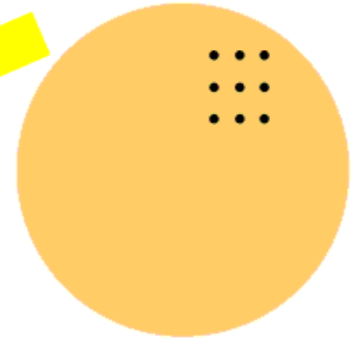


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## Actual News about [Large Format Printing](#)

A free of charge information service

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Friday, 18. July 2003

Dear Readers, dear friends,

for direct contacts, we all hope to see you at the viscom-show, where we will organize some very interesting presentations. Please see further information at the end of this newsletter.

Beside this we have a lot of information you should be interested in.

Have a nice summer time and don't forget to use the LFP-Newsletter as your communication forum.

Sincerely

Susanne Aschoff

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### **1) Be Digital launches three novelties**

The presentation of three important launches will be held by Be Digital during at **viscom, hall 6, booth J 41**. At first the UV curable printer flat and roll. The BEDIGITAL UV PRINTER is an exclusive unique product, manufactured in Europe, with a very high level of productivity, versatile and at a very competitive price. It will be available in the printing sizes 1'80, 2'50 and 3'20. At second the new SOLBEJET, a solvent printer with 1'87 of useful printing width, with an amazing printing quality and a real maximum productivity of 28 sqm per hour at 360x540 dpi resolution and 18 sqm per hour at 360x720 dpi resolution. At third, the Spanish company will presenting the new range of BeDigital laminators, that cover all the various production needs for any kind of finishing: encapsulator or double laminator, up to two meters wide. The one is the BeDigital TWICE. This encapsulator is offering a complete featured machine to control speed, pressure and temperature through some unique settings. The other is named BeDigital DOUBLE. It offers 4 rollers encapsulating, mounting and laminating on both sides, an independent temperature control, six axes to manage both sides at any time and same more features. One machine with everything and just a little more investment.

**More information:** [www.bedigital.info](http://www.bedigital.info)

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### **2) Mutoh's new ink: Eco-Solvent Plus™**



There is a new Eco-solvent ink-generation, developed by Mutoh for the Rockhopper eco-solvent printer series: It's named Eco-Solvent Plus™. Eco-Solvent Plus inks use the benefits of Mutoh's current light solvent inks, yet adding a set of unique and pioneering features. First of all, Eco-Solvent Plus inks offer users the possibility to print directly onto low-cost standard available

uncoated PVC and scrim banner media. Secondly, Mutoh's new ink is the first ink ever on the market not containing any dangerous solvents nor spreading any volatile organic compounds (VOC's) in the working environment. Eco-Solvent Plus ink is a light solvent offering UV, water- and scratch-resistance for outdoor applications (up to three years), without lamination. The ink offers the same ease of use as standard water-based inks. It has been specifically developed for the Rockhopper piezo print heads. And, apart from the ability to directly print onto uncoated media, there is a big difference in the chemical behavior between the eco-solvent inks and the new "Plus" ink. Eco-Solvent Plus ink has a very wide media compatibility, as it is suited for printing on both coated and uncoated media as well as on media coated for water-based pigmented inks. Eco-Solvent Plus will be commercially available during August 2003. The price will be the same as Mutoh's current eco-solvent inks for Rockhopper printers. Mutoh will show its new generation of eco-solvent ink for Rockhopper printer series from September 4<sup>th</sup> to 6<sup>th</sup> at **viscom show, hall 6, booth F 03**, in Duesseldorf.

**More information:** [www.mutoh.be](http://www.mutoh.be)

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### **3) InteliCoat at viscom 2003**

The manufacturer of coated paper, film and speciality substrates for imaging and electronic technologies in the Netherlands, InteliCoat Technologies, is going to show a host of new products for the digital imaging market at **viscom, hall 6, booth H 28** in Duesseldorf. The company will be demonstrating a prototype for a new "easy clean" coating which offers several unique properties, including ink repellence and scratch resistance. This media will have a wide range of applications within the digital imaging and signage market for high quality displays, such as in public buildings. From InteliCoat's main coating operation for electrical, engineering and medical equipment comes the new Stratfx range of optically clear, hard coated polyester films, developed for use in protective surface applications. And at viscom will be announced details of a new warranty plan for Magic brand products. In addition, InteliCoat will present a line of Magic products especially developed and formulated to work with solvent ink jet printers.

**More information:** [www.intelicoat.com](http://www.intelicoat.com)

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### **4) NUR: 3 Tempo flatbed inkjet presses installed**

NUR Macroprinters has begun beta testing its recently announced and hotly anticipated NUR Tempo flatbed inkjet press, that now have been installed – two in Europe and one in the United States. Gescom S.p.A. of Viterbo/Italy and Stiefel Digitalprint in Lenting/Germany are the two European beta test customers for the NUR Tempo. Impact Imaging of Kaysville/Utah is the first beta customer in the U.S. All three companies have considerable experience providing wide-format digital printing services using equipment from NUR Macroprinters as well as the other suppliers. The beta testing program for the NUR Tempo flatbed inkjet presses expected to last three months. Commercial shipments of the machine are now planned for September 2003.

**More information:** [www.nur.com](http://www.nur.com)

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### **5) Durst offers a dream team**

Because they increase the quality, productivity and flexibility of the large format production, the Laserlab Thea 50 and the Highspeed Scanner Sigma, developed by Durst, are regarded as dream team in case of professional and expert work. This experience did Eurocolor Munich, the company employs the “highspeed cart” as the first large fotolab of Germany – so successful, that Eurocolor has fit out all its locations with the Durst high speed tools, distributed by PSL Photosysteme. In the big lab of Eurocolor Munich this Germany premiere runs currently under the title “the digital future of the large format production”.

**More information:** [www.pslphotosysteme.de](http://www.pslphotosysteme.de)

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### **6) Contex presents its Magnum Scanner**

They say that it is the fastest, widest color and monochrome scanner in the industry with Automatic Thickness Adjustment Control (ATAC) – the all-new Magnum XL 54 Scanner, developed by Contex Scanning Technology. The Magnum XL is a 54” wide scanner that incorporates state-of-the-art Tx technology for enhanced scan speed and image quality for high impact monochrome and color scanning for scan-to-print applications. This scanner is the first in the industry to handle 54” wide media using an assigned button that is held down to automatically adjust for the correct scan thickness of a thick original up to 6” and it incorporates the latest in imaging technology for high-quality full color scanning and copying of the largest formats. The Magnum XL’s on-board real time color correction and 2D-filters for color sharpening, softening and blur provide superior results with a wide variety of input images. The operator panel can initiate common tasks directly from the scanner. The Magnum XL 54 scanner lets you fit the connection to your immediate needs by offering two interface options – the highly efficient and convenient Plug-and-Play (PnP) FireWire connection and the industry standard SCSI interface. It supports Windows 98, 98SE, ME, NT4, 2000 and XP platforms.

**More information:** [www.contex.com](http://www.contex.com)

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### **7) EPSON’s Stylus with Eye-One Display**

Pure Color with this color expert package: EPSON Deutschland is offering a new summer highlight to those who enjoy high quality. Since 1<sup>st</sup> of July with every purchase of an EPSON Stylus Pro 7600, 9600 or 10600 printer, customers receive the calibration solution Eye-One Display from GretagMacbeth as a value-added bonus.

There are no additional charges. This offer is valid as long as supplies last and is distributed via the EPSON PROfocus Partner network. Once again, EPSON and GretagMacbeth demonstrate their true color expertise with the large format printer and monitor calibration solution package. The Stylus PRO 7600/9600 is

predominately used in proofing, photography, fine arts and POS. The Stylus PRO 10600 is primarily used for professional production. The pigmented UltraChrome inks used for this printers ensure fastness of light of up to 75 years (according to EPSON test conditions). The latest Eye-One Display developed by GretagMacbeth contributes to those color expertise. Compact and easy to use, the Eye-One Display is the ideal color measuring tool for reliable color representation. Irrespective of the type of monitor, it guarantees precise calibration as well as profiling. A built-in counterweight for LCD displays and an integrated suction cup for CRT monitors enables easy handling, while the felt edge protects the screen from scratches.

**More information:** [www.epson.com](http://www.epson.com)



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### **8) Onyx Graphics adds Mimaki Support**

The developer of wide-format digital color printing software, Onyx Graphics in Utah/USA has added support for the Mimaki JV3-250SP Inkjet printer to all Onyx 5.6.1 Workflow Solutions Software products. The printer is Mimaki’s first baby grand-format solvent inkjet printer. The Onyx driver includes support for these JV3-250SP features: 2x4 and 1x6 inkjet head configuration modes, Pre-heater and print-heater temperature settings, ink set selection: front, rear or both, ink layer settings and adjustments, print pass selection: 1 to 32, depending on dpi, automatic cutting selection: on or off, drying time duration. The Mimaki JV3-250SP driver includes the exclusive Onyx Virtual Pixel resolutions for fast image processing and superior color. Onyx driver for this printer also includes screening capabilities not typically found in a RIP product for large format printing. In addition to dot patterns such as stochastic and error diffusion, users can print with dot patterns that simulate traditional screen printing. The driver is available to registered licensed users of Onyx 5.6.1 versions of Onyx ProductionHouse, Onyx PosterShop and Onyx RIPCenter software.

**More information:** [www.onyxgfx.com](http://www.onyxgfx.com)

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### **9) New Eye-One solutions**

The new Eye-One product range developed by GretagMacbeth includes solution packages for different use. Especially the new Eye-One PUBLISH is an extensive color management system and easy to use for advertising agencies, graphic designer and publisher. It makes it possible calibrating and profiling the whole workflow of any print production. The package Eye-One Publish includes the spectrum photometer Eye-One Pro – now with the new surrounding light measuring head – and the Eye-One Match 2.0 software for calibration and profile constructing for all types of monitors, scanner or printers. Precise and solid colors are protected and guaranteed.

**More information:** [www.gretagmacbeth.com](http://www.gretagmacbeth.com)

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### **10) NCD: EasySIGN version 4.5**

The challenge of color management for large format output devices is to reproduce colors on a computer screen as they would appear on the final output, a process called “soft-proofing”. Consistent color across various displays and types of output is what is offered in EasySIGN 4.5, as close to WYSIWYG as possible. The EasySIGN CMS map colors from a device with a large color gamut like a monitor to a device with a smaller color gamut like a large format printer. The result: The output device actually can reproduce all colors of monitor’s represent colors. With EasySIGN you can change the behavior of the output profile and see the changes promptly displayed on the monitor.

**More information:** [www.easysign.com](http://www.easysign.com)

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### **11) ColorGATE software with VinylJet 36**

Encad has created the VinylJet 36 in 36” printing width for the usage in the signage business. Simultaneously to the availability of the new Encad VinylJet 36 the software manufacturer ColorGATE dedicates an own edition to this printer in the variants “ColorGATE VinylJet Edition” and “ColorGATE VinylJet Edition PLUS” to optimize the printer addressing. Software and printer together offer a productive outdoor solution, which allows the user to produce flexibly a widespread variety of different print jobs, also on uncoated vinyl media, on a high quality and speed level. So the tailor-made software “ColorGATE VinylJet Edition” offers the user the usual functionality of the approved “ColorGATE Plus” version including the hot folder technology for a fully automatically output and cross platform processing of jobs.

**More information:** [www.colorgate.com](http://www.colorgate.com)

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### **12) INIMAP: Monaco releases 3 novelties**

MonacoPROFILER Platinum 4.6.1, MonacoPROFILER Gold 4.6.1 and MonacoPROOF 3.7.1 are the three new products of Monaco Systems INIMAP has available. These versions include – of course – new functions: 1. Monaco GamutWorks, an utility for visualizing an evaluating ICC profiles. Monaco GamutWorks is available to current owners of MonacoPROFILER and MonacoPROOF via download from the website.. It’s a dongle-protected product. 2. French, German and Spanish language versions. All languages as well as English are on one CD-ROM. A Japanese version will be available soon. A French version of MonacoEZcolor has just been released, and a French version of MonacoOPTIX will be launched in a few months.

**More information:** [www.inimap.com](http://www.inimap.com)

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### **13) Sihl: 3603 PRISMA Backlit**



The one-side-coated, translucent polypropylene film 3603 PRISMA Backlit Front Print WF 170 matt was developed for pretentious graphic art applications on inkjet plotters and printers. It is used as a front print film for picture presentations in bright poster displays. If pigmented inks are employed, the film can be used especially well in fields with high humidity and condensation water. With pigmented inks water-resistant prints can be achieved. And even

with high in amounts no bleeding occurs, however, the drying time can extend considerably. The opacity of the film was increased a little so that also at front light and strong, bright backlit sources of light a good contrast is available.

**More information:** [www.sihl.ch](http://www.sihl.ch)

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#### **14) GBC launches a new film**

One of the market leaders in finishing equipment and consumables, GBC Film Products Group, has introduced a new OPP (Orientated Polypropylene) film 9525 Premium Gloss. This film is 25,5 micron thick and features an improved adhesion and quality. It is specially developed for the On-Demand Market (printers, digital printers with low toner content) and the High Speed Commercial market (trade finishers, printers). Finishing protects your materials. Successful finishing depends on using the right film for each specific application. A polypropylene film with copolymer adhesion, the 9525 Premium Gloss has a clear finish with acid-resistant properties and high clarity. With a temperature range of 85° - 110° C, it is designed for lamination book covers and low weight papers. Furthermore the new film can also be used for embossing. The new film is specially developed and patented by GBC to negate the curling effect of moisture absorbed by paper and is particularly effective in applications where product-flatness is critical. Due to its aggressive adhesion, de-lamination of digital low toner-based prints can be avoided. The 9525 Premium Gloss can be used on the GBC finishing systems Orbit and all thermal-dry machines in the market.

**More information: [www.gbctfilm.com](http://www.gbctfilm.com)**

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#### **15) DGI introduced Solvent Media Line**

Dr. Graphix Imaging presents its latest development: A Solvent Inkjet Media Line for large format solvent-based printers, consisting of three different substrates: a polypropylene based Solvent Tear Resistant Gloss Film (DRSTR); a Solvent Reinforced PVC Banner (DRSPVC) and Solvent Adhesive Gloss Vinyl (DRSSIV). These are three most popular materials in the solvent inkjet/outdoor industry. DRSTR is based on DGI's most popular product line, TR51 Inkjet Media. The company reformulated the top coating for this substrate to a glossy, instant dry, water-fast, no bleeding surface. It is strong and durable. DRSPVC Banner has a bright white, smooth printing surface, which will give a high quality imaging capability on outdoor banner application. DRSSIV has also this bright white, but also high gloss, smooth surface, and permanent adhesive vinyl for solvent printing purposes. It is highly stretchable and durable. All three materials will be available in 42", 50" and 60".

**More information: [www.drgraphix.com](http://www.drgraphix.com)**

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#### **16) AIT's new brand of photopaper**

The consumable arm of Applied Image Technology (AIT) offers a new brand of heavyweight digital photopaper, that promises significant savings on current cost for sign, display and photolab users of large format inkjet printers. Applied Graphics' Quicksilver Pro papers are little more than half the price of comparable better-known brands on the market. Quicksilver Pro papers are manufactured from an acid-free base stock to obviate the ageing symptoms of yellowing and embrittlement and have a microporous ink-receptive coating formulated to accept exceptionally heavy deposits of ink and accelerate drying. They are available with either a high-gloss or semi-matt, satin finish in a comprehensive range of roll widths 610 mm, 914 mm and 1118 mm (24/36/44/in). Quicksilver Pro heavyweight inkjet photopaper is one of the three media products in Applied Graphics' exclusive Quicksilver range, all of which are supplied automatically profiled for Shiraz.

**More information: [www.applied-graphics.co.uk](http://www.applied-graphics.co.uk)**

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#### **17) MACtac worldwide Awards 2004**



Following the popularity of the three consecutive MACtac European Awards, run on a biennial basis over the last six years, MACtac is launching "MACtac Worldwide Awards – 2004". Entries from sign makers, applicators, digital printers, converter, advertising agencies, studios and end-users around the globe will be judged by separate juries and awarded prizes in three territories: Europe, the Americas and other regions of the world: Middle East/Africa/Asia/Oceania. This Award is open to projects produced in 2002/2003 using either digital printing or computer aided signage (CAS) techniques and utilizing MACtac's marking, digital and screen printing films: MACmark, MACfleet, Imagin,

MACscreen as well as Permacolor materials. Entries, in the form of high quality photographs (minimum 13x18 cm) or high resolution prints or digital files (minimum 600 dpi) will be evaluated in four categories: vehicle graphics, exterior signs, interior signs and technical achievement. Two key criteria will be taken into account by the high level, independent jury that will evaluate entries in each territory: first creativity and visual impact, and second technical achievement. Closing date for entries from sign makers, applicators and others responsible for designing, producing and applying signs is January 1<sup>st</sup>, 2004. Winners will be informed by the end of the first quarter of 2004.

**More information: [www.mactac-awards.com](http://www.mactac-awards.com)**

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### **18) X-Rite acquired Monaco Systems**

The color management software company Monaco Systems has been acquired by X-Rite, Incorporated, a world leader in precision measurement devices, software and service solutions. Monaco is a company that develops and distributes color management software to the graphic arts and photo markets. This \$ 10.6 million asset purchase funded by a combination of cash and stock, some of which is subject to certain vesting requirements, includes the entire Monaco line of color management products, all intellectual property and operating assets. The X-Rite management strongly believes that the combination of products, global distribution, color expertise and service offerings will enable X-Rite to offer a broader set of color solutions to new and existing customers. This is X-Rite's third acquisition in 2003, affirming its position as a global leader in the color business. Earlier this year, in an agreement with Benjamin Moore & Co., X-Rite acquired the ColoRx® product line and related assets from Thermo Electron Corporation. More recently, X-Rite acquired the ccDot meter product line of Centurfax Ltd., a London-based company that develops and distributes products serving the pre-press and printing industries.

**More information:** [www.x-rite.com/monaco](http://www.x-rite.com/monaco)

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### **19) viscom 2003 again with Open Forum**



Success should be multiplied. Therefore the international trade fair for visual advertising techniques and signmaking "viscom" 2003 will offer again the LFP-Congress as an Open Forum at the special presentation area in hall 6. From September 4<sup>th</sup> to 6<sup>th</sup> visitors as well as exhibitors can listen to highly qualified lectures about digital large format printing. LFP is one of the most varied fields of this industry. So all the talks at all three days of viscom will give a lot of information and basic know-how. A basic seminar in the beginning every day

is given with the target, to make the visitors fit for questions and discussions with the manufacturers, distributors and other specialists.

**More information:** [www.viscom-messe.com](http://www.viscom-messe.com)

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