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Latest News about [Large Format Printing](#)

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Dear readers,

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

1) viscom europe 2007 expects around 9000 visitors

viscom europe 2007 is taking place in Düsseldorf, Germany from the **20th to the 22nd of September**. Reed Exhibitions Germany, the organizer of the international trade fair for visual communication, expects around 9,000 visitors from the trade. Almost 250 exhibitors have already reserved their stand area. By comparison to the previous events, there is an increased presence of the neon and LED industry, not least due to the efforts of FVL Fachverband Lichtwerbung e.V. From bulbs via fluorescent tubes and neon to light emitting diodes: The luxury of being able to switch on the light when it is needed, is something that we can no longer do without. In line with the pertinent inventions, during the past two centuries, there have been changes not only to everyday life but also to the illuminated signs industry. The discussion as to whether LEDs will displace neon light continues. One thing is certain, transportation as well as the fitting of LEDs is simpler. Whether a comparable effect to that of neon can be produced, remains questionable. In the meantime, the LED manufacturers are also marketing tubes in which LEDs are embedded, that even permit open contours. Even so, these do not always appear able to reach the level of attraction of neon. FVL, as a partner of Reed Exhibitions Germany, is also represented at viscom with its own stand. There are also numerous supplementary exhibitors from this sector, including Bas Neon, bocom Lichttechnik GmbH, Caralux, GE Lumination, Rosen Siebdruck + Lichtwerbung GmbH and Tecnolux Italia SAS. Light advertising is also on show in the demonstration area in Hall 8b, Stand I 140.



More information: www.viscom-europe.com

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Sincerely
Yours
Susanne Aschoff

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2) Mutoh released Spitfire 100 Extreme

Wide-format piezo inkjet printer manufacturer Mutoh Europe has shown at FESPA in Berlin its new Spitfire 100 Extreme. This machine is a 2.6-meter high volume mild solvent printer incorporating Mutoh's Intelligent interweaving print technology. The printer delivers impeccable production quality printing at 42 qm/h and top speeds up to 81 sqm/h. The new 2.6 m printer is based on Mutoh's Spitfire 100 printer. Spitfire 100 Extreme incorporates a newly designed main board to allow faster print speeds. Also incorporated is Mutoh's breakthrough Intelligent Interweaving technology (i2). Mutoh (i2) technology allows i.a. bi-directional printing of all images, even the most critical jobs, as wave sequences eliminate banding. With its new i2 technology, Mutoh has taken a very new approach. Ink is laid down in carefully optimized waveforms, not the straight lines used by all other wide-format inkjet printers. Mutoh's high-performance Spitfire mild-solvent ink is specifically tuned for the sign industry. The Spitfire 100 Extreme will be delivered as standard with a specially developed, fully motorized heavy-duty unwinding/winding system for media loads up to 100 kg, allowing unattended roll-to-roll printing.

More information: www.mutoh.eu

[Top](#)**3) Epson launches its first 64" printer**

The Stylus Pro 11880 is the first 64" large format printer from Epson. It includes the latest MicroPiezo Thin Film Piezo (TFP) printhead for superior printing performance. It is optimized for pigment ink technology. The eight-color ink set features a new formulation of UltraChrome K3 with vivid Magenta widening the color gamut and further strengthening Epson's award winning UltraChrome K3 ink as the choice of professionals. Epson has designed the Stylus Pro 11880 to be productive with each cartridge containing a high capacity of 700 ml. The new Gigabit Ethernet delivers fast processing speeds, while the Epson Super Halftone-technology further improves image tone and definition. The combination of features and ink set make the Stylus Pro 11880 to one of the most advanced digital large format printer. The new MicroPiezo TFP print head fulfills all the requirements of a professional printer – quality, durability, and speed. The nozzle density has increased from 180 to 360 dpi. Epson has doubled the number of nozzles on the print head, while maintaining the same size of ink droplet and accelerated print speeds. Despite the microscopic size of its elements, this next-generation Micro Piezo head retains all the advantages of the current print head, including Variable-sized Droplet Technology. The Stylus Pro 11880 is available from September 2007.

More information: www.epson-europe.com

[Top](#)**4) Graphics One: GO RIO Dye Sublimation Printer**

Graphics One (GO) has launched its new GO RIO Dye Sublimation Printer. The emergence of new and improved dye sub technology has indeed created a new market positioning for dye sub printers, which offers many business opportunities. With a maximum printing width of up to 42 inches and with a high resolution of 360, 720, 1440 and 2880 dpi, you can transfer high quality prints on virtually any dye sublimation paper for sublimating on a wide variety of fabrics and rigid objects. According to Yianni Kolettis, GO Marketing Dept., the RIO dye sublimation printer is ready to print on GO's RIO dye Sub paper for applications such as banners, flags, pennants, prototypes, sport goods (snowboards, helmets), personalized interior, floor graphics, POP-displays, posters, soft signage, wall murals, fashion textile, shop awnings, outdoor advertising, home furnishings and more.

More information: www.graphicsone.com

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5) **XAAR ramps up production in the UK**

Xaar's high-tech production facility in Huntingdon, the first in the UK, is now fully operational and producing the company's flagship Xaar 1001 printhead. The company has also successfully complete certification of its Quality Management System to the international quality standard ISO 9001:2000. This provides customers with complete confidence in the quality of a supplier's products and services and demonstrates Xaar's ongoing commitment to providing a consistent level of quality and continual improvement in business processes. The Xaar 1001 printhead, designed for high-speed, single-pass applications, is based on Xaar's patented Hybrid Side-Shooter, TF Technology. Producing dynamically variable drop sizes, this new printhead architecture combines advanced piezo technology with Xaar's patented "through flow" design. Key features that are attracting manufacturers from inkjet and industrial markets worldwide, include a high performance specification, excellent drop placement accuracy, variable dynamic drop sizes, self-priming and self-clearing. The unique TF architecture provides a wide operating window for a wide variety of inks.

More information: www.xaar.co.uk

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6) **Nazdar Lyson 2000 Series Inks Available in 440ml Cartridge**

Nazdar announces there release of Lyson 2000 Series Ink in 440ml cartridges. These cartridges will be added to the Lyson 2000 product line-up, already featuring 220 ml cartridges and 1 liter containers. Designed to be an easy conversion for Roland large format digital (solvent) printers, the Lyson 2000 Series Inks are colour matched to both Roland ECO-SOL Max and Mutoh Eco Ultra ink sets. Thus, Lyson 2000 Series enables the printer to use the existing OEM color profiles. Designed as a Low-Odour alternative to "eco" type inks, the Lyson 2000 440ml cartridge offers great savings compared to their 220 ml cartridges and OEM cartridges, along with reduced odour and VOC content. The 440 ml cartridge is compatible with Eco and Eco+ systems. Available in cyan, magenta, yellow, black, light cyan, light magenta, the 440ml cartridges are covered by Nazdar's warranty, provide excellent adhesion and flexibility on most digital inkjet media, and deliver excellent exterior performance with proven resistance to the effects of UV degradation and color fading.

More information: www.nazdar.com

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7) **EFI: Fiery XF with new color rendering technology**

Advanced features elevate color rendering to a new level, optimize skin tones, grays and spot colors as well as full gamut saturated color. EFI, one of the leaders in color digital print servers, super wide format printers and inks, and print management solutions, has announced the new EFI Fiery XF RIP, version 3.1, supporting the full line of award-winning solvent and UV VUTEk super wide format printers from EFI. The new Fiery XF 3.1 provides leading-edge technology for superwide format printing for production and proofing requirements, delivering high-speed processing, exceptional color quality and increased productivity. The Fiery XF software already offers exclusive connectivity to the EFI product portfolio. Fiery XF customers profit from current and future integration with other EFI products in terms of streamlining production workflows, thus increasing productivity. For the first time, EFI Fiery XF 3.1 offers Clean Color and Full Gamut Technology for brilliant print results for both production and proofing purposes in a complete cross-platform application. The new Clean Color feature directly addresses the production market's specific needs for vivid, saturated color with pleasant modulation and clean appearance.

More information: www.efi.com

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8) **Esko and EFI deliver perfect "Proof to Press" Match**

Esko, global system integrator for packaging pre-production, has announced FlexProof/E, a new proofing output solution and the result of a product development and new distribution partnership between Esko and EFI. The new output module, incorporation high quality drivers powered by EFI Bestcolor technology, is able to output to a wide variety of inkjet proofing devices, ensuring contract proof print quality. With the integration of EFI Bestcolor technology, Esko FlexProof/E drives the inkjet devices directly without the need for additional software RIP. The operator can be sure that the proof from Esko FlexProof/E will be created from exactly the same data used for the final production plate. Esko's expertise in color management and EFI's expertise in proofing provide the ideal basis for a complementary solution resulting in improved color and print quality and consistency. While one of Esko's key skills in managing input from a color management system, EFI, with its Bestcolor technology, provides expertise in managing digital inkjet output devices; particularly when they have more than four colors.

More information: www.esko.com

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9) PictoColor releases iCorrect EditLab Pro 5.5

The PictoColor Corporation has released iCorrect EditLab Pro 5.5 Plug-in for Adobe Photoshop CS3. The new version of the award-winning color correction software features full compliance with the latest Photoshop Plug-in SDK (Software Development Kit) from Adobe as well as support for Intel and PowerPC-based Macintosh. Free upgrades are available for registered users who purchased iCorrect EditLab Pro Plug-in on or after January 1, 2007. New features include such as fully compatible with Adobe Photoshop CS3 Plug-in SDK, universal binary for Macintosh, native support for Intel and PowerPC-based Macintosh, now supports huge documents – images larger than 30,000 x 30,000 pixels, and enhanced SmartColor technology for improved automatic color correction. Since its introduction in 2002, iCorrect EditLab Pro has become an indispensable color correction tool for many digital photographers and photo labs. It offers a revolutionary, yet simple, straightforward, and intuitive way of optimizing the color of any digital picture. It is compatible with Microsoft Windows XP, Vista, Mac OS X, v. 10.2.8. – 10.4.8., and Photoshop CS2, CS3.

More information: www.pictocolor.com

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10) MacDermid ColorSpan: New roll-fed Media for UV-Printers

MacDermid ColorSpan, Inc., one of the world's leading supplier of UV-curable inkjet printers for the display graphics market, has announced the immediate availability of four new premium, 54-inch wide, roll-fed print media for use with its line of UV-curable wide-format inkjet printers. The first one – UV Photobase – is a true photographic-grade paper with a double sided extruded polyethylene outer layer. The printing side is resin coated for cockle-free printing with high ink coverage. The second one – UV White Film – is a durable white opaque polyester (PET) film for printing high ink coverage display prints requiring more durability than paper. At third – the UV Backlit Film – is a durable translucent polyester (PET) film for indoor or outdoor backlit display applications. Its heavier gauge makes is easier to handle for insertion directly into light box. Finally – the UV Canvas – is a natural feel, white cotton-polyester blend canvas base with three primer coatings and a matte finish. This is a stretchable canvas designed for high quality digital art reproductions. The UV line of media is available now from MacDermid ColorSpan.

More information: www.colorsapn.com

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11) Hexis launched new products

The Hexis Carprotect film is a transparent 150µm self-adhesive Urethane film specially designed for the durable protection of vehicle bodies. With its excellent shock proofing properties it protects vehicle paintwork against environmental aggressions such as stone chipping, scratches, carwash brushes, insect debris, etc. The film is totally transparent and as good as invisible and thus does not alter the vehicle color. The Carprotect film is available in rolls 1230 mm wide by 20m long. Hexis also launch an addition to their line of HexPress digital printing media with structured adhesive. The new HX102CG1 is a clear cast 50µm vinyl, provided with permanent HexPress adhesive that stays repositionable during application for easy transfers without bubbles onto vehicles, corrugated surfaces and other difficult substrates. The product features an embossed liner carrying a structured high performance adhesive and extremely conformable cast high performance vinyl film. Fast and risk free transfers are the main benefits of the new cast film. As the film remains repositionable during application, the user achieves substantial cost savings through more efficient application on compound curved substrates. The film is suitable for solvent and eco-solvent inkjet printers and Hexis provides downloadable ICC color profiles for most printers. The HX102CG1 comes in rolls 45, 100 or 200m long and 1370mm wide. Technical data sheets can be downloaded from their website. Samples are available on request from Hexis S.A. or local distributors.

More information: www.hexisgroup.com

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12) GRAFITYP: New GRAFIPRINT S28P

The Belgian manufacturer GRAFITYP SELFADHESIVE PRODUCTS recently introduced a new product to their Grafiprint range of solvent- and eco-solvent printers, designated S28P. Grafiprint S28P is a silver-colored sandblast-effect film, based on the immensely popular Grafitack TR101. Magnificent full-color effects can be printed on this material. The film is coated with a permanent solvent based acrylic pressure sensitive adhesive and comes on a PE-coated backing paper.

More information: www.grafityp.com

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13) ASLAN: New special films

ASLAN, Schwarz GmbH & Co. KG, worldwide supplier of self-adhesive films, has used the opportunity of FESPA 2007 to present numerous new innovative self-adhesive film specialties. The product range for digital printing has been expanded and now contains some new imaginative niche products: self-adhesive PVC metal effect films for long term outdoor applications (ASLAN DFP 31/32), self-adhesive block-out film for eye-catching effects on light boxes (ASLAN DFP 15), as well as an etched look printing film for glass decorations. To complete the series ASLAN offers a program of corresponding laminating and floor graphic films.

Furthermore this family-owned company has also introduced some unique products for glass decoration. Colored films for application on to glass in 20 brilliant colors with various different designs and etch effects that leave no limits to your creativity. Presented for the first time, the new ferro film ASLAN FF 400 attracted a lot of attention. This metallized film, which contains iron, can be installed on all flat surfaces and makes it a perfect surface for using magnets on.

More information: www.ASLAN-Schwarz.com

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14) Cytack: The first performance on a fair

Afterwards Cytack are able to remark, that the first public presentation on a fair (FESPA 2007) was a large success for Cytack. The great interest in the Cytack product range came from all over the world and the products were accepted very well. This great interest was a confirmation that their advance performance concerning precise benchmark analysis and innovation has been converted in a balanced market conform assortment. Products as Cyprint SUV display 200, Cyprint SUV display 300, Cyprint SUV display plus, Cyprint SUV hybrid, Cyprint SUV blueback vinyl and Cybase 1.6 (a new developed laminating machine) are very popular because of the "added values" and the new market segments which can be covered. It is a once-only product assortment out of textiles and hybrid materials which can be printed with water-based as well as solvent and UV-curable inks. The laminating machine Cybase 1.6 also available with heated top-roller up to 1650 mm is equipped with a „Smooth-run concept“ and has a top speed of up to 12,5 m/min at a passage height of 50 mm.

More information: www.cytack.com

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15) Alwan Color launches Version 3 of CMYK Optimizer

Alwan Color Expertise, world leader in standardization and implementation of color management, is releasing version 3 of CMYK Optimizer, the optimal solution for color preflighting, standardization and optimization for CMYK separations and data. Customers benefit from using CMYK Optimizer by achieving optimal print quality and proof matching while, at the same time, reducing print costs. Version 3 further expands on Alwan CMYK Optimizer's technological advantages, thanks to its full support of the latest ICC color management system, Adobe PDF v8 library and state-of-the-art Alwan Dynamic DeviceLink Profiles. It will debut at GraphExpo, Chicago in September 2007. Alwan CMYK Optimizer v3 enables prepress operators to implement TVI (Tonal Value Increase) calibration method, NPDC (Neutral Print Density Curve) calibration method, or ICC based method to calibrate presses according to ISO 12647-2/3 and GRACOL specifications. The new image enhancement technology allows Alwan users to enhance individual images embedded in their PDF files.

GraphExpo 07: stand 4868

More information: www.alwancolor.com

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16) FLEXcon ICC Profiles now available at LexJet's Website

LexJet and FLEXcon announce the availability of free ICC profiles for FLEXcon's line of imaging products for wide-format digital printing technologies from LexJet at www.lexjet.com. The profiles were painstakingly designed and produced to ensure seamless color calibration and ease of use for an endless variety of solvent, low-solvent, and UV-curable wide-format printing applications. "FLEXcon attended to every detail in creating these ICC profiles for 13 of its most popular printable materials that are downloadable from LexJet's website," says Dione Metnick, LexJet's product manager. "The profiles address almost every conceivable circumstance, from printer to inkset to the resolution desired based on the specific application requirements." "There are 661 ICC profile configurations to choose from at LexJet's website. FLEXcon and LexJet wanted to ensure that no matter what configuration or workflow our customers are using, they will find a profile optimized for their particular situation and application," says Michael J. Kelliher, FLEXcon's executive vice president of sales and marketing. Each profile is also optimized for use with the Flexi, Onyx, Wasatch, and Roland VersaWorks RIPs, ensuring a perfect match from RIP to printer to material. The profiles are housed at LexJet's ICC profile page (www.lexjet.com/lexjet/profiles_list.asp), and are easily downloaded through a simple 1-2-3 process.

More information: www.lexjet.com

17) viscom france 2007 in September in Paris

The viscom Exhibition is the place to go to meet the visual communication professionals, from the **26th to 28th September 2007**, in Paris Expo – Porte de Versailles. This event unites 11 sectors, including sign, signage, digital printing, digital media, screen-printing, engraving, cutting, etc. Visual communication is more and more part of public life, transforming itself, evolving every day. It has been given a fresh boost thanks to new technology, which broadens the usage and applications fields. Dynamic technology and developments in the digital sector are the buoyant niches: the explosion in sales of LCD screens, the advance in computer technology coupled with one-to-one marketing concepts testify and contribute to the dynamism of this niche. Pilot stages give way to expansion projects and the interest shown by companies in this type of solution continues to grow. 180 exhibitors in 2007 are expected to sign up for a total gross exhibition area of 12,000 square meters.

More information: www.viscom-paris.com

18) viscom Italia 2007 in Milan

The 19th International Trade Fair and Conference on Visual Communication and Event Services will be held from the **8th to 10th November 2007** in Milan fairground, hall 1 and 3. Motto: "The exhibition where people come to actively do business". Reed Exhibitions is again one step ahead by helping our exhibitors and visitors to expand their business throughout Europe under common symbol. viscom recognized by everyone involved in the global market of the visual communication will be the symbol for events that reflect the actual needs of a market in constant development. The 19th edition of viscom (Visual Communication Italia 2007) launched its sales campaign reconfirming once again its leading position in the market with a further increase of exhibition space by 9,4 percent. In 2006, the show broke all records with a total attendance of 20,424 visitors. Now, with 5 months to go to the beginning of the exhibition in November, 84 percent of the exhibition space of hall 1 and 3 has already been booked by key suppliers to the large format digital printing, screen printing, sign making engraving etc.

More information: www.visualcommunication.it

19) Epson is launching MyEpsonprinter.eu

The new online portal allows Epson Stylus Pro owners to retrieve up-to-the-minute technical information and monitor the performance of each printer. The secure website allows users to view print job activity, hardware information and historical data, and tracks key performance indicators such as cost of ownership and cost per print. MyEpsonprinter.eu can also be accessed remotely by service contractors to quickly identify the cause and scope of any queries, which saves time and unnecessary call-out fees.

More information: www.myEpsonprinter.eu

20) GMG delivers excellent results

GMG proofing entries delivered excellent results during the 5th annual IPA Proofing RoundUP, directed by Dr. Abhay Sharma, Ryerson University and a team of leading industry experts. The event was conducted during the recently concluded IPA Technical Conference, held from June 5-7. GMG results mirrored performance at previous IPA events and at similar events worldwide. Since its inception in 2004, the IPA Proofing RoundUP has led to substantial improvements in the quality of proofing technologies and techniques. In 2007 the IPA aimed to test the efficiency of its community of proofing equipment suppliers and the proofing capabilities of its user community: trade shops, printers, graphic solutions providers. GMG's supplier entries were submitted from three different inkjet printers. Two were from HP inkjet printers with built-in spectrophotometers: the HP Z2100 and the HP Z3100. The third set was generated from an Epson 7800 printer. GMG entries performed admirably in all tests; all three demonstrated particularly strong results in spot color test.

More information: www.gmgcolor.com

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