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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) ITMA 2007: From 13 to 20 September in Munich

New and further developments in textile and clothing machinery will be the focus, among other things, at ITMA 2007 in Munich. In addition, there will also be information about novelties in the comprehensive service offers of machinery manufacturers for visitors from fibre producers, textile and clothing companies. In addition to the availability of textile machinery, the areas of drive, compressed air and air conditioning technologies as well as transport, handling and packing are playing an important role in textile operations for optimal structuring of production conditions. More than 100 companies from these segments will exhibit their latest developments to international trade professionals at ITMA 2007. ITMA 2007 will cover all aspects of the global textile and clothing industry with a record number of more than 1,450 exhibiting companies.

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

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### 2) viscom 2007: viscom to open with more than 300 exhibitors

Only a few weeks before the start of viscom 2007, interest continues unabated. More than 290 exhibitors from 26 nations have already made firm bookings for the trade fair for visual communication that will be held from **20 to 22 September in Düsseldorf**. And more registrations to participate still keep coming in. "After its relaunch, the leading trade for visual communication is well prepared for the future", says a happy Petra Lassahn, Director of viscom. To representatives from industry, retail, trade and marketing, viscom offers the full range of visual communication – well combined with innovative technologies and new markets. The organizer, Reed Exhibitions Deutschland GmbH, expects more than 300 international exhibitors and some 9,200 trade visitors at viscom. Visitors are primarily independent advertising technicians and agencies, billboard and light advertising retailers and buyers, neon and light advertising companies, shop fitting and trade fair construction suppliers, outdoor advertising agencies, screen printers and digital printers, but also advertising agencies, specialist photo laboratories, window dressers, architects, planning agencies and decision-makers from the fields of marketing and sales.

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

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Sincerely  
Yours  
Susanne Aschoff

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**3) Mimaki: New JV33 Series inkjet printers**

Mimaki Engineering releases the new JV33 Series inkjet printers for the sign and graphics market. The JV33 Series employs a newly developed high-speed piezo print head enabling it to print at a resolution of up to 1440 dpi with a maximum speed of up to 17.5 sqm/h (540 x 720 dpi). It contains 180 nozzles x 8 lines allowing for highest accuracy in four- and six-color print modes, with or without white, at 30% higher print speed compared to the JV3 Series, says Mimaki. The JV33 Series is equipped with Mimaki's UISS (Uninterrupted Ink Supply System). In four-color mode the system utilizes two cartridges per color – thereby extending uninterrupted and unsupervised printing without operator intervention. For several applications, such as printing on transparent or opaque media, Mimaki's exclusive "White ink Overlay print" can be employed. Simultaneous white and full color printing results in incomparably bright, vivid and high density prints. JV33 is available in two sizes. The JV33-160 has a maximum print width of 1610 mm and the JV33-130 a maximum of 1361 mm. The printer employs Mimaki's multipoint grid roller system. The new JV33 Series is available in September 2007.

**More information: [www.mimaki-europe.com](http://www.mimaki-europe.com)**

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**4) Zünd: Cutting-Edge Zünd innovations at viscom**

The Zünd Print+Cut concept: digital "cut-finishing" of printed materials recently received the EDP award for Best Product. Handling of wide and super wide-format graphics is difficult and typically requires significant space and effort to accurately cut and trim. Trimming of banners, posters, roll/pop-ups, etc., is therefore a labor-intensive task involving high potential for human error and, as a result, considerable rates of waste, reprints, missed deadlines, etc. At viscom Zünd will demonstrate an XL-1200 digital cutting system configured specifically for automatically trim-cutting any rolled material used in digital printing, including textile materials. In addition, Zünd will be showing an L-2500 digital cutting system configured for contour cutting of lighter-weight materials, such as foam-core and corrugated cardboard, as well as for heavy-duty routing of MDF, acrylic, and ACM materials like Dibond and Alubond. Zünd is also introducing a revolutionary tool for 45-degree cutting, along with other exciting digital finishing solutions. The "V-cut tool" opens up a host of new options for POP and display applications, with the ability to process materials such as X-board, Re-board, Kappa, etc. [viscom 2007: hall 8a, booth G61](#)

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

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**5) Multi-Plot & d.gen – together at ITMA in Munich**

ITMA is the world's largest international textile machinery exhibition, a showcase of the latest technology and a vital meeting place for buyers and sellers from all over the world. Two specialists in digital textile printing d.gen and Multi-Plot will present the newest products together on a 135 sqm fair booth. It will be a great show place for possible solutions in digital textile printing. The different kind of direct printers will be showed in production. The ITMA visitors will see the brand new printer "d.gen Arachne Combo". It combines two printing workflows in one. The "Arachne Combo" produces designs directly on textiles for clothing, home furnishings and other varieties of textiles. Besides, it is possible to print on transfer paper (e.g. Jetcol) for sublimation transfer. The "d.gen Arachne Combo" prints up to a printing width of 187 cm. Additional, the "d.gen Teleios V8" and the "d.gen Heracle" will be presented. These products confer the textile printing versatility, flexibility and individuality. [ITMA in hall C2, booth 203/302.](#)

**More information: [www.dgen.com](http://www.dgen.com) and [www.multiplot.de](http://www.multiplot.de)**

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#### 6) **GCC wins the Taiwan Excellence**

GCC, equipment-manufacturing provider in the visual-tech industry, is proud to share the news of winning the prestigious Taiwan Excellence for its innovative LaserPro Spirit GX. Inherited the utmost user-friendly features and putting forward state-of-the-art QSM (Quality-Speed-Mode) technology; the LaserPro Spirit GX has earned GCC the 2007 Taiwan Excellence amidst fierce competition. GCC has won this honor for 11 consecutive years since 1997. Equipped with a linear motion guide, high speed DC servo motor, and up to 200 levels of laser power control, plus an unparalleled convenient "drag and engrave" feature, the unparalleled LaserPro Spirit GX allows users to work with productivity and boost overall usability. Taiwan Excellence is the highest honor awarded to products that encapsulate innovation, formerly known as the Symbol of Excellence (SOE). Taiwan Excellence was first established in 1992, and its former and present winners come to represent the most revolutionary and elevated class, offering unsurpassed value-added and leading-edge products.

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

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#### 7) **XAAR pushes the boundaries at Graph Expo 07**

Xaar presents its piezoelectric inkjet technology and applications for the label printing, packaging, commercial print and industrial markets on **booth 5484 at Graph Expo 2007** (9-12 September, Chicago). The flagship Xaar 1001, the company's latest variable drop printhead, will be demonstrated in a web application using the latest UV ink technology. Designed for high-speed, single-pass applications, the Xaar 1001 printhead is based on Xaar's patented Hybrid Side-Shooter platform with TF Technology. Xaar's greyscale printing uses dynamically variable drops to deliver high quality four-color results hour after hour, without downtime. The Xaar 1001 delivers impressive precision, a choice of selectable or variable drop sizes, self-priming and self-cleaning; superb repeatability; productivity and a long lifetime. The company will also show a range of other Xaar printheads designed to meet a broad range of applications, including the highly versatile Xaar 760 GS8 which is capable of operating in greyscale or binary mode with a wide range of inks. This head delivers drop sizes ranging from 8 picolitres (pl) up to 40pl, and is ideal for applications such as high quality POP graphics, packaging and large format print applications.

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

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#### 8) **Caldera releases the new version 7.22 of its product range**

Caldera Graphics, French software editor in large format imaging and production workflow, is launching the new version 7.22 of its successful range of products including many new features and devices. Caldera is now installable on Kubuntu 7.04 an easier to use, more stable and universally adopted Linux system. The new "flip-flop" Tiling option prints all tiles located on odd columns with a 180 degrees rotation in order to ensure print reliability and eliminate forms of banding. In EasyMedia the measurement data (transition, linearization or profiling) is saved in the calibration files (.ppi, .ppc and .icc files), and therefore in the Media Patches. A new option now allows you to read the measurement back from the calibration files. All printer drivers are now installable with software patches (downloadable from Caldera ftp's site).

**More information: [www.caldera.eu](http://www.caldera.eu)**

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#### 9) **ErgoSoft RIP supports new Mimaki JV33**

At FESPA 2007 in Berlin, ErgoSoft received three FESPA Digital Print Awards, while not far away; Mimaki presented the new solvent printer JV33. This was reason enough for the color management specialist from Switzerland to support this new printer at its launch with adequate RIP-software at its side. This Piezo printer is available in widths of 130 cm and 160 cm. Its new print head technology increases the printing speed up to 30%, says Mimaki. Unlike the conventional print head of the JV 3 series, with 4 times 360 nozzles, the new Mimaki JV33 has only one high-speed print head, but with 1440 nozzles. An additional heating system reduces the drying time of the media. With a different raster algorithm, the ErgoSoft RIP software end-user can use this speed advantage of the printer. Depending upon requirements, the end user can choose between "Stochastic" for fast production or "Smooth Diffusion", which is suited for Fine Art printing. "With the latest version of our RIP-software, we offer for the JV33, with its outstanding price-performance, an outstanding RIP that fulfills the quality demands of the customers", said the founder and owner of ErgoSoft, Mr. Tobler.

**More information: [www.ergosoft.net](http://www.ergosoft.net)**

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### **10) Wasatch supports latest UV-Curable inkjet printers**

Wasatch Computer Technology has released support for the latest UV-curable printers from MacDermid ColorSpan and Mimaki. Devices using UV inks are capable of printing on a wide range of inexpensive rigid or flexible roll materials. Challenging print scenarios with lower quality media achieve the maximum benefit from SoftRIP's 16-bit color pipeline. Color subtleties and gradients in raster images are maintained with enormous detail and vector gradients are perfectly smooth at any output size. SoftRIP now includes white-ink supporting drivers for ColorSpan 5440UV, ColorSpan 5445UV, ColorSpan 5460UV, ColorSpan 5465UV, and ColorSpan 9840UV printers. The ColorSpan 5400UV Series combined the quality of an aqueous thermal inkjet printer, the durability of a solvent printer, and the media flexibility of a UV-curable inkjet printer with a compact physical footprint. The larger 9840UV offers industrial-grade size and speed for print shops demanding high volume production. Mimaki buyers can now use SoftRIP to drive their UJV-110 UV curable inkjet printer. SoftRIP's simple white ink workflow makes it easy to produce first and second surface output for window films and decals. The optional Variable Data Printing Module adds capabilities for easily customizing print jobs like nameplates and labels with the UJV device.

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

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### **11) RATIO: CAD|STATION Version 5.3 now available**

CAD|STATION, the intelligent software to connect up to three CANON iPF printers to a high speed multi-roll plot or MFP solution, is now available in version 5.3. Compared to version 5.2, CAD|STATION 5.3 offers many new features to meet the current market requirements. CAD|STATION is now Windows Vista compatible. All CAD|STATION 5.3 client applications run both on the 32-bit and on the faster 64-bit edition of Windows Vista. Users can enjoy the convenient and easy-to-use features of CAD|STATION also with the new Microsoft operating system. The latest release of AutoCAD is now fully supported by CAD|STATION 5.3. CAD|STATION's PLOTCLIENT|HDI, which allows printing directly out of AutoCAD, has been updated according to the newest version AutoCAD 2008. CAD|STATION offers optimized color management due to ink limitation. Depending on media structure, image quality and image content, each printout requires individual settings for the amount of ink applied.

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

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### **12) HumanEyes: Certification of the Océ Arizona GT Flatbed UV Printer**

HumanEyes Technologies has announced certification of the Océ Arizona 250 GT flatbed UV printer to produce lenticular and LensFree prints using HumanEyes' lenticular software solution, PrintPro 2.0. This certification marks a first step in the cooperation between the two companies to promote the lenticular opportunities among Océ's flatbed customers. HumanEyes PrintPro 2.0 is a powerful core lenticular and 3D technology that allows printers to open, modify and print Creative3D end files, which are created by designers. New HumanEyes LensFree technology – now incorporated into its PrintPro 2.0 software for digital flatbed UV wide format printing – is enabling 3D effects and 2D animation to be printed directly on glass or acrylic (plexiglass), helping remove a major traditional lenticular printing barrier, namely, the high cost of production in terms of purchasing lenticular lenses. The Océ Arizona 250 GT is a UV curable flatbed inkjet machine that delivers exceptional, near-photographic image quality on rigid or flexible media using Océ VariaDot imaging technology. The Océ VariaDot technology uses a variable ink drop size from 6 to 42 picoliters producing sharp, crisp type and line work, smooth skin tones and solid colors.

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

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### **13) Folex: New ink jet banner media shuns the summer weather**

Folex outdoor banner material for large-format ink jet printing is specifically designed to shun the downpours that inevitably effect our long awaited summer events such as town carnivals and sports days. Folajet PP-WO is a soft, flexible polypropylene banner film with a quick-drying ink-receptive top coating developed by Folex to render images virtually waterproof when printed with pigmented inks. Certainly, simple tests show that printed images are totally smear-proof when immersed in water – whilst at the Folex outdoor product testing site in Switzerland samples have endured 10 months' exposure without sign of deterioration. Folex has chosen a 180 micron bright-white polypropylene for its waterfast banner media because of its outstanding opacity and flexibility. Folajet PP-WO is ideal for one-off and short-run promotional banners where color vibrancy and lightfastness are pre-requisite. For internal applications, it can be printed just as successfully with dye-based as with pigmented inks. Folajet PP-WO is available in widths of 610mm, 914mm, 1067mm, 1270mm and 1370mm.

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

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#### 14) heytex: Debut at the APPPEXPO 2007 in Shanghai

The APPPEXPO provided a great forum for Heytex Technical Textiles (Zhangjiagang), Co. Ltd., a wholly owned subsidiary of Julius Heywinkel GmbH, to introduce their innovative high-quality laminates to an international public. The focus, however, was on 16 different products, covering Frontlits, Backlits, Blockouts, and Dual Colour Frontlits. The success was overwhelming: "The (post-) exhibition feedback from the industry, customers and even competitors was that our products have the best quality. The general impression was that our laminates are very different from the "run-of-the-mill" Chinese laminates.



Not only they are comparable to the Korean qualities, but there are added smoothness and softness which are unique to the heytex product range," explains Dr. Percy Lee, General Manager of Heytex Technical Textiles (Zhangjiagang), Co. Ltd. More than just an exhibition, the APPPEXPO in Shanghai provides insight into future market trends, thus increasing business opportunities. The APPPEXPO certainly was a key catalyst for the continued growth of Heytex Technical Textiles (Zhangjiagang), Co. Ltd. "In my opinion, the objective of establishing a perception of premium quality for Heytex ZJG, a German owned company in China, in an international arena has been more than achieved", comments Dr. Percy Lee.

viscom 2007: hall 8a, booth G 60

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

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#### 15) Neschen: B1 certificate for panels

With regard to the upcoming viscom, Neschen AG has some very good news for the customers: both the solvoprint easy panel 430 (print medium) and filmolux scratch (laminare) have the B1 certificate. Good news insofar as the requirements by the trade fair organizers no longer get in the way of using PopUp systems. The composite material is made of flame retardant rigid PVC with a thickness of approximately 430 µm and a scratch-resistant polyester laminate.

viscom 2007: hall 8a, booth J02/J20

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

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#### 16) Regulus is "Converter of the Month"

The coating specialists of Regulus, based in Erlangen in the south of Germany, have been appointed as "Converter of the Month" in the June / July issue of the German magazine "C2 Coating and Converting". Amongst the reasons given, it was said that "within a few years the company has freed itself from the image being a conventional specialist for adhesive tapes and has changed into an all-round coater". Managing director Ralf Koenig sees this reward as "a confirmation of the company's innovation-oriented strategy and an incentive to move further in the field of high quality films carrying an added value". Regulus is the first SME coating company being selected, succeeding to the major players Tesa AG and Herma GmbH.

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

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#### 17) I.T. Strategies: UV roll-to-roll printers

Over the last few years, a new type of wide format UV ink jet printer has come on the market: the wide format UV roll-to-roll printer. The question being asked by many today is: Will UV roll-to-roll printers experience as much success as the UV flatbed or are these printers being pushed into the market because of vendor need rather than user demand? I.T. Strategies expects that UV roll-to-roll printers (does not include hybrids) could grow from an installed base of 199 printers in 2006 to 1,300 by 2011, a CAGR of 46%. Total manufacturer revenue from UV roll-to-roll printers (hardware, ink and media) is forecast to increase from \$121 million in 2006 to more than \$560 million by 2011, a CAGR of 36%. (NB: Total manufacturer revenue from UV flatbed ink jet printers grew from \$58 million in 2003 to \$600 million in 2007). According to Liz Ziepniewski Logue, Senior Consultant at I.T. Strategies, "UV roll-to-roll ink jet printers could negatively impact the solvent market over the next five years, as users move some output from solvent printers to UV printers and more importantly, as users decide to spend their dollars on UV printers rather than solvent printers. Perhaps though, the biggest impact will be felt in the screen printing market as highly productive UV roll-to-roll printers begin to go head to head with screen printed products." UV roll-to-roll printers offer a number of advantages over solvent ink jet printers including increased productivity, fewer environmental issues, versatility of substrates, less vendor competition and white inks. I.T. Strategies, Inc. is an established research and consultancy firm dedicated to serving companies in emerging digital printing markets.

More information: [www.it-strategies.com](http://www.it-strategies.com)

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