



KONICA MINOLTA



PROFESSIONAL PRINTING SYSTEMS LINE-UP

APRIL 2020

Giving Shape to Ideas

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Production printing systems

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THE FUTURE IS NOW

RETHINK DIGITAL PRINTING

Firmly established in the professional printing market for years 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. After all, since entering the production printing market in the early 2000s, we can back on rapid growth and 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 to save money, 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 get you 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!

FOR MAXIMUM EASE OF OPERATION

Competitive prices and a good product mix are essential factors for survival in today's markets. In the print industry, this means a combination of a wide range of products, reliable technology and cost-effective calculation. The bizhub PRO 958 is the answer to these challenges, offering a good mix of features, technologies and investment to drive a successful printing business.



B/W



SRA3



digital press



Up to 95 pages per minute



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print speed A4	95 ppm
Print speed A3	48 ppm
Print resolution	1,800 x 600 dpi 1,200 x 1,200 dpi
Gradations	256 levels

SYSTEM SPECIFICATIONS

Paper weight	52-300 g/m ²
Duplex unit	Non-stack type 64-256 g/m ²
Paper sizes	A6-SRA3 Customised paper sizes Banner paper max. 1,200 x 297 mm
Maximum image area	307 x 437 mm (SRA3) 302 x 448 mm (A3+)
Paper input capacity	Standard: 3,650 sheets Max.: 6,650 sheets
Paper output capacity	Max.: 3,200 sheets
Main unit dimensions (W x D x H)	670 x 820 x 1,232 mm
Main unit weight	200 kg

CONTROLLER SPECIFICATIONS

Internal Emperon™ controller

CPU	M886S72; 1.6 GHz
RAM	2 GB
HDD	250 GB (shared with the copier)
Interface	Ethernet 10/100/1,000-Base-T

FINISHING MODES (OPTIONAL)

Stapling; Punching; Letter fold-in; Booklet making; Z-folding; Post insertion; Job separation

bizhub PRO 958

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

- Up to 95 A4 pages per minute
- Enhanced overall scanning performance for scanning and copying
- For higher productivity
- For more jobs in the print room

HIGHEST RELIABILITY

- Long-lasting parts and consumables
- Auto Refining Developer System (ARDS)
- For prints with maximum efficiency
- For lucrative short-run printing
- Internal Emperon™ controller
- For intuitive operations
- To save time and money

EASE OF USE

- Innovative 9-inch capacitive colour touch screen panel
- Pop-up windows open for all function settings
- Seamless integration into document workflows
- For maximum ease of operation
- Frees operators for more important jobs

READY MADE PRINT PRODUCTS

- 20-sheet booklet making
- 100-sheet stapling
- For highest automation and enormous productivity
- For more profit in the print room

SOPHISTICATED MEDIA HANDLING

- Up to 6,650 sheets paper input capacity
- Up to 6 paper input trays
- For enhanced overall productivity
- For extreme cost savings

GEARED-UP FINISHING

- Letter fold-in
- Stacking up to 3,000 sheets
- Optional 2- & 4-hole punching
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Low power consumption
- Contains recycled plastic and bioplastic
- For reduced environmental impact
- Improved efficiency based on green values

PERFECT IMAGE QUALITY

- True 1,200 x 1,200 dpi resolution
- Simitri® HD toner technology
- For new print applications
- For growing businesses

Simitri HD
High Definition Polymerised Toner

COMPREHENSIVE MEDIA PROCESSING

- Up to 300 g/m² paper weight in simplex
- Up to 256 g/m² paper weight in duplex
- Banner printing support
- For highly flexible print products
- To stand out from the competition

AFFORDABLE ENTRY-LEVEL PRODUCTION AT ITS BEST

The bizhub PRO 1100 is an affordable but powerful production system with a speed of 100 A4 pages per minute dedicated to central in-house printing facilities and external print-for-pay services. In this device, a sturdy construction, high performance and numerous inline finishing options team up with advanced technology for enhanced black & white 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 g/m ² (350 g/m ² optional*)
Duplex unit	Non-stack type 40-300 g/m ²
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
Maximum paper output capacity	Max.: 4,200 sheets
Main unit dimensions (W x D x H)	990 x 910 x 1,454 mm
Main unit weight	340 kg

CONTROLLER SPECIFICATIONS

Internal Konica Minolta controller

Type	Embedded controller
CPU	Intel® Pentium G3420 @ 3.2 GHz
RAM	8 GB (DDR3 1,600MHz) memory
HDD	1 TB
Interface	Ethernet (10/100/1,000-Base-T)

IC-309m Creo controller

Type	External controller
CPU	Intel Core i5-3550S
RAM	6 GB
HDD	3,000 GB
Interface	Ethernet (10/100/1,000-Base-T)

FINISHING MODES (OPTIONAL)

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

bizhub PRO 1100

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

- Up to 100 A4 pages per minute
- Up to 52 SRA3 pages per minute
- Up to 6,000 A4 pages per hour
- Up to 3,120 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Scan Measurement Adjustment (SMA) Technology
- Belt transfer system
- For prints with maximum efficiency
- For lucrative short-run printing

HIGH-END PRINT CONTROL

- Proprietary Konica Minolta controller
- Integration into Fiery workflows via Fiery Central Solo
- Optional Creo Controller IC-309m
- For intuitive operation
- Saves time and money

EASE OF USE

- Simple paper catalogue settings
- Easy-to-follow on-screen instructions
- For maximum ease of operation
- Frees operators for more important jobs

READY-MADE PRINT PRODUCTS

- 20-sheet booklet making
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- For more profit in the printroom

SOPHISTICATED MEDIA HANDLING

- Optional bypass tray
- Up to 9,000-sheet paper input capacity
- Up to 5 paper input trays
- For enhanced overall productivity
- For extreme cost savings
- Colour dual scan

GEARED-UP FINISHING

- Letter fold-in
- Stacking of up to 4,200 sheets
- Multi (GBC) punching and 2- & 4-hole punching
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Green procurement policy
- Reduced CO₂ emissions
- ISO 14001-certified
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Up to 300 g/m² paper weight in simplex & duplex printing
- Mechanical decurling as standard
- For highly flexible print products
- Stands out from the competition
- Multi bypass

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Tone Curve Utility
- Simitri® HD toner technology
- Image density control technology
- For new print applications
- For growing your business

Simitri HD
High Definition Polymerised Toner

PROFESSIONAL BLACK & WHITE RUNNERS

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 the best performance available in the market: The AccurioPress 6136 series comprises three 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 6120

Print speed A4	Up to 120 ppm
Print speed A3	Up to 70 ppm

AccurioPress 6136/P

Print speed A4	Up to 136 ppm
Print speed A3	Up to 78 ppm

SYSTEM SPECIFICATIONS

Paper weight	40-350 g/m ²
Duplex unit	Non-stacking type, 40-300 g/m ²
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 capacities	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	Embedded controller
CPU	Intel Core i5 4570S 2.9GHz
RAM	16 GB
HDD	1 TB x 2
Interface	Ethernet (10/100/1,000-Base-T)

IC-417 internal EFI Fiery® controller

Type	Embedded controller
CPU	CPU Intel® Celeron® G1820
RAM	2 GB
HDD	500 GB
Interface	Interface Ethernet (10/100/1,000-Base-T)

IC-313 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i5 4570S
RAM	4 GB
HDD	1 TB
Interface	Ethernet (10/100/1,000-Base-T)

IC-314 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i7-4790S
RAM	12 GB (8 GB system; 4 GB image)
HDD	3 TB (1 TB system; 2 TB image)
Interface	Ethernet (10/100/1,000-Base-T)

FINISHING MODES (OPTIONAL)

Stapling; Large 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; Watkiss PowerSquare™ 224KR; Plockmatic SD-500 / SD-350 Bookletmaker; GBC Punch G2

AccurioPress

6136/6136P/6120

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

AccurioPress 6136/6136P

- 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 6120

- 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

- Proprietary Konica Minolta controller
- For intuitive operation
- Saves time and money

EASE OF USE

- Simple paper catalogue settings
- Easy-to-follow on-screen instructions
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for more important jobs

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 18,000-sheet paper input capacity or 14,000-sheet paper input and 5,000-sheet post insertion
- Up to 11 paper input trays
- For enhanced overall productivity
- For extreme cost savings

3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 KR for square back booklet binding
- Plockmatic SD-500/SD-350 booklet maker with square fold
- GBC Punch G2 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
- 102-sheet auto ring binding
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- For more profit in the printroom

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Interface for 3rd parties
- Large stacking
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Green procurement policy
- ISO 14001-certified
- For reduced environmental impact
- Carbon Neutral Printing via “Enabling Carbon Neutrality Program” available

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 g/m² paper weight in simplex & 300 g/m² duplex printing
- Skew Detection System to prevent paper skew
- Professional feeding of coated media and envelopes
- Mechanical decurling as standard
- Optional inter-cooler curl eliminator
- For highly flexible print products
- Stands out from the competition

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Tone Curve Utility
- Simitri® HD toner technology
- Image density control technology
- For new print applications
- For growing your business

INEVITABLE BLACK & WHITE PRODUCTIVITY

There are many opportunities in the market that you can exploit to make your business grow satisfactorily. Konica Minolta systems provide commercial printers, print-for-pay services and central in-house printing facilities with the platform needed to make sure you never have to say no to a business opportunity. Make sure you profit from the dual-engine technology for ultimate performance with highest print quality offered by the bizhub PRESS 2250P. Like so many others, you can also rely on its smooth, faultless and undisturbed production with no bottlenecks or shutdowns. Boost your turnover and ROI thanks to highest throughput and top productivity close to 15,000 images per hour. Success is just a Konica Minolta bizhub PRESS 2250P away.



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print speed A4 duplex	Up to 250 ipm
Print speed A3 duplex	Up to 140 ipm

SYSTEM SPECIFICATIONS

Paper weight	40–350 g/m ²
Duplex unit	Sub engine
	40–350 g/m ²
Paper size	A5 to SRA3
	Min.: 95 x 139 mm
	Max.: 324 x 483 mm
Maximum image area	314 x 483 mm
Paper input capacities	Max.: 18,000 sheets
	Main unit: up to 3,000 sheets
	PF-706: up to 6,000 sheets
	PF-703: up to 5,000 sheets
Maximum 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)	3,440 x 910 x 1,454 mm
Main unit weight	860 kg

CONTROLLER SPECIFICATIONS

Internal Konica Minolta controller

Type	Embedded controller
CPU	Pentium G69050 2.8GHz
RAM	2 GB
HDD	250 GB or above
Interface	Ethernet (10/100/1,000-Base-T)

IC-312m Creo Controller

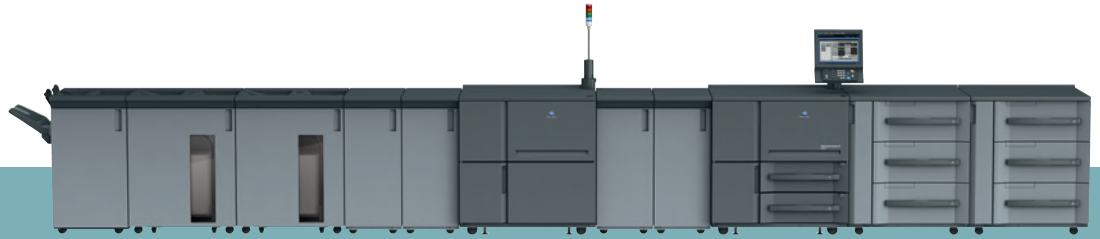
Type	External controller
CPU	Intel Core i7-3770
RAM	8 GB
HDD	4,000 GB
Interface	Ethernet (10/100/1,000-Base-T)

FINISHING MODES (OPTIONAL)

Stapling; Large 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; Watkiss PowerSquare™ 224KR; Plockmatic SD-500 / SD-350 Bookletmaker

bizhub PRESS 2250P

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

- Up to 250 A4 pages per minute duplex
- Up to 132 SRA3 pages per minute duplex
- Up to 14,856 A4 images per hour duplex
- Up to 7,840 SRA3 images per hour duplex

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Independent front-to-back alignment / distortion adjustment function for accurate duplex registration
- Belt transfer system
- For prints with maximum efficiency
- For lucrative duplex printing

HIGH-END PRINT CONTROL

- Proprietary Konica Minolta controller
- Integration into Fiery workflows via Fiery Central Solo
- For intuitive operation
- Saves time and money
- External IC-312m Creo Controller

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings and easy instructions
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for more important jobs

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 18,000-sheet paper input capacity or 14,000-sheet paper input and 5,000-sheet post insertion
- Up to 11 paper input trays
- For enhanced overall productivity
- For extreme cost savings

READY-MADE PRINT PRODUCTS

- 50-sheet* booklet making with front trimming and optional creasing, slitting and spine corner forming
- 102-sheet auto ring binding
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- For more profit in the printroom
- Interface for 3rd party finishing

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
 - 6 different types of folding
 - Large stacking
 - Minimised human interaction
 - For optimised budgets
 - Interface for 3rd parties
- Watkiss PowerSquare™ 224 squareback binding booklet and Plockmatic SD-500 / SD-350 Bookletmaker

ENVIRONMENTAL AWARENESS

- CSR procurement policy
- Reduced CO₂ emissions
- ISO 14001-certified
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 g/m² 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
- For highly flexible print products
- Stands out from the competition

PERFECT IMAGE QUALITY

- 1,200 x 1,200 dpi resolution
- Dual-engine technology
- Simitri® HD toner technology
- Image density adjustment technology for both engines
- For new print applications
- For growing your business

THE ECONOMIC B/W AND COLOUR PROFESSIONAL

Competitive prices and a good product mix are essential factors for being successful in today's markets. In the print industry, this means a combination of a wide range of products, reliable technology and cost-effective calculation. The AccurioPrint C750i is the answer to these challenges, offering a good mix of features, technologies and investment to drive a successful printing business.



Colour



SRA3



Up to 75 ppm b/w and 70 ppm colour



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print speed A4 (mono/colour)	Up to 75 ppm Up to 70 ppm
Print speed A3 (mono/colour)	Up to 37 ppm Up to 32 ppm
Print resolution	1800 x 600 dpi 1200 x 1200 dpi
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Paper weight	52-300 g/m ²
Duplex unit	Non-stack type; 52-256 g/m ²
Paper size	A6-SRA3; customised paper sizes; banner paper max. 1,200 x 297 mm
Maximum image area	307 x 437 mm (SRA3) 302 x 448 mm (A3+)
Paper input capacities	Standard: 3,650 sheets Max.: 6,650 sheets
Paper output capacity	Max.: 3,200 sheets
Warm-up time	Approx. 18 sec.
Main unit dimensions (W x D x H)	615 x 688 x 1,207 mm
Main unit weight	160 kg

CONTROLLER SPECIFICATIONS

IC-420 internal EFI Fiery controller

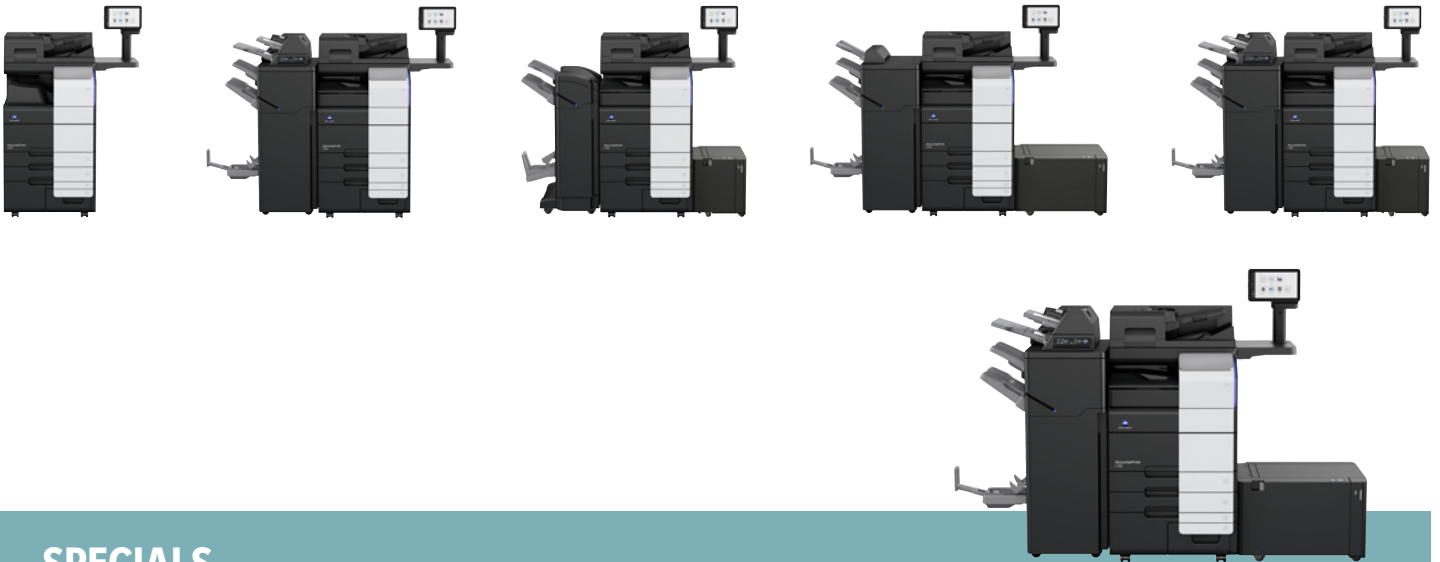
CPU	AMD GX-424CC @ 2.4 GHz (Quad Core)
RAM	4 GB
HDD	500 GB
Interface	Ethernet 10/100/1,000-Base-T

FINISHING MODES (OPTIONAL)

Offset; Grouping; Sorting; Stapling; Punching; Centre-folding; Letter folding; Booklet making; Z-folding

AccurioPrint C750i

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

- Up to 70 A4 pages in colour
- Up to 32 A3 pages in colour
- Enhanced overall scanning performance for scanning and copying
- For higher productivity
- For more jobs in the print room

HIGHEST RELIABILITY

- Long-lasting parts and consumables
- Auto Refining Developer System (ARDS)
- For prints with maximum efficiency
- For lucrative short-run printing

HIGH-END PRINT CONTROL

- Internal EFI controller
- Command workstation
- Optional Fiery productivity package
- For intuitive operations
- To save time and money

EASE OF USE

- Innovative 10-inch capacitive colour touch screen panel
- Pop-up windows open for all function settings
- Seamless integration into document workflows
- For maximum ease of operation
- Frees operators for more important jobs

SOPHISTICATED MEDIA HANDLING

- Up to 6,650 sheets paper input capacity
- Up to 6 paper input trays
- For enhanced overall productivity
- For extreme cost savings

READY-MADE PRINT PRODUCTS

- 20-sheet booklet making
- 50/100-sheet stapling
- For highest automation and enormous productivity
- For more profit in the print room

GEARED-UP FINISHING

- Letter fold-in
- Stacking up to 3,000 sheets
- Optional 2- & 4-hole punching
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Low power consumption
- Contains recycled plastic and bioplastic
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Up to 300 g/m² paper weight in simplex
- Up to 256 g/m² paper weight in duplex
- Banner printing support
- For highly flexible print products
- To stand out from the competition

PERFECT IMAGE QUALITY

- True 1,200 x 1,200 dpi resolution
- Simitri® HD toner technology
- For new print applications
- For growing businesses

DIGITAL PRINTING WITH ENTRY-LEVEL FINISHING FEATURES

These first Konica Minolta production systems launched under the new Accurio brand name target small to midsize commercial printers as well as in-house print rooms and Central Reprographic Departments (CRDs). As entry-level printing systems, they offer outstanding new features including scan & print to/from USB Flash, a dual colour highspeed scanner, and the possibility to manage print jobs directly from the operating panel. CRDs will find it easy to adapt to changing document workflows in the company, enhance their overall productivity, and to extend their range of products and services by offering new, sophisticated print products.



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print speed A4	Up to 71 ppm
Print speed A3	Up to 39 ppm
Print speed SRA3	Up to 36 ppm
Print resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Resolution	1,200 x 1,200 dpi x 8 bit 1,200 x 3,600 dpi equivalent
Paper weight	62-350 g/m ²
Duplex unit	Non-stack type; 62-350 g/m ²
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.: 4,250 sheets
Paper output capacity	Max.: 3,100 sheets
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm
Main unit weight	319 kg

CONTROLLER SPECIFICATIONS

IC-605 A internal Konica Minolta controller

Type	Embedded controller
CPU	Intel® Pentium G3420 3.2GHz
RAM	14 GB; max. 20 GB
HDD	3,000 GB; max. 3,500 GB
Interface	Ethernet (10/100/1,000-Base-T)

IC-417 internal EFI Fiery® controller

Type	Embedded controller
CPU	CPU Intel® Celeron® G1820
RAM	2 GB
HDD	500 GB
Interface	Interface Ethernet (10/100/1,000-Base-T)

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

C3070L

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

- Up to 71 A4 pages per minute
- Up to 36 SRA3 pages per minute
- Up to 3,823 A4 pages per hour
- Up to 1,951 SRA3 pages per hour
- Enhanced overall scanning performance for scanning and copying
- Features of the hotfolder, printer driver, imposition are enhanced for facilitated use.
- Enhanced work efficiency helps handle short turnaround jobs.

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Registration-swing mechanism for accurate duplex registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

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

- Flexible choice of controller technology: EFI® or own Konica Minolta controller
- For intuitive operation
- To save time and money

EASE OF USE

- Automatic density balance adjustment
- Open API/IWS support
- Scan & print to USB Flash
- Simple paper catalogue settings

SOPHISTICATED MEDIA HANDLING

- New banner tray
- Capable of feeding maximum 1,000 sheets of 762 mm long size in LU-202XLm
- Banner size up to 1,300 x 330 mm
- Envelope printing support
- Banner duplex printing up to 762 x 330 mm

READY-MADE PRINT PRODUCTS

- 20-sheet booklet making
- 50-sheet stapling
- For highest automation and enormous productivity
- For more profit in the print room

GEARED-UP FINISHING

- Letter fold-in
- Stacking of up to 3,000 sheets
- Optional 2- & 4-hole punching
- Minimised human interaction

ENVIRONMENTAL AWARENESS

- Robust and powerful despite the compact, lightweight body with fewer parts
- Reduced power consumption with Simitri® HD E toner
- Industry-leading usage ratio of recycled PC and PET
- For reduced environmental impact
- Improved efficiency based on green values

PERFECT IMAGE QUALITY

- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit resolution (equivalent to 1,200 x 3,600 dpi)
- Simitri® HD E toner technology
- For new print applications
- For growing business

NEW ENTRY-LEVEL PRINTING SYSTEMS

These Konica Minolta production systems target small to midsize commercial printers as well as in-house print rooms and Central Reprographic Departments (CRDs). As entry-level printing systems, they offer outstanding new features including scan & print to/from USB Flash, a dual colour high-speed scanner banner duplex printing, and the possibility to manage print jobs directly from the operating panel. CRDs will find it easy to adapt to changing document workflows in the company, enhance their overall productivity, and to extend their range of products and services by offering new, sophisticated print products.



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

AccurioPrint C3080

Print speed A4	Up to 81 ppm
Print speed A3	Up to 45 ppm
Print speed SRA3	Up to 39 ppm
Print resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Gradations	Up to 256 levels

AccurioPress C3070

Print speed A4	Up to 71 ppm
Print speed A3	Up to 39 ppm
Print speed SRA3	Up to 36 ppm
Print resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Resolution	1,200 x 1,200 dpi x 8 bit 1,200 x 3,600 dpi equivalent
Paper weight	62–350 g/m ²
Duplex unit	Non-stack type; 62–350 g/m ²
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
Paper output capacity	Max.: 3,100 sheets
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm
Main unit weight	319 kg

CONTROLLER SPECIFICATIONS

IC-605 A internal Konica Minolta controller

Type	Embedded controller
CPU	Intel Core i5 4570S 2.9GHz
RAM	14 GB; max. 20 GB
HDD	3,000 GB; max. 3,500 GB
Interface	Ethernet (10/100/1,000-Base-T)

IC-417 internal EFI Fiery® controller

Type	Embedded controller
CPU	CPU Intel® Celeron® G1820
RAM	2 GB
HDD	500 GB
Interface	Interface Ethernet (10/100/1,000-Base-T)

IC-313 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i5 4570S
RAM	4 GB
HDD	1 TB
Interface	Ethernet (10/100/1,000-Base-T)

IC-314 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i7-4790S
RAM	12 GB (8 GB system; 4 GB image)
HDD	3 TB (1 TB system; 2 TB image)
Interface	Ethernet (10/100/1,000-Base-T)

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

AccurioPrint

C3080/C3070

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

AccurioPrint C3070

- Up to 71 A4 pages per minute
- Up to 36 SRA3 pages per minute
- Up to 3,823 A4 pages per hour
- Up to 1,951 SRA3 pages per hour

AccurioPrint C3080

- Up to 81 A4 pages per minute
- Up to 39 SRA3 pages per minute
- Up to 4,399 A4 pages per hour
- Up to 2113 SRA3 pages per hour

- Enhanced overall scanning performance for scanning and copying
- For higher productivity
- For more jobs in the print room

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Registration-swing mechanism for accurate duplex registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

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

- Flexible choice of controller technology: EFI®, own Konica Minolta or Creo controller
- For intuitive operation
- To save time and money

EASE OF USE

- Automatic density balance adjustment
- Open API/IWS support
- Scan & print to USB Flash
- Simple paper catalogue settings

SOPHISTICATED MEDIA HANDLING

- New banner tray
- Capable of feeding maximum 1,000 sheets of 762 mm long size in LU-202XLm
- Banner size up to 1,300 x 330 mm
- Envelope printing support
- Banner duplex printing up to 762 x 330 mm

3RD PARTY FINISHING

- Watkiss

READY-MADE PRINT PRODUCTS

- 20-sheet booklet making
- 50-sheet stapling
- For highest automation and enormous productivity
- For more profit in the print room

GEARED-UP FINISHING

- Letter fold-in
- Stacking of up to 3,000 sheets
- Optional 2- & 4-hole punching
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Robust and powerful despite the compact, lightweight body with fewer parts
- Reduced power consumption with Simitri® HD E toner
- Industry-leading usage ratio of recycled PC and PET
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Simplex & duplex printing on paper weights of up to 350 g/m²
- Envelope printing support
- Supports a wide range of embossed papers
- For highly flexible print products

PERFECT IMAGE QUALITY

- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit resolution (equivalent to 1,200 x 3,600 dpi)
- Simitri® HD E toner technology
- For new print applications
- For growing business

PERFECT MATCH FOR KEY OPERATOR ENVIRONMENTS

To grow into digital with success means being able to fulfil certain standards, above all to guarantee absolute colour consistency and deliver a superb image quality. The products of the AccurioPress C3080 series take these challenges in their stride. They provide the ultimate performance of up to 1,951 SRA3 pages per hour (AccurioPress C3070), and up to 2,113 SRA3 pages per hour with the AccurioPress C3080/P. Combining this with highest media flexibility and professional modular finishing, this is the perfect match for key operator environments.



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

AccurioPress C3080/P

Print speed A4	Up to 81 ppm
Print speed A3	Up to 45 ppm
Print speed SRA3	Up to 39 ppm
Print resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Gradations	Up to 256 levels

AccurioPress C3070

Print speed A4	Up to 71 ppm
Print speed A3	Up to 39 ppm
Print speed SRA3	Up to 36 ppm
Print resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Resolution	1,200 x 1,200 dpi x 8 bit; 1,200 x 3,600 dpi equivalent
Paper weight	62–350 g/m ²
Duplex unit	Non-stack type; 62–350 g/m ²
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
Paper output capacity	Max.: 13,600 sheets
Main unit dimensions (W x D x H)	800 x 903 x 1,076 mm; 800 x 903 x 1,041 mm (P-version)
Main unit weight	319 kg; 312 kg (AccurioPress C3080P)

CONTROLLER SPECIFICATIONS

IC-605 internal Konica Minolta controller

Type	Embedded controller
CPU	Intel Core i5 4570S 2.9GHz;
RAM	14 GB; max. 20 GB
HDD	3,000 GB; max. 3,500 GB
Interface	Ethernet (10/100/1,000-Base-T)

IC-417 internal EFI Fiery® controller

Type	Embedded controller
CPU	CPU Intel® Celeron® G1820
RAM	2 GB
HDD	500 GB
Interface	Interface Ethernet (10/100/1,000-Base-T)

IC-313 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i5 4570S
RAM	4 GB
HDD	1 TB
Interface	Ethernet (10/100/1,000-Base-T)

IC-314 external EFI Fiery® controller

Type	External controller
CPU	CPU Intel® Core i7-4790S
RAM	12 GB (8 GB system; 4 GB image)
HDD	3 TB (1 TB system; 2 TB image)
Interface	Ethernet (10/100/1,000-Base-T)

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; Interface for 3rd Party Finishing; Watkiss PowerSquare™ 224KR; Plockmatic SD-500 / SD-350 Bookletmaker; Integrated Color Care Unit

AccurioPress

C3080/C3080P/C3070

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

AccurioPress C3080

- Up to 81 A4 pages per minute
- Up to 39 SRA3 pages per minute
- Up to 4,399 A4 pages per hour
- Up to 2,059 SRA3 pages per hour

AccurioPress C3070

- Up to 71 A4 pages per minute
- Up to 36 SRA3 pages per minute
- Up to 3,823 A4 pages per hour
- Up to 1,951 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Registration-swing mechanism for accurate duplex registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFi®, CREO® or proprietary Konica Minolta controller
- Integration into hybrid workflows
- For intuitive operation
- To save time and money

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for more important jobs
- Open API/IWS support

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 15,390 sheets paper input capacity
- Up to 11 paper input trays
- For enhanced overall productivity
- For extreme cost savings
- Banner duplex printing of up to 762 mm

3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 for producing high quality SquareBack™ books
- Plockmatic SD-500/SD-350 booklet maker with square fold
- For higher flexibility
- For more sophisticated print products

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming and 35-sheet booklets with optional creasing, slitting and spine corner forming
- 102 sheets auto ring binding
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- For more profit in the print room

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Large stacking
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Robust and powerful despite the compact, lightweight body with fewer parts
- Reduced power consumption with Simitri® HD E toner
- Industry-leading usage ratio of recycled PC and PET
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 g/m² paper weight in simplex & duplex printing
- Envelope printing support
- Reliable thin paper feeding through air blow fusing separation
- Mechanical decurling
- Optional inter-cooler curl eliminator
- For highly flexible print products
- To stand out from the competition

PERFECT IMAGE QUALITY

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

PIONEERING TECHNOLOGY FOR EXCEPTIONAL COLOURS

With the new AccurioPress C83hc it is easier to travel between the two worlds of CMYK and RGB to reproduce whatever your customers is expecting. It reproduces a larger portion of the sRGB gamut than ever before. On top of the standard printed products, print houses can differentiate by providing more vivid prints and increase their own portfolio. With the highest media flexibility and professional modular finishing, this is the perfect solution for any kind of print provider.



Colour



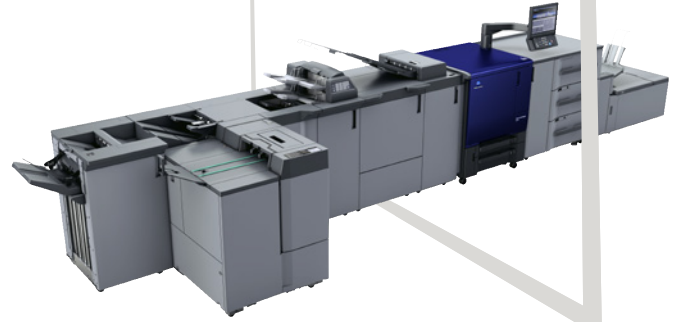
SRA3+



RGB workflow support due to HC toner



Up to 4,399 pages per hour



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print speed A4 (mono/colour)	Up to 81 ppm
Print speed A3 (mono/colour)	Up to 45 ppm
Print resolution	1200 x 1200 dpi x 8 bit; Max.: 1200 x 3600 dpi equivalent
Gradations	Up to 256 levels

SYSTEM SPECIFICATIONS

Paper weight	62-350 g/m ²
Duplex unit	Non-stacking type, 62-350 g/m ²
Paper size	330 x 487mm 330 x 762mm ith LU-202 XLm 330 x 1,300mm with MB-508
Maximum image area	323 x 480 mm (for 330 x 487mm papers)
Paper input capacities	Max.: 15,390 sheets
Maximum paper output capacity	Max.: 13,600 sheets
Warm-up time	Less than 390 sec.
Main unit dimensions (W x D x H)	800 x 903 x 1,041mm
Main unit weight	Approx. 312 kg

CONTROLLER SPECIFICATIONS

IC-313 EFI Fiery controller

Type	External controller
CPU	Intel® Core™ i5-4570S Processor (6M cache, up to 3.6 GHz, quad core)
RAM	8GB
HDD	1 TB
Interface	10Base-T/100Base-TX/1000Base-T

IC-314 Creo Colour Server

Type	External controller
CPU	Intel® Core™ i7-4790S 3.2 GHz
RAM	12 GB (7 GB: system memory; 5GB: image memory)
HDD	3 x 1 TB (1 TB system disk; 2 x 1 TB image disks)
Interface	Ethernet (10Base-T/100Base-TX/1000Base-T) with IPv6, USB 2.0/3.0

IC-605 internal Konica Minolta controller

Type	AIO to the engine (option)
CPU	Conforms with main unit specification
RAM	up to 20 GB high-speed memory
HDD	4 TB (details: 1 TB x4)
Interface	Ethernet (10Base-T/100Base-TX/1000Base-T) with IPv6, USB 2.0

FINISHING MODES (OPTIONAL)

Stapling; Large stacking (trolley-based); Auto-shift sorting and grouping; Punching (2 and 4 holes); Multi (GBC) punching and 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; Booklet making with optional creasing, slitting, spine corner forming; Trimming; Perfect binding

AccurioPress C83hc

RECOMMENDED CONFIGURATIONS



SPECIALS

READY-MADE PRINT PRODUCTS

- 50-sheet booklet making with front trimming and 35-sheet booklets with optional creasing, slitting and spine corner forming
- Perfect binding for books of up to 30 mm
- 100-sheet stapling with cutting mechanism
- For highest automation and enormous productivity
- GBC Binder G1
- GBC Punch G2

DURABLE PERFORMANCE

- Up to 81 A4 pages per minute
- Up to 39 SRA3 pages per minute
- Up to 4,399 A4 pages per hour
- Up to 2,113 SRA3 pages per hour

HIGHEST RELIABILITY

- Long-life platform, long-lasting parts and consumables
- Registration-swing mechanism for accurate duplex registration
- Fusing-rolling mechanism
- For prints with maximum efficiency
- For lucrative short-run printing

EASE OF USE

- Automated real-time engine calibration
- Simple paper catalogue settings
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for more important jobs
- Open API/IWS support

SOPHISTICATED MEDIA HANDLING

- Air-suction or air-assist feeding technology
- Up to 15,390 sheets paper input capacity
- Up to 11 paper input trays
- For enhanced overall productivity
- Banner size up to 1,300 x 330 mm
- Envelope printing support
- Banner duplex printing up to 762 x 330 mm

3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 for producing high quality SquareBack™ books
- Plockmatic SD-500/SD-350 booklet maker with square fold
- For more sophisticated print products

HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFI®, CREO® or proprietary Konica Minolta controller
- Integration into hybrid workflows
- For intuitive operation
- To save time and money

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Large stacking
- Minimised human interaction
- For optimised budgets

ENVIRONMENTAL AWARENESS

- Robust and powerful despite the compact, lightweight body with fewer parts
- Reduced power with HC Toner
- Industry-leading usage ratio of recycled PC and PET
- For reduced environmental impact
- Improved efficiency based on green values

COMPREHENSIVE MEDIA PROCESSING

- Up to 350 g/m² paper weight in simplex & duplex printing
- Envelope printing support
- Reliable thin paper feeding through air blow fusing separation
- Mechanical decurling
- Optional inter-cooler curl eliminator
- For highly flexible print products
- To stand out from the competition

PERFECT IMAGE QUALITY

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



MAXIMISE DIGITAL

To build up their business by completing a wider range of high-volume jobs more efficiently in the fast-growing digital high-volume print market, in-house printers and graphic communications providers need the best performance available on the market. Konica Minolta's flagship models for digital colour on-demand printing reliably deliver the high level of image quality and productivity at competitive prices that you need to satisfy your clients' growing demands. With very fast 100 ppm, and identical high-speed printing for a wide range of paper weights, the AccurioPress C6085/C6100 achieves superior productivity fast – giving you more options to grow your business.



TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

AccurioPress C6085

Print speed A4 (mono/colour)	Up to 85 ppm
Print speed A3 (mono/colour)	Up to 46 ppm
Print resolution	1200 x 1200 dpi x 8 bit Max.: 1200 x 3600 dpi equivalent
Gradations	256 gradations

AccurioPress C6100

Print speed A4 (mono/colour)	Up to 100 ppm
Print speed A3 (mono/colour)	Up to 53 ppm
Print resolution	1200 x 1200 dpi x 8 bit Max.: 1200 x 3600 dpi equivalent
Gradations	256 gradations

SYSTEM SPECIFICATIONS

Paper weight	52–400 g/m ²
Duplex unit	Non-stacking type; 52–400 g/m ² *
Paper size	330,2 x 487,7 mm 330,2 x 762 mm with LU-202XLm 330,2 x 1.300 mm with MB-508
Maximum image area	321 x 480 mm (for 330,2 x 487,7 mm papers)
Paper input capacities	Max.: 13,890 sheets
Paper output capacity	Max.: 13,600 sheets
Main unit dimensions (W x D x H)	950 x 950 x 1,319 mm
Main unit weight	440 kg

CONTROLLER SPECIFICATIONS

IC-313 external EFI Fiery controller

Type	External controller
CPU	CPU Intel® Core i5 4570S
RAM	4 GB high-speed memory
HDD	1 TB
Interface	Ethernet (10/100/1,000-Base-T)

IC-315 external EFI Fiery controller

Type	External controller
CPU	2x Intel® Xeon Quad Core 3.5 GHz
RAM	8 GB high-speed memory
HDD	2x 2,000 GB + 500 GB HDD
Interface	Ethernet (10/100/1,000-Base-T)

IC-314 external Creo controller

Type	External controller
CPU	Intel® Core i7-4790S
RAM	12 GB (8 GB system; 4 GB image)
HDD	3 TB (1 TB system; 2 TB image)
Interface	Ethernet (10/100/1,000-Base-T)

IC-604 internal Konica Minolta controller

Type	Embedded controller
CPU	Intel Core i5 4570S 2,9 GHz
RAM	20 GB high-speed memory
HDD	4 TB
Interface	Ethernet (10/100/1,000-Base-T)

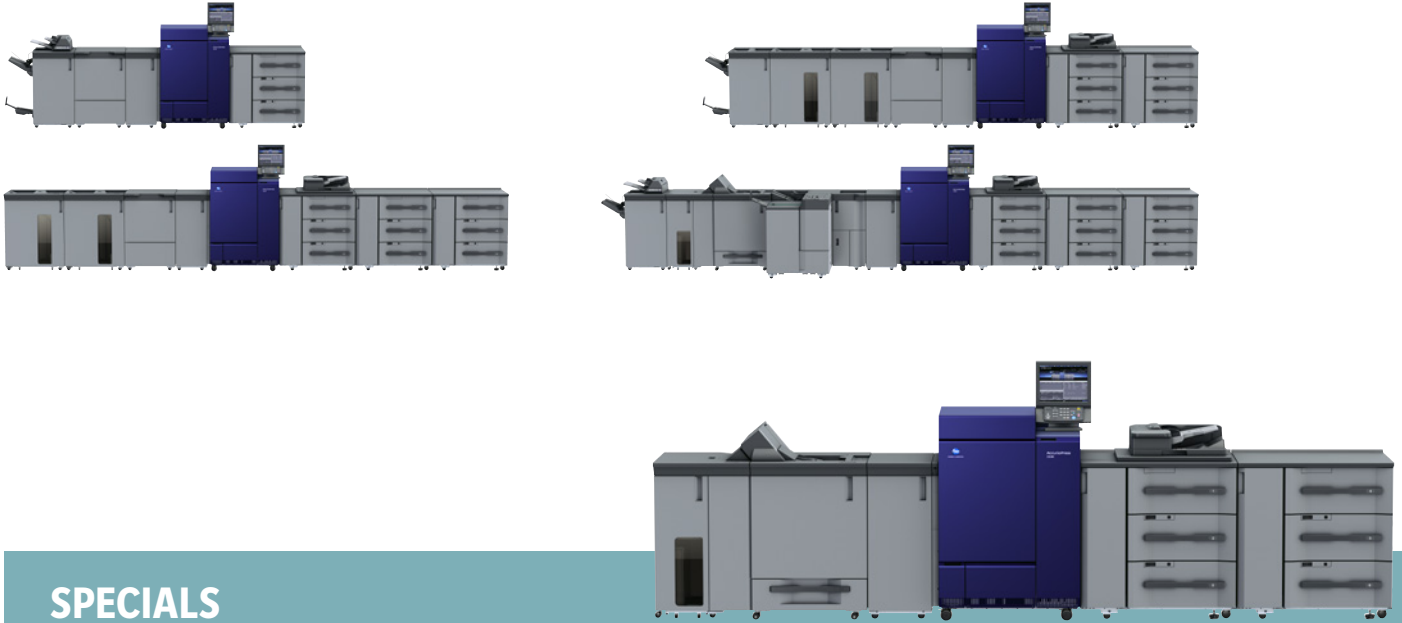
FINISHING MODES (OPTIONAL)

Stapling; large 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; booklet making unit with optional creasing, slitting, spine corner forming; trimming; perfect binding; Interface for 3rd party finishing

AccurioPress

C6100/C6085

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

AccurioPress C6085

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

AccurioPress C6100

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

HIGHEST RELIABILITY

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

HIGH-END PRINT CONTROL

- Flexible choice of controller technology: EFI®, CREO or proprietary Konica Minolta controller
- Integration into hybrid workflows
- For intuitive operation
- Saves time and money

EASE OF USE

- Simple paper catalogue settings
- Operator Replaceable Unit Management (ORUM)
- For maximum ease of operation
- Frees operators for other jobs

SIMPLY EFFICIENT

- Automated engine linearisation
- Automated duplex registration
- Automated profiling
- Real-time adjustments
- Purge function
- For shortest delivery dates
- Less human touches

3RD PARTY FINISHING

- Watkiss PowerSquare™ 224 for square back booklet binding
- Plockmatic SD-500/SD-350 booklet maker with square fold
- 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
- For highest automation and enormous productivity
- For more profit in the print room

GEARED-UP FINISHING

- Multi (GBC) punching and 2- & 4-hole punching
- 6 different types of folding
- Interface for 3rd parties
- Large stacking
- Minimised human interaction
- For optimised budgets

COMPREHENSIVE MEDIA PROCESSING

- Up to 400 g/m² paper weight in simplex and duplex printing
- Long sheet size up to 1,300 mm (Duplex up to 762 mm)
- Reliable thin paper feeding through air-blow fusing separation
- Envelope printing
- Embossed paper support
- Optional inter-cooler curl eliminator
- For highly flexible print products
- To stand out from the competition

PERFECT IMAGE QUALITY

- S.E.A.D. IV technology and 1,200 x 1,200 dpi x 8 bit resolution (equivalent to 1,200 x 3,600 dpi)
- Simitri® HD E toner technology
- Automatic image density control technology
- For new print applications
- For growing your business

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 new 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 g/m ²
Duplex unit	Non-stack type; 52 – 450 g/m ²
Paper sizes (max.)	330.2 x 487.7 mm 330.2 x 900 mm (max. duplex) 330.2 x 1300 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; 800 x 903 x 1,041 mm (P-version)
Main unit weight	319 kg; 312 kg (AccurioPress C3080P)

CONTROLLER SPECIFICATIONS

FIERY IMAGE CONTROLLER IC-319

Architecture	External
OS	Windows 10
CPU	Intel® Xeon 5118
Clock speed	2.3 GHz
RAM std	32 GB
HDD	4.5 TB
Page-description language	Adobe PostScript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-14

FIERY IMAGE CONTROLLER IC-318

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

CREO IMAGE CONTROLLER IC-316

Architecture	External
OS	Windows 10
CPU	Intel i7-8700
Clock speed	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)
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-14

KONICA MINOLTA IMAGE CONTROLLER IC-610

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/XL
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS X 10.11-14

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 Color Care Unit; Aedge trimming, Postcard, Business Card and Banner cutting

AccurioPress

C14000/C12000

RECOMMENDED CONFIGURATIONS



SPECIALS

DURABLE PERFORMANCE

AccurioPress C14000

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

AccurioPress C12000

- Duty Cycle 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: EFI®, 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

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 g/m² paper weight in simplex and duplex printing
- Long sheet size of up to 1,300mm (duplex up to 900mm)
- 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. X
2,400 x 3,600 equiv. dpi x 8bit
- Simitri V toner technology
- Image density control technology

HYBRID UV LED WIDE FORMAT INKJET PRINTER

AccurioWide 160 gives you the versatility of printing on rigid or flexible materials with just one printer. You can print on almost any substrate with ease, up to a thickness of 45 mm. Job applications are endless to meet your customers' demand. Using a thin ink layering technology while maintaining high densities, you will see substantial savings on consumables while maintaining perfectly vivid and bright colors.



TECHNICAL SPECIFICATIONS

MEDIA AND PRINTING SPECIFICATIONS – RIGID MEDIA ENHANCED FEATURES

Max. width	165 cm 160 cm with borderless printing
Max. length	3.2 m – 4 rigid tables (2 rear and 2 front)
Min. size	A2 landscape – 60 x 42 cm
Thickness	Min. 1 mm Max. 45 mm
Max. weight	10 kg/m ² on printing table

MEDIA AND PRINTING SPECIFICATIONS – FLEXIBLE MEDIA

Max. width	165 cm 160 cm with borderless printing
Max. length	N/A – restricted by weight and diameter
Min. thickness	0.2 mm
Max. weight	50 kg
Max. roll outside diameter	Support for 3" (76 mm) core-media rolls with max. outside diameter of 36 cm

PRINT SPEED

Draft mode	Up to 63 m ² /hr
Express mode	44–54 m ² /hr
Production mode	Up to 28 m ² /hr
Standard mode	13–17 m ² /hr
High-quality mode	7 m ² /hr

PRINT HEADS

2 KM1024i print heads (white)	4 color + white – 1,024 nozzles/head with droplet volume of 30 pl (white in-line)
4 KM1024i print heads (color)	4 color + white – 1,024 nozzles/head with droplet volume of 12 pl (colors)
6 KM1024i print heads (color)	6 color – 1,024 nozzles/head with droplet volume of 12 pl (colors)

INK CHANNELS

UV ink	4 color + 2 white – CMYK + white 6 color – CMYKcLm
Ink reservoir capacity	Color: 4 L White: 2.7 L

IMAGE AND TEXT QUALITY

High quality	Up to 720 x 1,440 dpi
Text quality	Positive: 4 points Negative: 6 points

ENGINE DIMENSIONS AND WEIGHT

Main unit dimensions (H x W x D)	166 x 391 x 147 cm
Main unit weight	1,020 kg

MEDIA TABLES

Small media tables (H x W x D)	106.7 x 168.5 x 70 cm
Weight	50 kg

POWER REQUIREMENTS AND COMPRESSED AIR

Power requirements	380/400 V 3-phase star connection with ground wire, 50 Hz, 3x 32A
Air compressor (customer provided)	Oil-free (Class-1 according to ISO 8573-1 2010) 160 L/min compressor with 50 L barrel at 87 psi

SYSTEM INTEGRATION RIP / WORKFLOW SOFTWARE

AccurioPro WideDirector server	Single processor – (1) Intel Xeon 1.7 GHz 6 Core Processor Dual processor – (2) Intel Xeon 1.7 GHz 6 Core Processor
AccurioPro WideDirector software	Production suite, 3rd party RIP integration is possible
AccurioPro WideDirector starter	Dongle (license)

WORKFLOW FEATURES

Seamless print support	Optional
XML to JDF connector	Optional
One-way vision creation	Optional
Production dashboard	Optional

PRINTER ACCESSORIES

Dedicated roll-to-roll	Optional Weight: 50 kg
Large media tables (H x W x D)	Optional 2 tables per set Folded: 106.7 x 168.5 x 79.9 cm Unfolded: 106.7 x 168.5 x 181.9 cm Weight: 80 kg each table

CONSUMABLES

AccurioWide ink	2 x 1 L cyan 2 x 1 L magenta 2 x 1 L yellow 2 x 1 L black 2 x 1 L light cyan (6 color configuration only) 2 x 1 L light magenta (6 color configuration only) 2 x 0.9 L white 2 x 1 L flush
Print head wipes	Berkshire wipes (50 wipes per bag)
Start-up media	Polyester adhesive backed vinyl (152.5 cm x 15 m)

AccurioWide 160



SPECIALS

REINFORCED BEAM

- Ensures that the shuttle moves flawlessly, providing accurate droplet placements.

SHUTTLE SAFETY SENSORS

- Prevents recessed print heads from touching the substrate and getting damaged.

INFLATABLE AIRSHAFT

- In the roll-to-roll mode, inflatable airshafts on both the unwinding and winding side, as well as the media tension roller on the rewinding side, assure perfect tension of the materials for wrinkle-free printing. Standard on the AccurioWide 200; an option for the AccurioWide 160.

MEDIA HANDLING

- Loading media is a smooth and accurate process thanks to automated features of the media registration bar and the head height adjustment. The automatically controlled vacuum system consists of two to four zones, delivering an equal vacuum suction to ensure flawless media transport, producing accurate print results time and time again.

IONIZATION BARS

- Ionization bars are mounted on the carriage, removing electrostatic charges on the substrate material. This ensures optimum and accurate ink droplet placement.

INK MONITORING

- The automatic ink refill system monitors UV ink levels. The ink refilling system can be easily accessed, enabling a spotless refill of your ink reservoirs. The white ink is managed by a fully separate system. The tank is equipped with a stirring mechanism to keep the ink properly mixed at all times.

LED LAMPS

- Air-cooled UV LED lamps provide a huge savings on energy consumption. Due to the minimal energy output, they're ideal for thermal sensitive materials such as thin film, self-adhesive sheets and stretched PVC materials.

OPERATOR INTERFACE

- The graphic user interface (GUI) is located on a convenient swivel-arm with a mounted touchscreen. Printed files are spooled, viewed and stored by an internal bitmap server with a hard drive capacity of 1 TB for rasterized images that ensures fast spooling and secure transfer of large amounts of data.

CAPABLE TO PRINT ALMOST EVERYTHING

AccurioWide 200 gives you the versatility of printing on rigid or flexible materials with just one printer. You can print on almost any substrate with ease, up to a thickness of 45 mm. Job applications are endless to meet your customers' demand. Using a thin ink layering technology while maintaining high densities, you will see substantial savings on consumables while maintaining perfectly vivid and bright colors.



TECHNICAL SPECIFICATIONS

MEDIA AND PRINTING SPECIFICATIONS – RIGID MEDIA ENHANCED FEATURES

Max. width	205 cm
	200 cm with borderless printing
Max. length	3.2 m – 4 rigid tables (2 rear and 2 front)
Min. size	A2 landscape – 60 x 42 cm
Thickness	Min. 1 mm
	Max. 45 mm
Max. weight	10 kg/m ² on printing table

MEDIA AND PRINTING SPECIFICATIONS – FLEXIBLE MEDIA

Max. width	205 cm
	200 cm with borderless printing
Max. length	N/A – restricted by weight and diameter
Min. thickness	0.2 mm
Max. weight	50 kg
Max. roll outside diameter	Support for 3" (76 mm) core-media rolls with max. outside diameter of 36 cm

PRINT SPEED

Draft mode	Up to 104 m ² /hr
Express mode	64–71 m ² /hr
Production mode	32–52 m ² /hr
Standard mode	19–28 m ² /hr
High-quality mode	8–15 m ² /hr

PRINT HEADS

2 KM1024i print heads (white)	6 color + white – 1,024 nozzles/head with droplet volume of 30 pl (white in-line)
4 KM1024i print heads (color)	6 color + white – 1,024 nozzles/head with droplet volume of 12 pl (colors)

INK CHANNELS

UV ink	6 color + 2 white – CMYK + white
ink reservoir capacity	Color: 4 L White: 2.7 L

IMAGE AND TEXT QUALITY

High quality	Up to 720 x 1,440 dpi
Text quality	Positive: 4 points Negative: 6 points

ENGINE DIMENSIONS AND WEIGHT

Main unit dimensions (H x W x D)	177 x 450* x 160 cm
Main unit weight	1,800 kg

MEDIA TABLES

Small media tables (H x W x D)	106.7 x 223.5 x 63.5 cm
Weight	40 kg

POWER REQUIREMENTS AND COMPRESSED AIR

Power requirements	380/400 V 3-phase star connection with ground wire, 50 Hz, 3x 32A
Air compressor (customer provided)	Oil-free (Class-1 according to ISO 8573-1 2010) 160 L/min compressor with 50 L barrel at 87 psi

SYSTEM INTEGRATION RIP / WORKFLOW SOFTWARE

AccurioPro WideDirector server	Single processor – (1) Intel Xeon 1.7 GHz 6 Core Processor Dual processor – (2) Intel Xeon 1.7 GHz 6 Core Processor
AccurioPro WideDirector software	Production suite, 3rd party RIP integration is possible
AccurioPro WideDirector starter	Dongle (license)

WORKFLOW FEATURES

Seamless print support	Optional
XML to JDF connector	Optional
One-way vision creation	Optional
Production dashboard	Optional

PRINTER ACCESSORIES

Dedicated roll-to-roll	Included Weight: 50 kg
Large media tables (H x W x D)	Included 2 tables per set Folded: 107 x 218 x 99 cm Unfolded: 107 x 218 x 185 cm Weight: 60 kg each table

CONSUMABLES

AccurioWide ink	2 x 1 L cyan 2 x 1 L magenta 2 x 1 L yellow 2 x 1 L black 2 x 1 L light cyan 2 x 1 L light magenta 2 x 0.9 L white 2 x 1 L flush
Print head wipes	Berkshire wipes (50 wipes per bag)
Start-up media	Polyester adhesive backed vinyl (152.5 cm x 15 m)

AccurioWide 200



SPECIALS

REINFORCED BEAM

- Ensures that the shuttle moves flawlessly, providing accurate droplet placements.

SHUTTLE SAFETY SENSORS

- Prevents recessed print heads from touching the substrate and getting damaged.

INFLATABLE AIRSHAFT

- In the roll-to-roll mode, inflatable airshafts on both the unwinding and winding side, as well as the media tension roller on the rewinding side, assure perfect tension of the materials for wrinkle-free printing. Standard on the AccurioWide 200; an option for the AccurioWide 160.

MEDIA HANDLING

- Loading media is a smooth and accurate process thanks to automated features of the media registration bar and the head height adjustment. The automatically controlled vacuum system consists of two to four zones, delivering an equal vacuum suction to ensure flawless media transport, producing accurate print results time and time again.

IONIZATION BARS

- Ionization bars are mounted on the carriage, removing electrostatic charges on the substrate material. This ensures optimum and accurate ink droplet placement.

INK MONITORING

- The automatic ink refill system monitors UV ink levels. The ink refilling system can be easily accessed, enabling a spotless refill of your ink reservoirs. The white ink is managed by a fully separate system. The tank is equipped with a stirring mechanism to keep the ink properly mixed at all times.

LED LAMPS

- Air-cooled UV LED lamps provide a huge savings on energy consumption. Due to the minimal energy output, they're ideal for thermal sensitive materials such as thin film, self-adhesive sheets and stretched PVC materials.

OPERATOR INTERFACE

- The graphic user interface (GUI) is located on a convenient swivel-arm with a mounted touchscreen. Printed files are spooled, viewed and stored by an internal bitmap server with a hard drive capacity of 1 TB for rasterized images that ensures fast spooling and secure transfer of large amounts of data.

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 JETVARNISH 3DS turns printed jobs into spectacular and irresistible print products that will immediately catch the attention of your customers. With the JETVARNISH 3DS, 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 iFOIL S gives you a glamorous effect.



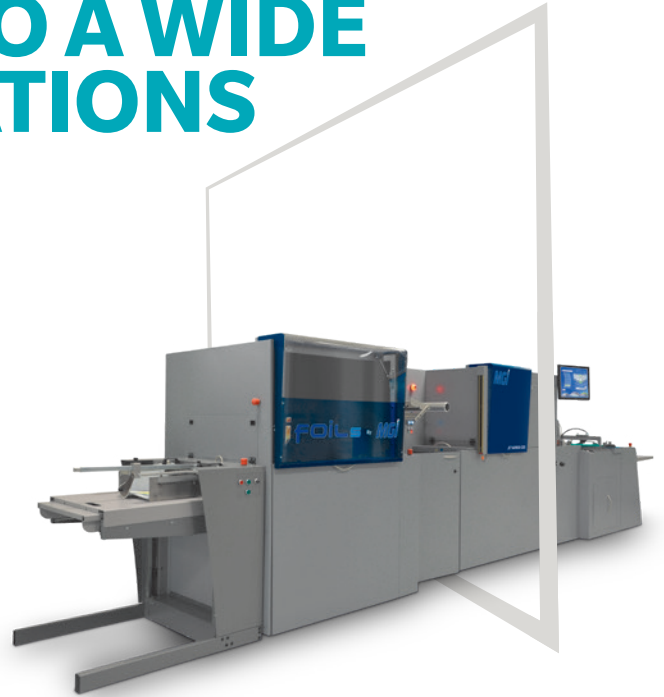
Digital spot UV coating & hot foil stamping



A4 to 36,4 x 102 cm



Up to 2,298 A3 pages per hour



TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS – JETVARNISH 3DS

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 – 232 µm* for 3D raised effects and tactile finish. On toner and coated paper: 30 µm – 116 µm/232* µm for 3D raised effects and a 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 real-time automated sheet-to-sheet registration process. No crop mark required.
Formats	Min. 21 x 29.7 cm / 8 x 11.8" Max. 36.4 x 102 cm / 14.33 x 40.15" Max. Printable Width 35.3 cm
Substrate thickness	Min: 135 g/m ² and not less than 150 µm or 6 mil before printing & lamination Max: 450 g/m ² and not more than 450 µm or 18 mil before printing & lamination Motorized height-adjustment print heads
Substrates**	Min: 135 g/m ² and not less than 150 µm or 6 mil before printing & lamination Max: 450 g/m ² and not more than 450 µm or 18 mil before printing & lamination Motorized height-adjustment print heads
Varnish on toner	Spot 3DS 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 up to 30 cm 2,500 sheets at 135 g/m ²
High pile output stacker	Stacker able to handle a paper pile up to 30 cm 2,500 sheets at 135 g/m ²
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

Twin bar option:
2nd print engine to increase 3D print speed and coating thickness, up to 232 µm variable data option.
Variable data option:
Complete system including RIP, barcode reader and MGI software to automatize the association between a pre-printed barcode and its specific spot coating file

Dimensions (L x W x H)

4.26 (5.47*) x 1.14 x 1.80 meter (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

Temperature: 18 to 30°C
Environment Relative humidity: between 35 – 55% (no condensation)

Respecting the environment

Eliminates resource waste (wasted electricity, environment 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.

JETVARNISH 3DS + iFOILS

PRODUCT SPECIFICATIONS - IFOILS

Production speed	Up to 2,298 A3 sheet size per hour (or 20 meters/min)
Formats	Min: 21 x 29.7 cm Max: 36.4 x 102 cm
Hot foil stamping area	32 x 102 cm
Substrate thickness	Min: 135 g/m ² and not less than 150 µm/6 mil before printing and lamination Max: 450 g/m ² and not more than 450 µm/18 mil before printing and lamination Motorised height-adjustment print heads
Substrates	Most matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other coated materials. Most digital prints without any lamination or coating.
Foil rolls	Standard internal core: 1 inch - Min./Max. widths: 10/36 cm 400 meter length (average) Up to 2 rolls loaded simultaneously on the same holder 3" internal core is optional
Embossing	From 21 µm to 116 µm thickness From 21 µm to 232 µm thickness (Twin Bar optional)
Compatibility	Online module that connects to all JETVARNISH 3DS
Dimensions (L x W x H)	2.09 x 1.24 x 1.80 meter
Weight	± 850 kg
Electrical requirements	7.5 kW (32 A) at 220-240 V - 50/60 Hz 2 plugs CEE/IP44 32A (1P+N+E)
Options	High capacity stacker for paper stacking up to 60 cm paper height 3" core inch foil holder



SPECIALS

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's inkjet technology
- With genuine Konica Minolta piezoelectronic printheads
- Produce any line thickness from 0.5 mm to as wide as the sheet

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
- Saves time and money

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

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

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 232 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 PRINTING

- 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

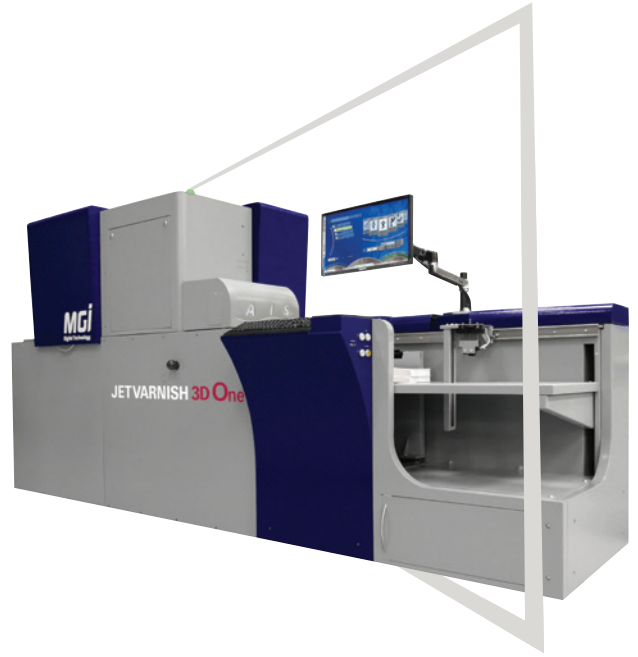
- Barcode reader option available
- For Variable Data Printing
- For spot UV coating without manual intervention

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

ADDITIONAL VALUE WON PRINT JOBS

Don't limit yourself to beautifully printed jobs any longer - it's time to offer your customers more value and creativity ! The JETVARNISH 3D One turns printed jobs into spectacular and irresistible print products that will immediately catch the attention of your customers. With the JETVARNISH 3D One, 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.



TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS

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. On toner and coated paper: 30 µm - 116 µm for 3D raised effects and a 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 1,260 A3 sheets per hour (with 51 µm) Up to 547 A3 sheets per hour (with 116 micron)
Registration	SmartScanner coupled with Artificial Intelligence (AIS) for fully real-time automated sheet-to-sheet registration process. No crop marks required.
Formats	Min. 21 x 29.7 cm Max. 36.4 x 75.0 cm Max. Printable Width 35.3 cm
Substrate thickness	Min: 135 g/m2 and not less than 150 µm or 6 mil before printing & lamination; Max: 450 g/m2 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 3D One coat directly onto most digital prints with no lamination or coating required.
UV coatings and capacity	varnish delivered with a 10-litre tank capacity

High capacity Automatic feeder	Feeder able to handle a paper pile up to 30 cm; 2,500 sheets at 135 g/m2
Paper Tray	Tray able to handle a paper pile up to 15 cm or approximately 1,250 sheets at 135 g/m2 All paper formats from A4 up to 36.4 x 75 cm
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
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 Options	Integrated user-friendly LCD touch-screen Automatic PDF File Converter (including RIP); VDP barcode camera (requires Automatic PDF File Converter); AIS SmartScanner Lighting for metallized substrates
Dimensions (L x W x H)	4.02** x 1.41 x 1.80 meter; 1 meter clearance required on all 4 sides
Weight	± 1,200 kg
Electrical requirements	V: 220-240V 50-60Hz; A: 20; plug: 2 plugs CEE 17 IP44 32A (32A 250V, 1P+N+PE); RCD 30mA; C curve 32A breaker
Operating	Temperature: 18 to 30°C Environment Relative humidity: between 30 - 55% (no condensation)
Respecting 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.

JETVARNISH 3D One



SPECIALS

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

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 mask
- Wide range of substrates possible

KONICA MINOLTA PRINT HEADS

- Exclusive MGI's inkjet technology
- With genuine Konica Minolta piezoelectric printheads
- Produce any line thickness from 0.5 mm to as wide as the sheet

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
- Saves time and money

VARIABLE DATA OPTION

- Barcode reader option available
- For Variable Data Printing

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

HIGH PRODUCTIVITY WITH SINGLE PASS PRINTING

- Up to 2,077 A3 sheets/hour with varnish thickness of 21 µm (2D/flat mode)
- 1,260 A3 sheets/hour with varnish thickness of 51 µm (3D mode)
- Up to 547 A3 sheets/hour with varnish thickness of 116 µm (3D mode)

VARNISH DIGITAL AND OFFSET PRINTS

- Varnishing on toner without lamination
- Varnishing on offset prints
- Accurate sheet-to-sheet registration with the AIS SmartSanner technology
- Quick and easy setup supports digital printing business model

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

BRILLIANT FOIL EFFECTS ON DIGITAL AND OFFSET JOBS

If you are looking into differentiating and upgrading your services, 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. And 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 size per hour

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS - MGI JETVARNISH 3D EVOLUTION

Printing technology	Exclusive MGI inkjet engine technology Drop-on-Demand (DoD) inkjet application Piezoelectric print heads in single pass printing
Coating thicknesses	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 a real-time fully automated sheet-to-sheet registration process No crop marks required
Formats	Min: 42 x 29.7 cm Standard: 52 x 105 cm Max: 52 x 120 mm with optional pallet feeder and stacker Options: 64 x 120 cm or 75 x 120 cm
Printable areas	Max: 51 cm Options: 63 cm or 74 cm
Substrate thickness	Min: 135 g/m ² and not less than 150 µm before printing & lamination Max: 800 g/m ² *** and not more than 800 µm before printing & 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 75 x 120 cm sheets *** Approximately 4,000 sheets at 135 g/m ²
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 - IFOILL	
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 + IFOILL

Dimensions (L x W x H)	Up to 12.72 x 1.86 x 1.84 meter (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, graphic, image) for both 2D/3D spot coating and hot foiling areas - Integrated barcode (1D/2D) reader system & controller - Raster Image Processor (RIP) as an option
64 cm Evo kit for upgrade enhancement	Option or later update for printing of up to 64 x 120 cm sheet size
75 cm Evo kit for upgrade enhancement	Option or later update for printing of up to 75 x 120 cm sheet size

MGI
Digital Technology

JETVARNISH 3D Evo
Digital varnish & iFOIL



SPECIALS

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 EMBOSSING 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 three different widths that can be upgraded on demand for increased productivity:
 - 52 x 105 cm
 - 64 x 120 cm
 - 75 x 120 cm
- Upgradable with EVO Extension Kits: 64 x 120 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

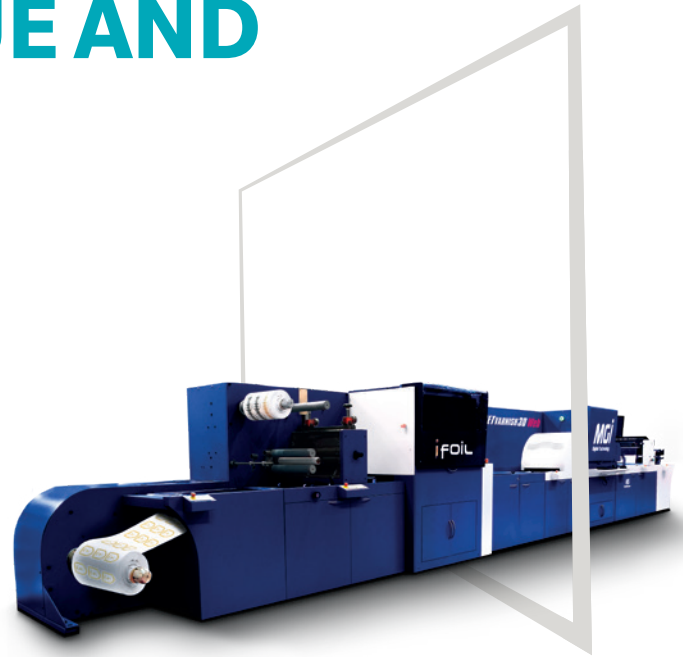
- Up to 3,123 ISO B2 sheets per hour
- Print speed can be increased to 4,200 ISO B2 sheets per hour with printable width of 75 cm enabled
- Up to 2,291 ISO B1 sheets per hour
- For high-volume productivity

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 are looking for a digital way to differentiate their services. 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 - MGI JETVARNISH 3D WEB

Printing Speeds	Up to 42m/min ¹ (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 ² to 232 ² 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.
UVVarnish	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

Dimensions & Weight

Flexo: All manufacturers and technologies: UV or Water based
Up to 11.85³ x 1.58 x 1.81 m (L x W x H)
1 meter 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



SPECIALS

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 file
- 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 emphasized 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 up to 42 m/mn
- For tactile and embossing effect from 7 to 232 microns (μm)

PROFITABLE LABEL PRODUCTION IN SMALL BATCHES

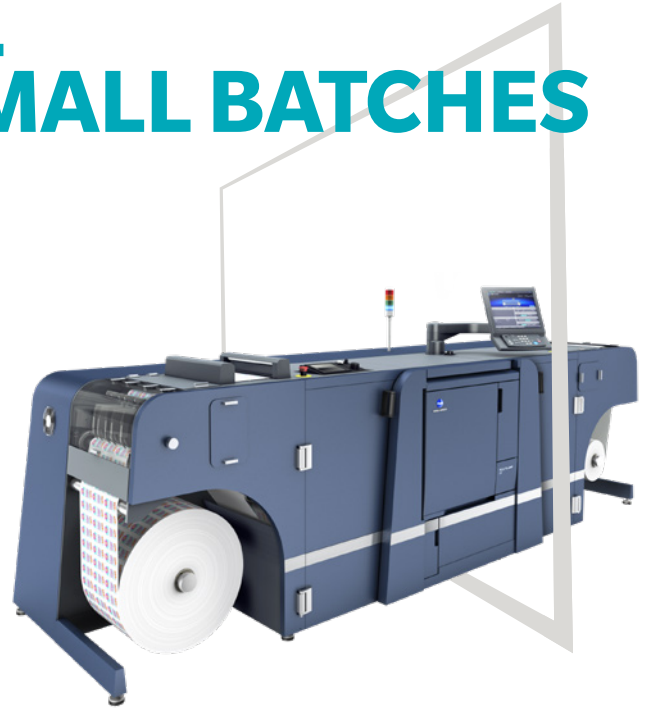
Label converters and commercial printers face an increasing number of print jobs for small to medium editions, which they are expected to produce in ever-shorter processing times. With conventional flexo and offset printing, it is hardly possible to produce such orders profitably. Meanwhile though, they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



23.4 m/min
in colour



1,200 x 1,200 dpi
print resolution



TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Resolution	1,200 x 1,200 dpi x 8 bit 1,200 x 3,600 dpi equivalent
Print speed A3	330 mm
Paper width	1195 x 320 mm
Max. printing image size	Max. 320 mm
Printed image width	18.9 m/min., 13.5 m/min., 9.45 m/min. Speed depends on the paper type (standard speed: 13.5 mm)
Feeding speed (printing speed)	3,869 x 1,138 x 1,480 mm
Main unit dimensions (W x D x H)	947 kg
Unit weight	Integrated web guide system (BST) on unwinder and rewinder
Web control	Capability to connect selected finishing device
Converting	Up to 36 ppm

CONTROLLER

Internal Konica Minolta own controller IC-602

OPTIONS

Web cleaning system; Air compressor (if no air supply available on site); Length slitting crush knives

AccurioLabel 230



SPECIALS

HIGH PRINTING SPEED

- Equipped with top level speed and printing performance in the class
- Per-minute speeds of 18.9 m, 13.5 m and 9.45 m can be selected to match the media used
- The fast start up 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 190 ensures ease of maintenance
- Time consuming tasks on analogue machine, as colour adjustments, can be performed at ease 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



MAKE INKJET 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.



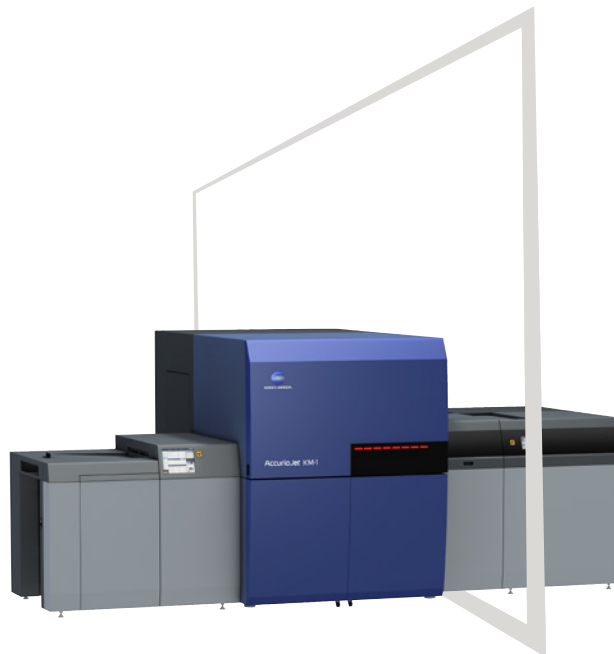
B2+ perfecting sheet-fed full colour UV inkjet digital press



B2 (up to 585 x 750 mm)



3,000 sph (simplex) /
1,500 sph (perfected)

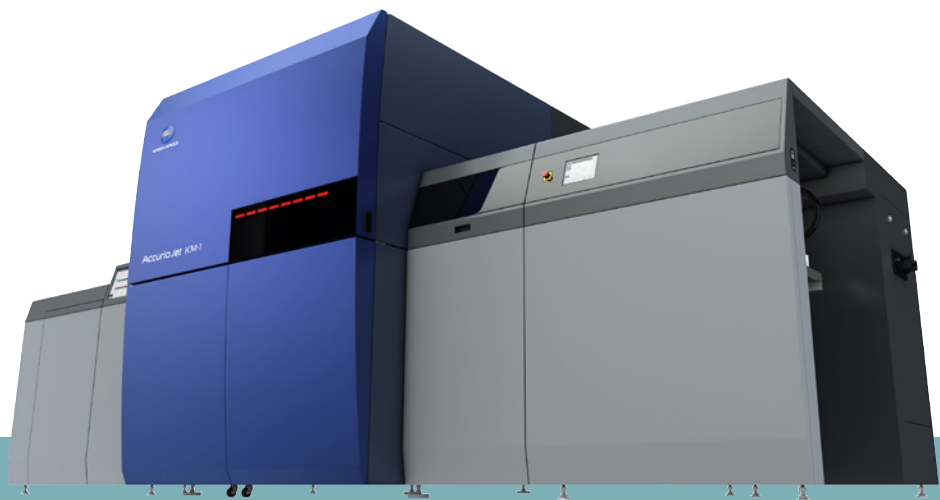


TECHNICAL SPECIFICATIONS

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 (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 facility: Approx. 2,000 kg

AccurioJet KM-1e



SPECIALS

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

- AccurioJet KM-1e 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.

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

- KM-1e 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 0.45mm 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 AccurioJet KM-1 robust and reliable and keeps it constantly available for production at the highest level.

WELL EQUIPPED FOR PACKAGING MARKET

- The AccurioJet KM-1 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-1 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.

COMPACT DESIGN AND A SMALL FOOTPRINT MAKE THIS THE PERFECT ROLL TO CUT SOLUTION

The KM-R330 is a powerful narrow web version of the wide web KM-R540 continuous feed digital inkjet press. Offering the same quality and productivity advantages of the Konica Minolta inkjet print systems paired with compact press design, both models set new standards in high-speed and high-quality digital inkjet printing. As a feature-rich solution for today's most challenging printing applications, the KM-R330 is designed to support commercial printers that want to maintain the cut sheet workflow and take advantage of a perfect tool for publishing, direct mail and transactional markets.



Continuous feed colour inkjet press



Up to 330 mm



Up to 714 A4 duplex pages per minute

TECHNICAL SPECIFICATIONS

PERFORMANCE

Recommended duty cycle	6 – 18 million A4 impressions per month
Recommended number of copies per job	>500
Throughput	Up to 714 A4 duplex pages per minute @ 600 x 600 dpi 476 A4 duplex pages per minute @ 600 x 1200 dpi
Printing speeds	100 mpm @ 600 x 1200 dpi 150 mpm @ 600 x 600 dpi 150 mpm @ 600 x 900 dpi

PAPER HANDLING

Printing width	300 mm
Paper width	210 – 330 mm
Cut length	148 – 440 mm
Maximum stack height	210 mm
Unwinder	Center driven
Finishing	Horizontal cutter, continuous offset stacker
Paper weights	Automatic (no manual mechanical adjustments required) 60 – 160 gsm (lower than 80 gsm need to be tested)
Printing direction	Left to right
Web cleaner	Included (1)
Web guide	Included

AMBIENT CONDITIONS

Footprint	ca. 8 m x 2.5 m
Machine height	ca. 2 m tba
Power Input	3 x 400/480 V (3L, N, PE); 50/60 Hz (current: tba, Approx. 125 A)
Air Input	6 ar (clean, dry air), supply: 600 lt/min
Communication	During warranty period, connection to internet (Ethernet or mobile network) is required if remote support is desired
Exhaust air	2 x 160 mm diameter, 2000m ³ /h
Operating environment	20 – 26°C, 40 – 60% RH non condensing Clean and dustfree environment
Weight	tba
Operating noise	Less than 78 dBA

KM-R330



SPECIALS

ONLINE COATING UNIT

- For a better support of different substrates
- To achieve the highest quality in any type of paper without extra processes

REDUCED COSTS

- Single-engine duplex frame and compact end-to-end footprint keeps installation costs down and margins up

EXPERIENCED TECHNOLOGY OFFERING

- Pre & post processing equipment
- Coating & tinting equipment
- Drying technology
- Custom bespoke equipment
- Finishing equipment

HIGH QUALITY

- Konica Minolta inkjet print engine technology delivers sharp text and stunning colour with true 1200 x 600 dpi and duplex productivity of up to 714 pages per minute

ADDITIONAL FINISHING OPTIONS

- Integrated in-line finishing is standard, including sheeter delivery, web dryers, and stacking for continuous operation. Additional finishing options are available to meet specific application needs
- Offset separation of jobs

SIMPLY EFFICIENT

- Recommended duty cycle: 6 – 18 million A4 impressions per month
- With print speed of up to 150 mpm
- Operator-replaceable printheads and ink systems keep running costs low and profits high

A NEW STANDARD FOR PRODUCTIVITY AND QUALITY ON DIGITAL INKJET WEB MARKET

The KM-R540 offers quality and productivity to the commercial printers in the publishing, direct mail and transactional markets. With a compact design and small space requirements, it makes for the perfect continuous-feed, all-in-one solution to print simplex and duplex on the same machine. KM-R540 is built with Konica Minolta experience in inkjet technology, advanced aqueous dye-based inks and user-replaceable printheads. The KM-R540 sets a new standard for high-speed, high-quality digital inkjet web presses.



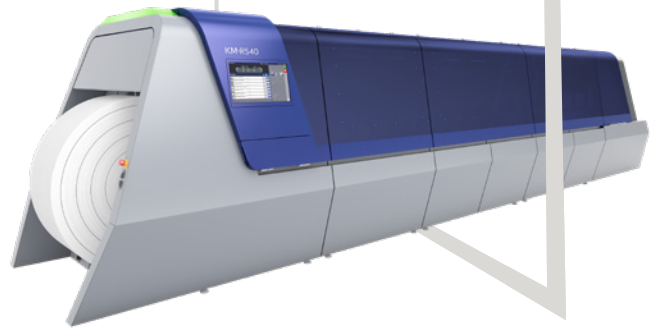
Continuous feed colour inkjet press



Up to 540mm



Up to 1346 A4 duplex per minute



TECHNICAL SPECIFICATIONS

PERFORMANCE

Recommended duty cycle	10 – 40 million A4 impressions per month
Recommended number of copies per job	>500
Throughput	1,346 A4 duplex pages per minute @ 600 x 600 dpi 673 A4 duplex pages per minute @ 600 x 1200 dpi
Printing speeds	100 mpm @ 600 x 1200 dpi 150 mpm @ 600 x 900 dpi 200 mpm @ 600 x 600 dpi

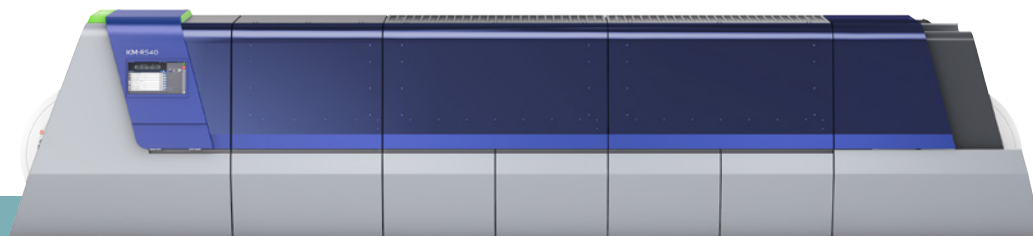
PAPER HANDLING

Printing width	525 mm
Paper width	350 – 540 mm
Unwinder	Center driven
Rewinder	Center driven, including pressure roller
Finishing	Horizontal cutter, continuous offset stacker
Paper weights	60 – 250 gsm (lower than 80 gsm need to be tested)
Printing direction	Left to right
Web cleaner	Included (1)
Web guide	Included

AMBIENT CONDITIONS

Footprint	ca. 8 m x 2.5 m
Machine height	ca. 2 m tba
Power Input	3 x 400/480 V (3L, N, PE); 50/60 Hz (Approx. 125 A)
Air Input	6 bar (clean, dry air), supply: 600 lt/min
Exhaust air	2 x 160 mm diameter, 2500 m ³ /h
Operating environment	20 – 26°C, 40 – 60% RH non condensing Clean and dustfree environment
Weight	tba
Operating noise	Less than 78 dBA

KM-R540



SPECIALS

ONLINE COATING UNIT

- For a better support of different substrates
- To achieve the highest quality in any type of paper without extra processes

REDUCED COSTS

- Single-engine duplex frame and compact end-to-end footprint keeps installation costs down and margins up

EXPERIENCED TECHNOLOGY OFFERING

- Pre & post processing equipment
- Coating & tinting equipment
- Drying technology
- Finishing equipment

HIGH QUALITY

- Konica Minolta inkjet print engine technology delivers sharp text and stunning colour with true 1200 x 600 dpi and duplex productivity of 1,346 pages per minute

INTEGRATED SOLUTIONS

- Single-supplier integrated solutions include a 540 mm roll stand for a media range of 60 gsm to 250 gsm stock of uncoated plain, inkjet-optimized, and coated papers.
- Able to handle different stock of paper, from uncoated, inkjet-optimized and coated papers.

SIMPLY EFFICIENT

- Recommended duty cycle: 10 – 40 million A4 impressions per month
- With print speed of up to 200 mpm
- Operator-replaceable printheads and ink systems keep running costs low and profits high

motioncutter 20/23

Motioncutter is a very compact digital high-speed laser system to be used in the printing industries to cut, filigree cut, kiss cut, engrave, score, perforate and micro perforate materials sensitive to a laser. All these functions can run simultaneously for each sheet and with all these functions it can also personalize utilizing the namecut® function. Applicable materials are printed or plain natural or coated paper sheets made of Cellulose or synthetic sheets. motioncutter can be run fully automated reading a barcode at the feeder to identify and to load the matching job file and job settings for each sheet from a hotfolder.



digital high-speed
laser cutter system



up to 585x750mm



up to 40 m/min.

TECHNICAL SPECIFICATIONS

FEEDER

Max. pile height	approx. 600 mm
Paper thickness	80 - 500 g/m ²
Min. paper dimension	120 x 120 mm
Max. paper dimension	529 x 750 mm* 585 x 750 mm**

MACHINE

Length	1.440 mm
Width	1560 mm
Height	2350 mm
leveling feet	4
distance to cutting belt	approx. 527 mm
max. suction power	approx. 3500 m ³ /h

CONVEYOR BELT + CLEANING STATION

Length	2200 mm
Height	930 mm
Speed continuously adjustable	from 0 - 40 m/min
Dynamic tolerance	± 0.2 mm / ± 200 µm
Max. infeed width	580 mm
Reservoir and tank with circulating pump	approx. 35 liters

LASERHEAD

laser bulb	Class 4
Wavelength	10.6 µm
Puls frequency	0.01 - 100 kHz
CO2 sealed-off laser source	250 Watt***
Stability in continuous operation	± 5%
max. deflection speed	11,000 mm/s
expected life time approx.	15,000 operating hours
Physical working area	512 x 512 mm
Dynamic tolerance	± 0.2 mm / ± 200 µm

SYSTEM SPECIFICATIONS

Lasersource	CO2 sealed-off, 400 Watt, 10.6 µm wavelength
Mirrorsystem	50 mm aperture for fine spot diameter about 220 micron, Positioning speed up to 11.000 mm/s
Working area	Width 512 mm, length up to 4.000 mm
Cooling	Chiller with closed water circuit
Beltsystem	Patented (PCT) metal mesh belt, transport speed 0 - 45 m/min
Feeder	Pile feeder for dimension A4 up to 530 x 750 mm (585 x 750 will be available)
Extraction	Build in turbo fan system leading directly to the outside
Power	3 Phases 4 Wires 400 V secured to 32 Amps, Average power consumption 8 kW/h
Safety Standard	Class 1 lasersystem, IEC EN 60825-1:2014 compliant, FDA compliant
Connection	24" Touch PC with Windows 10 embedded
Software	Streamlined User Interface with hot folder workflow
Data format	SVG from graphic software (ex. Adobe Illustrator)

* Can be extended to paper length 1,000 mm

** only on Motioncutter23

*** 450 Watt optional



SPECIALS

CUT

- The range of possibilities is infinite and goes from simple technical cuts to complex filigree ornaments

KISS CUT

- Precise laser control allows to cut only the first layer of an adhesive without marking the backing paper.

ENGRAVE

- Remove print and coatings to create stunning visual effects. Use on thicker materials to make them stand out and come alive.

CREASE

- Keep the integrity of your print as the laser creases don't break the paper fibers on folding. Excellent for prototyping or even long runs.

PERFORATE

- From Micro-perforation up to holding points: Choose the right perforation that fits perfect to the substrate and your demands.

NAMECUT

- Cut names or any other personalized data out of a CSV-file or QR-Code and reach people in a very personal and emotional way.



KONICA MINOLTA

- All specifications refer to A4-size paper of 80 g/m² 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.
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