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Leading Technical Magazine for the
World's Paper, Film and Foil
Package Printing and Converting Industries

Flexo Gravure Int'l



■ CHINA

Continued success

BOBST ■ The *Lemanic Delta* gravure press with inline sheeter, specifically designed for value-added packaging, is becoming increasingly popular in the Chinese market.

Sheeting accuracy is partic-



ularly important for the printer/converter, since the value-added features inserted in the downstream transformation processes require precise positioning of the printed sheet. The variety of different cigarette packs with white board/paper or complex laminated substrates are printed and cut with exactly the same precision regardless of its complexity.

Packaging enhancement features such as foil hot stamping and hologram application, screen and

offset printing, can all be processed through this dedicated offline equipment.

A fifth press-line with an inline sheeter is to be delivered to China.

Lemanic Delta presses have already been delivered to other countries around the world in adapted versions (with rotary die-cutting),

to meet specific market requirements. Most of them are designed with ten printing units and equipped with packaging enhancement features such as electrostatic assist system, front-to-back printing, high capacity varnish dryers and UV dryer and rotary embossing carriage (an embossing fixture can be inserted into the printing unit instead of the gravure printing cart).

→ www.bobstgroup.com

■ INDIA

Preferred supplier

CERUTTI ■ In India's flexible packaging industry few big companies operate – some of them belong to international or Indian groups –



and there are a number of medium-sized and small ones the majority of which are family-owned. In terms of size, the biggest five are *Uflex*, *The Paper Products*, *Positive Packaging*, *Paharpur* and *ITC*. The first three have chosen *Cerutti* as their preferred supplier, with a record of 11 gravure presses sold in 12 calendar months!

The latest single sale includes six model R960/2 gravure presses to an industry leader in India.

→ www.cerutti.it

■ INDIA

A real win-win partnership

KOHLI INDUSTRIES ■ Already in one year after the official agreement, the partnership between *Uteco* and *Kohli Industries* has yielded many promising results. Under the terms of this agreement, the Indian manufacturer of roto-gravure presses produces the *V-Press* line of entry-level gravure presses and also the more sophisticated *E-Press* line destined to some specific countries. Having a reliable gravure press manufacturer outside Europe, who can help reduce the manufacturing costs to be more competitive results is a win-win situation for both partners.

This collaboration enables them to offer roto-



gravure presses based on *Uteco* design, technology and under their brand name also in countries where customers have usually lower budgets available for machine investments. Thanks to this partnership, high-tech and fully equipped machines can cover a wider market, combining Italian know-how and the favourable Indian cost structures.

The manufacturing of the *V-Press* required the construction of a new plant at *Kohli Industries* to create the conditions required for the production of up to ten lines simultaneously. Due to its modular design, this press combines competitive pricing with high print quality. Therefore, converters who want to enter the extremely competitive gravure printing market can count on a reliable machine for short and medium runs.

The *V-Press* is available in shafted and

shaftless version. For converters looking for the *Uteco* gearless technology (GL) at an affordable price, *Kohli* has also started manufacturing the highly productive *E-press* gravure press. Among other benefits, with this machine start-up waste is minimised due to a new pre-registration system. Both the models adopt the advanced electrical shaft technology (ELS) for state-of-the-art performance in terms of register accuracy, both at maximum speed and also during acceleration/deceleration phases.

The close cooperation between *Kohli* and *Uteco* resulted in fast development of these roto-gravure presses and has proven a real success. In 2010 nine presses were sold worldwide (five directly by *Kohli* to Indian customers and four to Asian and Middle East customers). However, the partnership between the two companies is not limited to existing machines but is also targeted towards further developments in the future.

→ www.kohli.org

→ www.uteco.com

■ ASIA

Larger footprint

DETMOLD GROUP ■ The Australian packaging specialist has expanded into Vietnam and the Middle East. The new plants will expand the group's global footprint, allowing them to grow through the UAE and GCC as well as creating a second export focused plant.

As the *Detmold Group* grows its sales in existing and new markets they will continue to develop their manufacturing base to meet these demands.

→ www.detmold.com.au

■ ASIA

Headcount to double

TEKNEK ■ A major expansion and re-organisation of the company's operations throughout Asia has been announced.

Two new offices have been opened in Seoul/ROK and in Shanghai/PRC. These will complement the Asian production facility and fulfilment centre in Hongkong. *Teknek's Asia Pacific headquarters* moves from Yokohama/J to Shanghai and will be headed up by RICHARD MEREDITH, Regional Manager for Asia Pacific. To complement the Shanghai team, *Teknek* will also be recruiting staff for an office in Guangdong/PRC.



Other Asia operations are also experiencing substantial growth. The team in Taiwan is being expanded, the Hongkong production and fulfilment centre will see significant investment in production capacity to cope with increased demand.

→ www.teknek.com

Professional prepress productivity tools

FOUNDER INTERNATIONAL ■ *PaSharp* is a suite of professional prepress productivity tools developed for flexo, packaging and gravure printing. The latest version consists of ten modules designed to improve the efficiency of prepress work. These tools encompass all facets of packaging prepress with vector-based trapping, nesting, step and repeat, editing, inspecting and other specialised functions which

enable prepress operators to boost efficiency and produce higher quality work. Each module provides

various choices in order to meet specific requirements. *PaSharp* can be combined with any PDF workflow, and operators can make modifications within a second.

As a plug-in of *Adobe Illustrator*, *PaSharp* can directly apply prepress operations on files based on

Adobe Illustrator from designers, and there is no need of files conversion which may cause serious mistakes.

→ www.founderinternational.com/en-us

Cleaning and discharging

TEKNEK ■ The new *Nanocleen* rubber rollers clean well and also discharge static. The rollers need no conductive additives since they are inherently conductive. The printing sector has realised a number of benefits from this system such as the ability to remove much smaller particles (down to 25 nm) and eliminate 50% more particles than other contact cleaners. In addition, the rollers can dissipate static charge during operation which allows thin films to be processed. The *Nanocleen* system can be used with old and new *Teknek* contact cleaners and other makes of contact cleaning equipment (using an optional upgrade kit).

→ www.teknek.com

Automation capabilities extended

DALIM SOFTWARE ■ The latest version of *ES 2* – the streamlined customer facing environment and *Twist 6.3* workflow engine – has been released. *ES 2* now utilises the numerous production workflow features of *Twist Engine* to extend its colour accurate virtual soft proofing, the business logic of collaborative project management, and sophisticated approval cycles with fully automated prepress processes. *ES 2* lets users maximise the benefits derived from the combination of technical multichannel content production with the collaborative business workflow of marketing and media service companies. New *ES 2* features include a built-in FTP server for file delivery and a reverse flat plan view for projects created for Asian markets. Many user management and system control features and enhancements have been added for use by corporate and brand management groups. The interactive compari-

son feature of *Dialogue Engine*, the optional *ES2* soft proofing component, has been updated.

Twist 6.3, the most recent standalone version of the automated workflow engine, was built with a focus on colour management improvements and PDF quality assurance. It provides a unique, fully automated PDF comparison workflow, based on the *Adobe PDF Print Engine*. Before a job goes to press, it ensures that the final PDF output is consistent with the intent of the original, delivered file. This assures consistent quality control and prevents costly and time consuming reruns. The newly integrated *Adobe Colour Management Module* helps users achieve a more consistent colour workflow. Meanwhile, the new *GMG Link* tool delivers a fully automated, bi-directional connection to *GMG's FlowConnect* for more transparent integration to colour management.

→ www.dalim.com

First compostable adhesive

BASF ■ *Epotal Eco* is the first compostable water-based adhesive certified by the German Technical Inspection Agency TÜV.

According to *BASF*, biologically degradable adhesives will play a decisive role in the future when it comes to developing compostable packaging materials. *Epotal Eco* is particularly suitable for the production of multi-layer films for flexible packaging materials based on biodegradable plastics. Possible applications are bags for potato chips or chocolate bar wrappings.

Apart from its compostability, *Epotal Eco* is also said to offer all the benefits of water-based adhesives as an environmentally friendly and efficient alternative to solvent-based and solvent-free products for food packaging applications.

→ www.basf.com

New engravings

SIMEC ■ Recently new multi-function engraving profiles were launched. Part of the *Leonardo* series, the new profiles include *HPF* (*High Performance Flexible*) and *HPC* (*High Performance Corrugated*), both created to meet users needs on the basis of specific requirements. In particular *HPF* utilises a selection of new-geometry engraving profiles to improve printing performance by increasing the ink transfer capacity up to 30%. In particular, these new engravings contribute to reduce ghosting and cleaning cycles and facilitate reduction of the anilox stock as *HPF* engravings offer a wider operational range. In addition this new process comprises a specific solution for the printing of White.

HPC has been specifically created for the corrugated market. New geometry engravings enable the same anilox to be used for different supports such as Test Liner, Kraft, semi-coated etc, and in accordance with the engraving from four-colour to fulltone. The thoroughly tested engravings are being utilised by several customers in the corrugated and medium-web industries.

→ www.simecgroup.com

patible with all Esko Suite 10 tools.

→ www.esko.com

Quiet adhesive

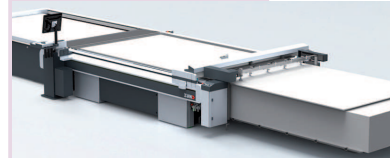
H.B. FULLER ■ The *Flextra* family of flexible packaging adhesives has been expanded with *Flextra Quiet* – a water-based adhesive technology to address the challenge of high noise levels in flexible packaging produced with Ingeo-based laminations.

→ www.hbfuller.com

Unattended production

ZÜND ■ The new *Board Handling System* offers even more efficient and fully automated digital cutting. The fundamental advantages of digital cutting are wellknown. The elimination of traditional dies saves cost in production and space, since digital dies require no physical storage. The digital cutting process also makes it possible to create far more complex contours and permits even last minute changes. In addition, tighter registration capabilities allow the printing of larger sheets, and setup for digital cutting requires very little time.

The new *Zünd* system, designed for fully automated production of signage, displays, packaging, etc, further accentuates the advantages of digital cutting. This highly modular option can be implemented grad-



ually. With full automation of both the loading and unloading processes, virtually no setup or operator intervention is required. The *Cut Center* software ensures user-friendly system operation.

→ www.zund.com