

# News

K-NORTH

SUMMER  
2006

## Beefing Up

Alberta Printers Retooling  
With Komori Presses

## Komori Lithrone S40P

The Definitive New Standard In Perfector Printing





#### K-North Expansion

The construction of a 21,000 sq ft plant addition has begun. With the additional space, the 90,000 sq ft facility will provide K-North with a larger area for pre-staging of presses, R&D, in-house Training Centre and Customer Service.



K-North regularly hosts technology focus events to help Komori customers understand and solve the current technology-specific problems faced by users on a daily basis. For the full details, please contact Blair Stewart, Operations Manager, at (905) 286-5155 Ext. 237, or by email to: [info@k-north.ca](mailto:info@k-north.ca).



The second annual Komori Golf Classic 2006, scheduled for June 15 at the Royal Ontario Golf Club, will again be an event not to miss. For the details, please contact Jodi Bowers, Event Co-ordinator, by calling (905) 286-5155 Ext. 252, or by email to: [info@k-north.ca](mailto:info@k-north.ca).

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#### The Artful Spica

Portugal's Rabisco de Luz "customizes" its Komori Spica to fit the gallery-like atmosphere of the cross-media production house with art and style.



#### Komori wowed visitors at IpeX 2006

*Total Perfecting Solutions for Sheet-fed and Web* was the theme at Komori stand at IpeX 2006 held in Birmingham, UK recently. The impressive line-up of equipment includes the Lithrone S40, Lithrone S40P perfecter, Super Perfector, Spica 429P, and the new Lithrone S29P.

The Komori stand effectively showcased JDF live with the production of 10,000-copy run of the IPEX Daily, printed on the ten-colour Lithrone S540SP Double-Deck Super Perfector.



## Tsukuba Plant

### Komori's New Next Generation Plant

Sited in a verdant corner of Tsukuba Science City, Komori's Tsukuba Plant encompasses state-of-the-art factory, research and development, training centre - all housed in an over 400,000 sq. ft. ultra modern structure on a 45-acre site. A truly *green* facility, the Tsukuba Plant generates electricity through solar and wind power and runs its air-conditioning system on gas - thus reducing power consumption and CO2 emissions

The newest of Komori factories, the Tsukuba Plant will be the centre for the production of the 40" presses, including the award winning Lithrone S40 and the Super Perfector lines. The Tsukuba plant currently produces about 12 units a day, or approximately 3,000 a year, with a capability for growth to meet the increased demand.



# Alberta Printers Beefing Up

DeJong Printing, Capital Colour Press, and Complete Printing & Graphics are beefing up their production power with Komori presses

All economic indicators are pointing upward for all sectors of Alberta economy. According to a new Canada West Foundation report, Alberta is described as "basking in the best of times in the Spring of 2006" and the Alberta economy is "as good as it gets".

A recent Statistics Canada report on Business Conditions Survey indicated that Alberta manufacturing sectors, which includes the Printing and Publishing industry, were vastly optimistic of the current positive business climate. The value of shipments of goods in the Printing and Publishing industry in the province has increased by 13% in January 2006 as compared to the results from the previous year.

The province consistently has the highest investment per capita rate among the provinces - in 2005 more than twice the national average. A highly entrepreneurial and competitive business community coupled with the vibrant economy translate into an expected healthy growth in production demands. These demands necessi-

tate retooling of their manufacturing equipment in order for them to fully benefit from the market boom while maintaining a competitive edge.

For Edmonton's DeJong Printing retooling strategy was set in motion in 2004 when the company purchased a 6-colour Komori New Lithrone NL628C to replace one of their Heidelberg presses. The Komori is equipped with an in-line coating tower, and a whole host of automated features, including the Komori automated plate changers, PDC-S Spectrodensitometer, and automatic wash-up devices. The state-of-the-art Komori New Lithrone has provided DeJong Printing and its clientele high-end products with unsurpassed quality, speed advantage, and flexibility while respecting the environment.

Continuous investments to improve the equipment line-up at DeJong Printing lead to the company's decision to purchase a Komori Spica 429P for installation slated for June 2006 replacing another Heidelberg press. The 4-colour convertible

perfector Spica features Komori automation, print quality, versatility, ease of operation - ideal for short-run quick turn-around jobs.

Recognizing the fact that the company will have to retool if it is to remain competitive in Alberta's bullish economy, Edmonton's Capital Colour Press invested in a Komori New Lithrone NL628C in 2005 to replace one of its Heidelberg presses. For the company, the tradition-breaking choice to purchase a Komori was the result of an extensive research. Komori's superior print quality, leading-edge technology and low cost of ownership were of paramount importance in Capital's decision to purchase the New Lithrone press. For Capital, the new Komori has delivered higher production, reliability and the printability which is second-to-none.

Faced with growing demand from its customers for short-run quality work, again the company turned to Komori for the solution. Capital Colour Press has just completed the installation of a new Komori Spica 429P to replace another Heidelberg. Heavily built in the tradition of the Lithrone quality, the Spica's automated functions, user friendliness and CIP compatibility present Capital Colour Press with an impressive 4-colour or two-over-two printing fire power.

Calgary's Complete Printing and Graphics has enjoyed consistent growth and success since its inception in 1991. Started out as a print broker, in 1995 the company began to produce its own printing servicing the non-profit and direct mail sector. The business grew dramatically when Complete entered the process market with the acquisition of a 5-colour press and front-end upgrade in 2005.

The recent increased demand for high quality and fast turn-around work necessitated Clive Moore, Owner, to look for ways to meet them. Due to lack of qualified operator and high cost of commercial space in the city, the strategy was to replace the existing press with a superior machine capable of delivering first-class print jobs in half the time, easy to operate, and fits within the current facility and budget. After a month of exhaustive research, Clive Moore found the Komori Spica 429P to be the perfect solution.



Stuart DeJong, President of DeJong Printing, is photographed in front of the 6-colour Komori New Lithrone. The new Spica will soon be joining the New Lithrone in June.



With the 6-colour New Lithrone in the background, photographed in front of the newly installed Spica are, from front to back, Capital Colour's Fred Neuschmid, President, Brian Todd, Sales Manager, Steve Neuschmid, Vice President, and Don Brandt, General Manager.



Posing in front of recently installed Komori Spica is Clive Moore, President of Complete Printing & Graphics, of Calgary.

The Definitive New Standard in Perfector Printing



# Rethink! Perfecting

**K**omori believes that the trend to use one double-sided perfector to shoulder the work of two straight presses will continue for the foreseeable future. In particular, demand continues to grow substantially for two sided convertible presses.

A major challenge of perfecting printing is matching the front/back print quality achieved with single-pass printing. Komori has developed solutions to the problems caused by irregular sheet travel. The aim: the superb print quality level produced by Komori's prize winning Lithrone S40 press. Now the Lithrone S40P - designed with a double size cylinder perfecting mechanism offers a new standard of excellence, fully meeting the demands of high quality printing.

The Lithrone S40P is built to support printers. Unsurpassed production capacity is made possible by the double size perfecting cylinder system. The Lithrone S40P halves the printing time of conventional single-side press. Stock space requirement and drying time are also halved, and lead times are significantly shortened. Also capable of a wide variety of high added-value printing when switched to straight printing mode, this Lithrone widens the range of possibilities for business profitability. The next generation Lithrone S40P - a leap of high productivity combined with high print quality - is the only choice for stepping up to the highest ranks of print.

Major features ►

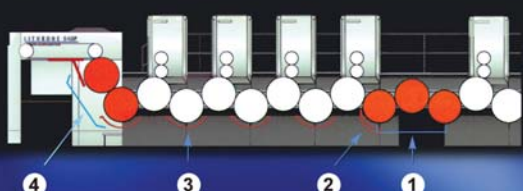
## Concerned about?

- ▶ Marking and scuffing
- ▶ Front/back quality difference
- ▶ Time-consuming make-readies
- ▶ Sheet thickness limitations

Many pre-conceptions have, in the past, created an understandable reluctance in investment in perfecting presses. However, now the Komori R&D department has addressed all such issues and shown the solutions in the **Lithrone S40P series**

# NO

Scuffing  
Marking  
Rubbing  
Abrasion



Perfecting mechanism uses three double-size cylinders

- 1 Double-size transport cylinders and unique sheet transport belt system
- 2 Air guide below perfecting cylinder
- 3 Remotely controlled guides under the cylinders in printing units under the sheet reversal
- 4 Delivery configuration of double-size transport cylinders and sheet transport belt

# Lithrone S40P

## Exceptional Versatility and Flexibility

**F**or printers who require both thin and thick sheet capabilities need both multicolor and two sided printing, or aim at in-sourcing more work, this printing machine offer the necessary productivity and short turn-around as well as high added value capability. The challenge for perfecting presses has been to achieve reverse side print quality of the same level as the front side. Print quality is also reduced when sheets are damaged or scuffed in the process of sheet travel through the delivery. The Lithrone S40P overcomes these print quality challenges and delivers maximum printing speed of 15,000 sph across the full stock range.

Patented double-size three-cylinder perfecting mechanism provide for fewer gripper changes ensuring smooth transport of sheet. In addition, the incorporation of an air guide below the perfecting cylinder restrains movement of the sheets and ensures a stable paper flow. These features are particularly significant for the prevention of sheet curling and scuffing in straight printing mode and when printing on thick substrates.

Conventional perfectors from other manufacturers use a complicated air control system to transport the sheets to the delivery, requiring considerable patience for fine adjustment. Komori has developed a system to restrain sheet unsteadiness and movement by employing double size cylinders to transport sheets to the delivery unit. The sheets then pass to a transport belt that rotates at a speed synchronized to the sheets. The surface of this Komori patented belt is treated with resinous coating that prevents ink adhesions in transport and ensures consistent sheet alignment.

Komori's new full APC changes each plate automatically in less than 30 seconds. Mounting precision is exceptionally high, considerably shortening register adjustment time.

The basic features of the S40P are not limited to quality. This perfector handles sheet thicknesses of .04 to .6 mm, making the S40P the ideal platform for stepping up to the packaging, label, and card printing business.

Technology-driven quick setup results in ultra-short makeready, improved productivity and reduced waste

- ▶ Full APC changes 8 plates in just 4 minutes
- ▶ KHS high speed inking system saves time and cuts waste
- ▶ Automatic program-managed wash-up devices
- ▶ Automatic straight/perfecting mode changeover
- ▶ Inker clutch remote control quickly idles unneeded units
- ▶ Front to bank register adjustment remote control enhances quality and shortens make-readies



Komori Lithrone S40P is the only perfector to consider when running thick sheet - up to .6 mm or .024" - making the Lithrone S40P the ideal platform for stepping up to the packaging, label and card printing business. Suction tape feeder provides rapid, consistent feeding of sheets ensuring outstanding high-speed stability and durability.



Virtually all press adjustments are made easily using the remote control offered by the advanced fully digital press console enabling realtime view of the press operation thanks to integrated CIP4/JDF connectivity. The Lithrone S40P can be specified with the optional PDC-S Spectrodensitometer and K-ColorProfiler transforming the press console into a one-stop total press command centre.



Komori patented double circumference, three-cylinder configuration optimizes cylinder array resulting in a smooth, consistent sheet flow that is not susceptible to sheet curl, substantially reduces the possibility of scuffing, and enables exceptionally high register accuracy.



## MARCAM COMMISSIONS ITS NEW 5-COLOUR KOMORI NL528C



**M**arcam Printers has completed the installation of its new Komori NL528C at the new facility. The new press is equipped with Komori state-of-the-art automation features including Automatic Make-Ready, Semi Automatic Plate Changers, Komorimatic Delta Dampening, blanket and roller wash-up devices, in-line coating tower and extended delivery.

Located in Toronto, Marcam Printers Ltd. is a full service commercial printing operation with complete in-house services include design, electronic pre-press, print, bindery, finishing, shipping, warehousing and fulfillment - serving major industry sectors such as financial services, banking, associations, insurance, hospitality, franchising, retail, manufacturing, and communications.

Posing in front of their new Komori are the three partners, left to right, Dan Stevens, Bob Adams, and Matthew Marczak

**T**oronto's P-Tech Print+Mail has been operating as a pre-press facility/print broker since 2003, and with the purchase of the Komori Spica, the company is now expanding to the commercial printing field.

Under the direction of Rosa Mun, Owner, P-Tech will continue to provide its pre-press solution and integrate the print function as a short-run commercial printer producing a wide range of product including flyers, high-end brochures, catalogues, booklets, etc. for its existing and new customers.

Its versatility, proven print quality, and affordability distinguish the Spica as the ideal press for companies looking to venture into a new commercial operation, as well as those looking to add to their press-room depth and capacity.

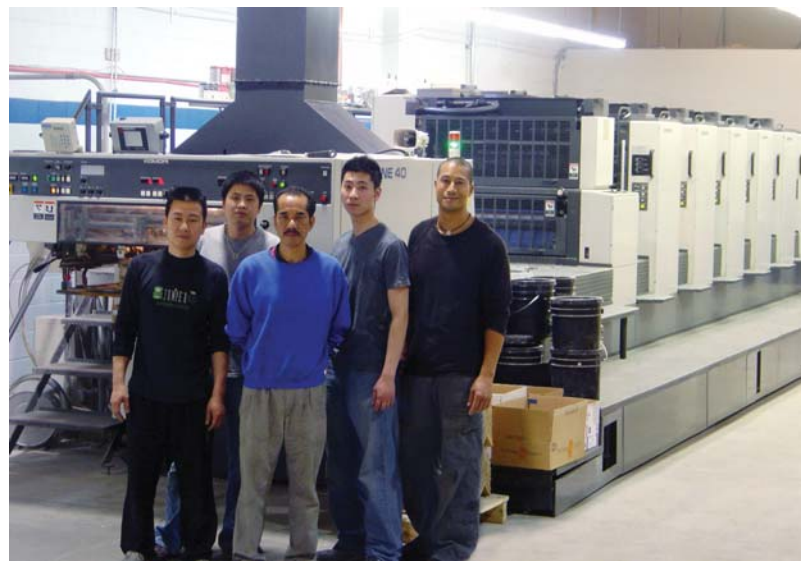
### USER PROFILES & INSTALLATIONS

Photographed in front of the new Komori Spica are, left to right, Rosa Mun, Owner, and Neil Griffith, Operations Manager

## P-TECH PRINT+MAIL LAUNCHES A NEW COMMERCIAL PRINTING OPERATION WITH A KOMORI



## EVERGO PACKAGING EXPANDS WITH A 6-COLOUR KOMORI L640C



**A**s a full service packaging printer and a long time Komori user, when Evergo Packaging set out to look for a new press to increase its productivity the choice was Komori. Evergo upgraded from a 4-colour Komori to the newly installed 6-colour Komori Lithrone L640C featuring fully automated plate changers, Automatic Make-Ready, PDC-S Spectro densitometer, and in-line coating capability.

Situated in Toronto, Evergo Packaging manufactures a wide assortment of paperboard boxes for an array of demanding clients, including frozen food producers, candy makers, toy manufacturers, and pharmaceuticals. The new technology offered by the newly acquired Komori will afford Evergo a tremendous boost to its productivity.

Standing in front of the Komori, right to left, Ringo Chow, General Manager, Andy Chow, Production Coordinator, John Chow, President, Jason Su, 1st pressman, and Rodney He, 2nd pressman.

## BEST COLOR PRESS UPGRADES TO A NEW KOMORI DOUBLE COATER



**B**est Color Press Limited, of Vancouver, BC, has installed a new 6-colour New Lithrone 628CC with double coater. The new Komori is equipped the latest innovations from Komori including Automatic Make-Ready, Semi Automatic Plate Changers, Delta Dampening, PDC (Close Looped

Colour Control), Bladesetter CIP3/4 data transfer and more.

The unique configuration of the new Komori press and UV capabilities will provide added production power and flexibility in response to customers' growing needs for high end commercial print quality.



## **KOMORI LITHRONE S40**

Developed expressly for today's profit-focused, customer-driven, network-oriented industry, Komori Lithrone S40 Series, the world's most technologically advanced line of printing presses, effectively addresses the issues of the pursuit of the essentials of productivity, operating ease, and technological advances - and leads the industry forward into the future.

Winner of numerous prestigious awards, the Komori Lithrone S40 Series has won the highest confidence of printers world-wide as the new standard of excellence in printing machinery. Available in various configurations, the Lithrone S40 Series presses are laying open the enormous potentials that lie ahead.

Lithrone S40 2 to 12-colour  
Lithrone S40P 4 to 10-colour  
Lithrone S40SP 1/1 to 6/6 Super Perfector

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