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Dear readers,

here you will find something about interesting innovations and news about Large Format Printing.

**1)**
Suppliers of home and contact textiles can look forward to a potent presentation by their branch of industry when manufacturers, the trade and designers for home and contact textiles from more than 100 countries of the world get together at Heimtextil 2007, the first event of the textile year. Since 1971, the Heimtextil has developed into the world's biggest international trade fair for home and contact textiles. At the last event in 2006, 2,810 exhibitors from 73 countries presented their newest and most fashionable products to around 90,000 trade visitors from 124 countries.

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**2)**
DOMOTEX – the world's largest and best-known tradeshow for carpets and floor coverings – continues to thrive. Around 1,250 exhibitors from some 60 countries will be presenting their innovations and the latest trends. On a total net exhibition area of around 90,500 qm spread over twelve halls, the expected 45,000 visitors will be picking up on the latest market trends. The fair also provides plenty of excellent networking opportunities for all sector players: industry, wholesale and retail outlets, crafts businesses, and interior designers and architects. The 2006 visitor survey revealed that every second visitor is a senior manager. Special presentations and forums The accompanying program of special presentations, workshops and lectures offers outstanding added value for exhibitors and trade visitors alike.

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Sincerely
Yours Susanne Aschoff

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**3)**

Teckwin, a well known supplier of wide and super wide format printers, and TEPEDE settled a close cooperation regarding the distribution of a broad Teckwin range to markets where TEPEDE has it's own subsidiaries: The Netherlands, Belgium, Germany, Czech, Croatia, Bulgaria, Slovakia and Hungaria and in addition also Austria. TEPEDE will integrate the complete range starting with the 2.5 m wide Tecklight solvent printer up to the 3.2 m wide UV printer to the existing portfolio, bundled with TEPEDE ColorBooster "powered by Caldera" and the wide range of TEPEDE media. All Teckwin printers are extremely well designed and stable. Teckwin machines will be controlled by a standard PC and not specifically designed motherboards. Print heads and parts like pumps and motors are supplied by well known international companies. All printers incorporate special features like: special Gutter for Mesh printing, a special device for backlit printing, or the opportunity to do double side printing. Due to the opportunity to place 2 rolls side by side and print on both in one pass, Teckwin solvent printers are very well suited for Blueback printing. There are 2 different models in 2 different sizes available with UV technology, one hybrid machine for rigid media and roll-to-roll printing for media thickness up to 15 mm and a printer for real industrial applications where media can be up to 50 mm thick. More details will be available shortly or immediately via email info@de.tepede.com
More information:

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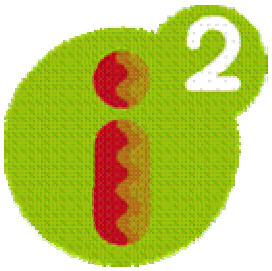
**4)**



Belgium-based wide-format inkjet printer and sign cutting plotter manufacturer Mutoh Europe nv announces its new Intelligent Interweaving print technology – called “i²” – for the Spitfire 65/90 mild-solvent and Rockhopper 3 eco-solvent printer series. This new Mutoh proprietary printing technique brings about a substantial printer performance increase with regard to print speed and print quality, together with an unprecedented level of user comfort. Along with availability of its new intelligent interweaving technology, Mutoh Europe also announces a redubbing of its Rockhopper 3 and Spitfire 65/90 printer series into “Rockhopper 3 Extreme” and “Spitfire Extreme”. Rockhopper 3/Spitfire Extreme printers are the result of an engineering program involving both hardware and firmware modifications. The new Rockhopper 3 Extreme and Spitfire 65/90 Extreme printers will offer – next to the benefits already offered by the new i² printing technology – a major speed boost. Mutoh’s patent pending Intelligent Interweaving printing technology, called i² is a revolutionary new way of laying down ink onto a substrate. Whereas wide-format printers commonly lay down ink onto a substrate in a “straight line”, Mutoh’s intelligent interweaving technology will enable the printer to lay down the ink in a totally different way, e.g. in a “wave form pattern”. In doing so, depending on the application or media used, the new i² printing technique will vastly reduce or neutralize typical shortcomings inherently linked to inkjet printing, such as horizontal or vertical banding, missing or misfiring nozzles, step mismatch, mottle, etc.., since subsequent printing swaths are seamlessly “interlaced”. Next to the new i² printing technology, the new Rockhopper 3 and Spitfire 65/90 Extreme printers also incorporate a new 540 dpi high speed production printing mode. In 540 x 720 dpi print mode, Rockhopper 3 Extreme is able to reach speeds up to 8.25 qm/h on uncoated vinyl (versus 6 qm/h at 720 x 720 dpi on Rockhopper 3), whereas Spitfire 65/90 Extreme delivers speeds up to 16.5 qm/h on uncoated vinyl (versus 13 qm/h at 720 x 720 dpi on Spitfire 65/90).

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**5)**
After successful participations at DOMOTEX in Hanover last year, Multi-Plot will be there again. The specialist of digital textile machines will show a print system for sublimation transfer. A sublimation printer and a HeatJet for fixation will present the workflow. The DOMOTEX visitors will see the quick and simple digital printing of photos, designs or graphic arts on carpets. Visitors are welcome to Multi-Plot stand.
DOMOTEX: hall 6, booth H63/2

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**6)**
The newest Online Dryer is reinforced with extra tools for drying. As before, the heating surface realizes in-depth drying of the ink. Now the system carries a fan on top that has a steady and controlled airflow that strengthens the effect of the heating. Normally the vapour is prone to stay above the media limiting the drying speed. In the newest version, it is carried away by the fan. The ink solvents can evaporate more quickly, and consequently the output will dry a lot faster. Although the air velocity seems low, it is very effective. Another advantage is the possibility to swap up the Online Dryer for easy access to the take-up roll. Furthermore temperature and airflow are digitally programmable and like all other Online Dryers the OnD-V is conforming to international safety standards (US, CSA, CE). Although currently the Online Dryer V is only available for the Roland XC-540, in the near future this new Online Dryer will also be available for HP Designjet 10000.

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**7)**
A few weeks before the debut UK installation, Grapo – a Czech advertising media company – has become the first in Europe to commission a AquaSEAL 72UV liquid laminator. Based in Olomouc, near Brünn, Grapo is an established Top Three Czech producer of billboard, banner and vehicle graphics with prestigious companies such as Adidas, Ikea and Benetton among its clients. In addition to producing finished output, Grapo has also designed and developed a range of UV printers, which they sell under the Octopus brand. The AS72UV is seen as an ideal companion to current generation flatbed printers. Its flatbed construction will coat prints and rigid substrates up to 1.76m wide and 12.7mm in thickness at speeds of up to 27 meters per minute. Roll-to-roll finishing is an optional extra that Grapo has taken up. The AS72UV uses a liquid formulation that is instantly cured when it passes under the inbuilt ultra violet lamp. As such, it offers immediate protection to a wide variety of materials including output from inkjet, electrostatic, photographic and dye-sublimation printers. The liquid has been specifically formulated to meet the extreme demands on outdoor displays and vehicle graphics and is impervious to water, petrol, grease, alcohol, salt spray and detergents. It exhibits low shrinkage, low edge curl and is non-yellowing. It is also UV, scratch, scrub and abrasion-resistant and comes in gloss, lustre and matt finishes.

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**8)**
ONYX Graphics announced the release of Version 7.03. Since the release of Version 7.0, ONYX has continued to optimize new features such as the new Media Manager and the Layout Tool, for high-production use. Version 7.03 users will also experience an improved support for on-board color devices and dual- or multi-roll support in RIP-Queue. ONYX Version 7.03 is available now at no cost for all ONYX Version 7 ProductionHouse, PosterShop and RIPCenter users for download at www.onyxgfx.net or from ONYX Authorized Resellers. To locate an authorized ONYX Authorized Reseller, visit the ONYX Graphics website. ONYX brings you more choices with better performance in speed, color management and ink/media savings. By clicking on the ONYX product links below you will see feature focused demos and return on investment scenarios on the new elements in 7.0, such as: Faster RIP Speeds, New Nesting, New Media Manager, New Layout Tool, New Variable Data Feature, ICC Profile Generator – Now included in ProductionHouse. Onyx 7.0 Feature Focus Demos .

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**9)**

SA International, formerly Scanvec Amiable, introduces a major update of its flagship signmaking product Flexi 8. This new release features localized versions (French, German, Italian, Spanish, Portuguese, Dutch, Finish, Hebrew and English) and includes several major enhancements plus many new- and improved device drivers. FlexiFAMILY V8.1 includes full support for the latest devices from Mimaki (JV-5), Mutoh (DrafStation & ValueJet), Seiko (ColorPainter 64S Light/Plus), Roland (Hi-Fi Express FP-740) and HP (DesignJet 8000s, 10000s, Z2100) to name just a few, right "out-of-the-box". Furthermore FlexiFAMILY V8.1 expands its proven Print&Cut workflow to include seamless support for Print&Route through a direct EnRoute 3 interface: combine any FlexiSIGN-PRO supported flatbed printer with any EnRoute 3 support router to create an easy-to-use, though very productive Print&Cut/Print&Route solution. FlexiFAMILY V8.1 is a free-of-charge upgrade for existing Flexi 8 users.

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**10)**

Xaar has approved Fujifilm Sericol's Color+ XV ink for use with the company's successful XJ-128/40W and XJ-126/50 inkjet printheads. The combination of Fujifilm Sericol's high-performance pigmented solvent inks and Xaar's piezoelectric technology offers a consistent and flexible inkjet solution for sign and specialty graphics printers. Developed specifically for wide-format digital printers, the Color+ XV inks use high-quality pigments blended with specialized solvents to produce brilliant colors. The inks also feature superior light fastness and adhesion to a wide range of uncoated materials. In addition, the inks have been formulated for rapid drying times without the application of heat – for example, typical drying times for the inks on vinyl are 60 seconds at 40 °C. The latest approvals mean that Colour+ XV is now optimized for use with all variants of Xaar's successful XJ-128 and XJ-126 printheads. The XJ-128 is used extensively across the wide-format graphics and coding & marking industries, while the versatile XJ-126 is ideal for the production of a broad array of graphics from indoor and outdoor signage, to banner printing and POS collateral.

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**11)**

Continental Grafix Ltd., a European manufacturer of high quality perforated printing media, is going to capture a new market and is exhibiting from Jan 10-13 at Europe's biggest textile fair "Heimtextil". This is an important step as the Swiss perforating specialists have had their core competence in the field of digital printing foils. After the launch of the product panoRama Design many prospects, but also experts in the field of textile have motivated Continental Grafix to present such an innovation at Heimtextil. This exhibition is the linchpin of all products for home textiles. Among these home textiles panoRama Design can be used in the area of sun protection systems. The amount of exhibitors which show digitally printable textile has been increasing from year to year. So this is also the right direction for Continental Grafix to go for. Perforating printing media is complex and difficult but also there are very little companies throughout the world that possess the necessary know how. So Continental Grafix has set to work on perforating a textile for the first time. panoRama Design is a white polyester textile made of PET fibers with black reverse side and approximately 20% open area. The perforation is by a fraction of a millimeter accurate and allows a transparent see-through effect. panoRama Design is meant to be used as banner, roller blind or sun protection but can also be used for booth construction or flexible room divider. It is needless to say that panoRama Design has been B1 certified. At Heimtextil the product will be shown to the audience in an application as sun protection roller blind or vertical blind. Whoever would like to see this "live on stage" is highly invited to visit Continental Grafix at Heimtextil. Heimtextil: hall 4.2, booth K 31

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**12)**

In January 2007 Bob Mats will introduce a true full color dye sublimation carpet. Bob Mats has introduced a carpet which uses a new developed yarn called PTT. This yarn is a modified polyester yarn that combines the advantages of polyamide and polyester. Resiliency is the same when compared to polyamide. Like polyester PTT has build in stain resistance which polyamide does not have. PTT is also a very soft fiber and has wool like touch. But most important PTT can be dyed using disperse dyes = dye sublimation dyes. The Carpet will be available in width up to 400 cm. Imagine unlimited colors, photo like images, detailed designs, the sky is the limit.

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