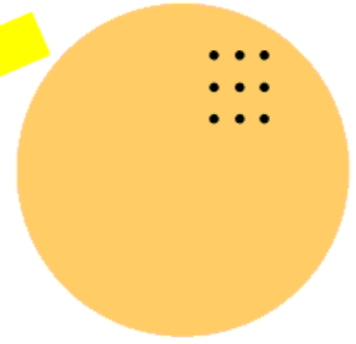


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Actual News about [Large Format Printing](#)

A free of charge information service

Publishing Company: CREAT, Spain; editor in chief: Susanne Aschoff

Thursday, 23. Oktober 2003

Dear readers,

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

Enjoy while reading.

Sincerely Yours
Susanne Aschoff

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1) Visual Communication Italy



Leading suppliers from the signs and sign making, digital printing and imaging, screen printing and POP/POS will exhibit at Visual Communication Italy. It will be held in Milan on 14th to 16th November. 14,000 and more visitors will be meeting more than 280 suppliers who will be exhibiting in hall 1, 2, 3 and 4 of the Milan Fairground the recent not only on machinery, material and media, but also services and marketing tools and brand forming applications. Here some highlights during the three fair days. ACNielsen will presenting the results of the 1st Italian research on LFDP during the seminar “Stampa Digitale Grande Formato 2003”. The POP/POS industry has shown over the last 2 years the fastest growth rate among the traditional communication media. The professionals of the industry will meet marketing managers and brand creators of major companies. Visual Communication will be the perfect setting for this major event where creativity meets new technology. And you will see flat-beds! Yesterday the new kid in town, today a mature technology. Reed Visual Italia as the organizer is very proud to announce that the leading suppliers of this technology have chosen Visual Communication Italy to present their latest solutions to the market during this international trade fair with the most complete panorama on flat-beds of any kind, printing with solvent, UV cured or water based inks. The education program, the leading forum for information exchange between producers and suppliers, can be seen on the website.

More information: www.visualcommunication.it

2) ENCAD at VisCom Italia

The recently launched direct-to-vinyl printer, ENCAD's VinylJet 36, will be exhibited in Italy at the forthcoming Visual Communication Italia Exhibition, to be held at the Fiera Milano, from November 14th to 16th. The three-day show will provide the platform to demonstrate the capabilities of the 36", 600 dpi printer that was introduced to offer users a solvent-free alternative for producing wide-format, direct-to-vinyl signs. ENCAD will exhibit at **VisCom Italia** in support of its **Italian distributor, Neograph (hall 3, booth E 06)**. Neograph will offer a full working demonstration of



the new, user-friendly VinylJet 36 that sets a whole new standard for affordable, outdoor and wide-format sign production, says ENCAD. The VinylJet 36 is an only direct-to-vinyl printer that uses environmentally safe, water-based inks. It enables aqueous printing on uncoated/untreated vinyl media via proprietary new ENCAD technology and DuPont ink technology. This AquaVinyl Technology works by using an internal heater that pre-heats the vinyl as it moves across the platen for optimal ink reception. Immediately after the ink is printed onto the vinyl, an infrared lamp cures it, creating an impermeable bond for long-lasting, colorful text and graphics.

More information: www.encad.com

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3) TeckJet – a new printer line

Matan Digital Printers Ltd. offers the TeckJet line of wide format digital inkjet printers. They are the only printers in their price range suitable for all large format printing applications – including outdoor, fleet and indoor media. These affordable and robust grand format high performance printers offer excellent printing width capabilities and low maintenance requirements, allowing for especially rapid return on investment. Based on piezo drop-on-demand printing technology, the TeckJet inkjets can utilize solvent-based inks and support either four or six colors for better rendering and color gamut. This allows for exceptional outdoor durability, and eliminates the need for expensive pre-treated media. Available in 1.8 or 2.5 meters (70.8 or 98.4 inch) format, the TeckJet printers are produced by the Shanghai Teckwin Development Company. TeckJet printers conform with all international standards of quality, including ISO9001/2000 and CE IEC/EN60204. Matan was awarded the Master Distributorship of this product line by Teckwin, with exclusive territorial rights in Europe and North America.

More information: www.matan.co.il

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4) Océ launched Arizona 600

It was a highlight at the SGIA and DPI annual exposition in October in Atlanta/GA: Océ has debuted its new printer Arizona 600. It is a mid-sized, industrial-grade, high volume production inkjet printer, designed to produce Scotchprint Graphics that are backed by the 3M MCS Warranty. Beside this, the Océ Arizona 600 is a solvent-based, 75-inch wide production-grade inkjet printer that uses 3M Piezo InkJet ink series 5500. When used with selected 3M media, the Océ Arizona 600 delivers outdoor-durable graphics backed by a 3M MCS Warranty of up to three years outdoor without lamination, or five years outdoor with lamination. Arizona 600 prints resolutions of 1,200 (618 x 618) and 600 (309 x 309) dpi using Océ ColorBlend six-color printing technology. Print speeds are up to 450 ft² per hour in 2-pass mode, 250 ft² per hour in 4-pass mode, and up to 200 ft² per hour in 8-pass mode. The Arizona 600 is ideal for both outdoor and indoor applications where image quality with outstanding highlights and production speeds and volumes are required. Its 75-inch wide format lends itself to a number of applications including 6-foot wide graphics with full bleeds or running two 36-inch wide prints side-by-side, which greatly reduces media waste. Arizona 600 includes a number of technology features and automated systems that increase productivity and make it easier for operators of varying skill levels to produce outstanding prints.

More information: www.oce.com

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5) Develop-codename “Gator”

MacDermid ColorSpan debuted a 72-inch wide (1.83 m), piezo-electric solvent inkjet printer – the DisplayMaker 72s. Developed under the codename “Gator”, the printer is designed around sixteen 600-dpi Micro-Quad piezo-electric printheads, that delivers true 600 x 600 dpi quality at print speeds up to 37 sqm/h. It uses ColorSpan's SolaChrome-HR solvent-pigmented inks to produce high quality outdoor-durable banners, signs, vehicle graphics and more on inexpensive uncoated vinyl and other substrates. The DisplayMaker 72s offers high quality, speed and automation features. The self-cleaning printhead service station uses an on-board solvent cleaning solution to ensure the printer is available to print on demand. ColorSpan's Automation Eye technology uses an on-board image sensor and photodiode to automate the setup and calibration steps critical for achieving and maintaining print quality, while extending the useful life of the printheads. DisplayMaker 72s will be available from ColorSpan's worldwide network of value-added distributors and resellers in this last quarter of 2003.

More information: www.colors span.com

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6)The new PhotoPRINT 4 Family



Scanvec Amiable Europe is presenting its new PhotoPRINT 4 Family professional RIP solutions on the market. This new development has been vastly improved and offers highly productive, revenue increasing features and functions that will bring new fields of opportunities. With this efficient and easy to use applications, Scanvec Amiable will consolidate its reputation as one of the leading provider of complete professional software solutions for the graphics industry. Increased productivity, easy-of use and the recent technology are the common elements that indicate all features and functions you will find in the new PhotoPRINT 4 Family. Offering solutions from entry level RIP&PRINT to advanced network printing, all PhotoPRINT 4 variants include a certified Adobe PostScript Level 3 interpreter, ensuring highest compatibility with all popular file-formats. PhotoPRINT 4 Family includes ICC output profiles for all major media and inks. An all-new ColorProfiler, changeable CMS, new specific rendering intents for Text and gradients and pure hue preservation will help to reproduce colors precisely, with smoother color transitions and enhanced details. Engineered with cooperation from major equipment manufacturers, PhotoPRINT 4 Family comes standard with extensive driver support for all popular large/wide format printers. The new Family also sets a new standard in the “contour cutting” arena: use any combination of printer and vinyl cutter, to create your own Virtual Hybrid Device.

More information: info@scanvecamiable.be

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7) Wasatch with SoftRIP Version 5.0

Wasatch Computer Technology has announced the beta release of its SoftRIP Version 5.0. This version transforms color and presents users with major architectural improvements creating a series of new color and workflow master screens. A flatter interface with several innovative new features will greatly benefit both existing and new users. This release enhances usability and function in many key areas. A simple “Imaging Configuration” screen is now the centerpiece of the Wasatch workflow. It combines all color-related printer and profile controls in one location, increasing ease of use and greatly reducing setup time. This is a real benefit for beginner users who now can get great “out of the box” color with one “plug-and-play” selection. Advances users and those creating their own ICC profiles will appreciate the powerful tools easily accessed from the Color Transform screen. This master color flow chart straightens out the maze of profiles, rendering intents, halftone properties, printer calibrations and ink limiting manipulations, showing users exactly how color flows from file to printed page. In addition to the new architecture, users will find several features to improve their workflow and color. An archiving feature has been created giving users the flexibility to backup RIP’d files from their print queue with drag and drop ease. The production release is scheduled for early November 2003.

More information: www.wasatchinc.com

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8) Successful PROOFGATE

The Federal Association of Print and Media (BVDM) has organized the 3rd Digitalproof-Forum in Wuppertal /GE in September. The main focus of this event was the “Creation of Digital Proofs” challenge in which 26 different proof system suppliers competed. The ColorGATE GmbH has taken this quality-orientated event as a chance to present PROOFGATE to the customers for the first time and to place itself in the competition. The PROOFGATE software participated successfully in the Digitalproof-Forum and has achieved a first-class position. PROOFGATE is ColorGATE’s recent software solution for the production of halftone proofs and suitable for standard inkjet printers. The best result of all competitors, PROOFGATE obtained with the reproduction of CMYK full tones (primary colors), followed by Creo Prinergy and GMG ColorProof. The software will be available by the worldwide distribution partners of ColorGATE Digital Output Solutions GmbH.

More information: www.colorgate.com

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9) 3603 PRISMA – for demanding applications



The 3603 PRISMA Backlit Front Print WF 170 matt is a single-side coated, transparent polypropylene film with a matte coating. It is designed for demanding high quality graphic arts applications on inkjet plotters and printers. The backlit film is especially suitable for picture presentations in light boxes. This product is also suitable for areas with high humidity and condensation when pigmented ink is used. Water-resistant prints can be achieved with pigmented inks. 3603 PRISMA allows to use high ink-coverage without bleeding, but the drying time is increased when high ink-coverage is used. To reduce it (for example, when a take-up roller is in action) lower ink-settings have to be used. The product has an increased opacity to allow good contrast also with front-light or bright backlit sources. The product suits best for applications with low temperatures as the film may slightly change dimensions in high temperatures. More than 40° C may cause warps.

More information: www.sihl.ch

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10) Enhanced Magic PRINTLAM2

InteliCoat Technologies has enhanced its Magic PRINTLAM2. This product is a printable polyester laminate with a dual-purpose adhesive/image-receptive coating. PRINTLAM offers a single-step finishing solution for indoor/outdoor promotional and display graphics. The enhancements include the ability to adhere to common mounting substrates such as Fome-Cor and Sintra, and an improved image quality performance. Magic PRINTLAM2 is a 4-mil thermal-activated polyester laminate with both adhesive and image-receptive properties. It is designed for applications such as point-of-purchase posters and signs, promotional displays and trade shows. PRINTLAM's distinct advantage is that it requires only a single mounting-finishing step – simply print on the image-receptive side and then mount on a rigid substrate. There is no need for the additional steps of applying adhesives and laminating – it delivers all the image quality and durability of laminated photo-base with half the materials and production time. PRINTLAM allows to enhance profits and productivity by simplifying the process to only one step.

More information: www.magicinkjet.com

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11) 3P EXPRESS Banner

3P InkJet Textiles Corp. has introduced two brand-new polyester fabrics at SGIA in Atlanta/GA/USA: the new EXPRESS banner line. At this annual exposition users could have assured themselves of the high quality. Two alternatives will be offered, the EXPRESS light banner (140g/sqm), and EXPRESS heavy banner (200 g/sqm). You can print these fabrics with every large format printer in every width up to 72". Use standard dye-based inks for a great variety of applications like indoor soft signage or home textiles. Vivid colors and excellent photo reproduction are convincing. The EXPRESS banners allow outdoor applications as well. By using pigment inks, the banners are prepared for outdoor applications.

More information: www.3P-Inktextiles.com

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12) EFI – license partner of Pantone

Electronics For Imaging (EFI) has been awarded Pantone approval to integrate PANTONE solid to process definitions for CMYK reproduction into the latest versions of its Best proofing software. This offers users a fully automated PANTONE Color function. By incorporating the PANTONE Color definitions into the Best proofing software, operators can simply process print jobs containing PANTONE Color separations and the software will automatically produce a color-accurate output of the complete print job. Pantone, Inc., now works with EFI's Best division as a licensed technology partner. EFI now is offering its customers a proofing solution that will ensure reliable and consistently high quality output and add to the overall efficiency of their prepress workflow. The company, a world leader in imaging solutions for network printing, has integrated PANTONE Color definitions into version 5.0 of its Best Colorproof, Best Screenproof and Best PhotoXposure software, as well as version 3.0 of Best Designer Edition and Best Photo Edition.

More information: www.Efi.com and www.pantone.com

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13) IMI's Conference 2004 in Arizona

Do you develop inkjet products or processes using inkjet or want to hear the latest developments from the key suppliers of printheads, inks, specialty chemicals, curing systems instrumentation and system integrators? Then be sure to make plans to attend IMI's "Inkjet printing Developers Conference 2004". It will be held on February 4th to 6th at the Chaparral Suites Hotel, Scottsdale, Arizona. There you will see, hear and meet with major suppliers to the inkjet industry under one roof. Inclusive with the conference program are many breaks, lunches and receptions, giving all registrants ample time to meet with the key suppliers to this thriving industry. Unlike regular IMI conferences and courses, the Inkjet Printing Developers Conference 2004 is a commercial event where new and existing users can obtain information and contacts for the latest products available to the rapidly expanding inkjet industry.

More information: www.imiconf.com

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14) Treck·Hall Acquires Signware

One of Canada's major imaging solutions companies, Treck·Hall Limited, strengthened its presence in the wide format printing market with the acquisition of Vancouver-based Signware Inc. It represents the first major expansion into the outdoor sign printing market, which is projected to experience significant growth of up to 35 % in the next five years. Treck·Hall Limited is one of Canada's leading distributors of conventional photographic and digital imaging supplies and equipment serving the photographic, photo-finishing, graphic digital imaging, government, medical and educational industries. The company will employ more than 60 people with a presence in four major city centers: Vancouver, Calgary, Toronto and Montreal. "We're now better positioned to capitalize on the rapid growth of the outdoor sign printing market," said Mr. Hall, whose firm's roots date back to 1904 as a distributor of photographic supplies and equipment.

More information: www.treckhall.com

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