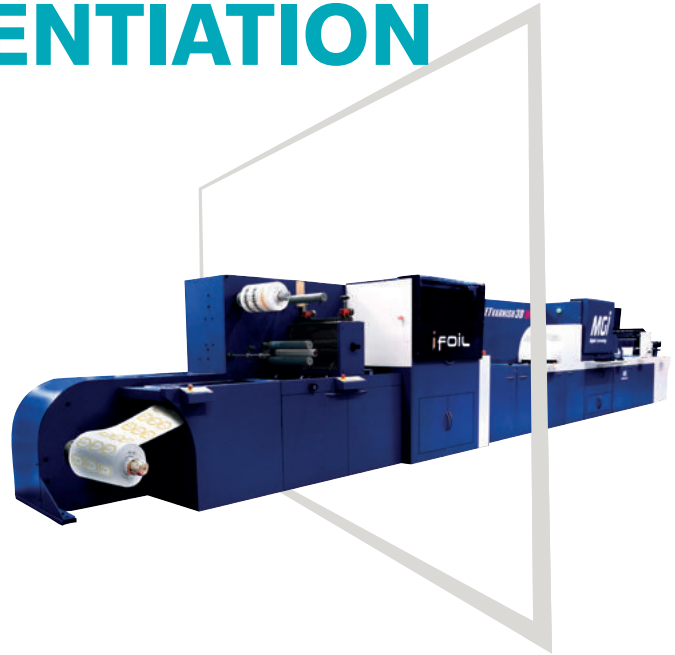
- Up to 3,123 ISO B2 sheets per hour
- Print speed can be increased to 4,200 ISO B2 sheets per hour with printable width of 75 cm enabled
- Up to 2,291 ISO B1 sheets per hour
- For high-volume productivity

ECO FRIENDLINESS

- Enhanced UV protection with lower energy consumption than traditional UV systems
- Automatic inkjet head cleaning system avoids manual cleaning between jobs
- No make-ready
- No plates
- No screens
- No dies
- 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.



Digital Web-Fed Solution



Up to 42m/min depending on application

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 optimum 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, H₂O 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 kg³

Technical requirements

400 V - 3Ph
240 V - 1Ph
Dry air compressor (oil-free): 8 bar/102 psi - 24 m³/h/6 cfm
All speeds are nominal

MGI
Digital Technology

JETVARNISH 3D Web
Digital varnish & IFOIL



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
- No registration marks
- 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 reel diameter calculation
- Automatic tension adjustment
- Web guide for ± 15 mm lateral correction
- Splicing table

FULL ROTARY FLEXO UV STATION

- Inline Rotary Flexo UV station
- For full varnishing and priming
- Makes UV varnish and hot foiling finishing possible on a high variety of substrates (including uncoated materials)

DIE CUTTING UNIT

- Optional semi rotary die cutting unit to finish labels in-line
- 2 slitter knives as standard (10 max)
- Gap master system as an option

WIDE COMPATIBILITY

- The JETvarnish 3D Web is compatible with digital, flexo and offset web-to-web printing technologies, which are used to produce labels as well as flexible 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

- While it should be emphasised that the JETvarnish 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 skills required
- For maximum ease of operation
- Frees operators for other jobs

HIGH PRODUCTION SPEED AND PERFECT VARNISH QUALITY

- Speed of up to 42 m/mn
- 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
Creo Controller	IC-316L

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 9.45 m can be selected to match the media used
- The fast start after powering the machine, enables reduction in setup time, enhancing the overall productivity

EASE OF USE

- Compared to several technologies, including inkjet printers, the AccurioLabel 230 ensures ease of maintenance
- Tasks that are time-consuming on analogue machines 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 expressed in 1 pixel
- Fine lines and small characters can be printed clearly and images output in rich gradations

STABLE COLOUR CONSISTENCY

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

HIGH MEDIA COMPATIBILITY AND TENSION CONTROL

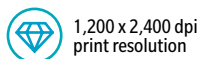
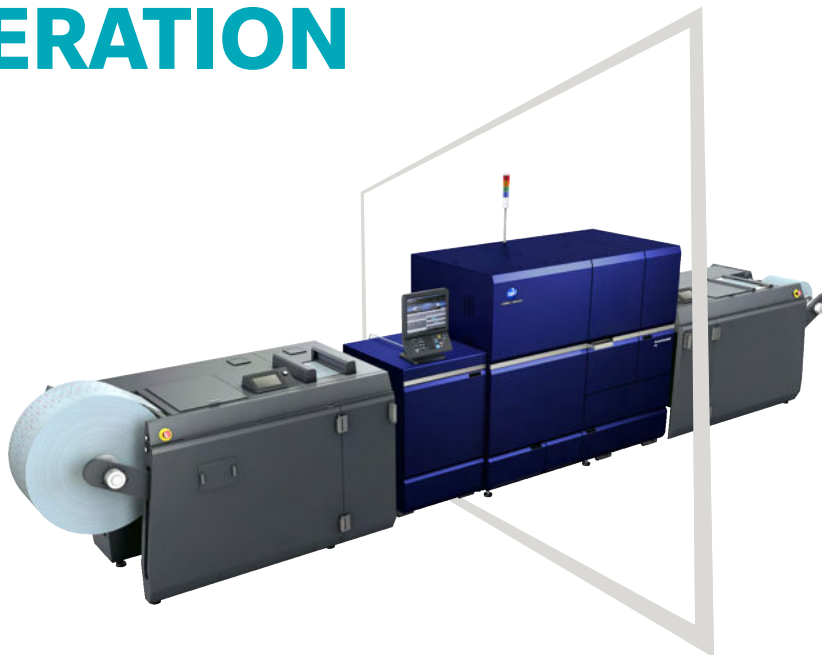
- Equipped with newly developed digital toner to further improve image quality
- The 3-dimensional hybrid structure that incorporates functional polymers provides high performance for all media types
- No pre-coating of media is required
- An integrated web guide system on both winders allows perfect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

Simitri HD E
THE EVOLUTION OF TECHNOLOGY



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.



1,200 x 2,400 dpi
print resolution



Up to 39.9 m/min.

SYSTEM SPECIFICATIONS

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 l/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 and can go down to 20 metres per minute when printing CMYK+W
- 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 linear metres
- Unwinder and rewinder of AccurioLabel 400 each have a capacity for rolls of 800 mm in diameter
- Larger toner hopper (reservoir) for uninterrupted production

Selectable controller

- Superb price-performance ratio: IC-611 (Konica Minolta)
- 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 layouts with similar die plates)
- Adding eye-marks, arranging artwork, gang-up printing of different layouts and exporting die-lines through a single intuitive user interface
- Easily apply variable data printing (VDP) functionalities with just a few mouse clicks

Intuitive touch panels

- AccurioLabel 400 is operated from the main touch panel of the print engine as well as easy-to-use touch screens for unwinder and rewinder
- A tablet can be used instead of the main touch panel to operate freely around AccurioLabel 400

OUTSTANDING QUALITY

Resolution on a par with offset

- Excellent resolution of 1,200 dpi (3,600 dpi equivalent) x 2,400 dpi produces a high-precision print image

Intelligent Quality Care

- Real-time colour stability control
- Real-time colour registration control
- Automatic calibration
- Automatic density adjustment
- Profile creation

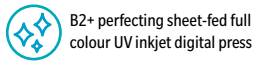
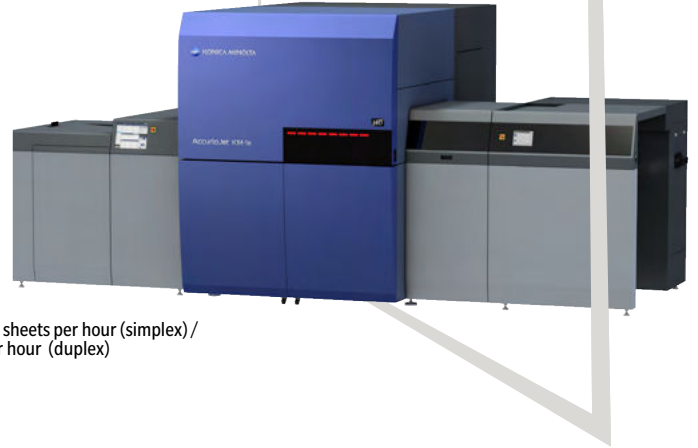
HIGH MEDIA COMPATIBILITY

- 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.



B2+ perfecting sheet-fed full colour UV inkjet digital press



B2 (up to 585 x 750 mm)



Up to 3,000 B2+ sheets per hour (simplex) / 1,500 sheets per hour (duplex)

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Type	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 (ink 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 facility: Approx. 2,000 kg

AccurioJet KM-1e

AccurioJet KM-1e with **HD**



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 KM-1e series is fully equipped with an offset-equivalent transport mechanism including functions such as air blower, vacuum suction, drum 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 KM-1e series B2+ UV 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 AccurioJet KM-1e series is capable of 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-gloss look.

UNRIVALLED UPTIME

- Trusted offset technology as its basis makes the AccurioJet KM-1e series robust and reliable and keeps it constantly available for production at the highest level.

WELL EQUIPPED FOR PACKAGING MARKET

- The AccurioJet KM-1e 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 KM-1e 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.



KONICA MINOLTA

- 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.
- 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.