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Dear readers,

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

1) **FESPA Digital 2009: 12 to 14 May in Amsterdam**

FESPA Digital 2009 (**RAI Exhibition Centre, Amsterdam, 12 to 14 May**) will provide visitors with an unprecedented programme of knowledge-sharing initiatives to inspire and help printers reach their business goals in challenging economic conditions. FESPA has focussed on maximising the learning opportunities that visitors can access at FESPA Digital 2009. FESPA's popular Digital Innovations Showcase Theatre programme spans the three-day exhibition, comprising 18 free-of-charge sessions hosted by world-leading authorities from print and associated industries. For the first time at FESPA Digital 2009, FESPA's own stand (Stand E90, Hall 5) will provide an additional stage for industry learning, with interactive lunchtime debates and interviews with key digital print figures and 'revolutionaries'. Issues and challenges currently faced by printers in the wide format arena will be discussed on the stand and visitors will have the chance to engage in debate with industry leaders on these topics. It is free to visit their exhibition if you register BEFORE the event. Opening times are: 12th May - 10.00 – 18.00, 13th May - 10.00 – 18.00 and 14th May - 10.00 – 17.00

More information: www.fespadigital.com



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Sincerely Yours

Susanne Aschoff

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2) EFI: Superwide and Wide-Format Printing

EFI showcased an array of new products, including the revolutionary new VUTEK GS3200 and GS5000r superwide printers and the flexible new Rastek T660 wide-format UV flatbed, at the ISA. The VUTEk GS3200 delivers revolutionary photorealistic quality and superwide speed without compromise, and is set to expand the reach of superwide into new industries and innovative applications. The VUTEk GS5000r offers quality and speed that redefines productivity and allows EFI's customers to tap into the premium-margin markets that demand point-of-purchase (POP)-quality graphics. The Rastek T660 5'x4', UV flatbed provides best-in-class image quality, and can print on a wide range of coated and uncoated flexible and rigid media, including glass and aluminum.

FESPA Digital: Hall 1, booth A20
More information: www.efi.com

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3) WP Digital: The Virtu RR50 at FESPA Digital

WP Digital covers the full spectrum of applications in digital printing. The company introduces Virtu RR50, a new digital UV large format printer which is able to print flexible substrates up to a width of 5 m. At the FESPA Digital the Virtu RR50 will print in quality and production modes, offering live demonstrations with a wide variety of different flexible substrates. Additionally WP Digital will present the digital UV-printing on glass substrates and introduce new color possibilities such as silver. One year ago, WP Digital presented its vision to a number of interested parties and customers: A new digital UV large format printer was expected to print flexible substrates up to a width of 5 m. In spring 2009, this vision has become a reality, with the launch of the roll-to-roll UV printer Virtu RR50. With the extraordinary printing width, new application areas can be tapped – interior and exterior advertising for instance, or the design of facades and interior spaces. Whether textiles, mesh, vinyl, adhesive films or PVC tarps – Virtu RR50 will provide top-in-class printing quality.

FESPA Digital: Hall 1, booth E50

More information: www.wp-digital.com

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4) Gerber Scientific Products: New Solara ionZ Inkjet Printer

Gerber Scientific Products, Inc. has announced their latest innovative technology in the wide-format UV



inkjet printer marketplace – the Gerber Solara ionZ, a first high resolution cationic UV inkjet printer. Capitalizing on their experience and success with the Gerber Solara ionX and ionV inkjet printers, GSP has developed a technologically advanced, high-resolution, cationic UV ink jet printer that meets the varied needs of wide-format, outdoor-durable digital printing applications. The new Gerber Solara ionZ delivers all of the benefits of the current Solara ion product family including GerberCat Cationic UV Ink and Cold Fire Cure low temperature, long life technology, but with the added advantage of high resolution image output. The European preview debut will take place at FESPA Digital in Amsterdam. **FESPA Digital: Hall 1, booth B30**

More information: www.gspinc.com

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5) Screen Truepress Jet2500UV – Direct to textile UV printing

At FESPA Digital Screen's growing commitment towards environmental trends will be demonstrated with its Truepress Jet2500UV showing its capabilities as a textile printer which complements its versatility to output onto most roll-fed and rigid materials. Using the company's own flexible UV-curable ink technology, display producers can now print direct to textiles for a wide variety of durable soft signs, banners and flags without having to resort to traditional two-stage dye sublimation processes. The Truepress Jet2500UV uses Screen's flexible UV-curable inks and drop-on-demand variable dot piezo-electric grayscale printheads to make it suitable for producing applications on virtually all roll-fed and sheet materials. At FESPA Digital, the Truepress Jet2500UV has produced all the banners on the Screen stand, printed at 900 dpi direct onto 2.5m wide polyester banners. The Truepress Jet2500UV has a maximum print width of 2.5 m wide and handles substrates thicknesses of up to 5 cm and rolls up to 100 m in length. There is a maximum production speed of up to 67.5 sq m/h. a choice of output resolutions up to 1500 dpi, and its six-colour ink-set of CMYKLCm can be enhanced with the addition of a white option. **FESPA Digital: Hall 1, booth B140**



More information: www.screeneurope.com

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6) Agfa Graphics' new :Anapurna M2 UV inkjet wide format printer

Agfa Graphics proudly announces the :Anapurna M2 UV inkjet wide format printer. Based on Agfa's industry award-winning :Anapurna M family of UV inkjet printers, the :Anapurna M2 is a feature complete heavy-duty industrial UV inkjet system. A vacuum strength control system was designed for smooth substrate transport at high speeds. The :Anapurna M2 boosts a more powerful fastscan motor driving a shuttle with 6 printheads with 1024 nozzles each which provides increased speed. Convenient by design, the printer handles roll-to-roll media as well as rigids. The :Anapurna M2 has a maximum media width of 62 inches and uses the latest Konica-Minolta 12 picoliter print heads offering unparalleled image quality at 720 x 1440 dpi. Both in uni- and bi-directional modes, prints are sharp and show high detail rendering and fine text. Printing in the 8 pass uni-directional mode delivers output in photo quality. Maximum productivity is achieved in 4 pass bi-directional mode and results in an output of approx. 23 sq m/h. In combination with the Agfa-made UV-curable :Anapurna ink, :Anapurna M2 offers top-notch photo-quality at high throughput speeds. **FESPA Digital: Hall 1, booth G90**

More information: www.agfagraphics.com

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7) Mutoh to present latest innovations at FESPA Digital

Brand-new products on display at Mutoh's booth will be the Viper Extreme dye sublimation printer, the ValueJet Hybrid bio solvent printer as well as a new series of aqueous inkjet printers called the ValueJet water based series. Visitors will also be able to discover the Zephyr 65 UV printer and to explore the multiple benefits of Mutoh's proprietary Intelligent Interweaving technology (i²), now standard on all Mutoh piezo inkjet printers. Mutoh's new Viper Extreme printer family is suited for transfer sublimation printing (on paper), for transfer to fabric or transfer to object, as well as for direct sublimation printing (coated closed polyester fabric). Available in 65" and 88" widths, the Viper Extreme printers are targeted at businesses focusing on volume production of soft sign banners for indoor use and/or short term outdoor use. The ValueJet Hybrid is a 64" wide inkjet printer capable of printing onto both roll-to-roll and rigid substrates. ValueJet Hybrid utilizes a non petro-chemical based ink, originating from corn. A heated air knife system blowing hot air onto the prints made will promote quick drying of the bio solvent ink and ensure that prints are dry when they come off the printer. Compactly designed and easy-to-use, the Mutoh ValueJet aqueous printer series is targeted at print providers focusing on production of indoor prints. **FESPA Digital: Hall 1, booth A30**

More information: www.mutoh.eu

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8) Neolt shows product innovation at FESPA Digital

Known as an innovative manufacturer of value-for-money hardware solutions for large-format printing and print finishing, NEOLT lives up to its reputation by showing the new 6-color version of the SuperJet-MR 3200 roll-to-roll UV printer at FESPA Digital. This printer offers beautiful quality, good speed and productivity. In addition to this, NEOLT will show an entirely new textile trimmer with a heatable (up to 360°C) rotary blade. Of course the successful online trimmer XY Matic Trim 165 will be on show, as well as NEOLT solutions for laminating, welding and eyeletting. **FESPA Digital: Hall 1, booth H40**

More information: www.neolt.it

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9) m print: Its first UV digital inkjet printer – m print SP2 100

m print, a specialist manufacturer of pad printing machines and thermal transfer printers, has introduced its first UV digital inkjet printer. The m print SP2 100 is highly flexible and is equipped with the innovative Xaar 1001 greyscale printhead. It is designed to quickly and economically print variable designs onto a wide range of promotional items, as well as industrial parts for automotive, medical and other applications. The full-colour (CMYK + white or spot colour) SP2 100 system prints excellent quality text and graphics onto both flat and 3-D objects up to 250mm in height. Compared with traditional methods, the productivity of the single-pass m print SP2 100 is high. It can print up to 400mm/second over a scalable width from 70mm to 250mm. Inkjet printing gives a high degree of flexibility enabling ad-hoc print runs and personalisation on-demand, while the non-contact printing process ensures product protection. The additional print unit for pre-printing opaque white enables vivid colour prints on dark or coloured substrates. The SP2 100 is manufactured by m print at its advanced new manufacturing facilities in Baiersbronn, Germany. **FESPA Digital: Hall 7, booth M88**

More information: www.mprint.biz and www.xaar.com

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10) Mimaki: UJV-160 UV LED curing hybrid printer

Mimaki Engineering Co Ltd. is proud to announce the enhanced version of its UV LED curing hybrid printer UJV-160 for roll and rigid substrates featuring substantially more robust tables that can accommodate heavier media weights. The UJV-160 is the first hybrid large format printer using UV LED (Light Emitting Diodes) curing technology and is shipping since last August. The flexible inks that have been developed jointly with 3M Corporation stretch standalone up to 200 percent. The inks are suited for printing and post-processing including bending without ink cracks for applications such as fleet markings and vehicle wraps. In addition Mimaki has developed hard UV LED curing ink. The upgraded UJV-160 now announced can accommodate rigid media of up to 12 kg (until recently 2 kg) thus providing for print on substrates such as acrylic and aluminum compound boards used by the signage and display industry. With this upgrade Mimaki broadens the application possibilities of its award-winning UJV-160 even further.

FESPA Digital: Hall 1, booth B70 and C65

More information: www.mimakieurope.com

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11) Roland DG: New product series at FESPA Digital

A highlight will be the upgraded FP-740 sublimation printer. This highly versatile printer now features Roland Intelligent Pass Control and offers the possibility of calibration "on the fly". Furthermore, the FP-740 can be customized to meet the needs of the client. Clients can choose a take-up systems and ink refilling systems that's perfectly suited for the production of a specific application. Direct textile printing is another possibility of the upgraded FP-740. For the second year in a row, Roland DG will show a huge variety of applications in a Gallery. Applications are e.g. sportswear, seats, decoration items. R-Wear is another interesting application. This is a combination of specific software and Roland machines used to personalize garments, gifts, accessories and more. At FESPA Digital, Roland DG will give extra attention to its Care program, which is one of the company's cornerstones. The Care concept encompasses among other things the service and maintenance contracts, the help desk, the trainings of the Roland DG Academy and the Creative Center. With this Care program, Roland DG wants to deliver additional services to its clients and build a long-term relationship with them. Clients can rely on Roland DG to help them transform their imagination into reality.

FESPA Digital: Hall 1, booth C150

More information: www.rolanddg.be

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12) Tepede Graphics: TeckStorm XL R UV-Flatbed

Tepede Graphics got extreme good positive feedback about outstanding behavior of prints on glass, steel and ceramics done by TeckStorm with Tecklok ink. Samples will be exhibit at Teckwin´s booth on FESPA Digital even TeckStorm XL R. TeckStorm and TeckStorm XL are now available with roll to roll option, so even long prints can be done automatically on flexible media. The maximum print width is 1.8 m with TeckStorm and 1.35 m with TeckStorm XL.



TeckStorm printer family including the MinoTeck UV printer (65 x 91 cm) can be equipped with CMYK+2W, CMYK+4W for highest flexibility or even 2CMYK for high speed. Even varnish is available. The maximum thickness of board and objects is 50 mm with TeckStorm and 150 mm with TeckStorm XL. In total there are 4 ink types available: TeckJet for most graphic application, TeckLok for best adhesion without need for priming on glass, steel, ceramics, TeckStretch for printing on stretchable media like leather and TeckFlex for printing on plastics for post vacuum forming. **FESPA Digital: Hall 1, booth H50**

More information: www.tepede-graphics.com or info@tepede-graphics.com

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13) Graphics One launches GO RIO TX Printer

Graphics One, LLC (GO), developer and international distributor dedicated to providing innovative, high quality products to digital imaging professionals is launching the new GO RIO TX. The high performance, highly enhanced 42-inch direct-to-fabric printer was developed specifically for the flag and banner market. With the tremendous growth of companies wanting to print brilliant saturated images directly on fabrics, Graphics One introduced the GO RIO TX during the ISA. The RIO TX has been modified to image on multiple types of fabric with integrated high performance ink delivery system, fabric drying system and fabric media handling system. Further, the RIO TX can also image on paper offering the ability to do both direct-to-fabric and paper transfer. Used with GO's Xtreme Ink, the printer will initially be focused on customers who need fully saturated polyester flags and banners. GO will be introducing a new ink later in the year for the RIO TX which will also image on uncoated cotton, nylon, wool and a variety of other fabrics. GO's RIO TX comes bundled with Wasatch SoftRIP for RIO, new ink delivery system, fabric drying system and fabric media handling system. Graphics One also offers an optional 44-inch Sublimator for curing imaged fabrics.

More information: www.graphicsone.com

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14) GBC: Professional laminating and binding systems

GBC-Professional will present its range of cost effective laminating-solutions for the wide-format and on-demand market at FESPA Digital. The company will showcase its new high productivity laminating system – the GBC 3052. Furthermore GBC will demonstrate the compact laminating system Catena along with its latest exciting range of supplies – GBC Digital Lay Flat plus the new OPP Digital Film. Next to that the company will demonstrate the punching and binding systems Magnapunch, MP2500iX and unique P2000. With these systems GBC-Professional can offer complete finishing-solution out of one hand for print companies.

FESPA Digital: Hall 1, booth B100

More information: www.gbceurope.com

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15) Zünd: G3 Cutter in two new configurations

Zünd is presenting several new and innovative additions to their product line at FESPA Digital. Attendees will have an opportunity to see Zünd G3 high-performance cutters in two amazing new configurations. The G3 3XL-1600 will be presented to the public for the first time. This 3,2m wide machine will be set up for cutting and trimming super-wide, printed rolls. Another remarkable feature of the new G3 cutter will show off its best, "green" side: an integrated, variable vacuum generator that delivers only as much vacuum as required by any given cutting operation. In addition, Zünd will be introducing a brand-new, semi-automated production workflow on a G3 M-1600. The system combines conveyORIZED material transport with table extensions for loading and, optionally, off-loading. A built-in guide guarantees perfect placement of sheets or boards every time. This setup turns G3 into a high-volume production system, making it possible to cut non-stop while freeing up the operator to perform other tasks. Also being demonstrated for the first time is the latest version of Zünd's V-cut tool. This cutting device can deliver cuts at four different angles, making it possible to fold very thick, rigid materials into an amazing array of shapes. With this tool at hand, the potential for new applications is truly beyond limits. **FESPA Digital: Hall 1, booth C28**

More information: www.zund.com

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16) SETeMa: A new developed Porta-Wash line

SETeMa will shown at FESPA Digital is the new developed Porta-Wash line for the washing-off of digital printed textile. In the Porta-Wash line the vacuum slit system pre-dries the fabric evenly to a wet-pickup as low as 30% relative to fabric-weight. When used in combination with the Portafix Universal steam-dryer, additionally up to 80% of the drying energy will be reused for pre-heating of the cold fresh water in the Porta-Wash. To obtain the highest energy efficiency each Porta-Wash module is additionally equipped with a counter-flow heat exchanger between the fresh water and hot waste water, air recirculation at the vacuum system and thermally isolated walls. The Porta-Wash line use recycled and a calculated fresh soft water amount with a minimum of only 2.5 l/min (at 2.5 m width), based on the (dye) pollution in the washer for an optimal washing result with a minimum of water usage. SETeMa produces all of its products in 3 cloth widths: 1.85 m, 2.50 m and 3.40 m. Marketing and sales activities of SETeMa are handled by 2-some.

FESPA Digital: Hall 7, booth M18

More information: www.setema.com or www.2-some.com

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17) CRUSE: Portable Large Format Scanners for Museums

CRUSE GmbH is a leader in the development and manufacture of specialised scanning systems for digitising originals. In the past, valuable museum exhibits and stock items where not allowed to move or change locations for insurance reasons. From now on these valuable objects can be digitised directly in the museum. The new Museum Scanner CS-220 ST MS is portable, has easy handling and is very user friendly. It guarantees excellent picture quality even with large formats of up to 2 meter x 3 meter and even at the peripheral areas. The Cruse company is famous for the faithful texture and vivid illustration of the original. A sophisticated lighting system, with Low UV cold lamps, illuminates the original with different modes and allows an almost 1:1 reproduction. In addition, the newly developed vertical synchronous table has the advantage that no object (camera, lighting, etc.) is attached over the valuable exhibit. There is simply no possibility that anything can damage the original. **FESPA Digital: Hall 1, booth A77**

More information: www.crusescanner.com

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18) Contex: New productivity specifications

Contex announced the inclusion of a new standard for measuring the productivity of its' Contex and Vidar scanners. This new standard measures productivity by number of completed scans in a specified period of time. While inches-per-second is still the accepted standard for large format scanners, many scanner users appreciate a more practical measurement regarding the scanner's productivity. Contex's completed-scans-per-hour provides a more accurate representation of scanner speed and productivity. Wide format scanners need to transfer lots of image data to a computer – especially when scanning in color or high resolution. Contex's no-compromise SD and HD series scanners with xDTR (Extended Data Transfer Rate) can scan wider documents in higher resolutions without the scanner stopping or slowing down due to slow data transfer. This raises the overall productivity of the scanner – most visible when measured in completed-scans-per-hour. Contex continues to list inches-per-second in their specifications as well, so that large format users have two distinct specifications for easy comparison of Contex scanners to other scanners. The following Contex series models include the new productivity specifications: SD4400, HD3600, HD4200, and HD5400.

More information: www.contex.com

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19) EskoArtwork: New workflow and digital finishing solutions

EskoArtwork will demonstrate a strong and innovative portfolio of leading products for POP, signs and displays at FESPA Digital 2009. Highlights will be the European introduction of SignUp Auto, a SignUp brand extension for fully automatic nesting and production control of sign and display jobs, and the new Kongsberg XP series equipped with the i-cut vision control system and a loading table for semi-automatic production. At the show, Guy Caputo – world record holder in speed racing – will be demonstrating the record-breaking speed and performance of the Kongsberg XP table. Other EskoArtwork best in class products for sign and display finishing are on display with live demonstrations. Company experts will be on hand to demonstrate and explain the solutions. Other EskoArtwork solutions will be available for display, such as ArtiosCAD, which allows designers to create structural designs of POP materials, the Studio toolkit for boxes and flexibles that adds design power to Adobe Illustrator, and Visualizer, delivering exceptional virtual views of a POP designs on a computer monitor. All of these products are popular CAD to graphics links that EskoArtwork has developed for designers over many years. **FESPA Digital: Hall 1, booth C125**

More information: www.esko.com

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20) Xaar inkjet technology drives innovation at FESPA Digital

Xaar, leading independent printhead manufacturer and FESPA Global Technology Partner, shows its full range of binary and greyscale inkjet printheads at FESPA Digital, including the European debut of two new next generation binary printheads. Market interest in Xaar's ground-breaking greyscale printheads is huge and manufacturers have quickly developed leading edge printers to maximise their capabilities. This is demonstrated in the high number of new Xaar-enabled printers being shown at FESPA Digital this year. The launch of the new entry-level, high-speed Xaar Electron and the new premium print quality, high-productivity, Xaar Proton, set new standards in wide and grand-format printing performance. They are ideal for the production of indoor and outdoor graphics printed on a variety of materials including: paper, PVC, film, mesh fabrics and vinyl. Visitors visiting the Xaar stand, where they will receive an easy reference map, showing them exactly where to find Xaar technology at the show. **FESPA Digital: Hall 7, booth M80**
More information: www.xaar.com

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21) Caldera integrates new N-Color print engine

Caldera Graphics, French software editor leader in large format imaging and production workflow, has implemented full featured N-Color management to its RIP software portfolio for Epson and Canon printers. The new Caldera N-Color print engine manages both orange and green inks in addition to the CMYK and light inks. The new print engine enables printers to exploit the full gamut potential of their N-Color printer devices. With variable-size droplets management through Caldera, printers will achieve more accurate colors, better color gradation and resolution with all those combinations. The Caldera RIP is Pantone licensed for accurate spot color matching and offers full support for ICC output profiles, thus ensuring precise color output predictability and a wider color palette. EasyMedia, Caldera's integrated color management, color calibration and profile making solution, is now also N-Color optimized.

FESPA Digital: Hall 1, booth C71

More information: www.caldera.eu



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22) ONYX Graphics: Efficient and contemporary workflow solutions

ONYX Graphics will be displaying its print business workflow solutions for the digital color printing marketplace at the FESPA Digital. Aside from the ONYX RIP Solutions ProductionHouse, PosterShop and RIPCenter, ONYX will be also starring ONYX PrepEdge Pro, the latest addition to its product portfolio. ONYX PrepEdge Pro is a fast RIP-independent job preparation solution for large format printing. It is designed specifically for large format workflows that reduce job preparation time and media waste, and increases throughput and productivity for print service providers. ONYX PrepEdge Pro is RIP-independent, includes a full PDF Editor and runs on Mac OS X 10.4 or higher, Windows XP or Windows Vista platforms. Stop by the ONYX booth to learn everything about "Efficient and Contemporary Workflow Solutions for Large Format Digital Printing". See ONYX Products in action, join one of their ONYX PrepEdge Pro live demos and discover their trade show special promotions. **FESPA Digital: Hall 1, booth D90**

More information: www.onyxgfx.com



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23) SA International: Flexi 8.6v2 and PhotoPRINT 6.1v2 released

SA International (SAi), leading provider of Solutions for the Professional Sign Making, Large Format Digital Printing and CAD/CAM for CNC Machining Industries, releases Flexi 8.6v2 and PhotoPRINT 6.1v2 for Microsoft Windows. The newest Flexi and PhotoPRINT update integrates key customer feedback, important enhancements and new features including: The ability to create multiple contour paths, customize path styles, assign colors to each path and adjust different settings for each contour.

Improvements for Ink Split in the Color Profiler, including better default settings, greater control over smoothing and the ability to import information. The release also includes Enhancements to SO Diffusion that make this revolutionary dithering pattern faster and even more accurate. This new release is now shipping with all new Flexi and PhotoPRINT packages for Microsoft Windows XP and Vista. It is available as a free update to customers operating Flexi 8.5 for Windows or later. Registered users with earlier software versions qualify for special upgrade pricing.

More information: www.SAintl.biz



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24) BARBIERI: Entry-level model of Spectro LFP RT

BARBIERI electronic launches the entry-level model Spectro LFP Basic. It takes part of Spectro LFP family and grants the same high measuring quality as the Spectro LFP RT. The Spectro LFP Basic differs from his big brother "RT" as the measuring aperture is fixed at 6mm, it effects reflective measurements only. The Spectro LFP Basic can be upgraded easily to "RT" version with all his special features such as transmissive readings and switchable measuring aperture. The Spectro LFP Basic offers the possibility to get an entry-level model of the best in class color measuring device Spectro LFP RT at lower costs but full flexibility. The Spectro LFP Basic will be shown for the first time at FESPA Digital. BARBIERI will also showcase their recently launched Spectro Swing and Spectro LFP Series 2. **FESPA Digital: Hall 1, booth J75**
More information: www.BARBIEREelectronic.com

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25) GMG is partnering with HP and Mimaki at FESPA Digital

GMG will be exhibiting on **FESPA Digital in hall 1 on stand number C70 (Hewlett Packard) and on stand number B70 (Mimaki Europe B.V.)**. "The future is digital" – GMG subscribes to this motto demonstrating innovative software solutions to be utilized in the context of Hewlett Packard and Mimaki Europe B.V. products. The main focus will be on GMG color management solutions. "GMG is proud of being present at the FESPA Digital for the first time. Over the recent years, our products have been well established in the traditional proofing and color management business. More and more customers however use a heterogeneous production environment, e.g. offset and digital printing in parallel. Experience has shown that also in these cases our customers benefit greatly from the automatic color conversions via GMG ColorServer", says Jawdatt Mawassii, Vice President Strategy & Business Development at GMG.
More information: www.gmgcolor.com

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26) Bordeaux: UV Ink for HP Expedio and Tempo – PLASMA PIFx

Bordeaux completed a successful launch of UV inks designed for the HP Expedio and Tempo UV printers. "Providing perfectly matched ink to the original ink is a substantial requirement in the wide format UV ink market", claims Dror Mualem VP Sales of Bordeaux. The PIFx UV ink for HP Expedio expands the Plasma ink family, Bordeaux's PLASMA UV ink range, and features a unified ink, which is suitable for rigid and flexible applications. The Plasma ink incorporates Bordeaux's proprietary feature, the Mix & Match technology which has already been implemented on other Bordeaux solutions. "The ink posed a true challenge for us", explains Dr. Michael Letuchi, Head of the UV ink research team, "since it required that we create an ink, which on the one hand matches the original ink and on the other hand fulfils other demands, some imposed by the users and others imposed by Bordeaux's marketing team. The users demanded inks that are glossy, with high optical density and wide color gamut yet low odor with a wide substrate range adhesion and stable, long indoor and outdoor durability." Bordeaux's R&D Division directed their efforts to incorporate all these parameters in a single unified ink for both rigid and flexible applications. The Bordeaux Plasma UV ink amongst its quality features also eliminate the need for the flushing process which in these printers is lengthy, costly and time consuming, the company says. Meet [Bordeaux](#) at **FESPA Digital: Hall 1, booth D68**



More Information: www.c-m-y-k.com

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27) Cham Paper Group: EXTERIO – New Outdoor Paper Line

Cham Paper Group's new Digital Imaging Division will launch its new Outdoor Paper Line EXTERIO at FESPA Digital. The versatile, full range of products is suitable for all outdoor applications, including special grades for mega-scrollers, light boxes and billboards. All EXTERIO grades deliver excellent printing results combining outstanding wet-strength properties with supreme tear and flexcrack resistance. Tailor-made to the requirements of both, digital printers and media owners, Cham Paper Group has successfully developed a versatile, environmentally-friendly product range offering high quality grades for eco/mild solvent, real solvent and UV curable printing. Several years of research have permitted Cham Paper Group to develop high performance wet-strength inkjet papers by investing in a new coating technology: Curtain Coating. Several layers of the most innovative inkjet coatings are applied to the wetstrength base paper producing inkjet papers with a very homogeneous formation and a near perfect surface. Cham Paper Group installed this new coater on a production scale in their Swiss Mill in February this year, investing a total of 13 Mio. Euros.



FESPA Digital: Hall 1, booth C61

More information: www.qualimage.ch und www.cham-paper-group.com

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28) ASLAN glass decoration films in two new designs

ASLAN expands its wide range of glass decoration films: on the one hand the cool silvery appearing ice-etched-effect, on the other the classy sandblast look. Both films create impressive effects on glass surfaces. In addition the user has the convenience of being able to choose between the new Dryapply technology for dry application and the classic adhesive system for wet application. With its especially developed Dryapply technology, ASLAN offers a major advantage: simple, bubble-free, dry application on any glass surface. A honeycomb structure in the release liner creates air channels in the adhesive, enabling bubbles to be simply smoothed out, and guarantees problem-free, dry application without using any water. In addition to the very easy and quick application method, another plus is that the application tape can be removed as soon as the film has been applied. There's no more waiting and no cleaning is required after application, which means user save a huge amount of time. Furthermore, this cutting edge technology, allows primarily the untrained users to make professional job of applying self-adhesive films. The films are offered with a width of 1.26 m.
More information: www.ASLAN-schwarz.com

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29) Hexis launches new cast vinyl films at FESPA Digital

Hexis will show an all-new cast film combined with Hex'Press adhesive technology specially designed for full vehicle wraps. The new HX20000 combines a double-layered 80µm cast vinyl film with a solvent-based adhesive and a structured PE liner with Hex'Press technology that allows convenient air egress during application. It is particularly recommended for long-term outdoor applications and for vehicle full wraps. Also on show will be the enhanced HX100WG2, a 50µm cast vinyl film with a grey structured adhesive compound that makes the product repositionable during application allowing easy elimination of creases and air bubbles. The HX100WG1 is for solvent and eco-solvent inkjet printers and features an embossed PE liner and an extremely conformable vinyl formulation that makes it the first choice for printed vehicle wraps.

FESPA Digital: Hall 1, booth G140

More information: www.hexisgroup.com

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30) Starflex: Starflex Phthalate free PVC Banners now available

Known as the manufacturer of supreme quality banners, Starflex is now launching a full range of Phthalate free PVC Banner. According to the European legislation on REACH, Phthalate, most commonly used plasticizer in the PVC industry, is listed as Substances of Very High Concern (SVHC) which the industry needs to notify European Chemicals Agency (ECHA) before 1 June, 2011 and apply for the authorization. Starflex is ready to produce the entire existent product range in Phthalate free under the name of Starflex Phthalate Free. All the downstream users of Starflex can buy and sell their PVC banner with no worry on harmful substance for human, with no worry on authorization procedure to ECHA. **FESPA Digital: Hall 1, booth F158**

More information: www.star-flex.com

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31) Georg+Otto Friedrich: New opaque Block-out material

The already known Block-Out material 6659KMx2 got a further development and is now available in a new version which allows direct printing with sublimation inks. The blocking layer of this material avoid the colour break through on the other material side, so that user can print on both material sides with direct or transfer printing method with sublimation inks. The new material, which is available with textile structure (7137BHx2) and also with shiny surface (6659BHx2) can be used for high quality banner applications. The textile structure material (7137BHx2) will be on show at **FESPA Digital at the booth of Monti Antonio (hall 1, booth E150)**.

More information: www.g-o-friedrich.com

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32) Printing Carpets: New Dye sublimation carpet and printable Floor vinyl

Solvent-, UV- and sublimation carpet Specialist Printing Carpets has created a new floor graphic called Floor Vinyl de LUXE. This high printed material by UV comes on rolls of 25 x 200 wide, the ink will not come off after its printed by the UV- inks. Their current customer line has seen this and printed there first rolls with an amazing result. This gives print houses the possibilities to print and give guaranty on a longer durability even with high traffic on this brand new vinyl. Printing Carpets is specialized in producing and supplying carpets and floor vinyl's for the solvent UV and sublimation market. They also introduced a brand new Dye-sub carpet called XXL. Ask for a free sample sales@printingcarpets.com.

More information: www.printingcarpets.com

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33) Neschen: Focus on CA certified digital print media and Interior Design

The Neschen AG appearance at FESPA Digital will be highlighted by the recently founded Color Alliance (CA). The close union of these internationally active RIP and print-media manufacturers has set itself the goal of achieving high production reliability in large format inkjet printing as part of a total system solution. The latest tested profiles can be called up from the ColorBase database for almost all the Neschen media round the clock via the Internet. When one colour profile is replaced by another, registered users are notified by e-mail about the update. This service, which keeps print profiles which are suitable for all commonly used printer, RIP and digital Neschen print media combinations, is available free of charge from the coating specialist at neschen.color-base.com. Another highlight of Neschen at the fair are the CA digital print media which have already been successfully launched on the market, particularly in the area of display media. Already in the product range for more than a year, Interior Design has become a real success story. Neschen digital print wallpapers, which are available in different textures and can be printed with individual motifs, can be used for a wide variety of applications, e.g. for decorating electronic markets, bakeries, fast-food chains, department stores or hotels and offices. The Neschen exhibition stand is therefore decorated with digital wallpaper which gives it an individual touch. **FESPA Digital: Hall 1, booth C50**

More information: www.neschen.com

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34) Julius Heywinkel presents its latest development: CA inkjet textiles

Color Alliance (CA) member Julius Heywinkel GmbH will give its brand new CA certified inkjet textiles centre stage on its trade fair stand. The textiles are based on a standardised coating which drastically reduces the number of colour profiles. They simplify production processes and, moreover, ensure maximum process reliability. To optimise process reliability for printing service providers, dealers, print buyers and end users working with heytex printing media in the field of large format inkjet printing, these media will henceforth be classified as "CA certified" or "CA approved". All of these inkjet textiles, which are up to five metres wide and go by the brand name heytex "digitex", feature the same standardised CA coating. The comprehensive CA concept integrates them into a workflow which takes in everything from manufacture to ready end product. This development means that colour commitment and reproducibility can be ensured anywhere in the world. In order to provide the same assurance of process reliability, the company's well-established heytex sign products now bear the "CA approved" label. This means that although these digital inkjet media feature a different coating, they can be seamlessly integrated into the CA workflow on the basis of specially adapted print profiles. **FESPA Digital: Hall 1, booth D110**

More information: www.heytex.com

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35) Natura Media Europe: New product range of wide format digital media

Natura Media Europe is presenting a comprehensive range of its standard and new product range at FESPA Digital. Natura Media's standard ranges cover media for Waterbased, Dye and Pigmented inks. The newer ranges, for which Natura Media already built itself an excellent name-value in Japan and USA, cover the Waterbased inkjet Micro-Porous coated glossy media dedicated to the new generation of pigmented inks and the very wide range of super dry solvent and ECO solvent inkjet media. Natura Media Europe S.A. is established end November 2008 in Mons, Belgium, as a wholly owned subsidiary of Natura Media Inc., South Korea. Natura Media is a developer of advanced materials corresponding to customers' various demands for wide format inkjet media, and has achieved prominent performances in Digital Printing Media and Coating Materials through continuous investment in R&D. **FESPA Digital: Hall 7, booth M60**

More information: www.naturamedia.co.kr

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36) SEAL Graphics: AquaSEAL 610 Heavy Duty

SEAL Graphics has announced the availability of AquaSEAL 610, a water-based Gloss liquid laminate specially developed to meet the demands of eco-solvent and UV-ink printed graphics. The AS 610 solution provides a durable coating that enhances and protects both indoor and outdoor displays produced on a variety of substrates. The single component formulation offers protection against abrasion, UV, water and chemical damage for up to five years. As such, it is considered to be ideal for a range of applications including fleet graphics, truck-side curtains, outdoor signage, vinyl banners, billboards and backlit displays that are all subject to harsh environmental and physical conditions. In addition to eco-solvent and UV-curable inks, AS610 is also suitable for use with full solvent and some dye-based inks. **FESPA Digital: Hall 1, booth C60**

More information: www.sealgraphics.com

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37) Drytac on display with the 'Green' product range

At this year's FESPA Digital, Drytac will be proudly displaying their 'Green' product range, including the Eco-Friendly bamboo retractable Panda Stand and Panda L-Stand. The units are made from 90% renewable resources with a low impact agro-forestry product that offers a natural choice to the increasing "green orientation" of business. FESPA visitors will be able to get a firsthand look at Drytac's new generation of Liquid Coating Systems, including the launch of their new wide-format liquid laminator, the XL80. Drytac's liquid laminators provide a finishing solution for virtually any printing application in the wide format, fine art/giclée, fleet marking, banner, on-demand printing or photography markets. These liquid coaters produce virtually no waste and therefore have less impact on the environment than traditional finishing solutions. The brand new DES-4 Foam edging system will also be being launched at the show. This innovative machine eliminates the need to keep large stock of different color boards, as it facilitates application of Drytac PVC and ABS edging on boards in a variety of colors, including red, blue, black and chrome. Also featuring this year, are Drytac's environmentally aware range of overlaminating films. **FESPA Digital: Hall 4, booth J30**

More information: www.drytac.co.uk

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38) Spandex: Display and fixing products from Kunstdünger

Spandex has extended its comprehensive sign systems and display offering to include the high-quality fixings, fastenings and display products from Italian manufacturer Kunstdünger. Spandex is set to offer six of Kunstdünger's smart, Italian-designed product ranges, which include wall and ceiling fittings, as well as stylish suspended cable systems. Along with a high-quality creative design, each product range delivers versatile functionality, which together combine to provide an exceptionally individual look to finished signs and displays. Spandex's new Kunstdünger ranges comprise: Fisso wall mounted fixings and stand offs; Fisso ceiling and panel fixings; two Fly suspended cable systems; the Monsterframe banner tensioning system; the Pressto rigid panel display system; and the Bannerblock suspended banner display system.

More information: www.spandex.com

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39) EasySIGN and Mutoh: Workflow for sticker production

EasySIGN B.V. based in Hapert, The Netherlands and Mutoh Europe N.V. based in Oostende, Belgium, have developed a smooth cut-through feature for the SC-PRO cutting plotter. Stickers can now be removed from the vinyl, immediately after they have been cut. The sticker production will be geared up immediately. The process is as follows, the vinyl will be cut twice. Initially the plotter cuts the stickers. Afterwards the knife force of the plotter will be raised automatically and the vinyl will be cut for the second time. During this second cutting session, the vinyl will also be cut through the backing paper. Small bridges, included within the cutting contour lines, will prevent the stickers to get separated from the vinyl. When the cutting job is completed the stickers can be taken out of the vinyl instantly. Manual production tools, e.g. a pair of scissors, will no longer be needed. The workflow is integrated within the EasySIGN Power Pack Mutoh edition. This version of the EasySIGN software contains the entire print & cut workflow for sticker production. The EasySIGN Power Pack Mutoh edition is provided within the box together with every SC-PRO cutting plotter.

More information: www.easysign.com and www.mutoh.be

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40) Gandinnovations: Jeti Fleet was the spotlight at ISA

Significant sales totaling close to 75 printers preserves Gandinnovations position as a industry leader and declares it as the company to watch for new technology, the company reports. "Sales orders are still coming in, we may have 100 sales contracts signed by next week!" exclaims James Gandy, President of Technology and Engineering for Gandinnovations. "We celebrated our 2,000th printer at the show and demonstrated the top performers in our fleet and I'm not kidding we may reach the 3,000 mark by the next ISA show." Months before the actual show, rumors flew wildly of exhibitors dropping out of the show due to the current recession, though many prevailed with record sales due to pushing forward with not only their company in mind, but the economic concerns of their customers. The company's newest models, the Jeti 3324; the Aquajet, Jeti 3348 JetSpeed; and the 1224 Nanojet2, all performed efficiently, environmentally sound and nonstop for the exhibition floor. **FESPA Digital: Hall 1, booth A40**

More information: www.gandinnovations.com

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41) 3M: Graphic films and overlaminates with Performance Guarantee

The Commercial Graphics Division of diversified technology company 3M has introduced a new warranty service for its graphic films and overlaminates to meet the high quality standards of the European image graphics market. Performance Guarantee adds value for graphics converters by assuring quality, durability and longevity of 3M media used in combination with the printer manufacturers' original inks. It is available for a wide range of piezo print platforms for varying interior, exterior large-format digital print applications, including fleet signage. As a result of comprehensive testing, approved 3M films and overlaminates are guaranteed to be free of media induced artifacts that can cause misprints and are guaranteed to adhere to recommended substrates. The typical qualification process of printers and inks with 3M films and overlaminates takes four to five months but varies according to the material combinations and applications as detailed on 3M's web site. To qualify for the Performance Guarantee, the graphics must be installed according to 3M recommendations. The warranty service covers the replacement cost of 3M materials only and does not cover image fade, cracking, peeling or any other performance issues.



More information: www.3m.co.uk/performanceguarantee or www.3M.eu/graphicsolutions

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42) Color Alliance radically develops its position

The Color Alliance (CA) announces some renowned additions just in time for FESPA Digital. Alongside Neschen AG and Julius Heywinkel GmbH, the newly formed cooperative group now also includes printing media manufacturer Mitsubishi International, Bamberger Kaliko and wallpaper manufacturer Erfurt & Sohn. Software manufacturer Colorgate is also on board. In line with expectations the Color Alliance has been reinforced and thus develops its international position on the market. The five internationally active printing media manufacturers and the software manufacturer have united under the roof of the Color Alliance to guarantee the standardization of printing results in the area of large format (LXXL) inkjet printing. **The Color Alliance presents its CA solutions at FESPA Digital on the stands of CA partners Heywinkel (Hall 1, Stand D110) and Neschen (Hall 1, Stand C50)**, where visitors will be able to learn more about the CA workflow and products as well as the members of the Color Alliance.



More information: www.color-alliance.com

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43) ColorGATE: EDP Award 2009 as Best RIP solution for wide format

PRODUCTIONSERVER5, the ColorGATE digital printing solution, was selected by the European Digital Press Association (EDP) as the best software for "RIP solutions for wide format". After receiving this outstanding honor, the ColorGATE flagship is now immediately authorized to bear the coveted EPD Award logo as the "BEST RIP SOLUTION FOR WIDE FORMAT OF THE YEAR 2009". The EDP Awards honor the best and most innovative digital press products of the past twelve months that outdo the competition in terms of innovation, quality, value for money and user friendliness. Flexibility, reliability and speed in production still stand for perfection in digital printing and press services today. According to these standards, ColorGATE technology now offers the universal PRODUCTIONSERVER, already in its fifth generation, providing cross-system RIP software for every type of digital printing application (LFP – Large Format Printing, screen printing film creation, proofing, photo and fine art, professional processing, including cutting).

More information: www.colorgate.com

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44) IntelliCoat: MUSEO Fine art Silver Rag honored with AWARD

Museo Fine Art, the preeminent brand of digital fine art media from IntelliCoat Technologies, announced that its Museo brand Silver Rag was honored with the "Media, 8.5-by-11 inches" category award in the 14th Annual DIMA Digital Printer Shoot-Out Awards. Judged in a controlled lighting environment by a panel of expert judges, the DIMA Digital Printer Shoot-Out Award winners were announced at PMA 2009 International Convention and Tradeshow. Museo Silver Rag combines a first-of-its-kind coating with a long lasting 100% cotton, acid free furnish that enables photographic artists to print and preserve work in an unmatched way. In a related announcement, IntelliCoat Technologies Magiclée brand Verona 250 HD received the "Media, Matte Only" category award in the DIMA Digital Printer Shoot-Out Awards.

FESPA Digital: Hall 1, booth B141

More information: www.MuseoFineArt.com and www.magicinkjet.com

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45) ASLAN with new subsidiary in France

ASLAN, Schwarz GmbH & Co. KG has taken a share in the French sales company KSM Sarl from 1 of January 2009. Hence the French market can be served more intensely. Due to this local presence ASLAN is intending to raise its market share significantly. As a subsidiary of ASLAN, KSM offers the wide ASLAN product range of self-adhesive films "made in Germany" to the French specialized trade. In addition to various kinds of coloured films, stencil films, glass decoration films, digital printing and laminating films the range includes ASLAN specials such as the coloured metal-effect films, the glass decoration films with new Dryapply-technology, illuminating films and many others. Additional information concerning ASLAN and its wide range of products and services can be found on their webpage.

More information: www.ASLAN-schwarz.com

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46) FESPA: Results from FESPA world wide survey now available

FESPA has completed its first World Wide Survey, a research initiative among the global digital wide format print community. The web-based research was conducted in partnership with InfoTrends, a leading graphic arts industry research and consulting firm, and gathered data from over 340 respondents in more than 50 countries. This survey significantly increases the scope and territorial reach of the research compared to FESPA's previous Wide Survey, conducted in 2007 and provides insight on market changes. Some highlights of the World Wide Survey include the following: The worldwide market for printed graphics is worth more than Euros 58 billion. Optimism remains high, with printers scoring an average 7.5 out of a possible 10 on their optimism for the future of their business. This is in line with the previous Survey's findings, indicating that printers are planning proactively for long-term recovery. Quality still dominates the list of customer demands at 49%, followed by price (24%), turnaround (12%) and new ideas (10%). Members of FESPA's national associations are entitled to receive a copy of the World Wide Survey findings free of charge. The data is available to non-member companies and industry suppliers for a fee and can be obtained from FESPA. The survey findings are available in English only. For printers interested in discussing the key findings from the World Wide Survey, FESPA's Marcus Timson will present these findings in a Question & Answer session at FESPA Digital 2009. The session is at 12.30 on Thursday 14th May in the Digital Revolution Theatre. For more information about FESPA's World Wide Survey or to obtain a copy, please contact Mandy Goldfinch at mandy.goldfinch@fespa.com

More information: www.fespa.com

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