

News Release

February 28, 2019

PRINT CHINA 2019

Tuesday-Saturday, April 9-13, 2019

Guangdong Modern International Exhibition Center, 3-C101

**PRINT CHINA 2019
KOMORI Concept
INNOVATE TO CREATE**



INNOVATE TO CREATE

Komori Corporation (Sumida-ku, Tokyo; President, Representative Director and COO: Satoshi Mochida) will exhibit at PRINT CHINA 2019. The following is an outline of the Komori booth.

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PRINT CHINA 2019

Dates: Tuesday-Saturday, April 9-13, 2019
Venue: Guangdong Modern International Exhibition Center
Komori booth: 3-C101 (1,013 sq. m)

PRINT CHINA 2019, The 4th International Printing Exhibition of China (Guangdong), will be held in Guangdong, China, for five days, Tuesday–Saturday, April 9–13, 2019.

Komori Corporation will exhibit under the theme ‘Innovate to Create’ at PRINT CHINA 2019.

Through the technologies and solutions presented in the Komori booth, we will show our commitment to becoming the business partner of customers that is capable of improving their margins and increasing their productivity.

■ Komori PRINT CHINA 2019 Concept: INNOVATE TO CREATE

From ‘how to make’ to ‘what to create.’

What the printing industry needs now is a shift from manufacturing to creative.

Based on the concept INNOVATE TO CREATE, Komori will create new value with customers through state-of-the-art technologies that will lead the way in the next generation of print.

At PRINT CHINA 2019, Komori will present solutions that answer customer issues, starting with KP-Connect, which currently connects nearly 300 machines and provides visualization of production status such as operating conditions and operating totals.

By providing products for creating new added value, Komori partners with customers to solve problems, support business innovation and create a profitable future.

Innovate to Create

We’re building a creative future with our customers.

■ KOMORI Booth



■ Exhibit

KP-Connect Pro **Komori Solution Cloud**

KP-Connect Pro is middleware that connects processes, enabling digital control of all printing processes by means of a simple scheduler function and a function providing realtime visualization of production results. At this PRINT CHINA, we will show the new concept of Connected Automation, which automatically evolves printing companies into smart factories by KP-Connect Pro.

[Features]

- Automatic operation logging for all presses
- Production status checking from anywhere over the cloud/realtime production status visualization by large-format signage
- Simple all-process scheduler/automatic press scheduling
- Operation optimization for Komori offset presses by press automation

LITHRONE G40

H-UV / H-UV L (LED)-equipped Seven-Color 40-inch Offset Printing Press with In-Line Coater

The high performance Lithrone designed for today's printing environment: The Lithrone G40

Designed with Komori's dedication to precision manufacturing, the G40 ensures high quality print with unsurpassed productivity. Manufactured with Komori's laser focus on the environment, the Lithrone G40 promotes green printing by reducing consumable and energy usage and lowering the carbon footprint of print. With Komori's revolutionary KHS-AI technology at its core, the Lithrone G40 is nothing other than the ultimate high performance printing machine.

[Features]

- The press delivers very stable high-speed operation with a wide range of sheet thicknesses from ultrathin to thick sheets.
- Fusion of the KHS-AI integrated control system and the H-UV / H-UV L (LED) system shortens makeready time, cuts paper waste, and reduces printing time to the utmost while maintaining the high print quality and high productivity that are characteristic of offset printing. Both ultimate short-run competence and short job cycle times are achieved.
- Saves energy and resources, reduces harmful chemical substances such as volatile organic compounds (VOCs) released during printing, and reduces noise. The Lithrone G40 is an environmentally responsible press.

[Demonstration Highlights]

- High added value package printing on board
- Introduction of printing process control by KP-Connect Pro

[Specifications]

Model		GL-740+C
Maximum sheet size	mm	720×1,030
Maximum printing area	mm	710×1,020
Sheet thickness range	mm	0.06~1.0
Plate size	mm	800×1,030

LITHRONE G37**H-UV L (LED) -equipped Four-Color 37-inch Offset Printing Press****A1 size press that's compact and yet handles full-size work**

The 37-inch press with a 640 x 940 mm maximum sheet size, allowing it to cope with full-size jobs. Equipped with H-UV L (LED) curing for fast print drying, this press has the power to address the full span of requirements in the publishing and commercial printing segments on both light and heavy stocks. Since color management can be implemented by including a CMS color bar on the sheet margin even with 8-up A4 or U.S. letter size impositions, this machine is ideal for producing high page-count products with high print quality.

[Demonstration Highlights]

- Introduction of commercial solutions through demonstrations on cardboard, matte paper with 8-up A4 imposition as well as YUPO (special paper)
- Fast print drying by H-UV L (LED) curing and high quality printing
- Introduction of printing process control by KP-Connect Pro

[Specifications]

Model		GL-437
Maximum sheet size	mm	640×940
Maximum printing area	mm	620×930
Sheet thickness range	mm	0.04~0.6
Plate size	mm	700×945

Impremia IS29 29-inch sheetfed UV inkjet digital printing system

Professional digital print production system delivering high print quality, high reliability and outstanding stability

Digital printing system offering high print quality with an output resolution of 1,200 x 1,200 dpi, the Impremia IS29 is capable of printing a completely different image on each sheet without using plates. Capable of printing on a wide range of papers, from light to heavy stocks, this machine can print on offset paper without any precoating. Equipped with a sheet perfecting mechanism that uses offset manufacturing technology and a UV inkjet system with LED-UV curing system, this superior digital production machine is able to perform one-pass double-sided printing with fast print drying and high front-back register precision.

Capable of not only short runs of many varied items and quick turnarounds but also high added value such as variable and wide color gamut printing, the Impremia IS29 is the solution for creating new value in your business.

[Demonstration Highlights]

- Wide color gamut printing and special color printing with 4-color CMYK
- Printing on special substrates by UV inkjet with LED-UV curing
- Presentation of advanced color stability (density uniformity, job in progress, repeat job)
- Introduction of color management by K-ColorSimulator 2*
- Variable / numbering printing
- Introduction of printing process control by KP-Connect Pro
- Display of diverse printing samples

[Specifications]

Output resolution	dpi	1,200×1,200
Printing speed	sph	3,000 (single-sided) 1,500 (double-sided)
Maximum sheet size	mm	585×750
Maximum printing area	mm	575 × 735 (single-sided) 575 × 730 (double-sided)
Sheet thickness range	mm	0.06~0.6 (single-sided), 0.06~0.45 (double-sided)

* Specification for Impremia IS29 (K-ColorSimulator IS-Connect)

Corner Exhibits

Komori-Kare Corner

Under the K-Supply brand name, Komori offers a lineup of special consumables, materials and equipment that are standard for Komori presses. K-Supply is not just consumables but also printing supplies for high print quality and performance developed with Komori Graphic Technology Center (KGC) knowhow. All exhibit presses will use K-Supply products such as K-Supply ink, dampening solution and blankets that are standard Komori materials offering high-level print quality, versatility and economical performance ideal for H-UV printing.

At the exhibition site, new K-Supply products and service products based on three themes – productivity improvement, operation and performance enhancement, and energy saving and environmental solutions – will be shown. Proposals and products meeting the requests of customers, including case studies of retrofitting existing machines with the latest technologies, will be introduced.

Web Offset Corner

Komori is developing measures to reduce web offset press energy consumption to the absolute minimum based on an 'environmentally friendly' theme. At PRINT CHINA 2019, we will introduce ways to greatly reduce wasteful electric power and gas, mainly options for eco friendly specifications that fit the era.

- Automatic light turn-off: Inner light comes on only when needed, reducing power consumption during standby
- Ink fountain rollers, dampening form rollers, and oil pumps running at minimum speed during stand by for power saving
- Dryer exhaust blower with inverter control effective in gas consumption improvement
- Various energy saving options for dryers

Print Gallery

Many different printed pieces from around the world printed on Komori offset presses showing high added value. Display of various printed items offering a competitive edge, such as special printing methods and business model ideas. Printing methods and key points will be introduced.

Also, case studies of double-sided printing by the Lithrone GX40RP, the one-pass double-sided printing solution, will be shown.

In addition, a map will show worldwide installations of Komori currency/security presses and panel display of sample machine. Also, front and back samples of full-size Komori original banknotes printed on a currency printing press will be displayed.

In charge of Komori's printed electronics and precision devices business, Seria has a distinguished record in the electronic parts and screen-printing industries. The Komori booth will show its business development as a provider of total solutions and various screen-printed printing samples.

LITHRONE G40



GL-740+C+H-UV/H-UV L (LED)

LITHRONE G37



GL-437+H-UV L (LED)

Impremia IS29



*Please note that exhibits are subject to change without prior notice depending on the circumstances.

PRINT CHINA 2019: Count on seeing the best at the Komori booth. We look forward to seeing you.