

# KOMORI

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PRESS RELEASE

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## **Agreement Reached with Shinwa Factory to Run Field Testing of Impremia NS40**

Komori Corporation (Sumida-ku, Tokyo; President, Representative Director and CEO: Satoshi Mochida) hereby announces that it has reached an agreement with Shinwa Factory (Kawagoe-shi, Saitama; Representative Director: Yasunari Yamazaki) for conducting field testing of the 40-inch Sheetfed Nanographic Printing® System, Impremia NS40.

### **The Komori 40-inch Sheetfed Nanographic Printing® System, Impremia NS40, will be delivered to Shinwa Factory for the purpose of field testing.**

Shinwa Factory is a manufacturing company with an annual sales revenue of 3.2 billion yen that provides across the board services from designing of creative packaging, displays, and sales promotion material to printing, processing, and delivery of mass production. They have excellent planning, design, sales, and production strength, and provide customers continuously with high added value products that exceed their expectations by both the quality control integrated one-stop shop and the diverse product range.

The Impremia NS40, which was first displayed as concept at drupa 2016 and for which sales launch is planned for drupa 2020, is a 40-inch Sheetfed Nanographic Printing® System that uses Nanography® technology and was developed incorporating the know-how and technologies that Komori has cultivated over a long period of time through its offset printing business.

The press has a printing speed of 6,500 sph, a true resolution of 1,200dpi, can handle four to seven colours, has an on-board in-line coater and Komori's well known quality. The press can handle paper sizes up to 750 x 1050 mm, a sheet thickness of 0.06 mm to 0.8 mm, and can print on a wide-range of offset paper without any special pre-processing.

### **Comment from Representative Director of Shinwa Factory, Yasunari Yamazaki;**

I am extremely grateful that Komori chose us to conduct the field testing for the Impremia NS40. We had two specific requests, and Komori gave us assurances that the press would perform to our requests, we decided to embrace the new Impremia NS40.

One of our requests was the support for small lot production of packages. About 40% jobs of the total volume of packages that we manufacture are 2,000 sheets or less, and there is a limit to one day's production (in terms of set-up and efficiency).

We can expect that the production volume of the Impremia NS40, with a print speed of 6,500 sph and an extremely short changeover time, will far exceed our current offset printing capabilities. The other request was to reduce manual steps and fail costs during the production of signs and displays, which is our main business. Although proofing is currently used as standard, the colours often do not line up during checking which wastes a lot of time. With the Impremia NS40, there is almost no blurring of the proof and mass production colours, so we can confidently provide printed items to our customers that they will be satisfied with without hands-on checking.

Even when there is a longer-run production, we will perform colour matching of digital and offset colour tones as much as possible and aim for a situation in which hands-on print checking is not necessary. There are many other advantages such as only a small amount of extra printing is required, the press can be easily be operated, thin paper can also be printed in-house, there are no changes in colour even with various surface treatments after printing.

Moving forward with the Impremia NS40, we expect that new business models can be created. While not in the field of sales, designers and planners have already launched a number of business models and are ready to propose solutions to customers. With its limitless possibilities, we are excited to get the Impremia NS40 up and running so we can start providing new solutions to our customers.

**Comment from President, Representative Director and CEO of Komori, Satoshi Mochida;**

I would like to thank Representative Director Yasunari Yamazaki for partnering with Komori. Shinwa Factory is an integrated manufacturer that performs every step in the creation process from the design to production and delivery of creative and high-quality packaging, displays, and sales promotion material, and has built a one-stop system, ideal for intensive field testing of the Impremia NS40.

The Impremia NS40 is the B1 Komori digital printing press is powered by Landa "Nanography®" in conjunction with Komori Offset Technology. Not only does this 40-inch Sheetfed Nanographic Printing® System achieve high quality and high productivity that was previously unheard of, it brings to life gloss and luster, which is the feature of nano ink, as well as the texture that the printing paper possesses, and the press can also print minutely detailed expressions accurately.

We are convinced that the Impremia NS40 can greatly contribute to not only expanding Shinwa Factory's current business, but also be used as a great tool to develop new businesses that add new value.

The partnership with Shinway Factory symbolizes the last milestone before sales and mass production. By integrating their know-how and proprietary technology into the extensive field-test, we are able to maximize the quality output and efficiency of the Impremia NS40. Moreover, Komori plans to launch sales of Impremia NS40 from drupa 2020 on a mass production basis.

Image caption: (from left to right)

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MORE INFORMATION

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