



Giving Shape to Ideas

Digital Inkjet Color Printing. Revolutionized.

inkjet

29-Inch Sheet-Fed UV Color Inkjet Press



AccurioJet KM-1



Extraordinary. Konica Minolta has combined the speed and flexibility of offset presses with the digital benefits of variable data printing and zero make ready—plus the extraordinary advantages of larger 23" x 29.5" sheet size, a wider range of paper thickness, and the flexibility to print on coated or uncoated stock, art papers, textured stock and more, all without any pre-coat or special papers. The result will revolutionize your ability to produce short-run variable data jobs with short lead times—and with no compromise in quality, because the AccurioJet KM-1 will rival the color output of traditional offset equipment.

Paper Flexibility

The AccurioJet KM-1 offers you greater flexibility, including up to 23" x 29.5" sheet size—allowing for 6-up letter size printing.

Sheet thickness of up to 0.6 mm in single-sided printing and 0.45 mm in double-sided printing for a wider range of commercial print and packaging applications.

Print on a wide range of offset coated and uncoated paper, even textured papers—eliminating the need for special substrate qualities or special treatment before or after printing.

Superior Stability

The AccurioJet KM-1 provides absolute consistency in paper-feeding, registration, image quality and repeatability—job after job. Stability is assured by a very high front-to-back registration accuracy using gripper-to-gripper sheet transfer in the KM-1's sheet reversal mechanism.

Outstanding Image Quality

Konica Minolta's original print head design and exclusive UV ink technology delivers outstanding inkjet performance.

Image quality, color gamut and glossiness rivals offset presses thanks to the Konica Minolta's newly developed high-resolution print heads for true 1,200 x 1,200 dpi print resolution.

Konica Minolta's UV ink is lightfast and easy-to-handle—no fading of prints or colors, no special operator training is required. Instant drying means that small-lot, short-turnaround jobs can be immediately sent to the next process in production.

High Productivity

The AccurioJet KM-1 can produce up to 3,000 sheets per hour simplex, 1,500 sheets per hour duplex—a strong competitive advantage at times of peak demand.

Variable Data Printing

The AccurioJet KM-1 is ideal for variable data printing applications that build customer relationships and grow your business.



Printing Applications

The KM-1 will enable you to expand your print applications with larger sheet sizes for 3-panel and 4-panel brochures, pocket folders, posters, point-of-purchase graphics, dust jackets, wrap-around book covers and even light packaging applications.

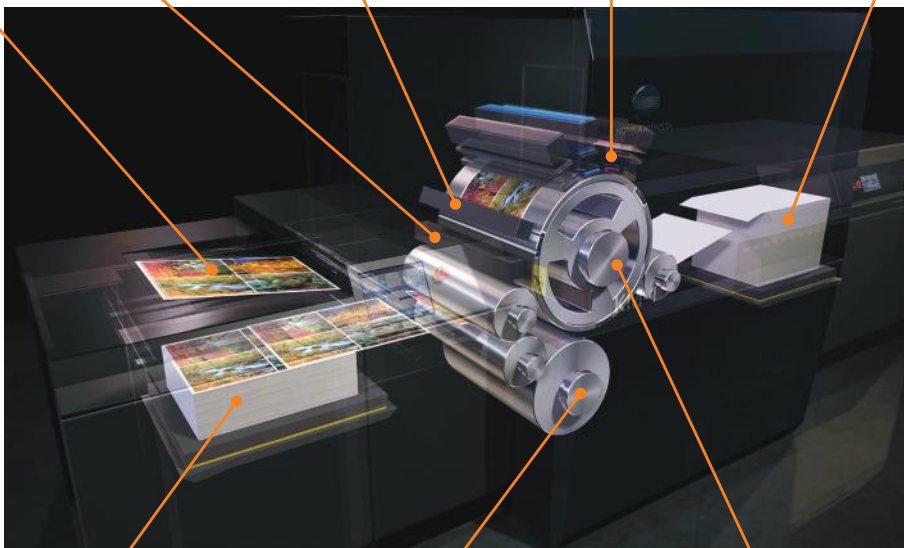
revolutionary

29-Inch Sheet-Fed UV Color Inkjet Press Means 6-Up Imposition (US Letter Size)

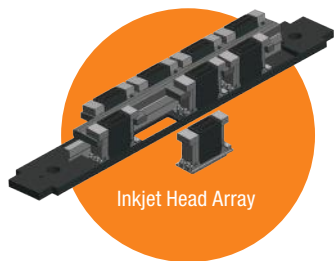
Imagine a revolutionary new digital inkjet press on your production floor—a compact color press that gives you the ability to print letter 6-up, produce the equivalent of 300 letter size pages per minute and handle not only commercial print jobs with variable data, but also light packaging applications for folding cartons. The AccurioJet KM-1 does it all. Its unique design marries Konica Minolta's UV ink, high-speed inkjet head technology and state-of-the-art image processing system with a proven expertise in stable sheet path control and two-sided printing with superb registration accuracy. The KM-1 is your ideal solution for fast turnaround, high-quality, reliable color printing—sheet to sheet and job to job.

The AccurioJet KM-1 is your ideal solution for fast turnaround, high-quality, reliable color printing—sheet to sheet and job to job.

- Print Sample Output Tray
- Inline Sensors for Quality Assurance
- LED UV Array for Instant Curing of Ink
- CMYK Inkjet Head Array: Single Pass, High Definition
- Sheet Feeder Input



- Sheet Delivery Exit
- Sheet Reversal Mechanism for Double-Sided Printing
- Main Cylinder with Grippers for Precise Sheet Registration



Inkjet Head Array

Easy Maintenance

The KM-1 is designed so your operator can perform routine maintenance and change print heads and parts, just as with offset equipment—so waiting for service calls won't compromise your productivity.



Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

Information Management

Enterprise Content Management (ECM)
Document Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance
Mobility

IT Services

Application Services
Cloud Services
IT Security
Managed IT Services
IT Consulting & Projects

Technology

Office Multifunction Business Solutions
Commercial and Production Printers
3D Printers
Wide Format Printers
Laptops, Desktops and Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)
Managed Enterprise Services

technical specifications

AccurioJet KM-1

29-INCH SHEET-FED UV COLOR INKJET PRESS

Specifications

Type	29" Sheet-Fed UV Color Inkjet Press
Resolution	1,200 x 1,200 dpi
Ink	UV Ink*
Number of Colors	4
Printing Speeds	(Simplex) 3,000 sph (Duplex) 1,500 sph
Max. Sheet Size	23" x 29.5" (585 x 750 mm)
Max. Image Size	(Simplex) 22.63" x 28.93" (575 x 735 mm) (Duplex) 22.63" x 28.74" (575 x 730 mm)
Sheet Thickness	(Simplex) 2.4 – 24 pt. (0.06 – 0.6 mm) (Duplex) 2.4 – 18 pt. (0.06 – .45 mm)
Dimensions (W x L x H)	9.6' x 17.6' x 7.6' (2,947 x 5,368 x 2,335 mm)
Machine Weight	17,857 lbs. (8,100 kg)

* Inkjet UV ink developed by Konica Minolta for high-definition, single-pass applications. The specifications noted above are subject to change without notice.

For more reasons why the Konica Minolta AccurioJet KM-1 deserves a place on your production floor, please visit: CountOnKonicaMinolta.com



KONICA MINOLTA

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