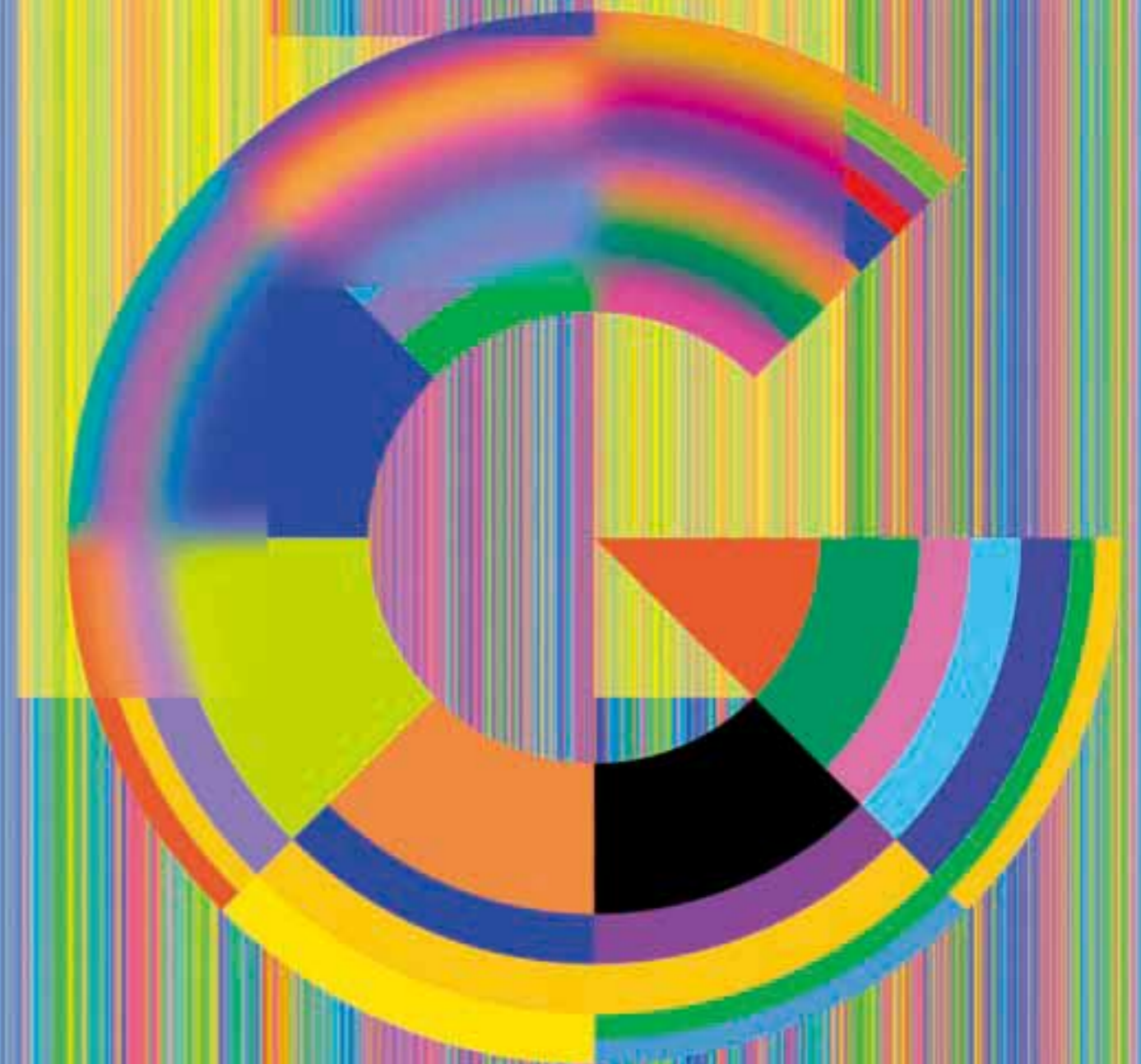


Liftoff for OffsetOnDemand

Enthrones Show Diversity

The Stars of IGAS 2011





# K a n d o

The moment. The exact point when you realize your thrill, pleasure, delight, joy, a buzz. It brings elation, enthusiasm, passion, stimulation. It's when you realize you've simply done the exact right thing for this exact moment in your business. At Komori we have a name for that moment.

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Feature: OffsetOnDemand

### The Breakthrough Model

6

A breakthrough business model for the printing industry that combines the most significant Komori technologies of the past decade — KHS-AI and the H-UV system — with specifications and support that deliver unprecedented performance and competitive punch: OffsetOnDemand. The unvarnished voices of users talking about the key technologies.



Feature: Enthrone 29

### The Compact Answer to Diverse Needs

14

The small footprint conceals capabilities that only a true Komori sheetfed press can offer. High print quality, solid performance and total reliability. Users from Japan, China and Italy describe their strategies for building their business with the Enthrone 29. Diverse approaches for making the most of this flexible machine.



Feature: IGAS 2011

### IGAS Debut of New Presses and Technologies

22

IGAS 2011 will bring the industry together in Tokyo to see the latest and greatest solutions available. Komori will exhibit three of the new Lithrone G Series presses, a Lithrone S26, a new Enthrone 26P and a host of new technologies and systems that will set the show abuzz. The first preview.



User Profiles

### Growing Printers Demand Komori Presses

26

Heavy metal in a gorgeous array of configurations — System Series webs in 16- and 32-page versions and Lithrones ranging from an LS-29 in UV to a pair of LSX40s specified for carton production. And everything in between. Max Fortune from China, Rotimpres of Spain, Shin-Nippon of Singapore, Kayen Print in India, Alexir Packaging of the UK, Freeport Press in the US, Preses Nams Baltic from Latvia, and Ovimec in the Netherlands.



Shows and Topics

### Exhibitions Show the Komori Difference

40

Pictures and the vibe from Print China in Guangdong, Spain Graphispag in Barcelona, Print Pac India in New Delhi, a KGC Open House in Tsukuba, and Expografica in Mexico City. Plus details on an investment in Komori currency presses by the central bank of the Philippines and a historic exhibition of Japanese book design at the Museum of the Printing Arts in Leipzig.



ON PRESS

no. 73

Printing specification of this issue  
Cover: 4-color process plus 2 PMS (pink and green) with gloss/mat/drip-off coating  
Inside front cover: 4-color process with gloss/drip-off coating  
Inside pages: 4-color process with gloss coating  
Cover and inside front cover artwork by Mitsuo Katsui

# EARTHQUAKE IN JAPAN

Date and Time: March 11, 2011, 14:46 JST (05:46 UTC) / Magnitude: 9.0 (interim value; the largest earthquake recorded in Japan) / Epicenter: 130 km off the Pacific coast of the Tohoku region, from Iwate to Ibaraki Prefectures / Depth: 24 km

— Source: Japan Meteorological Agency

March 24, 2011

## **Komori Manufacturing Facilities Resume Normal Production**

The following is information regarding the current status of Komori Corporation production facilities as of March 23, 2011.

Production in the Tsukuba Plant and subsidiary factories in Yamagata Prefecture resumed normal production on March 22, 2011.

While we have experienced some delay in the procurement of parts and materials used in the manufacture of our printing equipment due to traffic restrictions and scheduled power outages, the situation is improving and we expect full resolution in the coming days.

Scheduled power outages have been implemented. We have, however, made necessary adjustments in our manufacturing schedule to accommodate these outages and our production will not be obstructed or halted.

Fuel supplies continue to improve and logistics will return to normal by March 28, 2011.

We do expect some limited delay in press shipments in the short term, but expect the situation to return to normal by the end of April 2011.

We want to apologize for any inconvenience this is causing our customers and appreciate your understanding during this difficult time. We will continue to work tirelessly to improve our situation and resume 100 percent normal operations as quickly as possible.

With regard to future conditions, we will continue to keep our customers informed with updates whenever necessary.

March 25, 2011

## **Current Radiation Level at the Tsukuba Plant Area and Subsidiary Factories as of March 25, 2011**

The following is information regarding the current level of radiation caused by the crisis at the Fukushima Daiichi Nuclear Power Plant measured in the area of the Tsukuba Plant in Ibaraki Prefecture and subsidiary factories in Yamagata Prefecture.

According to monitoring reports, the radiation level is lower than the safety limit value, meaning that at present there is no need to worry about radiation.

Ibaraki Prefectural Government / Information on radiation and the Fukushima Daiichi Nuclear Power Plant

<http://www.pref.ibaraki.jp/bukyoku/seikan/kokuko/en/>

Yamagata Prefectural Government / The current status of radiation in Yamagata Prefecture

<http://www.pref.yamagata.jp/ou/kenkofukushi/090001/houshasen.html>

National Institute of Advanced Industrial Science and Technology (AIST) / The results of ionizing radiation dose survey

[http://www.aist.go.jp/aist\\_e/taisaku/en/measurement/index.html](http://www.aist.go.jp/aist_e/taisaku/en/measurement/index.html)

As to future conditions, we will continue to keep our customers informed with updates whenever necessary.

March 25, 2011

## **Current Status of Komori Graphic Technology Center**

The following is information regarding the current status of the Komori Graphic Technology Center (KGC) as of March 23, 2011.

No KGC personnel were injured and no serious damage to the KGC building or the facilities occurred due to the earthquake on March 11, 2011.

Safety and operational checks of 13 printing presses at KGC were completed last week. All the presses were ready for use on March 22, 2011.

In the Demonstration Center, all preparations were completed on March 22, and demonstrations of the presses for customers started on March 23, 2011.

With regard to the Printing College, all of the courses scheduled for March have been cancelled because transportation systems for trainees are uncertain due to the scheduled power outages. A new course schedule for April will be posted on the Komori website after confirming future transportation conditions.

We always welcome your visit to KGC.

March 28, 2011

## **Report on Conditions and Disaster Countermeasures for the Tohoku-Chiho Taiheiyo-Oki Earthquake – Second Edition / from March 21 to March 27, 2011**

The Disaster Countermeasures Team established a base in Yamagata Prefecture on March 21, 2011. The next day, the team went into Miyagi Prefecture and started to repair damaged presses in the plants of Komori customers. By March 27, almost all Komori presses in Sendai City were repaired except for some web presses that need final inspection prior to production. The team was then divided into smaller teams who went to areas with greater damage to check and make necessary repairs to presses in the plants of customers.

The Disaster Countermeasures Office deployed more than 80 service engineers and heavy-duty lifting engineers with more than 20 vehicles per day to the Tohoku area at peak times from March 21 to March 27, 2011. These engineers are now working with local sales people to check on our customers and repair presses if necessary.

Some news regarding a printing company in Sendai was uploaded to the following URLs, although the sites are in Japanese. This printing company is a loyal Komori customer and almost all repair work has been completed.

Reconstruction of printing company is proceeding at a high pace! "We want to send updated information to residents by printed paper!" Sendai, Miyagi Prefecture. (2011.3.26 20:07)

<http://sankei.jp.msn.com/region/news/110326/myg11032620440007-n1.htm>

Rush to reconstruct printing company in Sendai! "It is important to distribute information by paper media!" Sendai, Miyagi Prefecture (2011.3.27 01:44)

<http://sankei.jp.msn.com/region/news/110327/myg11032701450000-n1.htm>

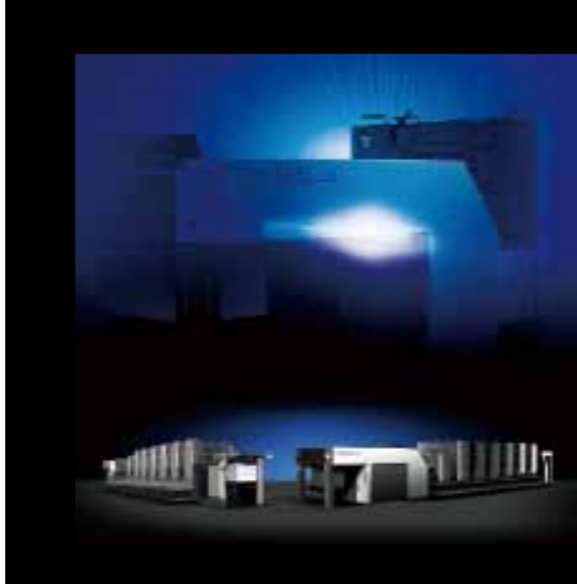
Similar contents appeared in the Miyagi Edition of the Sankei Newspaper on March 27, 2011.

We, at Komori Corporation, are strengthening our support for servicing presses and equipment used by our customers in the afflicted areas.

These news releases report Komori's responses immediately following the earthquake disaster of March 11, 2011.

## Komori responds swiftly to historic disaster

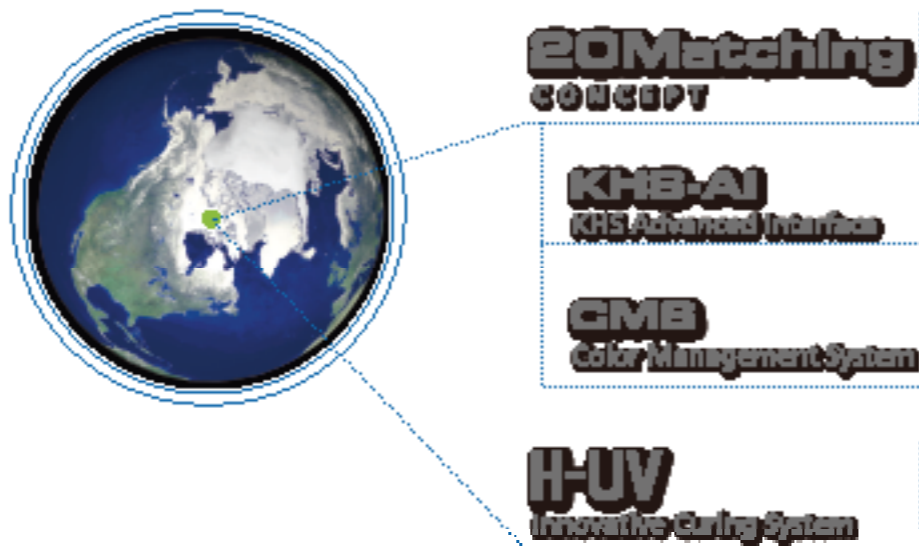
# Offset OnDemand



## Concept

'OffsetOnDemand' empowers printers to cut paper waste to an extremely low level and meet market demands that entail small runs with very tight delivery deadlines. The core of the system is KHS-AI together with Komori's advanced H-UV curing system.

The thoroughly evolved KHS-AI system enables the press to produce stable color, meeting standards for solids within just 20 sheets of printing start-up. The self-learning function of the system optimizes color matching through the construction of a simple database that stores the most appropriate compensation for all different printing conditions and materials. This permits a rapid reduction in the volume of paper waste. In addition, unlike conventional printing with oil-based ink, H-UV solves a host of problems by virtue of being a powderless drying system, contributing to a further reduction of paper waste. These two systems together allow the simple implementation of OffsetOnDemand.



## The OffsetOnDemand Revolution Powered by H-UV



In this issue, *On Press* takes another look at OffsetOnDemand, the revolutionary new mode of printing that has at its core the innovative H-UV drying system. This is a breakthrough technology that enables printing without spray powder and offers near-instant drying, allowing extremely quick turnaround and even same-day delivery. In OffsetOnDemand, H-UV works in concert with KHS-AI with self-learning, the integrated control system that drives the shortest makeready anywhere. OffsetOnDemand is proving decisive to many printers who are prevailing in today's fiercely competitive environment, and the reasons for this can be discerned by listening to the comments of printers who have introduced the H-UV system.



# The OffsetOnDemand Revolution Powered by H-UV

# The User Experience

H-UV as Seen by Managers in the Know



### The sales manager's perspective

Kenbunsha Printing in Osaka has operated an H-UV equipped Lithrone S26P perfecter for the last year and a half. *On Press* asked the sales manager of this company about the evaluation of the H-UV system inside and outside of the company: "Kenbunsha committed to this press right after the announcement of this new technology, and as soon as we learned of the new H-UV system and the OffsetOnDemand concept. Inside the company, our executives and the pressroom staff appreciate the high print quality and the fact that there are absolutely no delays in delivering work. There is complete satisfaction with high quality printed products. Our clients have a very high assessment of this H-UV printing, which was not available previously. They especially like the very high gloss that we can provide. They also have very high regard for the system's ability to ensure no scratches or marking

and no late deliveries even with matte and other special papers. High-quality printing became much easier, of course. But it also solved the problem of late deliveries. Our sales department enjoyed hearing the positive comments on these improvements from our clients."

### View from the pressroom floor

*On Press* also wanted to know the opinion of a production manager in charge of a pressroom. Fukuhata Sogo Printing installed two H-UV presses of different sizes at the same time, a Lithrone S40 and a Lithrone S26. The plant manager said: "It has been six months since we installed these presses and they are now our main strategic machines. The most important difference from conventional printing is the fast drying of the H-UV system, which gives us the ability to immediately pass the work to the next process. Our operators always encountered various color-

related problems such as blocking when printing with conventional ink. Now, however, we have introduced H-UV-equipped presses, and they tell me that since the process is powderless, they have an environment that allows them to print with the confidence that these problems won't occur and to concentrate on improving overall print quality. We are also making big strides in gaining greater trust from our clients."

### Top management weighs in

From the business side, the key point is economic efficiency, so *On Press* talked to Mr. Matsuoka, president of Asapri, a printer in Mie Prefecture that just installed an H-UV-equipped Lithrone S26. He commented: "Compared to our previous conventional Lithrone, with this H-UV press we have managed to reduce paper waste to about one-third and print start-up has also been reduced to about one-third, which are major

benefits for us. Since we are primarily a commercial printer, we operate with tight turnaround deadlines and have critical high print quality requirements. This H-UV-equipped machine delivers instant drying, allowing us to pass the printed work immediately to postpress for cutting and folding, which is a tremendous advantage for us. Even with matte, special and synthetic papers, the printed work is instantly dried, with no problems such as scratches, marking or blocking. Our customers are very happy with this performance."

### Economic efficiency

Reductions in paper waste and print start-up time – both cut to one-third of previous levels – indicate unquestionable economic efficiency. And the ability to pass printed items immediately to finishing, thanks to the instant drying of the H-UV system, clearly contributes to improved economic effectiveness.

### The OffsetOnDemand transformation

The core of OffsetOnDemand is the H-UV Innovative Curing System combined with the KHS-AI integrated control system for ultra-short make-readies. Data from a number of case studies of actual installations demonstrate the remarkable effectiveness of the system by giving a printing business a transformed competitive edge.



# The OffsetOnDemand Revolution Powered by H-UV

## Lithrone S26 • Fujitoppan Printing • Nagoya, Aichi Prefecture • May 2010

- » 45 jobs completed in a day and a half. Jobs received in the afternoon can be shipped in the evening.
- » No printing accidents or incidents in a half-year of operation. Production efficiency doubled.
- » Increase in total orders, including packaging printing.

## Lithrone S40 • U-media • Sendai, Miyagi Prefecture • June 2010

- » Ideal for work requiring follow-on printing.
- » Stress-free for operators and improved efficiency with the existing workforce.
- » Enables high gloss effects comparable to those attainable with conventional printing.
- » Increases work efficiency so as to allow same-day delivery of work.
- » Contributes to enhanced design creativity.

## Lithrone S40 • Seio Printing • Tokyo • May 2010

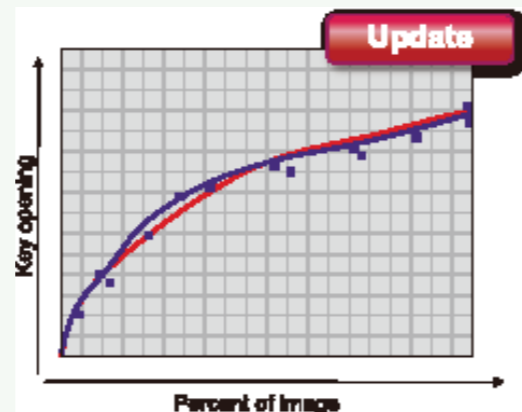
- » Performs H-UV printing exclusively and has no plan to do any more conventional printing.
- » Pressroom requests bindery to finish work rather than being pressed by bindery to finish work.
- » Outstanding printing possible on matte paper that was difficult to print using conventional printing methods.

## Lithrone S32 • Atomi • Kodaira, Tokyo • October 2009

- » Production has completely changed, allowing operators to concentrate on maintaining high print quality.
- » The need to restrict certain difficult designs has been reduced.
- » It has become possible to accept a wide variety of short turnaround orders.

### Self-learning function for color

The KHS-AI ink key adjustment results (OK status) specific to each paper grade are updated each time the [UPDATE] button is pressed. The system itself records and learns the operator's adjustment results and automatically fine-tunes them for the optimum conversion curve. The amount of adjustment for color matching is considerably reduced, and a close match to standard densities can always be attained. Customization of standard density sets is easy. Batch data can be sent from the preset screen.



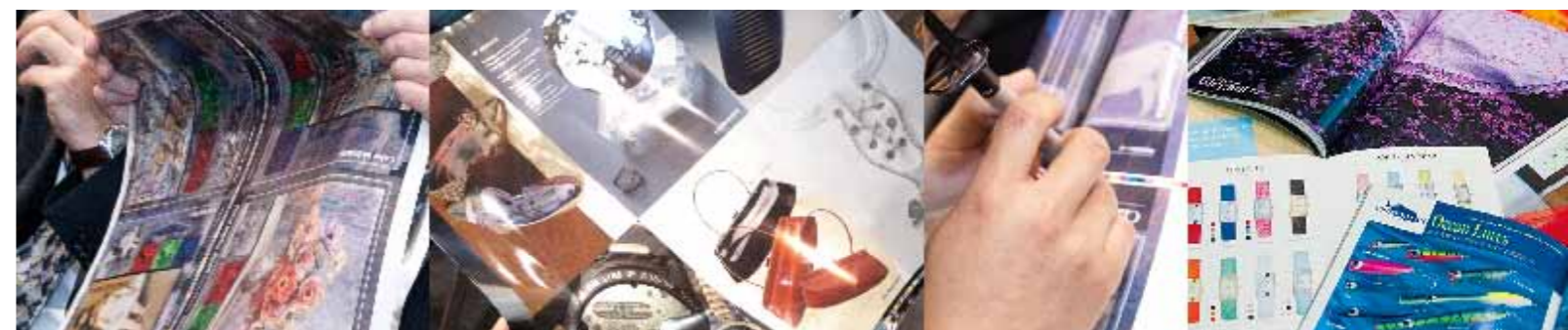
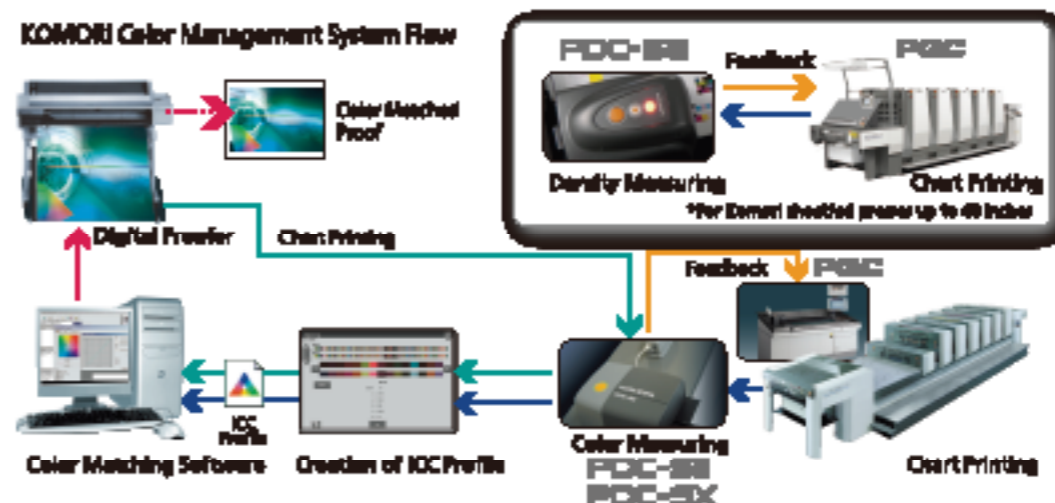
# Meaningful Change

User Realities and the Underlying Technologies

## Lithrone S40 • Bikou Plate-making • Sapporo, Hokkaido • September 2010

- » Very little heat is emitted and the process is powder-free, so the system is good for the environment.
- » There is very little dot gain during printing and dry-down after printing is virtually eliminated.
- » The range of jobs that can be accepted has grown significantly since the company can now take on packaging-type printing jobs.

These are the unvarnished voices of printers who have experienced truly dramatic changes. The H-UV Innovative Curing System – by enabling printed work to be passed to the next process without any intervening drying time – enabled a completely new solution that Komori calls OffsetOnDemand. For printing companies, this system is the breakthrough that leads to the growth of their business.



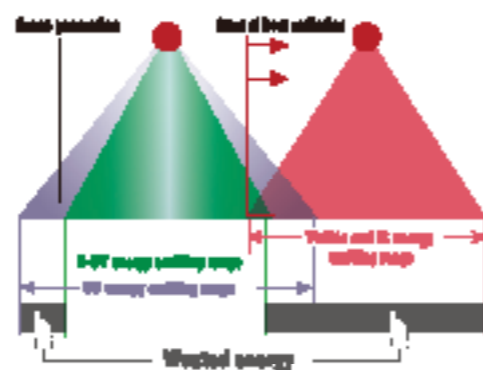
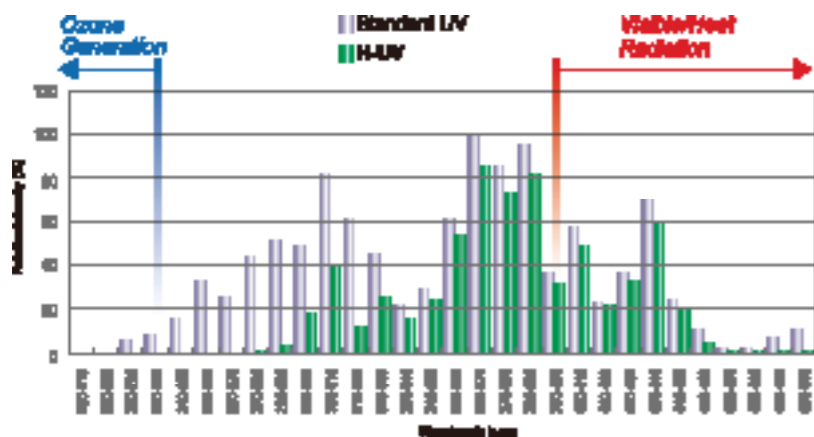


# The OffsetOnDemand Revolution Powered by H-UV

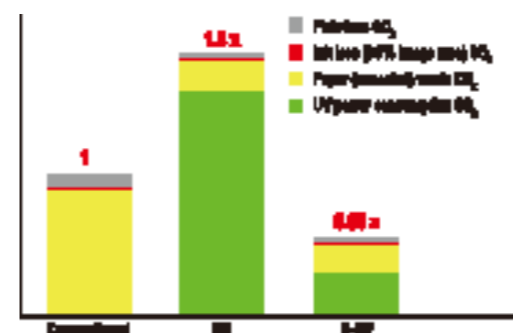
## Technical Notes

The New Business Model: Components and Operation

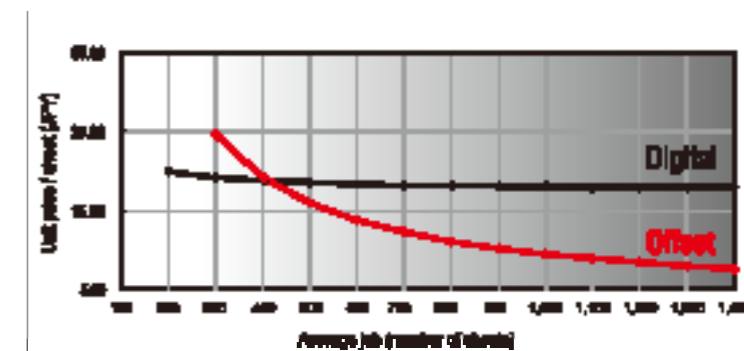
H-UV wavelength



Comparison of annual CO<sub>2</sub> emissions



Offset vs. digital: cost comparison



Offset offers lower cost than digital for jobs with more than 400 sheets

### The OffsetOnDemand difference

'On demand printing' generally means an on-demand short-turnaround system using a digital press that does not employ printing plates. Currently this type of printing has numerous issues in comparison to offset printing, including the quality of the finished work and running costs, so that its diffusion in the arena of color production printing is currently at a standstill. Komori developed OffsetOnDemand based on a completely new concept that maintains the high printing quality and high productivity of offset print while providing a competitive edge with ultra-short runs and quick turnaround work.

The core of Komori's revolutionary new OffsetOnDemand printing system is the fusion of the KHS-AI integrated control system and the H-UV drying system. By shortening makeready time, cutting paper waste, and reducing printing

time to the absolute minimum while maintaining the high print quality and high productivity that are characteristics of offset printing, both short-run efficiency and short job cycle times are achieved. OffsetOnDemand is a new solution that is good for people, good for the environment and very profitable for the company.

### H-UV: Solution for multiple issues

With the H-UV system, a single newly developed UV lamp is utilized to cure special high-sensitivity UV ink. The system was released at the Japan Graphic Arts Show in autumn 2009. Since then, more than 70 H-UV-equipped presses have been ordered by printers in Japan looking to make a shift from conventional printing (as of May 2011). Recently conditions in the printing industry have been characterized by an increased number of short turnaround jobs and

orders requiring low quality, recycled paper and special papers and substrates. Imperfect drying problems are known to occur when using conventional printing for jobs such as these. H-UV not only reduces the risk involved with such work but also enables extremely smooth on-schedule delivery of printed products.

H-UV has the advantage of being very good for the environment because it generates very little heat and is spray-powder-free. The system also offers the advantages of competence with quick turnaround work thanks to its fast drying and adaptability to special papers and substrates. H-UV printing is free of VOCs but still gives color rendition that is very similar to conventional printing.

In terms of quality control, there is practically no dry-down after printing – i.e., density change due to drying. Moreover, density targets can be easily maintained during the print run.

### KHS-AI: Key to 20Matching

KHS-AI is a fast start-up system that sets the basic specified densities at print start-up. The system incorporates a self-learning function that maintains optimized control data by updating these densities with the appropriate compensation value during the actual run. '20Matching' ensures a major reduction of paper waste, cutting the number of sheets from the start of printing to the attainment of stable densities to 20 or less.

To achieve the increases in efficiency and maintain consistent print quality when using OffsetOnDemand, Komori proposes the necessary machine specifications, peripheral devices, guidance at the point of installation, and recommended materials.

For speedy job changeover, the press must be specified with Komori's Full-APC fully automatic plate-changer and

automatic cleaning systems. Smart Sequence provides seamless automatic control from the end of printing of one job to test printing for the next job.

To take full advantage of these software and hardware functions, technical support, including regular maintenance, is provided after installation of the press.

# ENTHRONE 29

The Essence of 85 Years of Offset Press Manufacturing Technologies in a Compact Body

The Enthrone 29 provides Komori's renowned high quality printing, robust performance driven by technologies developed for industry-standard Lithrones, and rock-solid reliability – all at a very reasonable investment point. Flexibility, utility and a very small footprint. A true Komori sheetfed offset press.



Five-color Enthrone 29

ENTHRONE 29 (29-inch Sheetfed Offset Press) Specifications			
Model	E-229	E-429	E-529
Number of colors	2	4	5
Maximum printing speed (sph)	13,000		
Maximum sheet size mm (inch)	530 x 750 (20 <sup>7</sup> / <sub>8</sub> x 29 <sup>17</sup> / <sub>32</sub> )		

## Yamagata manufacturing base for half-size presses

- Komori Machinery
- Komori Electronics
- Komori Machinery Precision Gear Center



Komori Machinery

## Masters of Small-Format Sheetfeds

Located in Yamagata Prefecture in the Tohoku region of Japan, the Komori Yamagata Machinery Plant was established in 1986 to specialize in the production of small-format sheetfed presses. The main products being manufactured today are the award-winning Lithrone 26/29 presses and the new Enthrone 26/29 presses. All, of course, are available with a wide range of options that are also produced in the plant. Now incorporated as Komori Machinery Co., Ltd., the plant is very close to the Komori Machinery Precision Gear Center and Komori Electronics Co., Ltd., a fully owned subsidiary. The Komori Machinery Precision Gear Center produces gears, while Komori Electronics manufactures electronic devices for Komori's full line of printing machines.



Komori Electronics



Komori Machinery Precision Gear Center

ENTHRONE  
USER PROFILENekonoshippo  
Kanagawa, Japan

## The 'Cat's Tail' plays a role in *manga* culture



Tomoki Uchida, President

The founders of Nekonoshippo, President Tomoki Uchida and Executive Director Yoshimitsu Aramaki, talked about the origin of the company: "We went to a printing company to produce one thousand copies of a flyer and were given something of a runaround. It was a nearby printing company in our town, but they declined our work, saying they were too busy handling the overflow from a large printing company. We thought to ourselves, if this is the situation, let's start a printing company that will be helpful to people like us. That led to the founding of Nekonoshippo in 1997. We left 'printing company' out of our corporate name in order to eliminate any customer trepidation."

### 10 micron FM screening – on an En throne 26!

After starting with a quick printing machine, Nekonoshippo gained a raft of orders from magazines for *manga* fans and various self-publishing projects, enabling the business to grow. The installation of a Lithrone 26 in 2007 accelerated genuine offset

The company is named Nekonoshippo, which means 'the cat's tail', admittedly a very unlikely name for a printing company. But the aim was to make the company more approachable for self-publishing customers – both individuals and groups – by deliberately not adding 'printing company' to the name.

### A printer for 'people like us'

Short runs increasingly predominate in commercial printing, and the strategy of printers working in this market must focus on assuring customer satisfaction while securing a healthy bottom line and meeting the short turnaround schedules that characterize this sector.

Nekonoshippo started out specializing in short-run work and has enjoyed exceptional growth. Now the printer has installed the first En throne 26 in Japan, the new press that is gaining a solid reputation with users.



Megumi Uchida



Yoshimitsu Aramaki, Executive Director

printing work. In November 2010, to provide better service to its customers, the printer installed a four-color En throne sheet-fed offset press, the first such installation in Japan. The most significant factor in the company's decision was the double-size impression cylinders and transfer cylinders. Other deciding factors were the En throne's consistently high print quality, its ability to handle a wide range of sheet thicknesses – from 0.04 to 0.6 mm, excellent competence with short runs, its significant reduction of work time due to the ability to execute change-over from thin to thick sheets without adjustment of the transfer cylinder gripper pads, outstanding cost performance, and its compact design featuring an ergonomic stepless configuration on the operator's side of the press. At present, Nekonoshippo has a very high opinion of the energy-saving performance of the En throne since it is realizing a reduction of 24 percent of power consumption when printing at 13,000 sheets per hour.

The company has already mastered high-precision 240 lines-per-inch screening. For the future, the printer is aiming for even higher print quality and intends to standardize on 10 micron FM screening (equivalent to 600 lines per inch), a level of quality that no one can fail to recognize.

### Printing with a vision

Uchida and Aramaki are in total agreement on one thing: "We're proud of playing a role in *manga* culture and the animation industry of Japan, which we think are the best in the world. Short runs are fine with us. In any case, we are determined to extract the maximum performance from our Komori presses. We must because we understand that meeting the needs of each individual customer is the critical mission of our business."



ENTHRONE  
USER PROFILE

Shanghai Yue Zhong Printing  
Shanghai, China

## Four-color Enthroned 29 makes impression at Shanghai Yue Zhong



Zhang Hai Zheng, General Manager

Shanghai Yue Zhong Printing was founded in September 2010 with a company ideal of providing better service and better print quality to customers. Since this new and emerging company installed a four-color Komori Enthroned 29, business has been very brisk. So brisk, in fact, that in just half a year, its staff has gone from around 10 to more than 30. Printing on wood-free paper in the range of 48 to 350 gsm, coated paper, cards and labels, the company specializes in short-run commercial work, catalogs, high quality photo albums, and paper bags for electronics and cosmetics makers, distribution outlets, schools and banks.

Zhang Hai Zheng, general manager of Shanghai Yue Zhong, has a clear understanding of customer needs and a unique per-

spective on pioneering in the printing market based on many years of experience in the industry. Because of the enormous number of printers in the market, competition is fierce. Mr. Zhang thus decided that the only way to establish a position in the market would be by providing high quality service and fully meeting customers' needs.

### 'Outstanding efficiency that inspires confidence'

The company started with two German presses – a one-color and a two-color machine – but Mr. Zhang had his own ideas of what the company would need: "I had more than 10 years of experience as an operator, including more than four years in Singapore, where I operated a considerable variety of presses.

*"I had more than 10 years of experience as an operator, including more than four years in Singapore, where I operated a considerable variety of presses. So I knew Komori machines very well. Featuring very quick makeready and excellent ease of operation, they are known everywhere for outstanding efficiency that inspires confidence."*

Zhang Hai Zheng, General Manager

So I knew Komori machines very well. Featuring very quick makeready and excellent ease of operation, they are known everywhere for outstanding efficiency that inspires confidence."

Following a presentation by Liu Zhen, general manager of Shanghai AFA Printing Machinery, Mr. Zhang decided to invest in the Enthroned 29. "I am very grateful to Mr. Liu for his support. He always offers a fast solution whenever we have an issue," says Mr. Zhang.

### Making a difference on the shop floor

The Enthroned 29's excellent design and small footprint are much appreciated in the plant because they enable efficient use of space. Zhan Zhi Fu, Shanghai Yue Zhong's plant manager, says: "I have many years of experience operating Komori presses. We have not had to stop operation even once due to a problem with the Enthroned 29. This machine ensures that we can meet every deadline. Dot reproducibility and color reproduction are superb. Print quality is very stable with Komori presses and operation is wonderfully smooth. We can concentrate on attaining high print quality through ink control because we don't have to worry about any problems with the machine."

Huang Bing Hao, shop foreman, says, "The Komori E-429 inherits the top-of-the-line technologies of the Lithrone S40, such as the double-size impression and transfer cylinders, which ensure very stable operation and high print quality. I have experience operating Heidelberg, Mitsubishi and Komori presses, and my impression is that Komori machines offer the greatest reliability."

### Factors in decision

Not that much time has passed since the Enthroned 29 was installed, but Mr. Zhang is already very sure that his decision to invest in the press was correct: "We can easily switch paper thicknesses – from 0.04 mm light stock to 0.6 mm heavy stock – without adjusting the transfer cylinder gripper pads. Job changeover and makeready performance are exceptional, which helps to raise productivity. Print start-up is also very fast with this machine. In addition, paper waste is minimized and

the optimum water-ink balance is always maintained, so we are able to start production printing very quickly. Having installed the Enthroned 29 means that we have the confidence that we can meet any customer demands, no matter how difficult."

"Not only is print quality very high, the service we get from Komori's China Service Team is outstanding – they are very active in giving us positive support. Even before the press was installed, Shanghai AFA Printing Machinery, Komori's dealer in Shanghai, came to our factory and evaluated the installation site and offered suggestions. After the installation, they were very helpful in providing instructional materials and printing solutions. They also offered technical training in operation for our operators. Whenever we've had an issue, they have been very prompt in providing a solution."

### Plans and strategies

"We have ambitious plans to become a leading player in the printing industry and we know that new technologies and new ideas will be key to achieving our goals. We must be capable of delivering services that meet the diverse needs of our customers with the quality and quantity demanded. Competition in the printing market is getting more intense every day, and we know that it is important to avoid falling into a vicious circle of company rivalry that is solely focused on lower prices. We intend to concentrate on raising productivity and developing added value printing capabilities that are driven by the energy and creativity of our employees. We believe that this is the best way to meet the needs of today's dramatically shifting markets. In fact, we already have plans to lift our competitive game by investing in another Komori press in the second half of next year," Zhang concludes.

**Grafiche Tiozzo**  
Piove di Sacco, Italy

## Enthroned 529 for Grafiche Tiozzo: High quality and short turnover



Delio Tiozzo, Founder and Owner (far left), and Nicola Tiozzo, Owner (fifth from left), with the staff

Grafiche Tiozzo is a small company in northern Italy deeply rooted in the artisanal printing tradition. To differentiate itself in today's market, Grafiche Tiozzo chose to stake everything on printing quality. And to achieve this aim, the printer also decided to rely on Komori's state-of-the-art printing technologies.

With 25 years of experience in fine graphic arts and an enviable mix of skilled human resources, including expert designers, and a modern technological facility, Grafiche Tiozzo offers both design and printing services to demanding customers. Based in Piove di Sacco, in the Padua district not far from Venice, the company targets companies and private individuals alike, offering coordinated communication design and execution, digital photo retouching, customized graphic services and printing.

In short, the company offers very diversified production, with products ranging from business cards and letterhead to posters, brochures, high-end catalogs and high quality books.

Since the core of the company philosophy is the production process, any item currently in production receives utmost attention. "Certain printed materials require top printing quality, while for others turnover time is more important. With this new Komori we get both high quality and short turnover. Therefore we never have to compromise – being perfectly able to offer outstanding quality in an extremely short time," explains owner Nicola Tiozzo.

Although years ago the printer initially used lead type for letterpress printing, today its fleet of presses consists of a 4-color Komori Lithrone 20 in the 36 x 52 cm format and equipped with a semiautomatic plate-changing system, and the recently acquired Komori five-color Enthroned 29 in 53 x 75 cm format, which was introduced to replace a Spica 429P.

Tiozzo's preference for Komori presses stems from their

quality and reliability. "All of our operators like Komori presses," continues Tiozzo, "because they have never given us any problem. Plus, the printing quality is excellent and fully matches our expectations."

The new five-color straight Enthroned 29 was added to increase printing speed and production flexibility, an upgrade from the Spica 29P. As Tiozzo explains: "Unlike the Spica, the Enthroned 529 allows us to add a fifth color or varnish without the need for a second pass. This new capability has improved our turnover times and printing quality. Komori's presses always provide great satisfaction. The pleasure and the passion I have for printing, which I inherited from my father, Delio, are still so strong that whenever possible I put myself at the operation console of the press to try out new solutions that hopefully will lead to innovative and original products for our steadily increasing number of clients."

### Enthroned 29: flexibility at its utmost

The Enthroned 529 is a very compact press that is not only flexible and thus able to better operate in today's market but also environmentally friendly and economical. Thanks to the automatic blanket washing system, blanket washing time is shortened and cloth consumption is reduced.

The Enthroned 529's printing quality and productivity are also optimized through PCC 2.2.x connectivity, which sends prepress files to the press for presetting various functions. Grafiche Tiozzo's new Enthroned also features the PDC-SE color control device, which detects and corrects any variation in printing quality and sends related information to PDM II, the data management system, to make the necessary adjustments so that quality remains consistent through the entire run.

**Tipografia Sebina**  
Sarnico, Italy

## Tipografia Sebina makes third Komori the Enthroned 529

When Tipografia Sebina began looking for a solution that would improve production levels and operational flexibility, particularly stock management, the obvious choice was the Enthroned 529.

The printer has enjoyed a long-standing relationship with Komori. "Our first Komori press dates from the early 1990s," says Flavio Marchetti, one of the company shareholders. "In 2001 we replaced it with another Komori, which in turn has been recently replaced with the newest Enthroned 529." Tipografia Sebina's third Komori was installed at the end of March 2011 in their Sarnico plant, in the Bergamo district of northern Italy. "In a sense, it is a natural evolution of our strategic path. Over the years we have witnessed the reliability and efficiency of Komori presses. But the Enthroned's new capabilities make this press the ideal choice for us to flexibly and dynamically tackle today's market demands," Mr. Marchetti explains.

### Operational focus

The company, founded in 1955 by Giacomo Marchetti, decided in its first two years to specialize in only two fields: commercial printing, including brochures and catalogs, and packaging printing on plastic substrates for the fashion business. Seventy percent of its client base, which consists primarily of large supermarkets and fashion brands, is Italian customers, with the remaining customers located in France, Germany and Greece.

In its 2,500 square meter plant, Tipografia Sebina has also installed a CTP system and other printing and die-cutting equipment. "This five-color straight Enthroned 529, which is equipped with an IR drier, is the cutting edge of our technological assets. And thanks to its automatic functions, we are now able

to respond more effectively and with greater flexibility to new market challenges – with the ultimate goal of further expanding our client base," Marchetti continues. Another option installed with the press is PDC-SE, the color control system that detects and corrects any change in printed sheet quality.

### Why the Enthroned?

Tipografia Sebina's owners decided to invest in the Enthroned to improve service to their customers. As Marchetti explains: "We have always offered very flexible service, both in terms of turnaround time and the ability to switch quickly between different types of stock. The Enthroned has helped us so much in these areas that the press is now devoted to our entire production." Marchetti continues: "Furthermore, the press footprint is relatively small and so installation was very easy. Above all, the new automated devices, from the semiautomatic plate-changing system (SAPC) to the blanket washing and other cleaning systems, have made our production processes much more agile. Makeready times are very fast, and so are maintenance operations. Finally, paper waste is kept to a minimum." With regard to quality, the Enthroned offers excellent register accuracy, thus contributing to higher quality printing. But there is also another all-important aspect of this press that particularly pleases Tipografia Sebina. As a specialist in the printing of internally dyed plastic materials, the company was looking for a press that would allow greater flexibility with a large variety of materials. "With the Enthroned, it's very easy to switch from 0.04 to 0.6 mm materials without having to adjust the transfer cylinder gripper pads – this greatly reduces strain on the substrate and shortens printing times," Marchetti says.



From left:  
Giacomo Marchetti, Founder and Owner,  
Flavio Marchetti, Shareholder,  
Giancarlo Grassi (Komori technician)  
and Andrea Giudici (Komori salesman)

# KOMORI Solutions for Efficient Print Production

IGAS 2011 marks its third anniversary as one of the world's four major exhibitions of printing machinery. Highlighting its main theme of 'KOMORI Solutions,' Komori will present business models that aim at high efficiency and yield high profits using five of the latest eco-friendly printing presses – including the first unveiling of entirely new models – in the largest booth of any exhibiting manufacturer. In the demonstration of OffsetOnDemand, Komori is ready to deliver real answers through solutions that target high efficiency and high added value.

OffsetOnDemand is a new system for handling extremely short runs and tight delivery deadlines by reducing makeready times and paper waste and shortening overall printing time while maintaining the high quality and productivity of offset printing.

This original Komori system is eco-friendly and at its core consists of the KHS-AI integrated control system and the H-UV instant drying system complemented by an array of Komori automation technologies, new functions developed to improve efficiency, and a comprehensive technical support system.

## Innovative OffsetOnDemand Solutions

### DEMO TO FEATURE EIGHT-COLOR LITHRONE G40P AND FOUR-COLOR LITHRONE S26

The OffsetOnDemand concept, launched last October in the US and Japan and then again in the Netherlands in November, will play the leading role at IGAS 2011.

Two different presses will be used for OffsetOnDemand demonstrations – a four-color Lithrone S26 equipped with the H-UV Innovative Curing System and the new Lithrone G40 perfecter, featured in an eight-color format, also equipped with the H-UV system. Both machines will exhibit rapid print start-up that reaches stable densities within 20 sheets using the KHS-AI system. Thanks to the quick drying H-UV system, the work can immediately pass to postpress. Cutting, folding and saddle stitching will be performed during the demonstration, providing visitors with finished samples of OffsetOnDemand printing.

The Lithrone G40P, which will have the main role in the show, will be equipped with the latest Komori technology. The press will demonstrate the A-APC Asynchronous Automatic Plate-Changing System that performs plate changing on all units simultaneously without phase adjustment and no bending of the plate. Plate changing for eight colors is complete in slightly more than one minute.

The Lithrone G40P will also feature two PQA-S Print Quality Assessment systems to check for printing defects and monitor color matching on both front and back sides simultaneously. Changes in color matching at start-up will also be demonstrated.

The PQC Print Quality Controller is equipped with the PDC-SX Spectral Print Density Control-SX, which automatically tracks the color bar and not only measures color and density but also measures, displays and controls register. On this perfecter, front/back register on both sides of the sheet is also controlled.

In addition, the new KID Komori Info-Service Display will also make its debut at IGAS 2011. This large display unit is installed on the PQC console and allows the operator to check the operating status of the press with just a glance. It also provides a full-size display of the image data for the job and a display of ink key data. PDC-SX and PQA-S information is also displayed.

One of the most important features of OffsetOnDemand is color management. Both presses in the demonstrations will be linked to the Komori Color Management System and an inkjet proofer. Visitors will see the press reach densities that are within Japan Color tolerances by the 20th sheet after print start-up.

## Invitation

IGAS 2011 is to get underway with the theme of "PrintYour Future! Print evolves together with the environment" — featuring the latest machinery and technologies. We want to showcase the future potential of the print media evolving together with the environment.

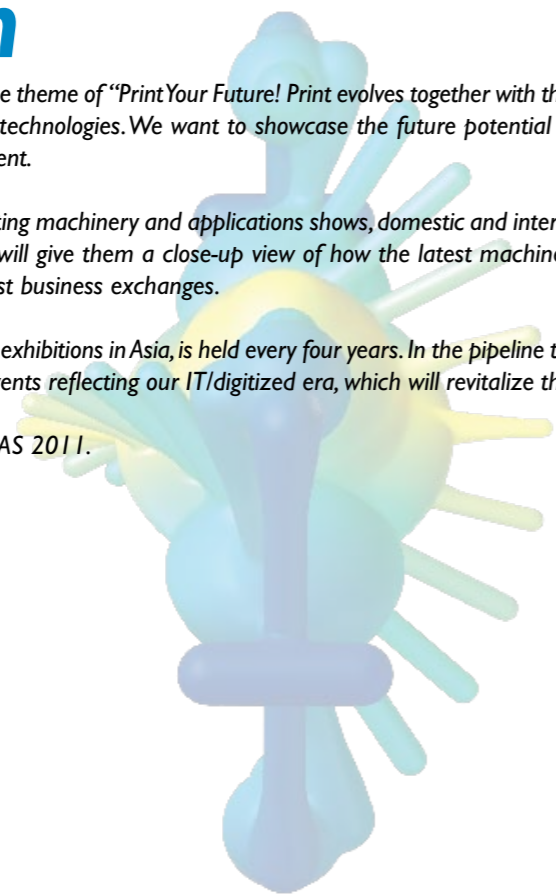
As one of the world's four major printing machinery and applications shows, domestic and international customers have high expectations for IGAS. It will give them a close-up view of how the latest machinery and technology works, as well as the chance to boost business exchanges.

IGAS, one of the largest international exhibitions in Asia, is held every four years. In the pipeline this time are unique IGAS venue designs and plenty of events reflecting our IT/digitized era, which will revitalize the printing industry.

Looking forward to seeing you at IGAS 2011.



Yoshiharu Komori  
Chairman  
Japan Graphic Arts Suppliers Committee



### Information



**IGAS 2011**  
September 16 (Fri.) - 21 (Wed.) 2011  
10:00 - 17:00  
Tokyo Big Sight  
<http://www.igas-tokyo.jp/eng/>

**KOMORI Stand**  
East Hall 3: E3-1



LITHRONE G40P (GL-840P)

## Innovative H-UV Pack-Print Solutions

### SIX-COLOR LITHRONE G40

A six-color Lithrone G40 will highlight packaging and other special printing applications on the Komori stand. The press will be configured with a coater unit and the H-UV system. This press provides compatibility with a wide range of printing substrates and offers high speed, high quality printing. The Lithrone G40 can also be equipped with interdeck UV to provide special coating effects.

This IGAS Lithrone G40 will be equipped with the following devices and systems.

- The Komori benderless, fully automatic plate-changing system determines the phase position of each unit and randomly changes the plate-changing sequence to enable the fastest possible plate change. Plate changing for six colors is complete in about two minutes.

- The PQA-S Print Quality Assessment system is a high-resolution two-camera system that inspects for small printing defects that can be problematic in high-end package production.
- The PDC-SX Spectral Print Density Control-SX system installed in the PQC will show its ability to measure color bars anywhere on the printed sheet, which is a frequent need in package printing. It measures color and density and also measures, displays and controls register. The press is also equipped with the KID Komori Info-Service Display, which allows the operator to run the press while easily checking information that pertains to package and special application printing.

## Efficient and Multi-Flex Print Solutions

### FOUR-COLOR LITHRONE G40

The four-color Lithrone G40, which debuted in April 2011, and the four-color Enthroner 26P, which debuts at this IGAS, are easy-to-use machines that offer high quality and outstanding performance.

The Lithrone S40 – the world-renowned flagship press of the Komori Lithrone line since its debut in 2002 – has been transformed into the Lithrone G40.

Equipped with a new version of the KHS-AI integrated control system as a standard specification, the Lithrone G40 meets today's needs for fast turnaround times, production of many different printed items, short runs and low cost. With stable productivity at the maximum printing speed of 16,500 sheets per hour, this press is an ultra-high performance machine that fulfills tomorrow demands for automation and standardization. The model at this show will be equipped with Semi-APC.

### FOUR-COLOR ENTHRONE 26P

The well-known Enthroner Series of presses, which adhere to the Komori tradition of high print quality and advanced technology, is now available as a perfector press.

This new Enthroner is based on a cylinder arrangement of double-size impression and transfer cylinders (one cylinder in the sheet reversal mechanism is single size) and offers competence with a wide range of printed items and short runs as well as very stable performance. In addition to the double-size cylinder design, the Enthroner 26P provides an ergonomic operator-side stepless construction and a small footprint that makes it possible to be installed practically anywhere. Equipped with the PDC-SE spectrodensitometer, this nimble perfector is certain to impress.

## Komori Ecology

At Komori, 'green' symbolizes the coexistence of people, the environment and nature. A mutually beneficial balance among these three elements ensures a bright future – this is the thinking behind Komori's green concept. Based on this concept, Komori strives for balance among people, the environment and machines and also develops eco-friendly printing presses. Panels that illustrate Komori's engagement with the environment by showing the actual status of the production environment and products will be shown.

## Komori Assistance

A number of retrofit products developed by Komori Service are based on five points – productivity improvement, print quality improvement, performance stabilization, prevention of damage due to disasters, and reduction of paper waste. Visitors to the IGAS stand will learn about Komori's response to earthquake disasters and will also learn about preventive maintenance, parts support and service programs.

The introduction of Komori-brand printing materials as one part of a new business will also be highlighted at IGAS.

## Info Sources

### Web and Chambon Corner

Komori's System Series web offset presses, which hold a solid 70 percent share of the Japanese market, will be introduced by videos that document case studies of users who have installed these presses. In addition, the inline presses for packaging that are produced by Komori-Chambon in France will also be presented.

### Currency Press Corner

Japanese banknotes, which are printed on Komori currency printing presses, are renowned for being the most difficult currency in the world to counterfeit. Komori presses for currency and securities have been exported to many countries. This corner will have panels that explain currency anticounterfeiting technologies and show Komori's track record in supplying currency printing presses to overseas users.

### New Business Corner

This corner will introduce a number of directions in which Komori's business will evolve in the future.



LITHRONE G40 (GL-640+C+DU)



LITHRONE G40 (GL-440)



ENTHRONE 26P (E-426P)

# Max Fortune's smart choice

Max Fortune Industrial Ltd., Dongguan, Guangdong Province, China



Chan Chi Keung, Managing Director

## Partnering with Komori for rapid growth

Carried by the 'spring wind of reform and open doors' of the early 1990s, many Hong Kong companies expanded their businesses into the southeast coastal areas of China. Max Fortune Industrial Ltd. is one of the companies that expanded in this environment of relaxed regulation. Currently, the company owns a total of five factories in China and Vietnam, has over 5,000 employees, and attained sales in 2009 of approximately 800 million Hong Kong dollars (approximately 103 million US dollars). Such an amazing performance should not be overlooked.

However, because all of the items the company produces, including gift bags, gift boxes, greeting cards and other stationery goods, are exported overseas, it does not come as a surprise that the recognition level of Max Fortune in China is not as high as it should be. The English version of the company website ([www.max-fortune.com](http://www.max-fortune.com)) is eye opening. The

colorful product samples, numerous awards, various certifications, and participation at charity events clearly portray the Hong Kong company's 17-year history. Max Fortune knows that fortune comes by taking the initiative.

The products that Max Fortune creates are all exported, targeting middle class customers. "In the 1990s, demand for gift bags and gift packaging in China was still low. When consumers bought a Chanel product, they were satisfied with the beautiful paper bag that came with the product, and there was no need for wrapping it. However, gift wrapping is popular in foreign countries, and we knew our products would be accepted in overseas markets," states Chan Chi Keung, the company's managing director.

## Thorough preparation

In 1996, Max Fortune established its second factory in Boluo, Huizhou, Guangdong Province, and its production average increased

*"When we print using a Komori press, we are impressed with the high printing quality and reliable performance. In particular, our engineers love the operability of Komori presses – we are determined to stick with Komori forever. In fact, when all the machines are from a single brand, it is easier to solve problems when they arise."*

Chan Chi Keung, Managing Director

to 400,000 bags per day. This increase allowed Max Fortune to export even greater quantities of products and to develop markets in Europe and the U.S. To meet this increased production, the company started purchasing a number of machines. In 1998, Max Fortune introduced a Komori four-color Lithrone 40 sheetfed offset press, which was one of the most cutting-edge pieces of equipment at the time. Since then, Max Fortune has developed an enduring bond with Komori.

Max Fortune is truly a 'loyal' user of Komori. "When we print using a Komori press, we are impressed with the high printing quality and reliable performance. In particular, our engineers love the operability of Komori presses – we are determined to stick with Komori forever. In fact, when all the machines are from a single brand, it is easier to solve problems when they arise. Currently, we own a total of 20 Komori offset presses that are used in our factories," observes Chan. Max Fortune also respects Komori's corporate philosophy as well as its aspiration to continuously improve its technological standards. When Max Fortune visited the Komori factory in Japan, the directors felt that the modern and comfortable atmosphere at Komori was a perfect fit with Max Fortune's corporate culture.

The year 2005 was a milestone year for Max Fortune as it built a new factory in Vietnam. And then in 2008, the company purchased an existing factory in Longxi, an area close to Boluo, and founded a fully owned subsidiary that it utilized as a foothold for entry into the domestic market.

By this time, the different roles of the five factories had become clear, and Max Fortune continued to grow rapidly. "Even when there is an emergency, we are able to maintain stability. The worldwide financial crisis actually had a positive effect on Max Fortune. The products we sell are not 'high-end' products. In particular, the prices of gift packages are reasonable. It is true that the financial crisis negatively affected consumers' purchasing abilities. But when people could no longer

buy expensive gifts, they shifted their focus to enhancing the overall appearance of the gift package," notes Chan.

## Opening up the future

"The scale of Max Fortune's gift bag and gift box sales is growing rapidly, and our products are seen even in Wal-Mart, which is the largest US mass retailer. Max Fortune grew from a no-name company into a company that has secured a steady share of the European and US markets. The next goal is to establish our own unique brand and apply the innovative philosophy of the company to new products," continues Chan.

Max Fortune invests three to five percent of its proceeds in innovation. "Compared to other printing companies this level is relatively high. Rather than producing only the designs that are provided by our customers, we hope to sell our own designs and compete in the market," says Chan. Max Fortune's innovation team, which has more than a dozen staffers, including a designer from France, is very familiar with European designs. As management states, "Our advantage is that we know what customers are looking for. We purchase great designs overseas, bring them back, and study them. We participate in an annual fashion show and incorporate the trendiest colors and fashions into our products. Such efforts allow Max Fortune to be infinitely innovative."

Max Fortune's corporate spirit is to never be complacent. "Any product can experience decreased demand. To secure the company's sustainable growth, it is vital to develop new products. The demand for toilet paper in China is increasing every day, and there is an opportunity for a new brand to enter the market now. We want to provide a new choice for consumers," says Chan. With such confidence, Max Fortune is investing 600 million yuan (approximately 92.4 million US dollars) in a production line for toilet paper, and plans to build a new factory in Fuzhou.

# Powering up with the System 38D

Rotimpres, Aiguaviva, Spain



625mm/578mm-cutoff System 38D 32-page web offset press

Rotimpres is a print service provider specializing in both coldset and heatset web offset printing. Founded in 1982 as a newspaper printer for *EL Punt*, its client portfolio gradually expanded. Then, in 1990, the company started doing commercial and semi-commercial printing work with heatset offset. Because of this steady expansion, Rotimpres relocated, in 2000, to Aiguaviva, near Girona, in the northeast of Catalonia, Spain.

## Web offset printing for commercial and newspaper work

The outstanding new facilities occupy a total area of 86,000 square feet and house a team of one hundred workers as well as five webfed presses, an integrated converting center and finishing room, and a workflow for automated file processing.

“The essence of our company strategy is based on three values: service, quality and price,” Pere Carreras, manager of Rotimpres, explains. “Our aim at Rotimpres is to achieve the complete satisfaction of our clients. Having the latest technical capabilities and the best human resources is the only way to ensure such client satisfaction.”

“Our company exports 65 percent of its production. And our production comprises both commercial and newspaper work, and includes weekly and monthly magazines. Our varied output was a key factor when choosing a printing solution to expand our market and capabilities,” Mr. Carreras explains.

## Expanding the product range in A4 format

“The Komori System 38D web press was added to reinforce our commercial printing business

on coated paper,” Carreras says. “The need to adapt to market demand and expand our production capabilities to smaller formats has been the main reason for adding the 32-page Komori System 38D.”

“We chose this press because we have no intention of entering the higher pagination market, and the choice was either a 16-page or a 32-page press,” Carreras continues. “Our experience told us that a 32-page machine was a versatile option, as it includes all the functions of a 16-page press with many additional possibilities.”

“Once we decided the pagination, we determined the necessity for advanced automation features. Quick job changeover with little paper waste is a key factor with shorter printing runs,” Carreras notes.

“The Komori System 38D web press is a next-generation press equipped with every possible automation system available. It offers an astonishingly high print quality and really low production costs, especially with short to medium runs. Producing 16-page signatures, its maximum printing speed is 78,000 impressions per hour. The folder greatly increases its versatility compared with other machines, as it allows a wider range of formats – up to 16 in the standard configuration. The automatic folding changeover system allows us to perform quick changes, applying basic settings to conform to the specific weight – it can print on papers from 45 to 130 gsm – as well as the format and grade of the paper used,” says Carreras.

## Settings automation

Besides including the Full-APC system, the Komori System 38D also has the PQC quality control system, the automatic blanket washing system, the Quadtech RCS cutting control system, a register control system, a color control system, and an inline gluing system.

“The most revolutionary aspect of this machine has been the speed of the job changeovers and all the production automation features,” Carreras says. “As an example, a job changeover that only involves changing plates takes less than 5 minutes. If the folding has to be changed, that takes 15 to 20 minutes. That is less than a quarter of the time we needed for those operations with our other press.”

The automation and optimization of the press makeready and printing processes is one of the most remarkable features of the Komori System 38D. It is equipped with the latest version of the KHS-AI interface that uses job data from the MIS environment and merges it

with the data coming from the CTP workflow. The merging of the data allows the automation of registration and color matching, besides adapting the pre-inking to the specific image that will be printed.

The KHS-AI system has intelligent self-learning capabilities and is able to optimize color matching through recurrent analysis and automatic compensation of the image area ratio and ink key openings. All these analyses enable an optimization of the printing process based on the status of the machine, the printing environment and the changes in the paper. The system provides self-diagnosis and remote diagnosis functions.

The press also incorporates the FPI-40/5030 Flying Paster automatic reel changing system and a crawl speed automatic splicing device. The automation features of the Komori System 38D greatly simplify the work of machine operators without stripping them of their responsibilities and noticeably improve daily productivity. Besides its positive impact on changeover times, automation also contributes to more environmentally friendly printing as it reduces paper waste and general overconsumption.

## Tailored for short printing runs

“Our Komori System 38D has enabled us to win new kinds of projects and expand the range of products that Rotimpres offers its clients, adding solutions of the highest possible quality. Rotimpres can produce very short printing runs compared to what’s common with web presses. It’s not usual, but we do printing runs starting at 5,000 copies. The automated presets and makeready features of the Komori System 38D are essential to producing these short runs in an efficient, quick way and with very little paper waste,” Carreras concludes.



# Shin-Nippon adds LS-629+C in UV

Shin-Nippon Industries, Singapore and Malaysia



Mr. Joseph Cheng, Managing Director, and Mrs. Cheng at Komori Graphic Technology Center

Shin-Nippon Industries Sdn Bhd, established in 1989, is an affiliated company of CSC Packaging Pte Ltd, a leading manufacturer and supplier of packaging products in Singapore and Malaysia since 1945.

## Full array of packaging services

Today Shin-Nippon has a reputation for providing customers with excellent products and services at competitive prices. The company's Malaysia integrated manufacturing facilities are endowed with a complete range of prepress, printing and converting equipment along with an efficient team of employees. As a total packaging services provider, Shin-Nippon specializes in UV/offset printing, vacuum forming, plastic injection molding, and handmade gift boxes.

## Full-spec UV press with IR drying

Over the years Shin-Nippon has implemented a number of expansion plans and invested in the latest advanced high-tech machinery to meet the increasingly stringent quality requirements for its premium packaging products. The latest addition to Shin-Nippon's fleet of printing equipment is a Komori six-color Lithrone S29 UV press plus inline coater with Extended Delivery and IR drying. Color management is based on the PDC-SII spectrodensitometer.

Shin-Nippon achieved the internationally recognized ISO 9001 Quality Management System certification in 2002 and the ISO 14001 Environmental Management System certification in 2006.

In view of the growing concern about environmental protection, Shin-Nippon's management is also committed to investing more in environmentally friendly plant and equipment in the future.

## Well-rounded lineup of Lithrone hardware

Currently, in addition to the LS-629+C, Shin-Nippon has also installed a Komori eight-color Lithrone 40 UV press plus inline coater with Extended Delivery and IR and UV drying, a five-color Lithrone 40RP (Reverse Printing) press with coater, and a four-color Lithrone 40. With the Komori printing presses, Shin-Nippon is confident that it will maintain a competitive advantage and produce excellent quality products for its customers around the globe.

Shin-Nippon has always believed that employee training is one of the most critical aspects of the business. As machines grow more complex, employees' knowledge, skills and competence are more crucial than ever. With a constant eye on excellence in both operator skill and product quality, Shin-Nippon is ready to take on any new challenge ahead.

# Second Komori for Kayen Print

Kayen Print, Bangalore, India

Kayen Print Process is one of the leading printers in Bangalore and is now home to one of the most distinctive Lithrone S40s. The printer has had a Komori Spica 429 since 2006. In 2005 Kayen began to comparison shop for a new press. After careful analysis of different presses and manufacturers, they decided to purchase the Komori Spica 429. The company has had an inseparable bond with Komori ever since. Growing with remarkable speed, Kayen recently purchased a Komori LS-440.

## 'Increased worker motivation'

Director Kaushik Thakore is lavish in his praise of Komori and absolute in his conviction that Komori presses offer unsurpassed ease of operation and highly customized designs. As Mr. Thakore notes: "Printing companies can guarantee production output and honor deadlines by continually increasing production efficiency and printing quality and by installing equipment that requires little maintenance. We feel confident about Komori presses not only because of their high performance but also because of solid customer support from Printtools, the Komori distributor in India. The presses also lead to increased motivation among our workers because of their reliability and ease of operation. The reason we introduced the four-color Lithrone S40 press was to make our operations more efficient."

"As a Komori user, we are delighted that the market share held by Komori is steadily increasing and to see that other users share our high regard for Komori's print quality and after-sales service," adds Mr. Thakore.

This family-owned business started in 1982. Today at the helm is second-generation owner Nimish Thakore, who has been

*"We feel confident about Komori presses not only because of their high performance but also because of solid customer support from Printtools, the Komori distributor in India."*

Kaushik Thakore, Director

running the company for the last 18 years. "When my father started this business, he had 15 employees. When I took over, I had to invest much time and energy into learning the business and then growing it to the company it is today. Our investment in our equipment is really a re-investment in our business and our clients' success," says Nimish.

## Focusing on core competencies for the future

"In today's market place we need to rely on our core competencies. We focus on the relationships we have with our customers and work very hard to build on those relationships. We have some customers who have done business with us since the very beginning. We are trying to grow our market share and put ourselves in a stronger position for the future," says an optimistic Nimish.



From left: Mr. Nimish Thakore, Owner, and Mr. Kaushik Thakore, Director

# Two LSX-640s in quick succession

Alexir Packaging, Edenbridge, UK



After installing its first Komori six-color Lithrone SX40 with coater in December 2010, the UK's Alexir Packaging has bought a second identical machine. The first LSX-640 was purchased after a fire completely destroyed the company's Crawley site – a disaster that resulted in Alexir undertaking a rapid and total review of its operation.

Says Operations Director Paul Elston: "Prior to the enforced move to our new and larger factory in nearby Edenbridge, we analyzed every aspect of our work practices and production facilities, transferring the best existing elements to the new plant. Our midterm development plan had, in any case, included investment in the latest press technologies, because even though the two six-color Komori Lithrone 40s we had at Crawley had served us well for many years, we recognized that new press technologies were superseding the productivity capabilities of machines installed in the 1990s. Events moved our plans forward, and we initiated quick and totally unbiased trials on both Komori and Heidelberg."

## 'LSX40 proved its superiority hands down'

The Lithrone tests were undertaken at Komori's European Headquarters in Holland, after which, Mr. Elston explains, "Our technical team reported back that the Lithrone SX40 proved its superiority hands down. So, with the greatest cooperation from the Komori teams in Leeds and Utrecht, we were able to take almost immediate delivery of that same demonstration press – which was installed three weeks after the tests and in full production just three weeks after that."

Continues Elston: "The consistency with which this latest Lithrone handled carton materials especially impressed us, and the extra sheet size of the X model – now up to 750 x 1050 millimeters – was also very relevant, as it enables us to add an extra row of the smaller size cartons or print two-up larger cartons in one pass."

## Alexir Packaging: Part of a multifaceted group

Established in 1989, Alexir Packaging is a privately owned company with 85 employees and is the carton manufacturing arm of the multifaceted Alexir Partnership. It

is recognized as an expert in folded printed cartons, specializing in direct food contact packaging and producing in the region of 150 million cartons a year, the majority of which is for the UK retail and single-use food service marketplace. Complementary products are specialist cosmetics, toiletries and pharmaceutical packaging.

The other Partnership companies are Alexir International, which specializes in providing a comprehensive outsourcing packaging solutions service, and will recommend whatever are the most suitable substrates, whether plastics, pulp, metal or board; Alexir Design, which offers a full in-house design and carton engineering service, extending into preproduction testing; Alexir Contract Packing, which fills and co-packs to British Retail Consortium, Forestry Stewardship Council and Soil Association standards; and Alexir Brands, which delivers finished product solutions.

Alexir's varied customer profile results in run lengths ranging from as low as 100 to over 400,000, although the average is around 10,000 sheets. "We generally work within a sheet thickness range of 450 to 800 microns, and the new Lithrone SX40 made an immediate impression with us on the heavier thickness carton board, where we have experienced a phenomenal increase in productivity and have been able to run continuously at the specified top speed of 18,000 sheets per hour," Elston says.

"We've also found that with Komori's PDC-SII spectrodensitometer, we reach correct color much faster and hold color throughout the run. Add to that the benefits of what we consider to be a true fully automatic plate-changing system, and we have been able to double the daily number of sheets on the floor compared to either of the previous Komori Lithrones," Elston continues.

## Why a new press so soon?

It took just three months' production on its new Lithrone SX40 for Alexir to decide on another Komori. Why so fast? Elston explains: "First, the performance of the LSX showed us just what Komori's latest technology can deliver. Second, we have had an increase in turnover of late. We had scheduled another press investment for the end of 2011 or early 2012, but with the business growing and the SX proving so productive, it made good sense to invest now and follow up with an identically specified machine. Especially as the new Lithrone had also enabled us to save considerably in materials; we had a target of 50 percent waste savings – the LSX has exceeded

that, and, as the press also requires less power than its predecessors, we're saving all round and producing much more!"

Assisted by a growing export market in Europe and the US, the company attributes its increase in business partly to its success in clearly differentiating itself from its competitors. It presents itself as not only a carton printer but also a carton industry innovator, working very closely on new product development with its clients in such fields as biodegradable folded cartons, in which it utilizes and even helps to develop a wide range of natural and compostable fibers, with an emphasis on the food industry. It is also a leader in biodegradable coatings and has developed a range of fully compostable coatings for food trays and cartons conforming to EN13432 – the internationally recognized standard for compostable materials.

## Advanced product innovations

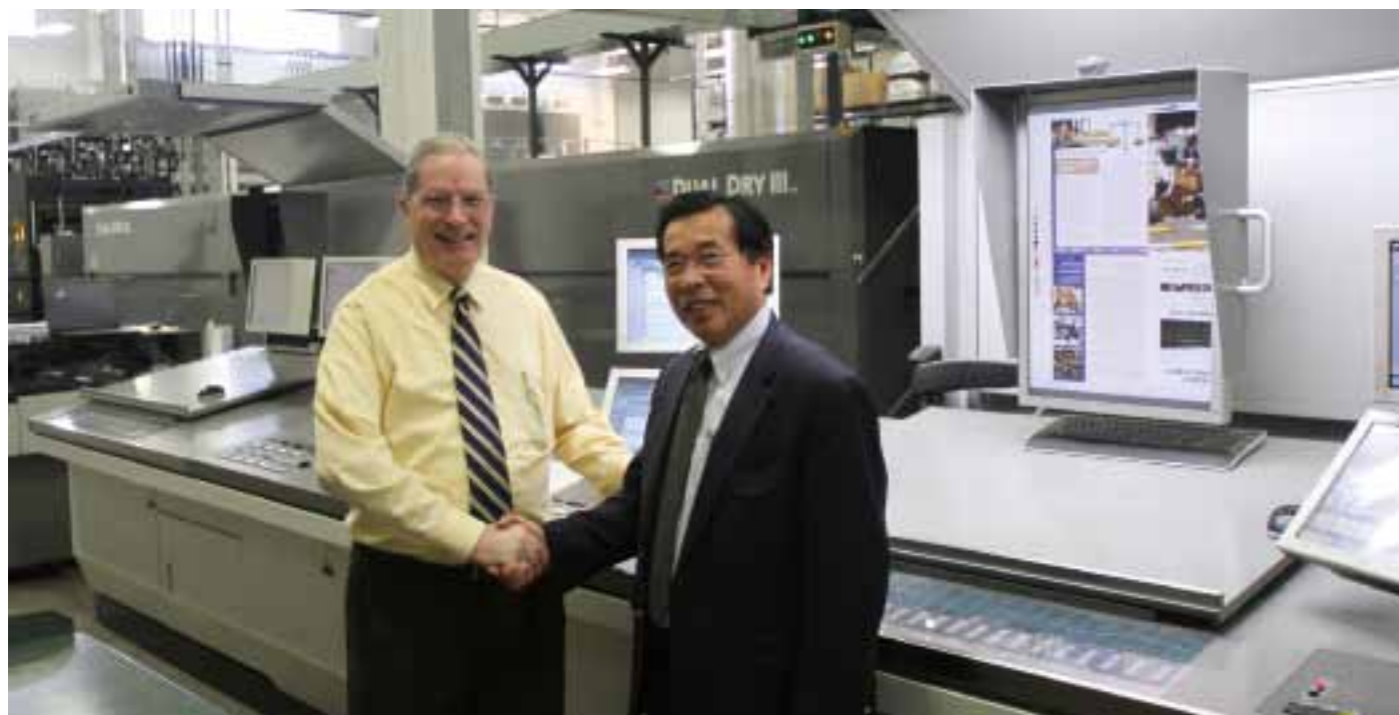
Recent innovations devised by Alexir have included Alexipack® – a patented, lightweight tray for ready meals, developed initially for a major retailer's Healthy Living range, made almost entirely from renewable and sustainable resources, and suitable for dual oven and freezer/chiller use. Another innovation is Bioptema™ heat sealable coating, which, as its name suggests, is totally biodegradable and allows direct food contact.

It's all part of the company's total commitment to the full spectrum of environmental issues springing from Chairman Robert Davison's adage to "Never forget – trees have to be farmed, just like crops." Echoes here of Komori's own philosophy of "working with customers to protect our earth" – an abiding Komori belief that was the driving factor in the development of the Lithrone SX40 itself.



# Record-breaking turnaround

Freeport Press, Freeport, Ohio, US



From left: David Pilcher, President and CEO, and Kosh Miyao, President and COO of Komori America

The first time David Pilcher walked into Freeport Press in Freeport, Ohio, a little over 12 years ago, was to broker the sale of the company – but after taking a look and reviewing the company's records he saw it was a diamond in the rough. Pilcher subsequently bought the company and turned it into one of the top 200 printing companies in the US.

"When I first visited Freeport, they had serious financial issues. The company was also running outdated equipment and was extremely inefficient. But they had a strong client base and great employees, and, I believed, a strong future," says Pilcher. His hunch paid off. With a strong focus on building the right team, and giving them the best tools available, Pilcher and his two sons, David Jr., VP of Sales, and James, VP of Operations, have built a company that has few rivals. Now home to two Komori System 38S web presses – a five color and a four color – the company has transitioned from a newsprint shop to a state-of-the-art manufacturer specializing in short-run publication and catalog work. With his past experience building and operating two large printing facilities, Pilcher set out to redefine Freeport Press. "I recognized the areas that

could be improved, and I knew we could get in and compete with the best in the publication business if we updated our equipment."

## Turnaround power: Pair of System 38S webs

Freeport installed its five-color System 38S web in 2008. The press is equipped with a CF38 folder, sheeter and HF module for four- and eight-page signatures. "The first web was purchased with the intent of installing a second," says Pilcher, which they did in January 2011. The new four-color System 38S is equipped with a CF38 folder, HF module and a duplex structure so it can run the web from press one to the folder on press two. According to Pilcher, "The changeover from separate to duplex is no more than 10 minutes." This feature allows the company to produce 32-page signatures. According to Bob Buongiorno, Vice-President of Komori America's Web Business, the installation broke records. "Freeport Press was actually running live jobs on the press in just 36 days."

In addition to upgrading the pressroom, Pilcher also invested in other areas of the business. "One of the areas we focused on



was our prepress department. We wanted the latest and greatest technology. We bought enterprise-wide software that helps with everything from materials entry to manufacturing to inventory and invoicing. We built a more efficient workflow and have a much better grasp on how we are doing."

Pilcher credits the company's Komori web presses with significantly improving their productivity and profitability. "The fast makeready and high print quality are paramount to our success. Komori has been a great partner."

In fact, the company has been so impressed with the makeready time on their System 38S webs that it decided to try to break a record – the most makereadies ever done on a 16-page press in a 24-hour period. The job they chose to use is one the company runs on a monthly basis, but usually does in small blocks of time over several weeks. "We love a good challenge, and the System 38S is the most productive press I've ever seen. We wanted to exploit the press and really try to do something no one else has ever done."

The entire Freeport team was excited by the challenge – including the prepress team that had to prep and stage over 1,000 plates.

The challenge took place on March 17, 2011, and, according to Buongiorno, it was extremely impressive. "You would think that everyone would be working like crazy, but quite frankly, no one even broke a sweat. The transition from job to job was seamless – all the press crews had to do was take the old plates out of the cassettes and make sure the pasters had paper rolls ready to go!"

## 155 makereadies in 24 hours

At the end of the 24-hour period, the results were impressive – 155 makereadies; 1,240

plates; 1,235,016 impressions with an average run length of 8,000 and a total waste of 14.3 percent. "We were quite simply blown away," said Pilcher. "The productivity of these Komori presses can't be beat. We continue to be amazed."

"When you see a company like Freeport that was on the brink come back and become extremely successful it is a real testament to its management. Through David's vision and commitment to technology, Freeport Press has redefined their business, re-energized their company and become a real player in the short-run publication business," says Buongiorno.

"We are really a blessed organization. Freeport Press achieved double-digit growth during a time when 40 printing companies in Ohio were forced to close their doors. With our state-of-the-art equipment, our fantastic employees and our dedication to customer service, the future looks bright for us," says Pilcher.



# LS-840P makes inroads in Latvia

Printing House Preses Nams Baltic, Riga, Latvia



From left: Janis Pjatkins, Press Operator, Aleksandr Smoglukov, Chairman of the Board, and Anatoly Makhlov, CEO

Latvia's Preses Nams Baltic Ltd., located close to the country's capital Riga, was founded just a few years ago. But in a short period of time it has already earned business-winning trust with customers in a continuously expanding market that includes not only Latvia but also Russia, Scandinavia and the Netherlands.

This trust is built on the company's ability to deliver consistent quality by employing highly skilled personnel and modern technology in all its departments, the latest press investment being a four-over-four Lithrone S40P perfecter.

Printing House Preses Nams Baltic specializes in the production of hardcover and paperback books, and the company's philosophy is to develop optimal technological solutions based on a creative approach to advanced production. It considers nothing to be impossible, and its target is to turn even the simplest of books into masterpieces of printing art.

Before introducing the very latest technology into its printing equipment lineup, it was operating on four B1-size printing presses: an

eight-color Heidelberg Speedmaster T02-8P, a five-color MAN Roland 705, a four-color MAN Roland 704 and a two-color MAN Roland 702. But the company had no experience with Komori machines.

So it was understandable that when they began planning to invest in a new long perfecter, the company's decision-makers looked first to MAN Roland and Heidelberg, not Komori. However, as Aleksandr Smoglukov, chairman of the board at Preses Nams Baltic, explains, "We experienced a level of reticence from Heidelberg, which opened the door for us to bring Komori into the picture for comparison and evaluation against MAN Roland."

### 'Seeing is believing'

As a result, Anatoly Makhlov, CEO and technical director of Printing House Preses Nams Baltic, visited the demonstration centers of both manufacturers, and also went into the field, visiting Komori and MAN Roland customers in Germany and the Netherlands, on the premise

that "seeing is believing." It was during his visits to Komori users that Mr. Makhlov learned that Komori presses genuinely lived up to the technical descriptions presented to him: "In the real world, on the shop floor – not just in demo center conditions – the eight-color Lithrone S40P perfecter was performing so convincingly that we were left with no doubts about our decision. In taking the further opportunity to talk to various Komori press operators, I received additional confirmation of my own opinion that the LS-840P is a very stable and very reliable piece of equipment!"

### Quality, reliability, service and price

Although, according to Mr. Smoglukov, at the very final stage MAN Roland tabled a package of revised offers, the choice of press had to be based on the best combination of quality, reliability, service and price. Adds Mr. Makhlov: "For sure, Komori is one of the leading printing press manufacturers in the world and Japanese equipment has a great reputation for its excellent reliability."

It was this same conviction about Japanese manufacturing ability that directed Preses Nams Baltic toward its new prepress and postpress equipment. Its new CTP system is from Screen and its folding machines are from Horizon – all purchased to coincide with the installation of the LS-840P.

### Eleven million impressions in four months

The new LS-840P with KHS-AI system was installed in Preses Nams Baltic in December 2010, and within its first four months it had printed eleven million impressions.

Says Smoglukov: "We've been impressed that right from the start the Lithrone really lived up to our expectations. When it comes to real production, often not every requirement is met. But our Lithrone prints almost all of our range of production – lightweight and heavyweight materials, very long runs and also short runs – and it's definitely delivering quality print that meets the most sophisticated demands of the market."

### Very stable print

The print shop manager adds that the new Komori Lithrone is providing very stable print, with no deviations or shade differences – all the way from the first pass sheet through to the very last, even when the run length is over 100,000, which is quite frequent at Preses Nams Baltic. And, as he also likes to point out, this is despite the fact that his press operators are still going through the learning process on



Komori presses, not having operated them previously. His evaluation is that they have already mastered 70 percent of the press's operation and the challenge now is to build on this foundation.

Smoglukov also praises the Komori K-Station software that provides a digital interface between the Lithrone and the company's Optimus Management Information System: "It's achieving very high levels of efficiency, providing us with maximum flexibility by enabling us to optimize the functions of the MIS."

So now, what about future plans at this expanding company? It reports that, as there will surely be further growth, it is already considering its next investment steps, and that this could include additional new press technology. But for the time being, Anatoly Makhlov is happy to state: "We can boldly and proudly declare that as of today Printing House Preses Nams Baltic ranks among the best European enterprises producing hardbound books, meeting the current requirements of the market but fully prepared for further developments and new challenges."



# Ovimex: from a Sprint to an LS40

Ovimex, Deventer, Netherlands



Frank Dijkman, Managing Director

The trend for companies today is to lay claim to being “solutions providers.” But, in the printing industry, what does this really constitute and is such a claim truly justifiable?

In the case of Ovimex in Deventer, Holland, the seeds of transition from traditional printer to authentic solutions provider were sown eight years ago, and the company has been reaping the reward for its early initiative, certainly for the last five years, as it has become recognized as a cross-media specialist.

The latest investment for this new breed of marketing service supplier is a five-color Lithrone S40 with coater, which replaces a Lithrone 528 with coater. It’s just one of many investments on a plant list that provides the first insight into the Ovimex solutions philosophy.

## Diverse equipment lineup for wide scope of solutions

On the shop floor of the company’s large, modern premises on the eastern side of Holland is such varied equipment as a four-unit Sanden web offset press with UV, a six-over-six HP Indigo w3250 digital web with in-line finishing, which was the first of its kind

to be installed in the Netherlands, operating alongside HP Indigo 5000 and 5500 digital sheetfed presses, Shinohara 52 single- and two-color presses, plus Heidelberg platens for die cutting and cutting and creasing. Add to that a whole array of finishing equipment, including a Horizon three-knife trimmer/stitcher/folder, supported by two additional folding machines, a Horizon 20-station collator, and laminating and hand-finishing facilities, and it becomes clear that Ovimex has powered itself with the equipment not only to recommend a wide scope of solutions but also to deliver them. Not necessarily in one batch, though! Because also available to Ovimex’s customers is The Store – almost 2,000 square meters of multishelf storage space with the capacity to house 900 pallets.

However, Managing Director Frank Dijkman emphasizes that the company’s solutions are by no means all print-based: “When we started the transition to becoming a solutions provider, it was to distance ourselves from all the many, similar size printers. In taking on a role that previously belonged to professional agencies, we recognized that our boundaries

must be continually broadened and that all media options must be considered. Of course, over recent years these options have grown enormously – online and web applications and other digital media regularly forming part of the diverse cross-media communications package we recommend to clients. And our IT department has developed media support portals for several applications, including a management portal that enables customers to access and manage their communications online 24 hours a day.”

It is, therefore, easy to understand why Ovimex’s workload is so diverse and unpredictable that it can’t be categorized or planned too far ahead. Continues Mr. Dijkman: “We don’t expect to see any further than seven to ten days up front, so flexibility is a key factor here. Two-shift working is our standard, but it’s frequently interspersed with triple shifts which could be in any department. All forty of us at Ovimex totally understand the importance of flexibility; from a management perspective, we’re flexible to our staff’s requests, and they’re flexible with our requests.”

## Combining offset and digital solutions

Finding the right solution can, for Ovimex, involve a combination of offset and digital production and the company is not afraid to recommend a reduction in the print run if that’s the right answer. For example, Ovimex recently initiated a marketing campaign for a fashion industry customer who had previously always placed an annual order for 50,000 copies of a catalog for direct mail distribution. The Ovimex solution this time around was to optimize the customer’s detailed database and target its market with split-run brochures containing 18 changes of content. “The print run reduced from 50,000 to 15,000 and yet the customer response rate increased by several hundred percent,” Dijkman says.

## Moving up to a larger format

So where does the new Komori Lithrone S40 fit into this exceptionally multifaceted company? Explains Dijkman: “First, there is work here that is more suitable for sheetfed production. Our next consideration is whether to print it digital or offset. Such issues as run length, sheet size and the nature of the substrate determine our decision. In particular, sheetfed jobs on material of 200 gsm or more would be directed to the Komori. And, as we tell customers that we are happy to print from one to one million copies as long as the solution’s suitable, the larger format of the



Lithrone S40 plays a major role in our planning.” “We’ve had Komori presses for many years, starting with a Komori Sprint, then a four-color Lithrone 28, then the Lithrone 528 and coater. The decision to move up to the larger 40-inch format was partly to increase our flexibility but also to lift us above the competition.” And why did Ovimex choose its fourth consecutive Komori? “This company lives on good communications – with and for our customers, with our own personnel, and with our suppliers. We have always enjoyed an excellent relationship with Komori and the machines have always performed well for us and for our clients,” Dijkman continues.

“So we didn’t need to conduct any new trials with Komori – our customers had done all the tests we needed! And although we did take a look at other makes of press, the decision was really whether we should stay with our existing format with a new Lithrone S29 or move up to the larger format S40. Larger-format machines had previously been perceived as having slower changeover speeds and creating more waste than the smaller-format presses, but with the latest Komori Lithrone technology, this is certainly not the case – jobs can be changed over in similar times whatever the press size. Additionally, with the larger format, there are fewer plate changes needed, so fewer prepress operations. On multipage work and long runs, the larger format also reduces the number of finishing operations, reducing our finishing times, so the solution for us was not that difficult to make!” concludes Frank Dijkman.





# Show Report



## PRINT CHINA 2011

April 9 – 13 in Guangdong, China

PRINT CHINA 2011 – the second International Printing Technology Exhibition of China (Guangdong) — was held from April 9 to 13, 2011, at the Guangdong Modern International Exhibition Center in Dongguan Municipality, Guangdong Province. In the exciting Komori booth, the Lithrone G40 made its debut in a coater-equipped six-color version and an H-UV-equipped four-color version alongside an Enthroner 29. Live demos every day attracted a great many visitors and generated brisk orders.





**SPAIN GRAPHISPAG**  
International Print Media Exhibition  
March 22 – 26 in Barcelona, Spain



**PRINT PAC INDIA**

January 16 – 21 in New Delhi, India

Comments about *On Press* at the show

*"It covers printing well."*

*"It's very educational and provides important knowledge."*

*Show Report*



On February 18, 2011, the Komori Graphic Technology Center at the Tsukuba Plant showed a first-of-its-kind-anywhere System 35S sixteen-page two-color web offset press equipped with the revolutionary H-UV system that is reshaping the calculus of the sheetfed offset printing industry in Japan. On a web, the H-UV system permits a simple mechanical configuration requiring neither dryer nor chiller, offers high printing quality, is economically friendly because no gas is used, and is fantastically competitive on short runs. Some 146 printers from all over Japan came for the morning and afternoon demonstrations in KGC's Printing College.

**KGC OPEN HOUSE**  
February 18 in Tsukuba, Japan



**EXPOGRAFICA 2011**  
May 17 – 20 in Mexico City, Mexico



From left: Juan de Zuñiga Jr., Deputy Governor of the BSP, and Yoshiharu Komori, chairman, president and CEO of Komori, and Junya Shimada, operating officer, visited the BSP and took part in the signing ceremony for the contract with Mr. Juan de Zuñiga Jr., Deputy Governor of the BSP.

**PHILIPPINE CENTRAL BANK ORDERS CURRENCY PRINTING EQUIPMENT**

**Printing of Philippine Peso to Start Next March**

On February 7, 2011, the Bangko Sentral ng Pilipinas (BSP), the central bank of the Philippines, confirmed to Komori Corporation its order of one line of currency printing equipment. On March 17, Yoshiharu Komori, chairman, president and CEO of Komori, and Junya Shimada, operating officer, visited the BSP and took part in the signing ceremony for the contract with Mr. Juan de Zuñiga Jr., Deputy Governor of the BSP.

The line of printing machinery covered by the contract consists of one offset press, two intaglio presses, one numbering press, one finishing machine, and ancillary devices and systems. The value of the order is approximately 3.4 billion yen (approximately 42 million US dollars). Delivery and installation of the first press will start in mid-August of this year, and trial runs of the entire line will be completed by next February, allowing production of the Philippine peso to commence next March.

At the signing ceremony, Komori expressed gratitude for the order and its determination to complete the project to Deputy Governor Zuñiga and other officers and also voiced appreciation for the warm support and consideration of the Philippine government and the Philippine people with regard to the Eastern Japan Great Earthquake Disaster. Deputy Governor Zuñiga and the other officers conveyed their thanks for the visit despite the difficulties immediately following the earthquake and their satisfaction with and confidence in Komori's total support for this project.

**Demand for Currency Presses to Rise**

Komori has been in charge of manufacturing the printing presses that produce Japanese banknotes since it delivered two intaglio presses for currency printing to the Printing Bureau of the Ministry of Finance (the present National Printing Bureau) in 1958. Overseas, Komori has delivered machinery for currency production to such countries as India and Nigeria.

To secure orders for currency production equipment, demand for which is expected to rise in emerging countries, Komori held an open house featuring currency presses for officials in charge of currency production. In addition, the company is conducting individual tests and is aiming at securing additional new orders this year.



IC532III Single-side Indirect Intaglio Currency Printing Press

**HISTORIC EXHIBITION OF JAPANESE BOOK DESIGN**

February 13 – April 3 in Leipzig, Germany



The Museum of the Printing Arts ([www.druckkunst-museum.de](http://www.druckkunst-museum.de)) in Leipzig, Germany, is well known for its unique collection and variety of printing presses and machinery and a huge collection of type matrices, letter patterns and steel punches. Among the most precious of these are Hieroglyphic, Chinese, Cuneiform, Runes and other alphabets.

This spring the museum held a special exhibition on Contemporary Japanese Book Design, sponsored by German Komori user Giesecke & Devrient, a specialist in banknote and security printing, German Komori distributor Hubertus Wesseler GmbH, and other companies in the German printing industry. The opening was held on February 11, and the exhibition attracted many visitors from February 13 to April 3.

The background of the exhibition is the 150th jubilee of a treaty of friendship and commercial agreement that Japan and Prussia signed in Edo (today's Tokyo) on January 24, 1861, which is still the basis of diplomatic relations between Germany and Japan.

In cooperation with the Cologne Japanese Culture Institute and the Tokyo Printing Museum, the museum in Leipzig exhibited about 100 Japanese books presenting modern book design, with perspectives on typography, illustration, paper and bookbinding from different areas of the publishing industry. Many of the books had received awards at European and Japanese book design competitions.



From left:  
Haruki Murakami – Selected Short Stories  
Wiro art: Masakuni Fujikake  
Photo: Printing Museum, Tokyo  
An Amazing Manga by Erica Sakurazawa  
© Erica Sakurazawa / ナadeshicoプロ / www.nadeshico.co.jp  
Nihon no Kindai Katsujō: Modern Japanese printed materials – Motoki Shozo and his environment (NPO Society for the Preservation of Modern Printed Material 2003)  
Photo: Museum für Druckkunst Leipzig