News Release

Konica Minolta to Launch the AccurioJet 30000, a B2 HS-UV Inkjet Press, to Maximize Productivity and Quality in the Printing Process

Tokyo (April 22, 2025) - Konica Minolta, Inc. (Konica Minolta) today announced that it will roll out the AccurioJet 30000, a B2 HS-UV inkjet press, in stages in countries around the world in the first half of this fiscal year.
The AccurioJet 30000 is a successor model to the AccurioJet KM-1/KM-1e series, which has been widely acclaimed in the market since its release in 2016 and has sold over 350 units.

Konica Minolta aims to help printing companies expand their business and improve their processes by increasing the value of printing through maximization of productivity of the printing process and the realization of high quality recognized by printing professionals.

1. Two models of B2 HS-UV inkjet press

At drupa 2024, one of the world's largest exhibitions for the printing and media industry which was held in Dusseldorf, Germany in 2024, Konica Minolta unveiled the AccurioJet 60000 as the flagship model of its digital press to high acclaim. Offering two models of B2 inkjet press, the AccurioJet 60000 and the AccurioJet 30000, printing companies can select the model that best suits their needs, thereby accelerating a full-scale shift from analog printing to digital printing.

2. Value proposition of the AccurioJet 30000

The AccurioJet 30000 offers the following three values thanks to new functions that improve productivity while continuing to use the proprietary HS-UV ink, which is used for the AccurioJet KM-1/KM-1e series and is highly acclaimed.

- Maximization of productivity of the entire printing process
- High quality recognized by printing professionals

■ Improvement of the work environment at printing companies

2-1. Maximization of productivity of the entire printing process

The AccurioJet 30000 features new function, which reduces the RIP[*1] time, enabling printing without interruption even when the data processing load is high. By utilizing the Pre-RIP function, RIP for print jobs can be performed the night before or during idle time, the waiting time during printing is eliminated, helping maintain productivity.

Unlike general water-based inkjet, the proprietary HS-UV ink does not require a drying process, enabling automatic double-sided printing and smooth transition to post-processing without downtime.

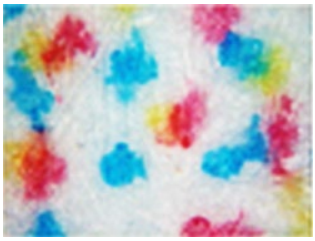
The AccurioJet 30000 improves the productivity of the entire printing process and can efficiently handle many small-lot jobs and jobs with short delivery times.

2-2. High quality recognized by printing professionals

The AccurioJet 30000 uses Dot Freeze Technology[*2] using Konica Minolta's proprietary HS-UV ink, which has been highly evaluated for the AccurioJet KM-1/KM-1e series. The technology significantly reduces the dot shape distortion and color blurring compared to water-based inkjet. It also enables direct printing on various types of paper without special precoating, including glossy or uneven paper and plastic media without impairing the quality or texture of the printing media surface. The HS-UV inkjet does not cause waviness and curling of paper because it does not require the thermal fixing and drying processes.

Ink turned into gel

Significant reduction in distortion and color blurring



Example of distortion and color blurring

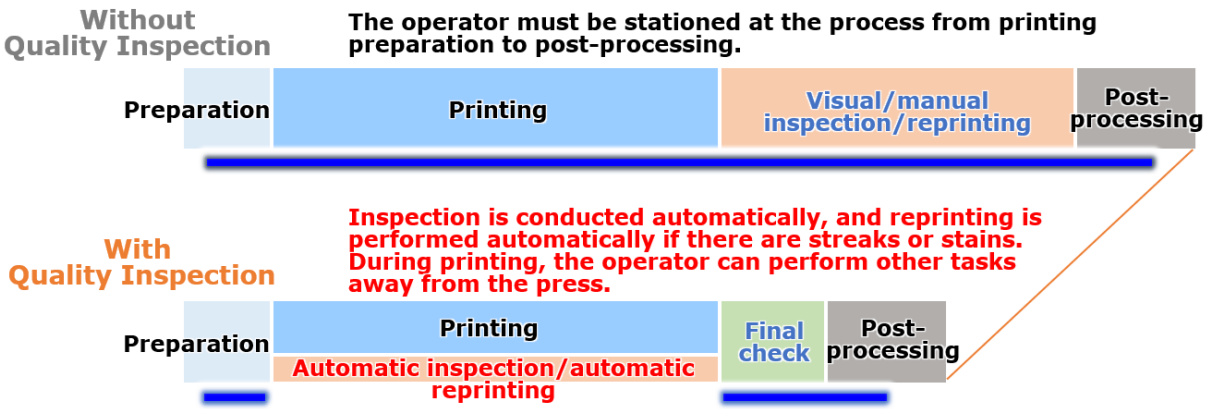
The AccurioJet 30000 also features the HD mode, which has been highly evaluated for the AccurioJet KM-1/KM-1e series. The HD mode realistically reproduces the human skin and surface smoothness of ceramics by enhancing the rendering capabilities, such as graininess and glossiness.

The AccurioJet 30000 delivers the high quality appreciated by printing professionals, while increasing customer satisfaction and reliability for printing companies.

2-3. Improvement of the work environment at printing companies

The AccurioJet 30000 is equipped with Quality Inspection Unit, which reduces the burden of inspections and improves quality. Previously, visual inspection of very fine streaks and stains was laborious for operators, requiring considerable time and skills. Variations in accuracy among operators was also an issue. Quality Inspection Unit

performs automatic total inspection with high accuracy during printing, thus significantly reducing the time and effort required for the inspection process.



Conceptual image of improvement in the work content and reduction in time by using Quality Inspection Unit

Dr. KM-1, Konica Minolta's unique customer support solution, remotely analyzes the condition of the press and ensures proactive maintenance to constantly maintain a stable condition and maximize uptime on site.

The AccurioJet 30000 improves the work environment at printing companies with various support functions to facilitate smooth work even by operators lacking advanced skills or experience.

"Our mission is improving communication and society with the power of digital printing. The printing industry faces such issues as: reducing the environmental impact of mass production and mass disposal of printed matter; ensuring sustainability of printing companies, including digitalization, Skill-lessness, and improvement of the work environment; and enhancing the ability to make proposals to improve the branding value through printed matter," said Seiji Nakashima, Division President, Professional Print Business Headquarters. "In response, we offer high-quality digital presses and software which cover various business domains, including commercial printing, labeling, embellishment, package printing, and textile printing, thereby increasing the value of printing and helping printing companies expand their business."

Konica Minolta aims to remain a reliable partner for printing companies, helping address their management issues and improve their processes.

*1: Abbreviation for "Raster Image Processing." It refers to data processing to convert printing data, such as images and fonts, into a format suitable for printing on software.
*2: Konica Minolta's proprietary technology that attains both low viscosity required for ink jetting and high viscosity required for placement on media. The ink is highly fluid when jetted from the printhead nozzle to enable high-speed printing. It turns into a gel with low fluidity after contacting a medium, such as printing paper, due to the rapid change in temperature. The ink is immediately hardened by LED-UV to enable high-quality printing on various media.

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