

**Komori launches
40" Sheetfed Nanographic Printing® System
Impremia NS40 sales**

**— A new B1-size digital press to pioneer new business fields,
Utilizing Komori's full range of offset technologies. —**



Komori Corporation (Sumida-ku, Tokyo, Japan; Representative Director, President and CEO: Satoshi Mochida) launches the 40" Sheetfed Nanographic Printing® System Impremia NS40 sales.

The target markets are Japan, China, North America, and Europe, with plans to launch in other markets sequentially. The machine configurations are available in two models: 4-color + coater and 7-color + coater.

To coincide with the start of sales, we will present this model at the Komori Web Session* in virtual.drupa, which will be held online from April 20 to 23.

Visitors are able to register at: <https://events.drupa.de/en/speaker/peter-minis>

Impremia NS40**40" Sheetfed Nanographic Printing® System**

Introducing a new digital press, with the impressive productivity and profitability needed to expand customers' businesses by meeting growing demand for short and medium runs including variable printing and versioning for immediate turnaround on jobs such as packages, displays and point of purchase. Supported by Komori's previously amassed technologies, and with unique designs such as use of image transfer blankets, the press achieves B1 print speeds of 6,500 sph. As a "digital offset" press, the NS40 is the peak of digital presses and is made possible only by Komori.

■ Features**B1 printing speeds of 6,500 sph**

With standard aqueous inkjet printers, the ink is ejected directly onto the substrate, allowing moisture from the ink to soak into the substrate. This, in turn, requires a large amount of energy to dry the printed sheets, and prevents high-speed printing.

With the Impremia NS40, however, printheads instead eject aqueous Landa NanoInk® onto an image transferring blanket, which forms a thin layer. The ink then dries on the blanket and is transferred after the inner moisture has dissipated, preventing moisture from penetrating into the substrate as deeply and allowing for high-speed drying. This unique innovation is what allows for top-class printing speeds of 6,500 revolutions.

Helps achieve impressive productivity and profitability for small to medium runs

Able to print at speeds of 6,500 revolutions with no need to change plates or ink, the Impremia NS40 is perfect not only for short packaging but also for jobs demanding short turnarounds, and heavy use of special colors, such as point of purchase. In terms of both productivity and profitability, the NS40 greatly excels at jobs such as short and medium runs where standard offset presses fall short.

Reduces time spent for corrections and on-site confirmations

The Impremia NS40 can produce acceptable sheets from the first sheet, with no need to change plates or ink. Compared to offset presses, this can greatly reduce the time spent, from corrections to final printing and on-site confirmations, even for short to medium runs of many different printed items.

Excellent post-press compatibility

Allows for the same post-press processing as with offset presses, such as offline aqueous press coating, PP lamination, board lamination, punching and folding.

Reduces costs, environmentally friendly

-Productivity

Costs remain unchanged even when producing only the necessary amount, eliminating the need for inventory, for more effective use of space.

-Costs

Efficient paper use, even for package and display printing.

-Environment

Conforms to strict European and American foodgrade safety standards such as for Nestle and the FDA.

<Specifications>

Model		NS40	
Number of colors		4	7
Ink		Landa NanoInk®	
Resolution	dpi	1,200	
Printing speed	sph	6,500	
Max. sheet size	mm	750 × 1,050	
Max. printing area	mm	734 × 1,032	
Sheet thickness range	mm	0.06 ~ 0.8	

* Performance and values may differ depending on specification. Komori reserves the right to change specifications for the purpose of product improvement.

■ Impremia NS40

Orders to be accepted from April 20, 2021.