News Release

August 18, 2015

IGAS 2015

International Graphic Arts Show 2015

Friday, Sept. 11 to Wednesday, Sept. 16, 2015
TOKYO BIG SIGHT EAST 3 HALL E3-1

IGAS2015

KOMORI Theme

Open New Pages

OPEN NEW PAGES

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Greetings

At IGAS 2015, to be held at Tokyo Big Sight for six days starting September 11, Komori will show solutions that open new potential for printing.

Open New Pages, our main theme, expresses Komori's commitment to expand new printing potential with our customers as we evolve into a Print Engineering Service Provider (PESP). Connecting all printing processes by linking offset and digital as well as hardware and software – and, even more importantly, connecting customers to Komori – will create richer print communications.

At the IGAS 2015 Komori booth, we will have a range of solutions for customers to open new pages, such as moving to high added value printing for new growth or switching to digital printing and aiming to become a print media enterprise. By all means, come see how you can open new pages.

I look forward to seeing you at IGAS 2015.

Yours sincerely

Satoshi Mochida
Representative Director, President and COO
Komori Corporation
August 18, 2015

＝ Theme ＝

Komori IGAS 2015 Theme
"Open New Pages"

Expanding the new potential of printing and realizing richer print communications —that's what Komori and our customers are looking for.

Open New Pages.

Komori is evolving from a specialist printing press manufacturer to a print engineering service provider (PESP). We will expand the new potential of printing by offering offset, digital, printed electronics (PE), materials and equipment.
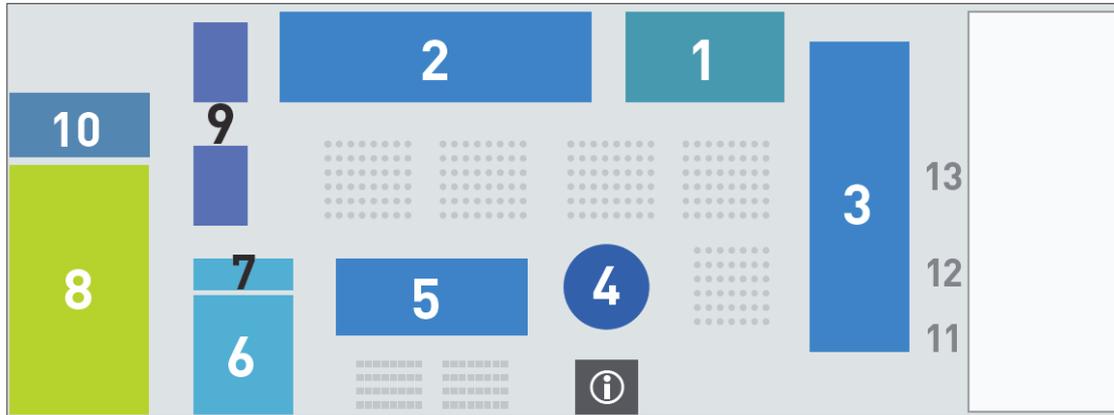
Further, Komori will evolve in innovative ways by "connecting."

We will create new value and richer communications by linking our customers' processes and connecting our customers to Komori.

Open New Pages.

Komori wants to help our customers open new pages in business scenarios of every kind.

＝ KOMORI　Booth ＝

1 Impremia IS29 **NEW**
2 LITHRONE G40 (GL-640+C)
3 LITHRONE GX40RP (GLX-840RP)
4 K-Station 4 **NEW**
5 LITHRONE A37 (LA-437)

6 K-Supply / Service Corner
7 KOMORI Ecology Corner
8 Impremia C61/C100
   dCL Corner
9 Apressia CT137 **NEW**

10 Web Offset/Chambon Corner
11 Seria Corner
12 Currency Press Corner
13 Print Gallery
ⓘ Reception

※ Booth layout and exhibit content are subject to change without notice.

= Exhibit Machines and Outline =

NEW Impremia IS29	29" Sheetfed Inkjet Digital Printing System

Advanced digital printing system offering quality, reliability and stability

Maximum sheet size is 585 x 750 mm. With adaptability to a wide range of stock and sheet thicknesses that allows the use of ordinary printing paper, the Impremia IS29 features instant UV curing, double-sided one-pass printing, and the ability to immediately start postpress processes, making it capable of short turnarounds with short runs of many different printed products. With stable high print quality approaching offset, thanks to outstanding tone reproduction and register accuracy, this press is ideal not only for commercial printing but also printing on special substrates.

【Basic specifications】
Resolution   1,200 × 1,200 dpi
Printing speed   3,000 sph (single-sided)   1,500 sph (double-sided)
Max. sheet size   585 × 750 mm
Max. printing area   575 × 735 mm (single-sided), 575 × 730 mm (double-sided)
Sheet thickness   0.06–0.6 mm (single-sided), 0.06–0.45 mm (double-sided)

NEW K-Station 4	Printing Task Control Software

An integrated press management system, the tablet-ready K-Station 4 manages scheduling for all presses, both digital and offset, including machines manufactured by other makers. A link between K-Station and the MIS enables the exchange of order and production data. Planning and scheduling are performed on the K-Station server, and scheduling information is sent to KHS-AI v. 5 or to the K-Station client on the press. Real-time information recorded on the press side is sent to the K-Station server and can be checked on the management menus. Ink preset and operating record information is automatically collected for KHS-AI v. 5-equipped presses.
 (Availability depends on area.)

Technical Exhibit KP-Connect	Komori Solution Cloud

Information sharing platform for productivity improvement
KP-Connect is a completely new information analysis service that allows detailed operating information on presses to be shared by the printer and Komori in a secure cloud; problems in customer presses and printing work are found by analyzing this data and solutions for improvement will be presented.

LITHRONE G40	H-UV-equipped Six-color 40" Offset Printing Press with in-line coater (GL-640+C)

The ideal 40-inch press for package printing and special printing
Accommodates a wide range of sheet thicknesses – from 0.06 to 1.0 mm – and offers exceptionally stable high-speed printing. In particular, equipped with new functions and systems, including the PDF Comparator System* for packaging, the Sheet Numbering System* and Automatic Mask Creation Software*. * Options

PDF Comparator System
The PDF Comparator System reads the printed image using image sensors and enables comparison with prepress data. This enables checking for missing printed characters in the initial printing stage and prevents production losses and the outflow of defective sheets.

Sheet Numbering System/Automatic Mask Creation Software
The Sheet Numbering System prints a serial number above the feeder board and enables reliable checking of printing defects and waste sheets as well as enhanced quality control (traceability). In addition, by linkage with the Automatic Mask Creation Software, which automatically creates the inspection area from the die-cutting data in advance, quality control in units of blanks becomes possible.

【Basic specifications】
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Model              GL-640
Max. sheet size       720 × 1,030 mm
Max. printing area    710 × 1,020 mm
Sheet thickness       0.06–1.0 mm
Plate size            800 × 1,030 mm
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LITHRONE GX40RP	H-UV-equipped Eight-color 40" Front/Reverse Multi-Color Offset Printing Press （GLX-840RP）

Double-sided one-pass printing with high-speed stability and very short makeready

Double-sided single-pass configuration without flipping the sheet contributes to efficient paper use by minimizing the sheet size since a tail margin is not necessary. In addition, a print quality inspection system is built in, allowing in-line color control. In the demos, visitors will see an ultra-short turnaround time by means of printing with the H-UV instant curing system and immediate cutting with the Apressia CT137. Linkage with the K-Station 4 Printing Process Control Software will also be introduced.

【Basic specifications】
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Model              GLX-840RP
Max. sheet size       720 × 1,030 mm
Max. printing area    710 × 1,020 mm
Sheet thickness       0.04–0.5 mm
Plate size            800 × 1,030 mm
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LITHRONE A37	H-UV-equipped Four-color 37" Offset Printing Press (LA-437)

Compact yet still meeting a wide range of printing needs

37-inch press that meets a wide spectrum of printing needs on light and heavy stock, such a publishing and commercial printing.

【Basic specifications】
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Model              LA-437
Max. sheet size       640 × 940 mm
Max. printing area    620 × 930 mm
Sheet thickness       0.04–0.6 mm
Plate size            700 × 945 mm
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Impremia C100	Full Color Digital Printing System

Digital printing system with both high quality and high productivity

Capable of a wide range of work, the Impremia C100 offers print resolution of 1,200 dpi, 100 sheets per minute output speed, and high image quality and image stability that approach offset printing.

Outstanding performance provides powerful support for on-demand printing needs. At IGAS, it will perform sample creation, proof output and variable data output together with offset demos. In addition, color matching with the Lithrone A37 by means of K-ColorSimulator 2 will also be shown.
 (Availability depends on area.)

【Basic specifications】
Resolution	1,200 × 1,200 dpi
Printing speed	100 pages/min.
Sheet size (Max.)	330 × 487 mm
Sheet size (Min.)	100 × 140 mm
Max. printing area	321 × 480 mm
Grammage	55–350 gsm

NEW Apressia CT137	Programmable Hydraulic Clamp Cutter

Komori cutter with up-to-date safety features and ease of use

Komori has a lineup of Apressia series postpress equipment. The Apressia CT137 is the first product in this lineup.

Delivering outstanding cost performance, this cutter features a sophisticated exterior design along with both superior ease of operation and stringent safety specifications.

At IGAS, this will perform cutting of Lithrone GX40RP demo samples.
 (Availability depends on area.)

【Basic specifications】
Table width	2,900 mm
Table height	900 mm
Maximum cutting height	165 mm
Cutting width	1,370 mm
Cutting length	1,450 mm

dCL Corner (dCL: digital Creative Lounge)

The Tokyo and Osaka dCL facilities are permanent spaces where visitors can experience what types of products and business opportunities can be created using digital printing systems and postpress equipment. At IGAS 2015, a dCL will be set up in the Komori booth, and a digital printing system, laminator, cutting plotter and the K-ColorSimulator 2 CMS software will be exhibited. Business model ideas and color matching with offset printing will be demonstrated.

Actual samples will be exhibited through near-line collaboration.

K-Supply/Service Corner

Under the K-Supply brand name, Komori offers a lineup of special consumables, materials and equipment that are standard for Komori-made presses. K-Supply is not just consumables but also printing supplies developed with the Komori Graphic Technology Center (KGC) for high print quality and performance.

All exhibit presses will use K-Supply ink, dampening solution and cleaning fluid. K-Supply ink is the Komori standard H-UV ink offering high-level hardness, print quality, versatility and economical performance.

At the exhibition site, case studies of users who have adopted these products and the support system for these users will be shown with video and panel displays. In addition, products that contribute to energy saving on existing machines and in the plant, such as DC blowers and a real-time operations monitor (power consumption monitoring device) will also be shown.

 (Availability depends on area.)

KOMORI Ecology Corner

'Building a mild, bright future where the balance is protected through the coexistence of everything' is the green concept that Komori promotes. We will introduce the building of production environments that incorporate this green concept as well as the current state of product development.

Web Offset/Chambon Corner

With an overwhelming share of the Japanese market for web offset presses, Komori developed H-UV-equipped presses to respond to the need to apply H-UV technology to web offset presses and has been working on further printing technology innovation. Since H-UV was announced at JGAS in September 2009, more than 500 sheetfed offset presses equipped with this system have been put into operation around the world (as of June 30). Now H-UV is a system that now provides powerful support for printers' business by meeting the need for ultra-short turnaround times and extremely short runs through instant curing and powderless printing that solves the problems inherent to printing with conventional ink.

H-UV is now being used for not only sheetfed but also web offset presses, resulting in high performance machines that combine sheetfed print quality that is unaffected by the dryer and the high production capability of web offset.

At IGAS, we will show printing samples from an H-UV-equipped web offset press and comparison samples from an H-UV-equipped sheetfed and a conventional web offset machine using the same image, allowing visitors to confirm H-UV print quality. Panels showing the in-line presses for packaging manufactured by Komori-Chambon and printing samples will also be introduced.
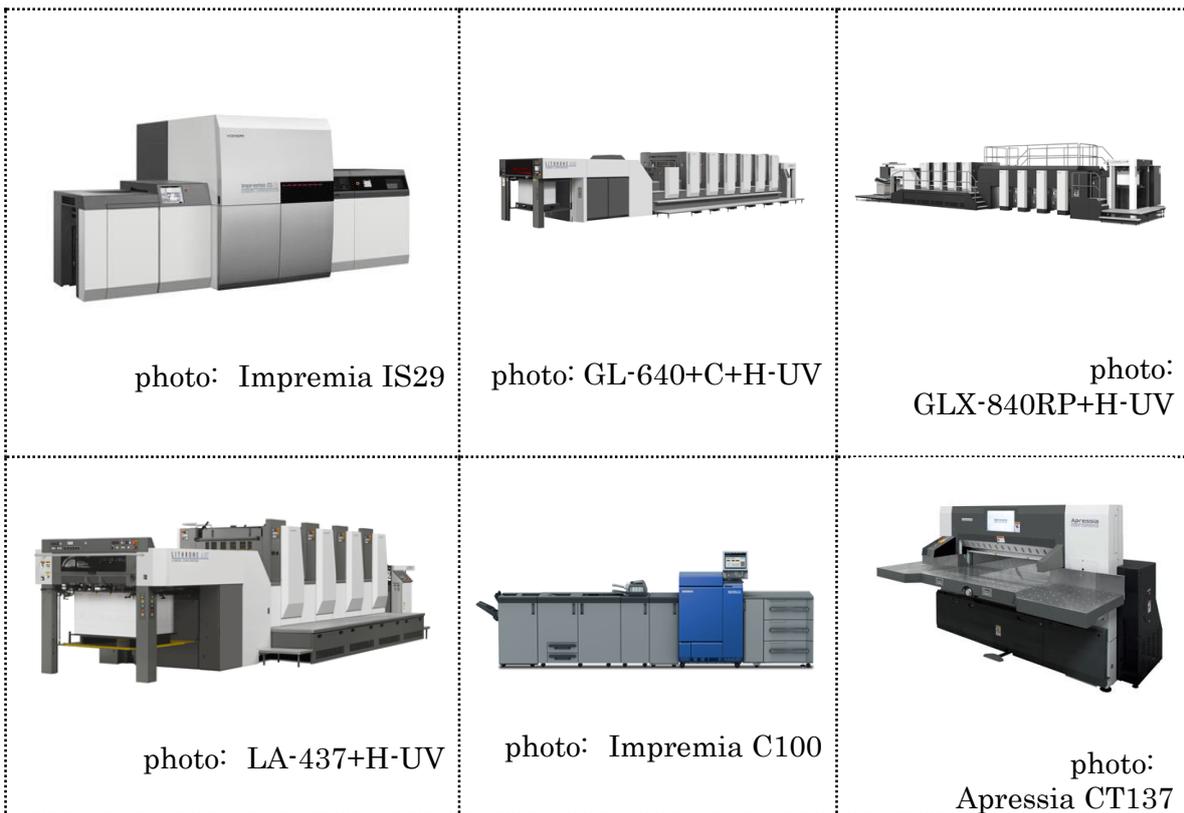
Currency Press Corner

Bank of Japan banknotes printed on Komori currency printing presses are considered the world's most difficult currency to counterfeit. Komori currency/security presses are also exported to many countries. The Komori booth will have an explanation of anticounterfeiting technologies and a panel showing currency presses for export.

Seria Corner

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 screen-printed printing samples from the automotive, graphics and amusement markets.

Print Gallery

The possibilities of offset printing's essence, art and expression. Business model ideas and samples of added value printing will be displayed. Printing methods and key points will be introduced.

photo： Impremia IS29	photo: GL-640+C+H-UV	photo: GLX-840RP+H-UV
photo： LA-437+H-UV	photo： Impremia C100	photo: Apressia CT137

IGAS2015　Expect the most at the Komori booth.