

## Hong Jia Color Art Printing Co., Ltd.: High Efficiency and Sustainable Green Practices with Komori Presses

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Taiwan, Hong Jia Color Art Printing Co., Ltd. | Lithrone G40 advance [GL-540A]



Hong Jia Color Art Printing Co., Ltd. handles a wide range of products, including color paper boxes, paper bags, and book printing. The company provides a one-stop production system that manages everything from prepress to printing and postpress processing, ensuring consistent quality and on-time delivery. In addition, the company is also committed to protecting confidential customer information through a strict security system.

Wang Chang Hong, President

Established in 2010, Hong Jia at its founding had six printing presses from other companies. In 2022, on relocating to a new plant, Hong Jia decided to completely update its equipment and introduced Komori printing presses. Over the following two years, four Komori presses were installed, fully modernizing the production line.



President Wang Chang Hong comments: "In the first year after relocating to our new 16,500-square-meter facility in 2022, we introduced two eight-color Lithrone S40SP presses from Komori. The following year, we added a two-color Lithrone S40SP, and later, a five-color Lithrone G40 advance. Komori presses stood out in terms of performance, maintenance service, and operability, which led us to choose Komori. We currently operate four Komori machines and are planning to further boost production capacity with the addition of either an eight-color Lithrone GX40RP advance EX Edition or a six-color Lithrone G40 advance EX Edition with coater."



### Reason for selecting the five-color Lithrone G40 advance

As print quality and production efficiency demands continued to rise, Hong Jia introduced the five-color Lithrone G40 advance to enhance print quality and productivity. This press offers stable color management, high productivity, and environmentally conscious energy-saving technologies.





Factory Director Sheng Yi Qun comments: "Combined with the PQA-A (Print Quality Assessment System) feedback system, the Lithrone G40 advance delivers performance and efficiency on a par with other brands. Color adjustments are performed quickly, allowing for smooth standardization of print density. Color matching during production printing has also become more efficient, reducing paper waste. With data visualization and process automation, we've achieved significantly improved print quality stability and production efficiency."

According to Qun, the introduction of the five-color Lithrone G40 advance has significantly improved both productivity and print quality. Thanks to automation and high-speed printing, the company can now handle large-volume orders more efficiently with improved production stability. The integration of the PQA-S system enables instant detection of printing defects, simplifying postpress operations and minimizing losses.

## Benefits of KP-Connect

To achieve production visibility, smoother management, and higher efficiency, Hong Jia implemented the Komori Solution Cloud KP-Connect.

IT engineer Yan Zhi Long commented: "When we first introduced KP-Connect, it took some time for the operators to get used to it. However, thanks to the dedicated support from Komori's technical team, they quickly understood the system and became able to accurately

grasp the machine operating status. By visualizing data, issues can be identified more clearly, enabling swift responses."



## Green energy and ESG initiatives

In addition to enhancing its technological capabilities, Hong Jia is actively committed to green printing, energy conservation, and decarbonization. By linking with Komori's presses to promote green printing and smart production, the company is not only meeting the needs of the market and its customers but also steadily advancing toward its goal of carbon-neutral printing. As part of this initiative, in March 2023, the company installed a rooftop solar power system with a total capacity of 358.53 kWp. This system generates approximately 416,000 kWh of electricity annually, resulting in monthly savings of around TWD 200,000 (approximately USD 6,670) in electricity costs.

In addition, Hong Jia has implemented a variety of environmental and energy-saving measures, including the use of FSC-certified paper, low-VOC inks, and alcohol-free dampening systems to reduce environmental impact. The company is also actively utilizing renewable energy sources to reduce carbon emissions and is working toward building a more sustainable production system.

## Outlook

Through its partnership with Komori, Hong Jia has significantly improved print quality and

production efficiency while also actively expanding into international markets. Moving forward, the company will continue to adopt the latest equipment, optimize production processes, and advance its ESG goals--pioneering a future of green, smart, and highly efficient printing.



Chairman Wang Chang Hong emphasized: "Komori presses have been a tremendous asset for us. They have significantly reduced our maintenance costs. Overall, Komori's presses continue to evolve. We will keep growing together with Komori, investing in technical innovation, and striving to become a leading brand in Taiwan's printing industry."