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MAY/JUNE 2018 ISSUE 178 £2.50

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### CONTENTS

5	Welcome page	H 16501 LE
6	Product news and updates	Now Av
24	<b>Digital printers feature</b> Diversifying with wide format and UV technology	
32	Product choice Who is using what and why?	
42	<b>Digital signage feature</b> How its versatility impacts on all areas of life	
52	Project news Sign and graphic showcase	
56	Industry comment Are trade shows still worth the investment?	
58	<b>Sign news</b> Business and enterprise, events and people in the industry	
70	<b>Classifieds</b> Job vacancies Businesses and equipment for sale Other advertising	
79	Buyers Guide	130
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Graphic Design - <b>Tony Hinchliffe</b>		Perfect for perspex
	ts - <b>Linda Hinchliffe</b> Tel: 01784 605 601 da@signupdate.co.uk	Production capa
Publishe	er - Roger HinchliffeTel: 01784 605 601	• High resolu

email: roger@signupdate.co.uk

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# WELCOME Page

### Keeping the shops open

Another successful show for Sign & Digital is over - and my first opportunity to see the equipment and processes first hand. Judging by the response from visitors to the workshops I attended, these proved popular and particularly useful for anyone new to the industry like me, to learn a few of the basic of signmaking.

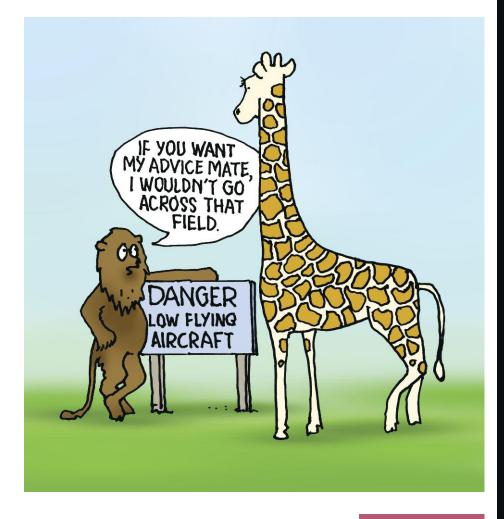
One of the hot topics that came up in conversations with people at the show and from listening to some of the presentations, was the challenge faced by retailers competing with the ongoing increase in internet purchasing, with news of stores closing on a regular basis. Retail has long been a key area for sign makers to do business so if bricks and mortar stores decline it could potentially have a knock-on effect.

However, it came across strongly that signmakers can do much to address this situation head-on by diversifying from their standard offerings and coming up with innovative solutions that make shops inviting, interactive and interesting – where shoppers enjoy an experience while being able to see and touch the products they want to buy.

In addition to these opportunities of course, are those presented by the increasing popularity of wall and floor graphics which can transform not only shops but restaurants, hotels, schools, private homes – just about anywhere people want to spend time – into attractive and vibrant surroundings.

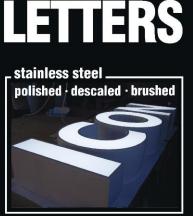
These developments are reflected in this month's special features on digital signage and printers - along with our round-up of the latest products, applications and industry news. Next month we feature wayfinding and lighting.

Sue





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# PRODUCT News

### **Antalis launches innovative Coala Textile**

Designed as a sports retail store, Antalis' stand at FESPA showcased the largeformat creative solutions that are made possible thanks to the latest digital technologies and introduced Coala Textile, an innovative selection of products for interior decoration applications.

Channel head for visual communications Chris Green commented: "The interior design industry is calling for innovative materials that help transform spaces and textiles which can really create stand out in a competitive market. "Cosy interiors and cocoon-like environments are at the forefront of the latest trends, bringing traditional tapestries back into fashion.

The Coala Textile range is customisable and printable in any format, allowing it to cover several different product variations that are suitable for different applications."

www.antalis.co.uk



The Coala Textile range is customisable and printable in any format

# William Smith boosts portfolio with 3M's advanced insulation window films

William Smith has once again boosted its portfolio with the addition of three advanced 3M insulation window films: Thinsulate Window Film Climate Control 40 (CC40), 3M All Seasons Amber 35 and 3M All Seasons Silver 20, which are ideal for interior application, to its ever-growing range of materials.

3M Thinsulate Window Film CC40 is an advanced solar control and insulating film, which both increases the insulation performance of windows, improving comfort during the winter and helps establish a cooler climate during summer, thanks to its heat rejection properties. The film's low light transmission boasts sun glare reduction properties and efficient UV protection.

Thinsulate Window Film CC40 joins 3M Thinsulate Window Film Climate Control 75, which provides the highest light transmission and a nearly invisible appearance, when it is critical not to change the look of a building.

3M All Seasons Series, provides an alternative, budget-friendly insulating option to the Thinsulate range.

Both metallised solar control films combine both solar control and insulating properties for great all year-round performance. The range includes both All Seasons Silver 20 and All Seasons Amber 35.

With the series' high heat rejection properties and increased insulation properties, the window films provide a multitude of benefits including energy cost savings all year round, with potential payback in less than three years.

The films can help extend the life of furnishings and protect against fading, by reducing the amount of harmful UV rays, which pass through windows.

Marketing manager of the group's building-related film division Architextural, Lindsay Appleton said: "The team is really excited to have these new materials within our portfolio. Insulating window films are a simple yet effective way to reduce glare and discomfort caused by direct sunlight, keeping you cooler in the summer and warmer in the winter, not to mention the excellent energy savings.

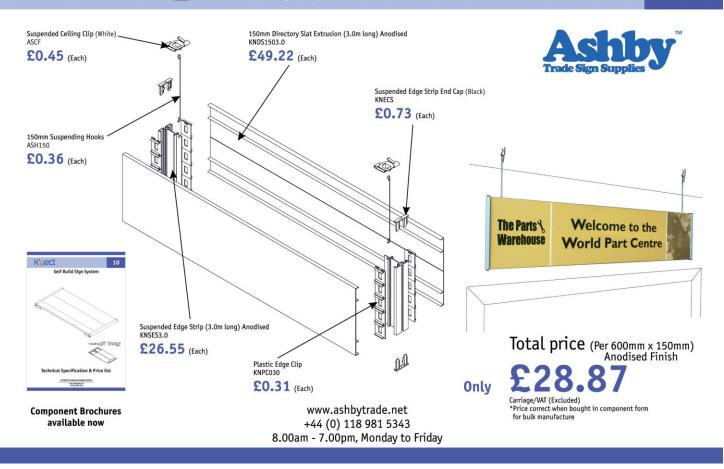
"We are dedicated to providing our customers with the best quality materials and these new additions will provide them with even more choice."

www.williamsmith.co.uk



3M Thinsulate Window Film increases the insulation performance of windows, improving comfort during the winter and helps establish a cooler climate during summer

### You can now buy Kinect Signage Systems in component form from Ashby



### Marketing support programme for PSPs

Innotech Digital has launched its online Signature Marketing Toolkit featuring a comprehensive range of online marketing assets, which PSPs can download, customise and use to advertise, demonstrate and even educate their customers on hundreds of products in the Innotech range. All marketing materials are completely unbranded and ready for PSPs to personalise and promote their own company.

Marketing manager Kieran Dallow explained: "In today's competitive climate we are continually thinking of new ideas to help our customers take positive steps towards growth. We wanted to come up with something new, a fresh approach to enable our extremely busy customers to co-operatively market our products but using their own brand.

"We are aware that most PSPs are owner-managed businesses and sometimes marketing, though important to them, is left until last simply because other jobs take priority. At Innotech we have a very experienced and skilful marketing department and we felt that this was a service we could offer out to PSP's directly that would prove extremely valuable."

Access to the Signature Marketing Toolkit is via the Innotech Digital website. Once a user logs in to their trade account, they click on the marketing support button on their dashboard and this brings them into the marketing portal. Users can filter by product category, which includes: Exhibition & Display, Digital Print Media, Point of Sale, Digital Signage and Presentation Media. Marketing tools available in each section include Product Images, Data Sheets, Product Videos, Assembly Instructions, Artwork Templates (where applicable), E-shot Templates and Catalogues.

www.innotechdigital.com



Innotech Digital's online Signature Marketing Toolkit features a comprehensive range of online marketing assets

# PRODUCT News

### Films custom matched to brand colours

Corporate colours are a critical part of your brand, reinforcing your identity, driving customer loyalty and creating a sense of trust in the market. You cannot afford to not have them recreated accurately each and every time.

Even in today's world of technology, creating pure, consistent brand colours in print can pose a challenge even to the best of printers. Limited CMYK digital print gamut, file exchanges across multiple locations and a seemingly unlimited number of print devices, means you constantly have to spend time and money checking and rejecting branded materials that don't match the accuracy your brand deserves.

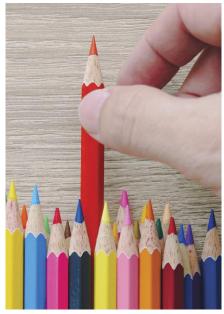
TrueMatch Custom Coloured Films by Kernow offer a hassle-free, no worries, accurate-every-time range of custom coloured print media. Ensure your corporate colours are perfect every time no matter who, where or how your materials are printed. Using state-of-the-art technology and a highly experienced team of colour creation experts, Truematch delivers printable base films custom matched to your brand colours. Simply load, print and deliver consistency.

With TrueMatch every delivery of customcoloured materials is guaranteed to match, creating bright, vibrant signage and graphics impossible to produce with CMYK printing alone.

TrueMatch for spot-on colour every time is said to be the perfect solution for retail, events, travel and leisure and automotive applications, producing outstanding results for in-store and exterior banners, signage, window graphics and labels.

This ultra-durable and incredibly easy range of synthetic media will produce vibrant consistent colours that digital colours simply can't hit.

www.kernowcoatings.com



TrueMatch Custom Coloured Films by Kernow offer a hassle-free, no worries, accurate-every-time range of custom coloured print media

# Vision banner range displays brand message with style



The range caters for desktop presentation with the new Stellar and comes with a lifetime hardware warranty

Ultima Displays launched its new 'Vision' banner range, a modern, sleek and elegantly designed range of display solutions at Sign & Digital in April. Offering a solution for all needs and budgets, the range is designed to display any brand message with both style and impact for the portable display market.

The exclusive range is made from recycled plastic and high precision moulded polymers with a high shine white gloss, making it highly distinct from traditional aluminium. The range covers all extremities of the market from the budget conscious Element to the sleek, curvaceous Revolution which is ideal for the premium brand conscious consumer.

Revolution was the first banner in the Vision series to be introduced and features a stylish stand with a streamlined design, which creates an illusion that the base is floating off the ground. Its counterpart, the Element banner, is the second in the Vision series and offers a modern, sleek design. The range caters for desktop presentation with the new Stellar and comes with a lifetime hardware warranty. We've specifically designed and engineered this cutting-edge banner range to offer an elegant and original way for brands to communicate their messaging

"The streamlined styling sets the 'Vision' range apart from anything else on the market, giving Ultima Displays' trade partners the edge on their competitors," said managing director Osvaldo Gallio. "We are committed to continuous product development and our experience and knowledge is demonstrated through continuous creation of new and innovative products that compete not only on design but on price. We've specifically designed and engineered this cutting-edge banner range to offer an elegant and original way for brands to communicate their messaging."

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# William Smith offers additions to its exclusive VION range

Due to increased popularity, the VION Monomeric Calendered Digital Printing Film range has expanded for the second time, following the addition of VION VP3900-12HT last month, with VP3000-02 VF, which offers an innovative adhesive option, V-Flow.

The new 3-year durability film features a V-Flow air release adhesive, which is ideal for delivering fast, bubble-free applications while the 80-micron film has a high-quality 140gsm double-sided PE-coated liner, which gives excellent stability during printing and handling.

William Smith predicts the new adhesive option on the VP3000 Series will be in high demand, following the popularity of V-Flow on the 5-year digital print film. The introduction of the V-Flow adhesive option on VION's 3-year Monomeric Calendered Digital Printing Film has been in high demand by our customers for some time and we're thrilled to be able to once again, expand our offering and provide them with more options

Ideal for flat and slightly curved surfaces, the VP3000 Series' films are suitable for Solvent, Eco-Solvent UV and Latex print systems.

The increasingly popular series offers the firm's customers a vast array of options, which provide great flexibility including white or transparent with gloss or matt finish, grey or clear permanent, removable, V-Flow or high tack adhesive.

Head of marketing Chris Bradley said: "The introduction of the V-Flow adhesive option on VION's 3-year Monomeric Calendered Digital Printing Film has been in high demand by our customers for some time and we're thrilled to be able to once again, expand our offering and provide them with more options."

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The new 3-year durability film features a V-Flow air release adhesive, which is ideal for delivering fast, bubble-free applications



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### CSL Digital introduces DURAUV ink technology for Roland printers

CSL Digital has announced the availability of the DURAUV 1600 – a new UV LED inkjet printer based on the popular Roland VersaART RF-640 platform.

According to CSL, its launch of the DURAUV 1600 printer is the culmination of almost two years of research, development and field trials with 'beta site' customers.

Technical director Justin Atkinson explained: "The main advantages of UV inks are well documented. UV ink technology offers instant curing and good durability whereas other ink formulations can require additional time for drying and/or outgassing. As no heat is involved in the UV curing process, the integrity of the roll media remains unaffected. This means that the DURAUV 1600 will offer owners the potential to print on a much wider range of materials including the many specialist films and display fabrics unsuited to the high heat drying systems associated with latex and solvent inkjet printers."

Initially, the DURAUV 1600 will be available in the standard 2 x 4 colour CMYK configuration with mirrored print heads (CMYKKYMC) that make this printer a formidable production workhorse for any sign and print business. It will ship with the easy to use Roland VersaWorks Dual RIP included in the package.

Managing director Nick Wintle commented: "The DURAUV 1600 delivers dry and durable print that's ready to ship, apply or laminate the second it leaves the printer with immediate cost savings. DURAUV inks deliver more metres per litre than solvent or latex ink technologies and using low energy UV light not power hungry heaters to cure the inks means that day to day running costs are much lower than other printers in the same class." As no heat is involved in the UV curing process, the integrity of the new roll media remains unaffected

The DURAUV 1600 printer is available now and can be purchased with a dedicated contour cutter if required.

www.csl-digital.com



The DURAUV 1600 will offer owners the potential to print on a much wider range of materials



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DURAUV print technology delivers DRY and DURABLE print that's ready to APPLY or LAMINATE the second it leaves the printer. **CURED** INKS

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WWW.CSL-DIGITAL.COM

# Air-cooled UV curing light supports UV ink printing

Kyocera Corporation has developed an air-cooled UV-LED curing light that is ideal for use in industrial ultraviolet (UV) ink applications including billboard printing, as well as UV-cured coating and adhesive processes.

Kyocera's proprietary technology results in one of the highest UV intensity (24W/cm2) among air-cooled curing lights for UV printing. This product sets a new industry standard by offering the highest performance in a package that is said to be the world's lightest and smallest at about half the size of a conventional aircooled UV curing light offering high UV intensity (16W/cm2).

The G5A Series incorporates Kyocera's proprietary ceramic substrate with excellent heat conductivity in a heat-radiating modular design, which allows LED elements to be mounted at an exceptionally high density.

Since it employs an integrated air-cooling system that eliminates the need for supplemental liquid cooling equipment, it can help reduce total equipment costs while saving space. Furthermore, its scalable structure allows users to adjust irradiation width, enabling full design optimisation to suit a wide range of applications and printing media.

Demand for high speed UV printing is rising especially among wide-format inkjet billboard-printing, coating and adhesive applications. Design requirements increasingly specify an air-cooled UV light with high output for higher productivity.



The G5A Series requires less space and is the industry's most lightweight system as it employs its own air-cooling technology with no additional equipment

Kyocera's G5A system can achieve 350mJ/cm2 (50m/min) of accumulated light, thus enabling high speed curing.

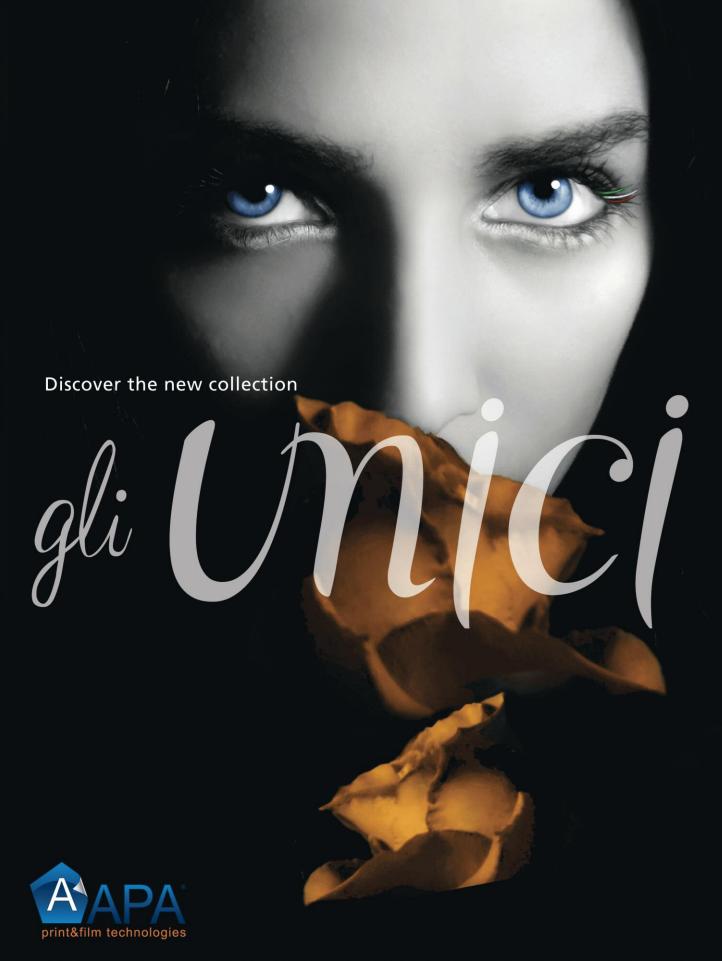
The G5A Series requires less space and is the industry's most lightweight system as it employs its own air-cooling technology with no additional equipment. Accordingly, the air-cooled UV-LED curing light reduces initial equipment investment costs. The world's smallest size (80.3×88.0×150.5 mm) and lightest weight (950g) contribute to space savings for the overall system. A monitoring system allows users to track irradiation conditions including LED temperature and current, fan operating time and accumulated irradiation time, via serial communications; it notifies the user when it's time to replace filters or if abnormalities are detected, ensuring stable operation and optimal performance.

www.kyocera.co.uk



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www.apaspa.com

# Mutoh launches 64"- wide UV LED roll-to-roll printer

Mutoh Europe premièred a new addition to its growing range of UV LED wide format print solutions at FESPA.

Engineered and manufactured at Mutoh in Japan, the ValueJet 1638UR (VJ-1638UR) is an addition to Mutoh's existing ValueJet 1638UH hybrid UV LED printer which last year was recognised as "best flatbed/hybrid printer up to 20 m2/h" by the European Digital Press Association (EDP).

The ValueJet 1638UR is a 64" (162cm) wide dual head, dual lamp UV LED roll-toroll printer specifically developed for the commercial print and sign and display All kinds of non-white substrates can be printed including transparent, coloured or black media, fluorescent paper, metallic, mirror film, etc

Our clear inks offer the possibility to create multi-layer prints and spot varnish effects

markets. The printer uses Mutoh's US11 UV LED CMYK, White and Clear 0% VOC inks, available in 220ml cassettes and 800ml bags (500ml for white), which enable printing on the widest range of roll substrates.

The VJ-1638UR will create instant dry output, ready for application or posttreatment. High added value can be created thanks to the use of white and clear inks enabling printing on transparent media and non-white substrates, multilayer printing and spot varnish effects. The printer integrates two latest generation piezo drop on demand print heads producing print resolutions up to 1440 x 1440dpi; media roll weights up to 100kg can be handled by the machine.

The 1638UR is suitable for the production of high quality graphics for applications including in-store promotion prints and deco graphics; floor and window graphics; general signage; customised wallpapers; event banners and exhibition graphics; backlit prints; fine art prints and packaging samples. "We have seen a considerable increase of sales of our UV LED printers during the past year," said managing director Kenji Yasuhara. "The new ValueJet 1638UR will offer both installed-base (eco)solvent users as well as (offset/screen) printers an opportunity to expand their current product offering towards specialty applications and prints with high added value.

"The VJ-1638UR will enable short-run printing on the widest range of substrates on the market. Users will be able to process all typical sign and display substrates and thin film substrates that may be too heat-sensitive for water-based resin or solvent printers.

All kinds of non-white substrates can be printed such as transparent, coloured or black media, fluorescent paper, metallic, mirror film, etc. Our clear inks offer the possibility to create multi-layer prints and spot varnish effects. Actually, the only limit is the creativity of the users themselves".

www.mutoh.eu



The VJ-1638UR will create instant dry output, ready for application or post-treatment

### Roland DG presents ultimate quality and versatility in UV printing

Roland DG presented graphics specialists with the "ultimate choice in quality and versatility in UV printing" with its VersaUV S-Series range of flatbed and belt UV-LED printers. Comprising seven models, the VersaUV S-Series is available in a range of configurations and sizes to suit production environments and requirements of all types. This versatile and innovative range of flatbeds and belts prints stunning quality graphics, photographic images, textures and embossed effects onto virtually any substrate or object, rigid or flexible, up to 200 mm in height.

Head of business development and product management EMEA Paul Willems explained: "The VersaUV S-Series represents true choice and flexibility to fit into any workflow - ideal as a next step for existing users of benchtop UV printers, businesses with ambition looking to enter the world of UV printing or those with more 'industrial' scale requirements.



Comprising seven models, the VersaUV S-Series is available in a range of configurations and sizes to suit production environments and requirements of all types.

"Whether users are looking for a robust flatbed to direct print onto rigid substrates and objects or the option to print flexible, roll-to-roll or rigid materials and items with a belt system, the versatility of configurations means that there is a new VersaUV S-Series for everyone."

www.rolanddg.eu

### **Innotech Digital adds to PVC-free media**

In line with their mission to reduce their impact on the environment, Innotech Digital has increased its range of PVC-free wide and super wide format media.

The range was launched just over a year ago with the introduction of the Envirotech 260 and 300gsm FR B1 PVC-free banner materials. Manufactured to their own specifications, sales of the Envirotech range has grown steadily as the demand grew for a more environmentally friendly alternative banner material and in particular for the wide and super wide market in 3.2m and 5m rolls.

"We specialise in stocking wide and super wide rolls of media," said marketing manager Kieran Dallow. "When we found our customers asking us for a PVC-free banner that was stable and reliable, we set about making a product that would meet these requirements."

With the success of the first two products, the range has swiftly grown and now

encompasses PVC woven banner material suitable for UV, solvent and latex printers as well as the recently launched PVC Décor and Exhibition & Display range, Vertex Texure.

Products include a heavy-duty mesh banner for fence, scaffolding or stadium banners and coated polyesters in greyback, white-back and blue-back, suitable for wall coverings and roll-up banners due to their superb stay-flat properties. A PVCfree coated polyester FR B1 350gm media is designed for more demanding applications and is ideal for canvas frames.

"As demand increases and printer and ink head manufacturers commit to developing more environmentally friendly printers, the demands for PVC-Free and recyclable materials will grow," continued Kieran. "It can no longer be perceived as a high-brow request; the environmental impact of sign and display is fast becoming an essential factor to buyers, specifiers and users. We have a corporate social responsibility to



The Envirotech range now encompasses PVC woven banner material suitable for UV, solvent and latex printers

take a pro-active role in reducing our carbon footprint and providing products that enable our customers to do the same."

www.innotechdigital.com

# Versatile wallcovering puts customer in control

Drytac showcased innovative additions to its key product lines at FESPA. New products included the company's ColorCapture range of wallcovering products designed to allow customers to create the wall décor media to best suit their specific requirements. ColorCapture matches the ideal adhesive solution with various textured wallcoverings to create a solution for virtually any application.

Global product manager Shaun Holdom explained: "This is revolutionary thinking from Drytac. Our manufacturing expertise



and flexibility allows us to put the customer very much in control by offering an unrivalled choice of media in exactly the configuration they need for the job. Any combination of these elements can be selected to deliver a customised solution to meet a specific requirement. Customers have never had such a broad and flexible choice from one range."

Further new products on show included an addition to the SpotOn family. SpotOn PET printable 75µ polyester film is suitable for all UV printers and incorporates Drytac's SpotOn adhesive technology, which enables the easy application and clean removal of window graphics.

In addition, Drytac launched Polar Burst, an ultra-reflective 95µ PVC film designed to deliver eye-catching graphics. This PVC film is designed for high-end signage and retail applications and has a removable adhesive on the back, leaving no residue.

Drytac supported many of the major machine vendors by donating a variety of its leading media products for live printing demonstrations. Additionally, its SpotOn Floor 200 was used for the floor graphics throughout the show venue and its printable, repositionable and removable ReTac 150 film with ultra-removable adhesive, for graphics on its information booths.

www.drytac.com

# Single flute router for aluminium composite materials

Industrial Tooling Corporation (ITC) introduced a host of new products at Sign & Digital including the latest 2018 edition of its Folio catalogue, an extended line of blades for digital cutting tables and new routing tools for machining challenging aluminium composite materials (ACM).

The new 1001 Series that made its debut is a single flute router manufactured from an-ultra wear resistant micro-grain carbide, making it ideal for machining Di-bond and other aluminium composite materials. The 1001 Series is a balanced tool for use on high frequency spindles that are commonplace on modern digital cutting tables. The new Folio catalogue incorporates a comprehensive range of tools from solid carbide routing tools through to engraving, folding, edge rounding and radius tools, carving tools, knife blades, taps, drills, rotation blades and a complete line of special tools that can all be manufactured in the UK.

An innovative line of knife and blade tools has been extended with new cutting geometries added for the efficient cutting of vinyl, corrugated board, foam board and other materials. ITC offers a remarkable extensive portfolio of blades and knife tools and a comprehensive re-sharpening and re-grind service for end users.



An innovative line of knife and blade tools has been extended with new cutting geometries added for the efficient cutting of vinyl, corrugated board, foam-board and other materials

www.itc-ltd.co.uk

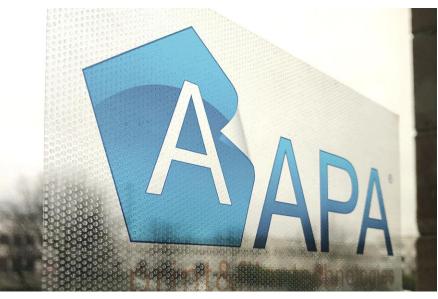
### New generation films with dotty adhesive

APA is adding two new products to its range: AP/DF20 (white matt) and AP/DF91 (glossy transparent), enhancing its broad selection of digital print films.

The films feature the innovative dotty Deco Fast adhesive, which facilitates film repositioning during the application stage and favours immediate air ejection through its dots.

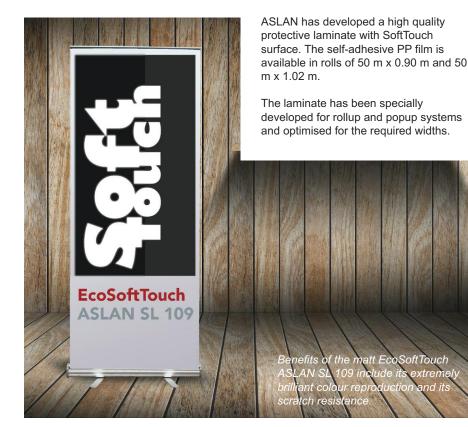
The removal process is equally simple and clean. The film is easily printable with Solvent, Eco-solvent and Latex inks, yielding well-defined and bright colours.

www.apaspa.com



APA's new films feature the innovative dotty Deco Fast adhesive, which facilitates film repositioning during the application.

### Matt protective laminate features bright colours and scratch resistance



The benefits of the matt EcoSoftTouch ASLAN SL 109 include its extremely brilliant colour reproduction of a printed product after finishing, as well as its scratch resistance. Its velvety touch results in a true look and feel product. Whereas with today's applications, matt protective laminates tend to swallow up a part of the colour gamut, EcoSoftTouch ASLAN SL 109 has the opposite effect. Colours appear brighter and shinier following treatment with this product.

Naturally, the self-adhesive protective laminate can be used for applications other than displays. This environmentally friendly PP product can be used wherever colours should appear bright despite being treated with a matt laminate. This enables laminations of interiors as well as the creation of dummy packages.

The self-adhesive PP film has been designed for indoor use and is ideal for all protective applications of standard digital printing processes using solvent, ecosolvent, latex and water-based inks.

www.ASLAN-Schwarz.com

extremel

# Cygnus Excellent display board offers outstanding flatness

Swanline Paper & Board (SPB) has launched a new 100% fibre-based display board with strong eco-credentials for indoor retail signage and point-of-sale displays to rival plastic alternatives.

Cygnus Excellent display board has been designed to be durable and robust yet is fully recyclable and FSC certified.

It is a category leading product that delivers multiple benefits for our customers and the planet

Managing director Ross Griffin said: "The market is demanding eco-friendly solutions for display and signage requirements. The challenge for us has been to develop a board that considers the environment while competing with plastic in terms of its rigidity and strength, aesthetics and performance. We believe that Cygnus Excellent addresses all those needs and more."

Challenging the foam PVC, styrene and foam boards markets, Cygnus Excellent display board offers outstanding flatness it will not curl or crease for the lifespan of the product - and a smooth white surface for superior printability; it is suitable for direct print in offset, screen and UV flatbed digital printing techniques.



In addition, SPB claims it delivers 50% greater rigidity compared to leading European-made foam PVC. This added strength means the fibreboard will not crack or shatter during cutting, which can happen with some plastic substrates. Furthermore, transportation and storage costs can be reduced by up to a third as less material is required to achieve the equivalent level of rigidity delivered by low-density foam PVC.

"Cygnus Excellent display board is the environmentally aware solution for a wide range of indoor signage, free standing display units, point of sale and retail displays," explained Ross. "It is a category leading product that delivers multiple benefits for our customers and the planet."

www.swanline-pb.co.uk



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## The all new Ecolux Mini

The best things are always simple, and our latest LED sign light is jam-packed full of new ideas and innovative design.

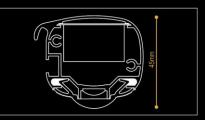




The new IP68 connector is concealed within a new cast aluminium chamber and sits comfortably in a step grommet allowing cables to freely pass through for easy installation of longer runs.



The clip fix uses a clever and unique spring clip fixing captive in the channel at the rear of the sign light. The clip slides and springs over a retaining nipple on the bracket fixing.



The new sleek and stylish 45mm casing is the slimmest available in the UK with integral drivers.



• Smart new cast end caps with rear entry cable glands, tidy and conceal unsightly cables from view.



Behind Ecolux Mini's 90° magnifying lens, the superb 1650 lumen 14.4W per metre LEDs deliver a punch to sign fascias and an unrivalled performance of even illumination.



**The new Multi Bracket** is double slotted allowing the fitter to orientate the back plate fixing position from horizontal to vertical in an instant.

### The evolution of LED sign lighting has arrived.







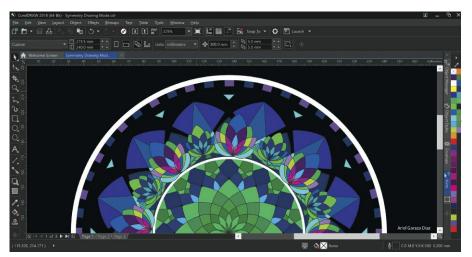
# PRODUCT News

# CoreIDRAW Graphics Suite update allows faster delivery of high quality results

The latest version of Introducing CoreIDRAW® Graphics Suite 2018 includes powerful features and updates to help graphics professionals transform their creative ideas into professional, visually stunning designs. With a focus on user feedback and top requests, the suite unveils new design and photo-editing capabilities together with extensive workflow enhancements, making it faster than ever to deliver exceptional outputs, from large format prints to online graphics and everything in between.

> All controls are easily accessible on screen or on the property bar for perfect results in seconds

"No matter your industry or background, everyone working with graphics has the same essential wish list: design without boundaries, deliver a final product that will make an impact and of course, on deadline," explained senior director of products, CoreIDRAW and productivity, John Falsetto when he demonstrated the new features to Sign Update at SDUK in April.



The new Symmetry mode enables you to experiment and draw spectacular images in minutes

"For our 2018 version we worked closely with the CoreIDRAW community to find this ideal balance of possibility and practicality. The new Symmetry mode enables you to experiment and draw spectacular images in minutes; while a simpler and smarter approach to design fundamentals, like working with nodes and images, ensures every project is completed on time and on budget. The end result is a powerful suite that supports your workflow from inspiration to flawless output."

A range of symmetrical designs can be created, from simple drawings to stunning mandalas and impressive kaleidoscopic effects, in real time while highly complex graphics can be designed with a tool that



Add Perspective is useful for making mock-ups and proposals to showcase your artwork in real world scenarios

automates what could typically be a prohibitively time-consuming workflow.

Add Perspective effect enables the illusion of distance and depth to be created by applying perspective to bitmaps, vector objects or both directly in the drawing window; useful for making mock-ups and proposals to showcase your artwork in real-world scenarios.

Impact tool, Pointillizer can be used to effortlessly add movement or focus to an element in a drawing or make high quality vector mosaics from vector and bitmap objects; while PhotoCocktail allows the design of stunning photo collages. In addition, the Block Shadow tool allows solid vector shadows to be added to objects and text that can dramatically reduce the time it takes to prepare a file for output. Align nodes using the bounding box of a selection, the page edge or centre, the closest grid line or a specified point and easily add equal spacing between nodes horizontally or vertically.

CoreIDRAW 2018 offers a variety of updates to boost productivity including: customised curve previews; updated vector previews; redesigned fill and transparency pickers; and new Toggle snapping to make everyday tasks faster than ever. Straighten photos interactively: rotate crooked images interactively. All controls are easily accessible on screen or on the property bar for perfect results in seconds.

www.coreldraw.com





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ROLE Hardware Development Manager

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-

Submit your hardware challenge antalis.co.uk/challenge1













### DIGITAL PRINTERS Feature

### **Digital puts the zing into signage**



Epson UK sales manager Phil McMullin.

Wide format digital inkjet production is a fast and cost-effective printing option and increasingly versatile in the applications and designs it can handle. Epson UK sales manager Phil McMullin explores some of the possibilities.

A cocktail of developments continues to spur the expansion of wide format inkjet technology with print service providers attracted to technology that can enable them to do existing work more efficiently while developing new markets to grow their businesses. Improvements in print head technology, ink formulations, media and higher production speeds have combined to make this a reality.

In 2014 Smithers Pira issued a report on: *The future of signage in an electronic world to 2020.* This claims that while offset was the dominant printing process for indoor applications and screen for outdoor work, by 2020 inkjet would dominate in both areas of the global POS and signage market.

Sales of digitally printed media have exploded in the past five to 10 years. It is growing at a rate of about 7% per annum. Inkjet has created new opportunities for print service providers and the applications are really only limited by the designer's imagination. Many brands are using wide format digital inkjet technology for their marketing campaigns. At the other end of the chain, print service providers are constantly striving to produce items faster, for a lower cost without compromising on quality.

#### **Eco-solvent printers**

For the past two years Epson's SureColor SC-S Series, (the 'S' stands for signage) has been the number one model in the wide-format eco-solvent printer sector in Western Europe. It has increased its market share from 9% in 2015 to 43% in 2017, according to independent research carried out by Infosource.

The SureColor S series of printers are built for performance and profit. The SureColor SC-S80600, SC-S60600 and SC-S40600 operate with four to 10 colours (including white and metallic) and offer up to 95.3m2/hr single-pass productivity. The Precision Core TFP printheads and GS3 ink enable printers to achieve 1440 x 1440 dpi quality output if required and the variable size ink drop technology works as well on coated and uncoated stocks to give vibrant results.

Inkjet technology has evolved to enable higher productivity, using inks with a faster drying time and the ability to print onto lower grade materials. With improved ink formulations, users can still get exceptionally high quality, vibrant results. Furthermore, prints produced on low cost monomeric vinyl, look as good as those printed onto high grade cast media but produced for a fraction of the cost.

#### Shorter print runs

Signage doesn't always need to last for years. There may be some exceptions, corporate branding on a vehicle for example, but even this can be refreshed easily. Most signage applications today are regularly updated to remain topical and reflect current promotions and trends. This has been fostered by competition from digital signage products, which allow messages to be changed instantly. As a result, today there is demand for shorter order cycles for printed signs and more print overall rather than longevity.

Inkjet is versatile; it can print on to selfadhesive media, vinyl, mesh, backlit products, textiles and paper. The SureColor S series of printers can be used for applications as diverse as car and



Phil Highton with the Epson SureColour SC-S80600 which has won Motion new business

building wraps, roll-ups, pull-ups, backlit, indoor and outdoor signage. Initially ecosolvent inkjet was used more for outdoor applications but as the quality of output has improved, indoor applications are enjoying the biggest growth – and that POS expansion continues.

Epson's focus on inkjet, which is supported by a Euro 400m investment in new production facilities in Japan and other markets, has been bolstered with a further Euro 185m specifically for developing its PrecisionCore inkjet printhead technology over the next few years.

### Colour management software

Epson has built-in good colour management software so users just have to change the profile that's relevant for the media used and the printer will do the rest. There is no overlaying of colour as there would be for cut vinyl. It is simple, clean and there are no nasty chemicals involved. Epson's SureColor technology uses ecosolvent inks. Quality is paramount and this has helped secure and build its reputation in this market. In the past year Epson has seen customers switching back from latex to eco-solvent, which is making a dramatic return because of its superior chemistry and vibrant results.



The SureColor SC-S60600 operates with four to 10 colours and offers up to 95.3m2/hr single-pass productivity.

I had never seen such quality on a roll to roll machine, irrespective of whether it was printing on to paper or vinyl



The SureColour S80600: the variable size ink drop technology works as well on coated and uncoated stocks to give vibrant results

Epson has succeeded in bringing its expertise in the photographic market to bear on the signage sector.

Motion in Leicester, traded in an HP 360 Latex model for its first Epson printer, a SureColor SC-S80600.

"The accuracy is bang on, the quality is outstanding and it has not only allowed us to supply existing customers with almost photographic quality print results but it has won us new business in the backlit and stickers markets," says managing director Phil Highton.

He approached Darren Walker at Perfect Colours, a company that supplies large format print solutions, for advice when Motion was finding issues with substrate and image distortion using heat-based latex technology. Perfect Colours invited him to view the Epson SC-S80600.

"I had never seen such quality on a roll to roll machine, irrespective of whether it was printing on to paper or vinyl," says Phil. "It is an eco solvent printer so there was no stretch or distortion issue and its ability to print in nine or 10 colours and achieve 98% of the Pantone range means we achieve a depth of colour that is exceptional and has given us a stand out advantage with duratrans/backlit work and stickers as well as our core business, POS."

www.epson.co.uk

# UV technology expands the range of media possibilities

Wide format solvent printers have been around for almost 20 years and in that time we've seen the rise of UV printing, eco-solvent, latex, solvent UV and so on. As exclusive UK & Ireland distributor for Mimaki products, Hybrid Services national sales manager John de la Roche explains how the technology is helping PSPs maximise the opportunities.

The Mimaki UCJV Series brings revolutionary technology to the sign and graphics market using the very latest LED UV cure inks and offering an unparalleled range of applications from one machine and already proving very popular with sign makers, print providers and graphics houses. With Greenguard Gold ink certification and powerful yet easy to use RIP and cutting software included as standard, the UCJV provides broad reaching capabilities for producing profitable and innovative graphics.

For signmakers with restricted space available, the UCJV300-75 is the smallest member of the family, sharing the same innovative feature set as its larger siblings, this 80cm model brings incredible capabilities in a highly compact footprint. Sign & Digital UK held in April was one of the first opportunities to see the smaller Mimaki UCJV printer cutters that officially launch this month. Adding three new widths to the 1.6m model, Hybrid Services showed the UCJV300-75 on its stand. Sharing the same innovative feature set as its larger siblings, this 80cm model brings incredible capabilities in a highly compact footprint.

With an integrated print and cut workflow, the UCJV sports Greenguard certified, opaque white ink in addition to its vibrant, process colours.

> Signage applications include backlit textile graphics, decals, banners and PoS

"Of the many talents the new models share with the 1.6m version, the combination of Mimaki's creative prowess and the flexible LUS-170 inks delivers huge application options including backlit



textile graphics, decals, banners, point of sale and other signage.

### Expanded range of materials

Introduced in the final quarter of last year and soon to be available in four print widths, the Mimaki UCJV300 is a technologically superior range of printer/cutters featuring low running costs and instantly dry ink, which allows printing to a wide range of materials such as PET film and fabric. Its LED UV curing technology enables PSPs to utilise an expanded range of materials including uncoated print media and many thin film substrates that may be too heat sensitive for latex or solvent high heat fixation systems.

Solutions such as Mimaki's orange solvent ink and huge range of vinyl printing hardware and even our unique die-cutting technology make a real difference to users around the world.

The flexible LUS-170 UV inks were developed and released at the same time as the UCJV and include opaque white ink in addition to its vibrant, process colours. Combined with an integrated print and cut workflow, the powerful combination of Mimaki's creative prowess and the flexible LUS-170 inks deliver huge application options including backlit textile graphics, decals, banners, point of sale and other signage.

One of the most highly creative and innovative applications achievable with the UCJV300 is the 4-layer day/night printing offering 'one graphic - two views'. Available on the UCJV300, this process offers an enhanced print capability that allows designers to build layered, transformative graphics for backlit applications.

In addition, the Mimaki UCJV300 is capable of true double-sided window graphics. Using a semi-automated feature within the RasterLink 6 Pro software that's supplied with the machine, it can easily produce a 5-layer graphic that delivers two completely different images on the same piece of clear vinyl.

www.hybridservices.co.uk



## Introducing Fabricut's new helping hand



Known for producing high quality built up lettering, Fabricut has purchased the ALB-04 UNI 180 letter bender to assist with high demand.

With clients requiring built ups in days rather than weeks, but not wanting to compromise on quality, we can now offer our high grade, fully soldered hand finished letters and logos with up to 180mm returns within the tightest of deadlines.

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### Making your mark in digital printing

By now even the most traditional of signmakers must have, at the very least, considered purchasing a digital printer. Quality Print Services managing director Chris Bailey gives a few aspects to consider.

Whether you already have a fleet of printers churning out thousands of metres of banners, posters and other graphics or are looking for your very first digital printer, you must consider what the investment will do for your business within the tangible constraints of space and cost.

In order to help our customers make the right decision, we ask them what it is they want to do and what do they want or expect from a new printer. Do they want something in addition to what they have or are they after a replacement? Is this going to be their only printer or is it an addition to an existing fleet? The answers to these questions very much determine the best route to take.

Most people's view is that if you only have one machine, an eco-solvent digital inkjet printer provides the broadest possible range of applications and is therefore a great place to start. If they already have an eco-solvent printer and they have space, they may consider a latex or UV printer as an additional machine in order to provide more potential applications.

#### **Space considerations**

If cutting is a requirement for vinyl lettering, labels and many other applications, another consideration is whether to have an integrated print and cut machine or separate printer and cutter.

Again this comes down to space. If there is room it might make more sense to have separate printer and cutter, because while the machine is cutting, it can't be printing. This could have a major impact on revenue as well as customer responsiveness.

The other important consideration is cost. Both the initial investment in a machine and the consumables and maintenance costs going forward. Most printers come with a manufacturer's warranty that ties you into their own-branded inks. However, Reduced ink costs can make a huge difference to your profit margins in what is already a very competitive industry

at QPS we can supply most digital printers with inks from Nazdar. The quality of these inks is as good if not better than manufacturer branded inks and the cost is considerably less. This can make a huge difference to your profit margins in what is already a very competitive industry. Nazdar inks are non-aggressive and help to ensure the longevity of the printheads and other working parts, which helps to keep ongoing maintenance costs down."

www.qualityprintservices.com



If you only have one machine, an eco-solvent digital inkjet printer provides the broadest possible range of applications and is therefore a great place to start



# The key to business success: diversify your market

Sign makers know about getting their work seen. It's all about using colour, shape and contrast to make their work stand out, get noticed and do their job. Roland DG content marketing executive Paul Kerins explains how adding the right technology to that knowledge will allow you to explore lucrative and creative business opportunities.

Wide format technology has exploded in the past few decades and if sign makers aren't offering these services, their customers will go elsewhere. Many Roland DG users first invested in wide format after seeing the huge demand for printed work. After weighing up the cost of outsourcing it against the price of bringing it in-house, they have found their return on investment to be quick, almost painless - and even fun. Business owners might wonder whether they even need a new printer. It's easy to rely on familiar or 'safe' methods. What they may not realise is that a solvent or UV-LED printer can quickly become the hub of their workshop, adding value to their existing processes.

#### **Meeting fresh demands**

A retailer might order a traditionally made fascia sign plus posters for the shop windows, hanging signs, health and safety signage, price stickers, staff uniforms – the list goes on. The right wide format set-up can meet fresh demands, in-house, as they come along.

With any kind of investment business owners need to weigh up the initial cost and resources required. A lack of information can make it seem riskier than it actually is. Printers that deliver high quality output are affordable in themselves and when considered in terms of increased production speeds and workflow efficiency, the time savings add up too and the purchase soon pays for itself.

Systems with remotely managed control systems and network connectivity allow users to work on another machine or even off the premises while the printer gets on with the job. When you look at multifunctional systems such as combined printer-cutters you really get more bang for your buck. Furthermore, there is an enormous variety of substrates onto which you can print with solvent and UV-LED printers, providing even greater versatility. By bringing print jobs in-house sign makers will regain control over turnaround speeds, workflow efficiency and quality adding to their bottom line and their valued reputation. This ability to monitor quality is particularly important for corporate clients who demand accuracy in brand colours, logos and styles. Buyers should look for digital wide format printers with easy-touse software and colour libraries containing commonly used brand colours. Digital systems can achieve effects that their brand-conscious customers will demand. For example, logos with colourfades or tints are incredibly easy with digital print and merely having this capability adds value and impact, both for the customer and for the sign maker.

One of the big questions sign makers should ask is whether they can afford not to invest in more advanced print solutions. In a rapidly evolving marketplace, their competitors are also seeking new solutions and reluctance to invest can become a major risk.

#### Versatility of wide format

A key benefit to going digital is the versatility of wide format printers. There might be half a dozen sign shops in any given town offering point-of-sale and posters alongside signs but maybe only one who offers those services plus vehicle decals or promotional items. Investing in a combined printer/cutter lets sign makers produce everything from banners and vehicle wraps to labels and POP displays. However, there are no geographical boundaries. Many print providers specialise, using the internet to enable customers – corporate and consumer – to find them. Roland users include specialists in bespoke wall coverings or personalised gifts, printed in-house and shipped to customers across the UK in days or even hours. At the Roland Academy, attendees are coached in both how to use their equipment and how to position their business around it.

Sign makers who are limited by space may be reluctant to add to their workshop, however, some print solutions like the VersaUV LEF-12i are literally desktop systems. These compact printers can expand a business far more than their size might suggest. UV printers that can print CMYK, white and gloss - which can be laid down in layers - allow users to create textural effects onto a dizzying array of materials. Having these abilities is a great way to stand out from the competition and create a unique value-add. The key is to find a solution that can offer versatility and let print businesses offer a broader range of services.

For sign makers interested in wide format, the best advice is to go and see the range of systems available – it might be surprising what they can do.

www.rolanddg.co.uk

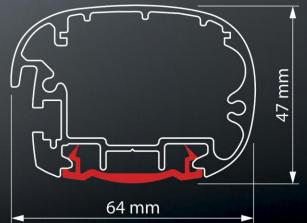


A key benefit to going digital is the versatility of wide format printers



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IP66 Waterproof Manufactured to any length\* Sections up to 5000mm 5 year parts warranty Quick-fix brackets 140 Lumens per Watt 1610 Lumens per metre 11.5 Watts per metre



\* Minimum length 300mm. Sizes greater than 5000mm supplied in two or more sections and will be joined with a middle connector.

Pictorial set \* Sign and wall bracket not included.

<sub>ІР</sub> 66

Other LED Products – We stock and distribute a variety of Tridonic and Mean Well LED Drivers as well as JCC Lighting products.\*

\* subject to stock availability

TRIDONIC







### PENCILLIGHT

Pencil light is a well-established, reliable and cost-effective trough lighting solution – ideal for illuminating signage and billboards. The electronic ballasts within Pencil Light maximise the lifespan of the fluorescent tubes while improving efficiency.



LED Ultra uses the latest T8 LED Tube technology. Each tube incorporates a built-in LED driver, replacing conventional fluorescent tubes. The LED Tubes are made of aluminium and polycarbonate. This provides strength and minimises the risk of breakage in transit.

### CIGNTRIM

SIGNTRIM is a contemporary aluminium extrusion designed for fabricating sign frames; it provides a finish that is completely unblemished by screws or fixings. SIGNTRIM is quick and easy to install and is suitable for non-illuminated sign panels 5–6mm in thickness.



### www.visiondepot.co.uk

### Andesign goes big on 3D with Massivit

Large format digitally printed graphics and signage specialist Andesign has expanded its service offering, investing in a state-ofthe-art Massivit 1800 3D printing solution. As part of its commitment to quality, creativity and innovation, the company has become only the third business in the UK to install this cutting-edge technology.

The total investment of more than £0.5M will ensure Andesign can deliver some of the most exciting 3D printing capabilities available to the industry, making it the marketers' first choice for eye-catching digitally printed 3D graphics and signage, says Massivit.

It is predicted that enhancing customers' applications with creative 3D features for a more high impact visual experience will ensure better audience engagement

With the Massivit 1800, the company will be able to create bespoke 3D displays, prototypes, and end-use parts, powered by the innovative technology that makes it "one of the most efficient 3D printers of its kind".

For example, Massivit's patented gel dispensing printing (GDP) technology enables 3D objects to be printed at remarkable size, speed, versatility and ease, while having the option to print two different objects in parallel.

Utilising the Massivit 1800, as well as other recent investments in ancillary finishing and thermoforming equipment, Andesign aims to maximise the synergies



Andesign UK has installed a Massivit 1800 3D printing solution in a bid to double its turnover to approximately £8 million in the next five years

between 3D applications and its existing 2D printing capabilities.

Andesign managing director Andy Williams commented: "Since the company's formation in 1996 we have been committed to delivering high quality printing services for clients across a range of different sectors.

"It's important we invest in the latest technology and equipment to deliver innovative products our customers are seeking. The growing interest in the ability of high quality 3D printed objects to promote brands and products to consumers confirms our decision to invest is the right one.

"Key to our success is our ability to recognise emerging trends, combining our knowledge and experience of the industry with the latest technology to deliver outstanding results for our clients.

"The Massivit 1800 is the most impressive 3D printing technology available and if we're to preserve our position as an industry leading digitally printed graphics and signage specialist then it's important we put our money where our reputation is.

"I believe this new technology will help us grow our business significantly with the target to increase our turnover to £6M in three years, very much within reach."

Andesign's investment in thermoforming technology in association with the Massivit 1800, allows cost-effective customised thermofolding moulds to be produced, adding a new dimension to traditional 2D displays.

It is predicted that enhancing customers' applications with creative 3D features for a more high impact visual experience will ensure better audience engagement. Robust POP, POS, theme park models, event props and museum displays are all expected to feature regularly in the coming months.

www.andesignuk.com www.massivit3d.com

### Signs Express Swindon uses NovaTex for phone store signage

The Swindon branch of Signs Express has recently completed interior promotional signage for an independent mobile phone outlet.

Director Chris Seston chose NovaTex from Nova Aluminium Systems to display the fabric images, which has been met with high praise from the store.

Two wall-mounted units were used above display shelving both measuring 3400mm x 850mm. LED illumination used in the 83mm deep boxes gives striking images and has been described as a real focal point when entering the store.

Chris said that choosing the silicone edged, textile graphic system gives the store options to change the promotional message literally within minutes, which was seen as an advantage by the store operators.

All NovaTex options can be illuminated

an advantage by the store operators.



LED illumination gives striking images to provide a real focal point when entering the store

and include single-sided profiles at depths of 18mm, 40mm and 83mm with a doublesided profile at 100mm. Manufactured with a screw-free appearance using an internal rapid assembly facility, the system can be wall-hung or freestanding. NovaTex uses a 'passive wedge' to tension the textile image and secure in position. A discrete pull-tab is located in one corner and anti-tamper security screws can be fitted if required.

www.nova-aluminium.com

### **Colour Graphics invests in Durst P10**

Colour Graphics has invested in a Rho P10 250 HS 10-picoliter UV inkjet system from Durst in a move that will bring in new business and ramp up turnover by 25% in the next year.

The quality, productivity and reliability benefits are helping to grow business opportunities since the Durst P10 was installed at Colour Graphics' headquarters in the Midlands. Faster turnaround for work in areas including banner stands for exhibition and events, poster printing and



Taking business to another level with Durst investment: Colour Graphics production manager John Hayes (left) and James Birch in front of the Durst Rho P10

other signage and outdoor displays are all now benefiting its clients.

Director James Birch said: "We're always looking at new ideas on how we can expand into new areas. Investing in new technology such as the Durst P10 is a perfect way to show our capabilities as we continue to move into different areas including using ecommerce and workflow software developed in-house. By showing your clients you care about quality, you can't fail to impress potential clients.

"Durst invited us to Lienz and we were highly impressed by the quality of the product and the company itself, which is why we took the jump to invest in the P10. It's going absolutely terrifically – speed, quality and reliability are fantastic. It was up and running within two days of deliver. We've never looked back. It takes our business to another level.

"Our customers have the highest of expectations with quality, speed and of course, cost and we are dedicated always to improving our machinery offering and all-round service."

The Durst P10 increases capacity and flexibility for Colour Graphics across all areas and opens up new opportunities

with applications such as lightbox work, particularly using backlit fabric. End-user canvases, wallpaper and art will be printed on the P10.

Colour Graphics has chosen a six-colour configuration including white under and over plus spot gloss as well as an advanced application for hapt printing and a roll-to-roll option. The new machine will be used for for foamex, acrylic, correx, self-adhesive vinyl – all backlit applications. However, larger roll-to-roll jobs will continue to be produced on its existing Durst 3-meter machine.

Managing director of Durst UK and Ireland Peter Bray said: "With extremely tight deadlines and ever-more attention being placed on high-quality graphics on all kinds of substrates and papers, Colour Graphics has chosen to invest in Durst again. It will take a quantum step forward with this investment. The P10 has a deserved reputation for providing state-of-the-art, reliable, high volume and extremely high quality products – and this news is bound to create further interest in our market-leading systems."

www.colourgraphics.com www.durst-group.com

# PRODUCT Choice

# The Colour House invests in Roland printer to support expansion plans

The Colour House has clocked up two decades in sign and print and for the past 10 years has depended on a Roland VP-540 printer for a variety of work and when the business decided to invest in a machine that could offer its customers larger, seam-free prints, it went straight to Roland DG.

> Roland's TrueVIS range offers true print and cut without compromise

"We bought the Roland VP-540 from Signmaster in 2008 and it's still working after 10 years and providing outstanding quality," said managing director Anthony Roberts. "It's cleaned once a week and that's it; Roland engineers have only looked at it twice in all that time."

#### **Depth of colour**

The Colour House is a complete signage provider for many kinds of clients but has made a name for itself as a specialist for the construction market. It counts major house builders including Taylor Wimpey, Barratt Homes, David Wilson Homes, Linden Homes and Lewis Homes among its customers, for whom it prints large-format advertising displays and safety signage. However, with the smaller Roland machine and another printer Anthony describes as 'overworked'. the company decided to install another large printer.

"We wanted to enlarge the width of our prints and Roland was the only choice," he explained. The Colour House bought a Roland DG TrueVIS VG-640 from Roland seller Grafityp in July and has shown its strengths every day since.

"We were blown away by the quality of the prints; the depth of colour running six

colours is phenomenal," said Anthony. "We can now print 10' x 5' signs in one go, with no unprofessional-looking joins, which is perfect for our clients in the house-building sector."

The TrueVIS prints directly onto vinyl, banners, Contravision, frosting, wrapping, canvas and other substrates, with vibrant colours and sharp details printed quickly and efficiently. The Colour House has used its new TrueVIS to produce three full vehicle wraps since its installation among a plethora of other work. Roland's TrueVIS range offers true print and cut without compromise. Versatility, quality, productivity, ROI and synergy all ensure users have a world of print possibilities to explore.

Anthony Roberts said the new machine would be put through its paces before his business considers new markets or investments and any new print systems will "definitely be from Roland".

"I'm a proud to own a Roland and my staff love its quality output," he concluded.

www.thecolourhouse.net www.rolanddg.co.uk



The Colour House decided to invest in a machine that could offer its customers larger, seam-free prints



The Colour House has used its TrueVIS to produce three full vehicle wraps since its installation

### **GT Signs chooses QPS for** ink knowledge and reliability

GT Signs has installed a new LED-curing flatbed printer running Nazdar inks from Quality Print Services (QPS), boosting the quality of its large-format signage.

Liverpool-based GT Signs uses a Mimaki JV5 printer and Nazdar solvent inks for large format work and replaced a VUTEk system with a Yotta model purchased at a trade show in China.

Managing director Glen Titherington explained: "I chose the Yotta because of its outstanding build and print quality.

I'd been discussing QPS's involvement with managing director Chris Bailey from the get-go as I always wanted the new machine to run QPS's Nazdar inks. We use Nazdar very successfully on our Mimaki and QPS is our preferred ink supplier because of our long and positive history working together."

The Yotta printer with Ricoh Gen 5 printheads was commissioned with Nazdar LED-curing UV inkjet inks immediately. Installed in late 2017, the Yotta has been running four colours plus white and gloss successfully on a variety of materials.



GT Signs uses Nazdar inks for large format work

"The inks are curing well and keying brilliantly on lots of different substrates including glass, with a glass primer from QPS," said Glen. "With the new machine and inks, coupled with our extensive range of metal fabrication equipment, we're simply offering better results to our customers."

Chris commented: "The installation of the LED UV-curing inkjet inks on GT Signs's new Yotta demonstrates just how versatile and reliable Nazdar inks are on a wide range of printers, even those from less well-known equipment manufacturers.

GT Signs is now the Northern demo centre for Yotta printers running Nazdar inks.

www.gtsigns.org www.qualityprintservices.com

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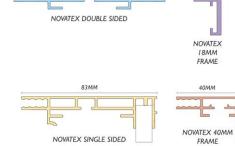
NOVA

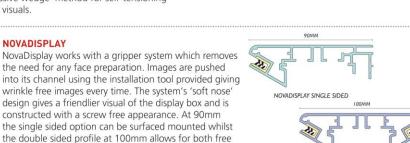
NOVADISPLAY

Quick & Easy Display Chang

NovaTex ticks all the boxes for displaying the vibrant graphics available when using textile signage. The range of profiles are good for housing images up to 3m square and are all constructed with a screw free appearance. All use the 'passive wedge' method for self-tensioning offering frameless stunning visuals.

NOVADISPLAY









NOVAEDGE

The self-adhesive silicone edge that stays put" NovaEdge is designed for use with all the NovaTex profiles. The silicone edge strip is applied to the edge of the graphic eliminating the need for any stitching.





0117 955 6463 | sales@nova-aluminium.com | www.nova-aluminium.com



# PRODUCT Choice

# The Sussex Sign Company sees no reason to change from Nazdar Inks

The Sussex Sign Company provides a comprehensive range of professional graphic design facilities, signage and vehicle livery products. In response to increasing demand from customers, the company added digital printing services to its portfolio in 2004 with a Tiara Opal. A year later, it appointed Nazdar Ink Technologies' main UK distributor Quality Print Services (QPS) as its equipment and maintenance supplier.

Managing director Norman Mayhew explained: "The QPS team has become a key factor in the success of our company. They have been keeping our machines in top condition with great value, responsive and very professional maintenance and support as well as market leading products. It's a relationship very much built on mutual trust and one that is extremely important to The Sussex Sign Company."

As a result of this high level of trust very early in the relationship, The Sussex Sign Company soon made the decision to switch from OEM digital printing inks to Nazdar premium alternative inks. QPS' managing director Chris Bailey recommended the brand for its value and reliability and Norman Mayhew was convinced to try it. Since then, The Sussex Sign Company has run Nazdar inks supplied by QPS on a Mimaki JV3 and a Roland VersaArt RE-640.

"Chris was very clear that the Nazdar inks would be hugely beneficial for us," explained Norman. "As well as the immediate cost savings, the colourfastness, print quality and reliability of the ink is very high. In addition, Nazdar inks are non-aggressive to the working parts of the printer and this has meant our spare parts and maintenance costs have been kept to a minimum."

Nazdar 1302 Series and 2000 Series, for the Mimaki JV3 and Roland VersaArt respectively, are colour-matched and chemically compatible with OEM inks. This enables users to avoid the cost of waste ink and reprofiling when changing to Nazdar products.

"In order to first make the swap all we had to do was insert a Nazdar cartridge into the relevant printer when the OEM



Nazdar inks actively help extend the quality of life of printer components, reducing the cost of spare parts and ensuring reliable and consistent service



Nazdar inks are the ideal long-term solution for customers because they offer equal or better quality at a lower pricepoint than OEM inks

cartridge ran out and enjoy continuity of print, with the added bonus of an increase in profit. Since making the change, we simply haven't looked back," said Norman. "The combination of Nazdar inks and QPS support are key reasons for the growing success of our company's wide format digital printing business."

Chris Bailey added: "During our long relationship with The Sussex Sign Company we've supplied both seconduser and new printers and provided high quality alternative inks from Nazdar to help them run reliably and at a lower cost. We are very confident that the Nazdar inks actively help extend the quality of life of printer components, reducing the cost of spare parts and ensuring reliable and consistent service. We have shown time and again that Nazdar inks are the ideal long-term solution for our customers because they offer equal or better quality at a lower price-point than OEM inks."

Norman concluded: "We produce on average around 170 jobs a month and at least 125 of those have some element of digital print in them. It is testament to the quality of the Nazdar inks and the condition our machines are kept in by QPS that we have so many happy and loyal customers. We are very confident that we can deliver fast, responsive and reliable service at all times for all our customers, while maintaining competitive pricing and a profitable, growing business."

www.nazdar.com



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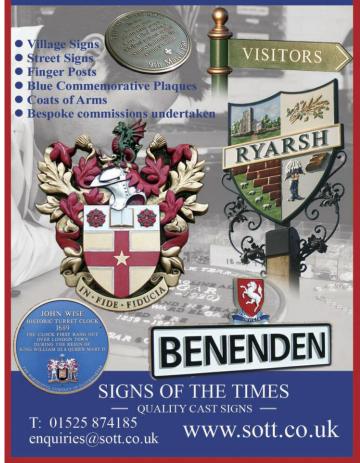
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## i-SUB partners Bang Tidy Clothing to offer specialist dye-sublimation print service

Bang Tidy Clothing has partnered with digital textile solutions expert i-SUB to offer a specialist dye-sublimation print service onto large format aluminium sheets from METal. Using an Epson SureColour-F7200 printer and a Monti Antonio Maxi MOD200 industrial heat press, it is able to produce full-size high quality sublimation aluminium up to 8'x4' (2.4m x 1.2m).

i-SUB identified that Bang Tidy Clothing's machine setup and production workflow would enable the company to deliver this high quality, high end product. Using specific rigid media sublimation paper and rigid media printer settings and press settings, the Epson printer and Monti Antonio heat press print the full size METal aluminium sheets, delivering a high quality gloss and hugely flexible solution.

Bang Tidy Clothing managing director Nick Collinson said: "We have worked with i-SUB for many years, purchasing a large range of equipment from them and have a strong and mutually supportive relationship. They told us that with the new Monti Antonio Maxi MOD200 heat press we could be a trailblazer in the UK for the METal aluminium solution. We carried out extensive testing and were very impressed with the quality of the finished product and could immediately see that this could open whole new markets for our business."

METal aluminium sheets have a specially developed polymer coating for dye sublimation, producing a perfectly flat, glossy, richly colourful high quality image. The aluminium is 1mm thick and once printed can be displayed flat, curved or even folded.



The Epson SureColour F7200 has proven to be ideal for the METal solution mainly thanks to its highly developed Epson printhead/software technology and integrated heater/dryer



*i*-SUB offers a specialist dye-sublimation print service onto large format aluminium sheets from METal

"It is an amazingly flexible solution," commented Nick. "There are lots of people that can print onto small format aluminium but to create something digitally with the impact and presence of an 8'x4' aluminium sheet is not something available elsewhere in the UK – and we can produce these at a hugely competitive price."

i-SUB sales manager Simon Lymn commented: "Bang Tidy has fully embraced digital technology and we have supplied them with printers, heat presses and more for several years. I was very pleased to be able to offer METal to them and help them move into this high value market for large format aluminium displays. There isn't anyone else that has the equipment to produce 8'x4' edge-to-edge, beautifully glossy, scratch resistant aluminium sheets. We are also helping them identify and target appropriate new markets."

Nick added: "We are primarily a businessto-consumer company and it is clear to us that while there will be some consumer interest in large format aluminium sheets, most of the new business will be to the business sector. We are working with i-SUB to explore new markets including signmakers, architects and interior designers. On the consumer side, we will look to work with artists who wish to work on alternative media to canvas.

"There has been a fairly steep learning curve with the new setup because there are differences in times and temperatures compared to textile sublimation. Removing moisture has been a key element as this can destroy a sublimated print. However, by purchasing the new Epson printer we have been able to overcome these challenges and are now producing very high quality output that is ready to go to market."

The Epson SureColour F7200 is a professional digital dye-sublimation roll-toroll printer developed specifically for the production of high quality printed textile. It has proven to be ideal for the METal solution mainly thanks to its highly developed Epson printhead/software technology and integrated heater/dryer. It prints a reverse image onto transfer paper, which is then run through the Monti Antonio, which uses heat and pressure to turn the ink into a gas that sublimates onto the specialised coating of the METal aluminium sheets. Once sublimated, the printed aluminium can be bent, folded or rolled and laser cut it into intricate shapes.

"The Epson is a great value printer," concluded Nick. "We have used other Epsons supplied by i-SUB for many years and always been happy with their quality and reliability, as well as the support that i-SUB has delivered. That consistency is very important to us.

"Here at Bang Tidy Clothing we are very excited by the potential opportunities that METal opens up for us. We firmly believe that there are strong markets for printing large format aluminium sheets and are very pleased to be the first company to provide this in the UK. We will continue to work with i-SUB to target these markets and aim to build a profitable and successful new dimension to our business."

www.i-sub.co.uk.



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As the different types of signage solutions continue to increase and develop, digital signage is undoubtedly on the rise. New ways of interacting with, and enticing, customers in retail are popping up in high street stores and malls around the world.

Sue Mason investigated the impact digital signage has on retail and looks at other ways in which it can be used that we may sometimes take for granted, and are therefore not quite as obvious. As our feature highlights, it can even be used to save lives.

The beginning of May saw the third Retail Digital Signage Expo (RDSE) take place at Olympia, London, which was co-located with Retail Business Technology Expo (RBTE) and Retail Design Expo (RDE). Sarah Adams, show director, Retail Digital Signage Expo gave a comprehensive insight into the digital signage industry...

#### Knowing the buying signs: harnessing digital display to drive in-store conversions

The global digital signage market is expected to balloon in size over the next few years, with recent Grand View Research report suggesting it could be worth \$31.7 billion by 2025 off the back of an increase in demand from many industries – none more so than retail.

In the report, the technology's expected growth trajectory is attributed to its power as an effective promotional platform and its ability to help organisations reach a wider audience, which is clearly a benefit to retailers looking to stand out from the competition. But that's not all.

The return on investment (ROI) potential of digital signage should not be forgotten. Digital signage done well in retail can boost sales conversions, as well as the instore experience and a company's marketing prowess.



### Sports brands with a winning formula

Some years back, Adidas claimed that digital signage displays in some of its stores boosted sales by up to 40%.

This was during an in-store project it embarked upon with Intel, which saw the companies create an interactive video wall showcasing a range of the brand's latest footwear.

It just goes to show the impact that touchscreen, interactive, visually compelling screens in-store can have in encouraging people to transact with a brand. Other High Street sports retailers have been quick to follow suit, with the likes of JD Sports adopting digital signage strategies to serve up connected and more personal in-store experiences.

Another sports retailer using digital signage to great effect is Pro:Direct. Originally an online-only retailer, the football equipment specialist opened a shop in London's Carnaby Street and filled it with screens, digital touchpoints and full-size digital mannequins – even if the constant stream of engaging content doesn't make you want to buy something straight away, it certainly leaves a lasting impression, which is great for brand reputation and future engagement.



Retail has seen digital signage explode onto the market over recent years with ever-evolving new ways to enhance the customer experience and increase sales

#### Shopping centre investment

Shopping centres around the world from the small, privately-owned malls to the global property powerhouses are increasingly deploying digital signage across their sites.

As shopping centres continue their evolution from retail hubs to entertainment destinations with cinemas, gyms, restaurants and other services all under the same roof, there's been a concerted move to brighten up the walkways with eye-catching signage.

Westfield rolled out new digital signage across 17 of its US malls late last year, and embedded in the technology was audience monitoring software to provide the shopping centre owner with insights about dwell time and customer journeys. Executive vice president Charley Delana emphasised the multiple commercial benefits at the time, saying the screens provided brands with "an opportunity for limitless creativity while offering live data and high levels of consumer engagement".

#### The connected store

Analysts predict that as stores and shopping destinations, such as malls, get increasingly connected, there will be even greater value in placing digital signage at the heart of them.

There's an argument that consumers will come to expect this type of technology as part of their increasingly digitally-influenced shopping experiences. It is certainly prudent for retailers to consider digital signage as part of their wider in-store technology investments, as they continue to roll out their plans to create shops that inspire, inform and engage, as much as they offer a place to buy products.

Retail is driving the overall growth in the digital signage market, according to the GVR research, and with so many great examples to talk about it is not difficult to see why. The technology is not just for show any more, it's driving real business benefits and, ultimately, helping retailers drive in-store sales.

www.retaildigitalsignageexpo.com



## DIGITAL SIGNAGE Feature

One Digital Signage has been working in the digital signage industry for more than 17 years. In that time, they have established themselves in the marketplace, renowned for their ultimate professionalism, with an abundance of knowledge and the ability to tailor solutions to customers' needs.

We spoke with Richard Westhead, CEO and he discussed his company's digital signage journey...

One Digital Signage has grown from strength to strength. Back in 2001, we were selling advertising on large screens, developing products for reception areas and then installing them.

Working with Scala, one of the first – and rather prominent – digital signage software solutions, we progressed quickly and soon had a 200 screen network. This led to us becoming engineers; we inserted pcs behind plasma screens and then set up networking to the cloud – before it was known as 'the cloud'.

In 2008, we stopped selling advertising due to the recession and we began designing and manufacturing screens and inserting them into frames.

By 2012, we were manufacturing a range of freestanding screens, kiosks and so on in China and we did that for the next four years.

More recently, the economy, Brexit and client requirements led to our decision to bring our manufacturing back to the UK.

All products we supply are made in the UK; assembled in the Midlands.

Today, our outdoor advertising totems, advertising display kiosks and curved retail kiosks can be found anywhere in the world.

We focus on making our products easy to maintain. Inserting components inside a modular open frame system means they can be easily accessed and serviced or replaced. Of course, replacing individual components is a cost-effective and efficient way to keep products operating at their best.

Having earned a reputation for products of only the highest quality and finish, we work



A One Digital Signage curved kiosk in situ



One Digital Signage's exhibition stand at Retail Digital Signage Expo

hard to uphold our exacting standards and, where possible, use our penchant for innovation to keep moving us forward. Keeping aware of digital signage news and upcoming products helps; we were pleased to attend the recent Retail Digital Signage Expo (RDSE) exhibition for this very reason.

We are currently working with major screen brands who are showing an interest in putting their screens inside our kiosks.

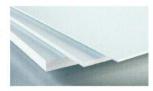
So far, digital signage has taken us on a fascinating and exciting journey; we are keen to continue this level of progression and can't wait to find out where it will take us next!

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Blackburns supplies a wide range of substrates for digital printing applications including aluminium composite Digital Grade sheet and Fluted Polypropylene.

Visit: blackburnsmetals.com





## DIGITAL SIGNAGE Feature

Messagemaker Displays is a member of the Stocksigns Group and, as such, offers the additional resources and peace of mind that comes from being part of a company with a turnover of £4 million plus, with a staff of over 40 people. Add to this, the fact that they have over 20 years of experience in developing, manufacturing, installing and supporting digital LED displays, and it's clear to see why their views on digital signage are so valued.

We spoke with Neal Young; who is Messagemaker Display's newly appointed business development manager, overseeing the sale of the company's comprehensive range of speed indication devices, mobile LED variable message signs, LED displays, scrolling LED signs and high quality large format LED screens.

With over two decades' experience in sales, specifically selling traffic and parking related technology, Neal recognises the importance LED signage now plays in many companies' traffic management plans.



Neal Young, Messagemaker Displays' new business development manager, brings a wealth of experience and expertise with him

#### This is what Neal had to say...

LED technology has a higher visual impact than traditional street/road signs in giving the driver clearer and more concise information, this increases the speed in which the message is delivered, ultimately increasing driver safety.

I am extremely excited about developing this area further and feel my experience within the traffic market will drive profitable sales for the company and group over the coming years.

Messagemaker Displays has been pivotal in providing traffic solutions to a variety of customers across the UK for over 20 years; I am looking forward to seeing continued growth in the use of digital signage across a range of applications. Having seen significant growth in the LED traffic signs sector, Redhill-based Messagemaker Displays, part of The Stocksigns Group, has added to their experienced team with the appointment of Neal Young.



Speed Limit Reminder (SLR) signs remind approaching motorists the speed limit of the road

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An effective way to calm traffic – Speed Awareness Message (SAM) signs display the driver's exact speed in real time

The Zytronic range of touch solutions are known for being remarkably durable and particularly responsive. Trusted by global organisations around the world, the company's reliable products perform '24 hours per day, 7 days per week, and 365 days per year – year after year.'

## lan Crosby, Zytronic's sales & marketing director had this to say on the current market...

Popular trends in large format touch screens used in digital signage often follow innovations in the smart phone market. Zytronic strives to quickly bring such useful innovations to self-service and public facing touch screen applications, such as street kiosks and digital totems. One example of this is force sensing, alternatively known as 3D touch. The approach used in phones and tablets can't be deployed in thick, vandal resistant projected capacitive touch screens, so Zytronic created its' own solution within the firmware of its proprietary p-cap touch controllers. This has many potential benefits including helping partially sighted users, as the kiosk can be set up to announce a selection on a light touch, which is confirmed by increasing pressure. Further possibilities include viewing wayfinding maps that zoom in as increased pressure is applied.

Digital signage is progressively becoming more interactive to tailor and target content to specific users and at Zytronic, we continually work to improve the user experience by adding new functionalities that enhance the performance of our p-cap touch sensors. Our new multitouch



Packed with features, functionality and a stylish design, the 72-inch touch-enabled display units act like super-sized tablet computers. Operating through an 8mm thick protective overlay, the units provide street based public information in the Netherlands

controllers enable touch screens to be designed with practically no borders, enhancing appearance and enabling the screens to be tiled to create video walls. A further feature of these new controllers is a higher noise immunity that allows technologies such as radio-frequency identification (RFID), near-field communication (NFC) and Qi wireless battery charging to be integrated immediately adjacent to them without impairing the normal performance of the touch screen. These technologies emit signals which can interfere with the operation of conventional projected capacitive touch screens.

Such advances are central to the roll out of Smart Cities that connect people and

their cities by making information and civic services accessible in public spaces on a 24/7 basis. In each case, to ensure a userfriendly experience, it is vital that the interface used to connect with the user provides a reliable all-weather, responsive and durable interface.

Zytronic is supplying large format, uniquely designed touch sensors to system integrators for smart city installations across Europe, North America and Australasia. The all-weather reliability (unaffected by rain, dirt and ice on the screen), vandal resistance (touch detection through 10mm or more of toughened safety glass) and scalability (supporting up to ~95-inch displays) of its patented touch technology make it ideal for such applications.



The Citybeacon Smart City kiosks installed in Eindhoven use a 32" ZYFILM multitouch display, enabling easy access to information all year round

www.zytronic.co.uk

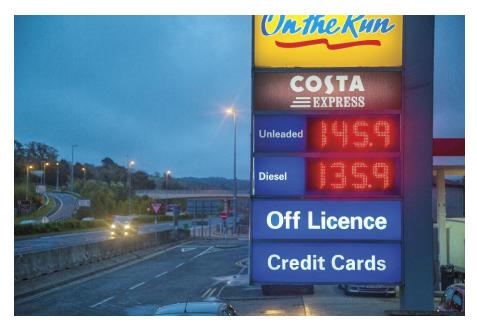


A network of Infinitus interactive outdoor kiosks using Zytronic PCT touch screen technology, have been installed throughout the Swedish city of Helsingborg to provide local information to visitors and residents.

Linnos is an LED technology company which manufactures quality digital multi-segment LED displays. Based in Ireland, Linnos creates visually unique, high impact solutions for the energy, retail, industrial and sports industries. David O'Sheehan, managing director, discussed digital forecourt signage with us – more specifically, LED petrol price displays. Here's what he had to say...

Choosing the right digital signage for a forecourt can be challenging. Not only do forecourt operators have to act as filling stations, they also have the added complexity of being a convenience store – and often a restaurant too. Installing the right digital signage can help a business stand out against their competitors and demonstrates a dedication to the customer experience from the outset.

#### Our LED signs can display price, time or temperature and a range of sizes are available



When creating LED petrol price displays, Linnos considers safety as well as functionality – ensuring each sign does its job exceptionally well, without causing a driver to be distracted

Linnos supply high impact, vivid and visually unique LED digital price signs for forecourts. The displays are low voltage and energy efficient. The LED is bright



Solutions are designed and built in-house, with quality materials, by a team of qualified engineers

enough for clear visibility in direct sunlight. Equipped with light sensors, the LED brightness will automatically adapt to sunlight and weather conditions, avoiding issues such as glare, which of course, can be extremely hazardous when driving. The sensors can also be used to control the illumination of your entire totem.

All our digital LED price display products are manufactured in Ireland to the highest possible standards and are designed in a robust aluminium casing for ultimate durability. Long-lasting solid state optoelectronics guarantee low maintenance and low, uniform degradation of the visual effect.

These forecourt signs can be fitted to new or existed totems, poles or gantries. The price can then be changed whenever needed using a remote controller. With three unique options, our LED signs can display price, time or temperature and a range of sizes are available.

www.linnos.com

BrightSign is renowned globally for its reliable and affordable digital signage solutions. State-of-the-art technology and robust purpose-built operating systems can be as simple or as intricate and/or powerful as applications demand.

#### Jeff Hastings, CEO of BrightSign, spoke to us about current trends and considerations for purchasing digital signage in today's market.

The industry is being driven today by people's expectations around interactivity and experiential marketing. People are used to interacting in a very relevant and rewarding way with their phones, tablets and computers. They're coming to expect the same out of digital signage. BrightSign is a leading driver of this trend with its extended input/output (I/O) interactive devices that offer touch screen interactivity, pinch/zoom/swipe, serial commands, general-purpose input/output (GPIO) and USB button controls. InfraRed (IR) remote control, HDMI In for Live TV playback, and advanced HTML5 rendering that can display live streaming social media feeds.

For many, the content displayed on the screen and seen by customers is the primary concern when choosing a digital signage solution, and of course the end result has to be perfect. However, there are a vast number of player hardware factors to consider when deciding which media players go behind the screen.



Customers and passing shoppers at the UK's first interactive holiday store for Cruise 1st in Salford, Manchester are greeted by in window screens and a 2x2 video wall showing 4K video content and images delivered by BrightSign XT243 media players

Digital Signage Players clearly need onboard storage to host a buffer of content – even the best streaming service isn't reliable or fast enough to keep a player continuously supplied. Some players have built-in flash memory, others have replaceable SD cards. One issue is the frequency of reads and writes. Flash memory wears out over time. In fairness, SD cards suffer similarly after extended reading/writing, but SD cards are inexpensive and easy to swap out for new.



WaiveCar, an innovative Los Angeles car sharing start-up, has a fleet of electric cars fitted with double-sided LCD screens that serve as roving billboards. WaiveCars are free to drivers for the first two hours

SD cards are perfect for installations that rely on content loaded locally or when stable Wi-Fi connectivity isn't available.

Many people think of fans as essential components for cooling heat-generating digital signage media players. However, fans are loud and make devices bigger than they need to be, but they're a necessary evil, right? Wrong! As far as media players are concerned, they are actually completely unnecessary and a telltale sign of inefficient design.

A further benefit of efficient player design can be seen in players offering power over Ethernet (PoE). The concept is pretty simple, yet the convenience of PoE is significant. The ability to run a single cable that serves the dual purpose of powering a device while also sending content to that device is a great advantage.

When considering digital signage players it's essential to consider all of the factors that will ensure success and provide the best user experience. With many options in the market, think about longevity of players in terms of content storage, temperature management and power surges. The best media player will be simple to install, robust and power efficient.

www.brightsign.biz



## the art of excellence phillips Signs

ACRYL	IC	PERS	PEX	® Co	olours (	Gold &	Silve	r ada	10%	for Go	ld & S	ilver			£18	+ VAT	minim	um ch	arge +	carriage
Height	75mm	100mm	125mm	150mm			225mm	250mm	275mm		350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mm	900mm	1200mm
3mm	0.90	1.18	1.28	1.50	1.87	2.41	2.94	3.32	4.01	4.65	5.89	7.49	8.56	9.63	11.77	14.45	18.19	32.10	39.49	48.00
5mm	1.30	1.77	1.93	2.46	3.10	3.75	4.23	5.78	6.90	8.03	9.36	10.70	12.84	15.52	17.91	19.26	25.15	32.10	48.15	62.00
10mm	2.50	3.00	3.96	4.92	6.15	7.86	9.15	12.84	13.91	16.85	19.30	23.01	26.22	30.50	34.24	38.52	<mark>53.50</mark>	78.11	100.58	130.00
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5mm	0.95	1.30	1.61	1.98	2.39	2.81	3.22	3.54	4.11	4.68	5.84	6.86	7.80	8.32	9.67	11.02	17.16	23.40	26.00	28.50
10mm	1.70	1.98	2.70	3.74	4.37	5.04	6.19	7.20	8.22	9.15	11.02	13.10	15.60	17.16	19.24	22.36	27.04	31.20	47.32	56.00
19mm	2.80	3.95	4.58	4.99	6.66	7.80	9.36	10.92	13.21	15.50	16.64	19.44	22.36	24.75	26.83	30.16	38.48	41.60	55.64	84.50
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Mirror	2.50	3.06	4.24	5.30	6.89	8.48	9.54	11.66	14.31	16.96	18.55	21.20	24.91	28.09	29.68	34.45	40.28	50.35	54.06	102.29
Brushed	1.85	2.33	2.97	3.71	4.24	5.19	6.25	7.42	9.01	10.60	12.19	13.78	16.96	18.55	20.67	23.32	30.74	41.34	51.94	71.55
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3mm	3.20	4.45	5.0	9	6.25	7.21	8.06	9.0	01	10.28	11.50	) 13.	.25 1	4.79	18.97	22.68	31	.69	44.52	66.00
5mm	3.50	4.88	5.8	33	7.00	7.84	9.01	10	).18	11.87	13.67	15.	.74 1	7.76	22.95	26.50	36	.84	51.94	71.60
EXTERI	OR	M	DF												£18	+ VAT	minim	um ch	arge +	carriag
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6mm	0.58	1.10	1.7	2	1.92	2.84	2.99	3.4	47	4.15	4.78	5.67	7.	25	10.24	11.81	13	.39	15.70	47.78
12mm		1.90	2.2	23	3.11	4.46	5.15	5.9	99	6.74	8.03	10.0	8 1	1.03	12.81	15.23	18	.48	20.74	62.95
18mm		2.70	3.4	2	4.46	5.57	6.77	8.	35	9.35	11.60	13.3	9 15	5.96	18.27	22.31	24.0	5 3	1.45	94.11
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## PROJECT News

## Snow, sports and spectacular brand awareness

The worlds of large format 3D printing and winter sports merged during this year's annual Ski Deal Week held in Sella Ronda, Italy.

With the event attracting all age groups, the organisers wanted to inject new levels of creativity and interactive entertainment to boost customers' engagement with the brand. This saw Ski Deal enlist the help of two European large format print providers – Italian advertising agency, Sismaltalia and French-based, Metropole in partnership with Marie 3D – to produce a range of larger-than-life 3D printed winter sport accessories.

Produced on the companies' Massivit 1800 3D printers, the models included a pair of oversized goggles, a helmet, full-size snowboard and the main attraction – a gigantic ski boot which featured prominently on social media after hundreds of visitors chose to climb inside for a selfie or two!

Measuring 2.2m-long and 2.3m-high (7.2ft x 7.5ft), the realistic ski boot comprised two pieces and was produced within just 38-hours. Once the gloss finish was applied, the lifelike boot was ready to be transported by cable car to its final destination - 3000m/1.9 miles above ground level, to steal the limelight.

www.massivit3d.com



Produced on Massivit 1800 3D printers, the models included a pair of oversized goggles, a helmet, full-size snowboard and a gigantic ski boot

### Illuminated signs make bold statement

Norwich based FSG has recently completed signage for an industrial unit, which has resulted in passers by twisting and turning for a better view. The Viking self-storage site has no less than eight illuminated signs on the building exterior, all of them have a flex face with LED backlit illumination.

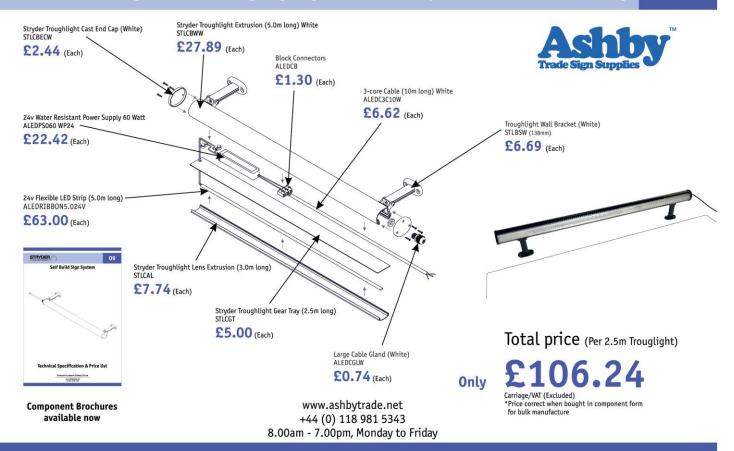


A number of the boxes have radius corners and FSG chose Nova Aluminium's 200mm deep NovaComp profile prepowder coated black to produce them. NovaComp, which uses the SignComp black clip tensioning system, has a perfectly flat exterior and incorporates screw ports for both speed of fabrication and installation alignment.

The result is striking with the boxes ranging in size from 2100mm x 610mm to 33900mm x 2000mm.

www.nova-aluminium.com

#### You can now buy FIRE Signage Systems in component form from Ashby





## PROJECT News

### Signs point to fresh start for New Ferry

Signs Express (Liverpool North & Wirral) used their sign making expertise to add some colour to the new premises of a social enterprise, which launched recently.

The team were delighted to donate a range of signage to the New Beginnings New Ferry CIC, which was officially opened on 9 March by Alison McGovern MP and Steve Rotherham, Metro Mayor of Liverpool City region.

After a huge explosion at New Ferry last year left an area severely affected and businesses and residents displaced, a social enterprise New Beginnings New Ferry Community Interest Company (CIC) was established. Signs Express were on hand to offer the CIC a smart new fascia sign, window graphics and plaques to help advertise their location and supporters of the enterprise.

Signs Express (Liverpool North & Wirral) director John McEntee said: "We have been extremely proud to be involved by donating signage and supporting New Ferry New Beginnings along their journey since the gas explosion that devastated the New Ferry community. They have been a pleasure to work with and we wish them every success with the launch. It's an invaluable resource for the community."

www.signsexpress.co.uk



A smart new fascia sign, window graphics and plaques help advertise New Beginnings' New Ferry location and supporters of the enterprise

## Illuminated signs could be key to high street revival

As one of the UK's premier trade suppliers, iSpi Trade was approached by one of its signage installation clients who were supporting a national estate agency group. They had been asked by their client to look at updating the window displays across their multiple estate agency retail units throughout the UK.

Addressing window shapes and sizes, along with visibility to ensure the best layout of schedules using the systems, is



LED window displays are illuminating shop windows and helping drive traffic even after dark

critical. Working with the client, iSpi recommended a mixture of A4 and A3 size panels along with portrait and landscape variations to enable the estate agency to promote these leader properties while having easy flexibility to rotate daily.

Although estate agents have been some of the first to embrace LED window pocket systems, many retailers are seeing the benefits. Hairdressers and nail bars are now using LED windows displays to showcase their talents and even showing customer reviews in the illuminated posters.

We have also seen a large number of restaurants and pubs promoting The Dish of The Day or new drinks promotions. Using LED window displays, passing trade can be targeted with offers, which catch the eye and draw in customers. We have several customers using the panels for internal promotions and with a very simple way of changing over messages, they continually provide opportunity.

As the sign trades trusted support partner we have reduced our prices across our range of LED window display kits, which should make your smile brighter.

www.ispitrade.com





#### **Key Facts**

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Ashby Tray is an excellent choice when a strong first impression is required, delivering simple construction to the installation team and lasting appeal to the customer. Aluminium and composite options are available with superb build quality and a variety of mounting options.

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sales@ashbytrade.co.uk www.ashbytrade.net







## Showtime: why a visit to the next industry exhibition is a trip worth making

There was a time not long ago when some predicted the end of trade shows as we know them, seemingly happy to consign their model to the past and assume a more modern, Internet-driven way of doing things would be the way to go. SAi director of EMEA sales Marc Hermans reflects on why this view has changed.

Thankfully, these people were wrong – at least about the fundamental demise of trade shows. Where perhaps, they were right, is that the traditional format has indeed evolved – in a good way.

No longer merely a collection of companies lining-up to display their wares, in many cases these exhibitions are full-on visual extravaganzas that combine keynote presentations and interactive debates, educational workshops and application areas, not forgetting the 'core' showcase of the latest technologies and services.

As a provider to this industry, trade shows are vital to our company, regardless of the

strength of our wider marketing services or activities. Equally, for visitors, some of whom might be thinking about the next investment to grow their business or enhance efficiencies, there's no substitute for direct face-to-face engagement with those you might eventually buy from. The ability to question product experts and salespeople, see live demonstrations and compare competing offerings within meters of each other, all contributes to a much easier decision-making process for would-be buyers.

To successfully reach relevant visitor audiences, event organisers have stepped up their engagement with the all-important trade media, harnessing a combination of printed and online communications to create buzz several months out from the event. This ensures audiences are in the know about key information (including cost-effective travel, hotel and restaurant options) and the wealth of activities taking place, to drive footfall and ensure the event's success. Granted, if you're running a business, it's not always easy to find time for you or your key staff to leave the office or production facility or justify the expense of visiting an exhibition that might be in another country. That said, I believe most business owners would acknowledge the importance of networking within their industry and staying abreast of technology change – especially if it offers revenue- or efficiency-enhancing potential for their operations.

In an age of low-cost airline travel, most of us would think nothing of booking a cheap weekend city break with our partners. For the same level of expense (and potentially less if it's on home soil) visiting a major tradeshow to see the market's latest products and technologies might unlock the key to taking your business and your service offering to the next level. In fact, why not take your partner and combine it with that city break.

www.ThinkSAi.com



In many cases exhibitions are full-on visual extravaganzas that combine keynote presentations and interactive debates, educational workshops and application areas

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## Tecna Display celebrates second Queen's Award for Enterprise

Exhibition and display specialist manufacturer Tecna Display is celebrating being awarded the Queen's Award for Enterprise for a second time, having received the first in 2012. The company was awarded the accolade for outstanding achievement in the category of international trade.

Managing director Jonathan Evitt said: "The Queen's Award is a huge honour and we are absolutely delighted to have it for a second time for our achievements in international trade. We were the first company in the display and exhibition systems industry to win a Queen's Award, which shows what an achievement it was."

Tecna Display is a world leader in the supply of high quality portable and modular displays and its T3product ranges have been granted numerous International Patents and Design Registrations worldwide. The company holds the ISO 9001 quality standard and sets great store on using the highest quality materials and best practise manufacturing techniques.

"Since receiving that first award we have significantly increased our presence in

both the US and Europe and our export turnover has been growing significantly year on year. We now sell into 28 countries and they sell into a further 12, so we are now active in 40 countries. Exports comprise about 65% of our turnover and are increasing.

"We have added two new products to the portfolio which are creating a great deal of interest: the Affinity and Litebox systems, which build on the proven success of our T3 'twist n' lock' system. We had our audit for the new ISO quality certification this year and passed with flying colours."

The company is once again using this award to help drive its work moving forward globally.

"We are investing heavily in both time and money in the US market and now have an office in Las Vegas, the centre of the US exhibition and conference industry," said Jonathan. "We are investing in European exhibitions and will be present at four this year. We have been working on incorporating the latest industry trends into our new product innovations and offerings.



Tecna Display is a world leader in the supply of high quality portable and modular displays

"Virtual reality, projection mapping and LED screens are all becoming an important part of the display industry and we can incorporate all these visual technologies into our users displays easily. We have even been able to include curved LED screens into displays as we are one of the only companies that can produce curved walls to match the LED curve. This introduction has really secured T3 products as future proof solutions. No company can afford to stand still, it's always onward and upward for Tecna Display."

www.t3systems.com

## CMYUK awarded EFI 2017 Global Distributor of Excellence

With increased sales of 42% from their 2016 performance, CMYUK has been crowned EFI 2017 Global Distributor of Excellence for the 4th consecutive year.



Martin Mayo, Robin East and EFI UK sales development manager Steve Stokes

EFI's UK Inkjet sales manager Martin Mayo who paid tribute to their outstanding service, impressive sales figures and customer support excellence, presented the award to group director Robin East at the CMYUK Shrewsbury Demonstration and Training Centre. The award reflects a successful 13-year-long partnership between the companies.

"We're delighted to receive this award once again from EFI highlighting our achievement for not only market development and record sales but service and support standards," commented East.

With a recently extended world-class demonstration and training facility in Shrewsbury, CMYUK showcase UV, solvent,

latex, dye sublimation and 3D printing technology, combined with the entire portfolio of Kongsberg digital cutting tables.

All printing and cutting technologies within the facility are fully integrated with award-winning prepress workflow solutions from both EFI and Esko, simulating the huge gains to be made on production efficiency by adopting these automation tools.

EFI's product portfolio includes EFI Wide Format, VUTEk flatbed, hybrid, FabriVu textile and UV roll-to-roll digital printers, all of which are promoted and supplied in the UK by CMYUK.

www.cmyuk.com





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#### www.regaltools.co.uk

### **Metamark acquires Trimwel**

Metamark (UK) has acquired its longstanding Irish distributor. Trimwel will continue to operate as a distribution business working with a growing range of customers, typically sign and graphics manufacturers in the region.

Trimwel first opened its doors for business in the early 1980s when demand for quality self-adhesive products by sign and graphics producers began to accelerate markedly thanks to the introduction of computerised processes for sign production. Its business model continues to put such materials in a wide range of formats within easy reach of sign manufacturers, reducing their the need to carry inventories of a growing range of materials.

Metamark is a key brand in Trimwel's selfadhesive graphics products portfolio. As applications for Metamark products grow and the core industry and other markets expand, Metamark will introduce new products to the Irish market and beyond. The Trimwel acquisition means the Irish market is now a local market for Metamark.

Trimwel's managing director Nick Little commented: "I'm absolutely delighted. It moves us and our customers closer to one of the most respected sources of materials innovation in the industry and gives us access to a rapidly developing spectrum of products that will help us deliver an even better service to the sign and allied industries"

Metamark CEO Paul French said: "The acquisition solidifies our position in a market that has many similarities with the UK. We've always supplied Trimwel with core products but now we can put marketing, development and other resources into the Irish market to further improve our service and expand the range of Metamark products we offer."

Trimwel will continue to trade behind its own brand and operate from its established headquarters in Dublin. Its customers will be supplied with the products they order from within the existing infrastructure.

www.metamark.co.uk www.trimwel.ie





## AXYZ enters waterjet cutting industry following company acquisition

AXYZ International has recently acquired Ohio, America-based waterjet cutting systems specialist WARDJet. According to AXYZ International president Alf Zeuner "the synergy of the two companies and the complementary technologies now available will result in a huge increase in manufacturing, technological and manpower resources, with the latter adding close to 100 new employees to the AXYZ International team."

Both companies will continue to operate independently from their respective locations with WARDJet co-founder Richard Ward remaining as the company's president and Alf Zeuner acting as overall president.

"With immediate effect we now have a much larger and global footprint in the waterjet cutting industry, not to mention the huge increase in manpower and marketing resources from which we will benefit as a result of the partnership now forged with AXYZ International," commented Richard.

Explaining the logic of and motivation for the acquisition, AXYZ International's UKbased vice president of market development Robert Marshall commented: "Contingent upon the materials to be processed, waterjet cutting technology can provide a more appropriate solution to CNC routing and cutting technology.



The plan to start promoting the waterjet cutting machines through AXYZ's global network will be phased in gradually over the coming months

The availability of the two complementary technologies from a single manufacturing and supply source will greatly enhance the capabilities and global reach of both companies and lead to increased mutual growth, enhanced manufacturing capabilities and commensurate profitability. "The plan to start promoting the waterjet cutting machines through our global network, including the primary European outlet in the UK, will be phased in gradually over the coming months following preparation and assessment of the new and specific levels of service now required."

www.axyz.co.uk

### CSL Digital nominated for International Trade and Export Business Award

Wide format print technology and solutions supplier CSL Digital is one of three finalists to be nominated for the International Trade and Export Business Award 2018.



CSL Digital is a company best known to the UK sign and print industries for supplying and supporting wide format digital printing and cutting systems on behalf of major manufacturers including Roland and Fujifilm. However, the company has invested significantly in its international trade and export activities over recent years and as a result, has seen this side of its business grow substantially.

Sales and marketing director Huw Davies said: "Everyone at CSL Digital was thrilled to hear the news that our company had been nominated for the Business Award. The international trade and export side of the business is very much a real team effort spearheaded by our managing director Nick Wintle who continues to play a fundamental role in developing the overseas opportunities for our business. Given the very impressive competition in the international trade and export category, being one of three finalists is an incredible achievement that everyone at CSL Digital can take great pride in."

www.csl-digital.com www.bbf.uk.com

### Roland DG starts mission to find Roland Hero for 2018

The Roland Hero Awards 2018 have launched: Roland DG's search to unearth its users' stories and recognise their achievements.

From 11 April 2018 Roland users from across Europe, Russia, CIS, Middle East, North Africa and India are invited to nominate themselves as Roland Heroes. From historic family businesses to startups making waves, from the largest print production houses to sole traders with an outstanding attention to detail, to entrepreneurs who have shown leadership and inspired their staff – Roland DG wants to hear from you.

Roland DG is asking its customers to share their stories and join the ranks of 2018's Roland Heroes. Participating businesses will be able to display the Roland Hero badge on their website while a selection – the Spotlight Heroes – will be the subject of their own video and photo shoots.

One overall winner of the Roland Hero Awards 2018 will be chosen after the deadline of 31 October 2018. The title will be bestowed on the Roland user who best represents the ethos and imagination of the Roland DG brand, with an unforgettable holiday offered as a reward.

"We know Roland DG users are creative, innovative, entrepreneurial and inspiring and this year we're making sure we recognise as many as possible," said head



Roland users are invited to nominate themselves as Roland Heroes

of marketing EMEA Gillian Montanaro. "The official launch of the Roland Hero Awards marks a celebration of the incredible things our customers do. One person will receive a fantastic prize along with the Roland Hero 2018 title, but everyone who gets involved will benefit."

Businesses already recognised as Roland Heroes include Peak UK, which helps

national sports teams and professional athletes achieve glory with Roland-printed emblems, sponsor branding and patriotic colours.

Roland customers interested in taking part should visit www.rolandhero.com and submit their details before 31 October 2018.

www.rolanddg.co.uk

## Kernow Coatings appoints operations director

Global leader of digitally printable synthetic substrates Kernow Coatings has appointed Garry Hume as operations director. Garry joins the team to drive efficiencies and meet the challenges of growing in a global media market.

"I will help enable the business to diversify its range using new and existing coating assets, supported by new, patent-pending, hard coatings and specialist adhesives for a wide range of industrial and technical applications", said Garry.

Garry has worked for Kernow Coatings for over six years as business development manager. He has extensive experience in the coating industry in both an operational capacity and from a technical perspective.

www.kernowcoatings.com



Operations director Garry Hume



## Sign Specialists raises its game with new Mercedes-Benz Sprinter

One of the latest Mercedes-Benz additions to the fleet of third-generation family firm Sign Specialists is fitted with a 'cherry picker' that allows its operatives to work safely at heights of up to 14.3 metres.

Based in Redditch, the company boasts a customer portfolio that includes some of the biggest names in the automotive, pub and restaurant, hotel and leisure and retail sectors.

Its new Sprinter 514 CDI has a 5.0-tonne gross weight and was converted by vehicle-mounted access platform specialist Versalift, whose ETM38-F unit offers a maximum outreach of 9.0 metres and a bucket capacity of 230 kg.

Sign Specialists has also recently taken delivery of a 3.5-tonne Sprinter 314 CDI with high-volume Luton body. In addition, the company runs five Sprinter panel vans, all of which have entered service within the last couple of years.

The vans and the Luton – which, unusually, has one rigid and one curtain side – are allocated to the company's installation teams and carry scaffolding as well as transformers and other equipment. The new access platform, by contrast, is used solely to maintain signage, which is already in place.

Works director Mike Ferreday explained: "We've always run Mercedes-Benz



Sign Specialists' new Sprinter 514 CDI is fitted with a 'cherry picker' that allows operatives to work safely at heights of up to 14.3 metres

vehicles since I started with the company 30 years ago and I believe the association goes back a lot longer.

Sign Specialists previously ran a preowned Mercedes-Benz 'cherry picker' for a number of years, before standing it down and reverting to its previous policy of hiring access equipment. "We soon realised how much easier and more convenient it was to operate our own mobile access platform," said Mike. "The new vehicle means we're no longer reliant on anyone else; it works all over the country and we just drive in, then drive away as soon as the job's done."

www.sign-specialists.co.uk

### **Button-fix signs up to Made in Britain**

Buttonfix has joined Made in Britain, the membership organisation established to promote and encourage British manufacturing.

In the early days of Button-fix, product designers Tony Wills and Brian Watson were determined to place the production of Button-fix with a UK manufacturer.

"The potential savings from offshoring production did look a little tempting but because we didn't want to settle for longer production lead times or potential quality issues we chose a British manufacturer - a precision toolmaker and moulder based in the Scottish borders," explained Tony. "The strength and quality of our panel fixings is paramount and the independent test house we use to verify and certify properties such as load bearing and strength, works only with known manufacturers so in that respect, our UK production set up serves us well.

"We have a great working relationship with our manufacturer. A big plus is that they fulfill the entire production process under one roof. They are close enough to visit a few times a year and are responsive to our volume ordering patterns, which means that working capital isn't tied up in excess stock."



Button-fix is very well supported in the UK by leading companies including Hafele, Ironmongery Direct and SDS London.

"Products made in Britain have a certain cache in our export markets", said Brian. "So joining Made in Britain and using the MIB mark is a good way to highlight the provenance of Button-fix and fly the flag in our growing overseas markets."

www.button-fix.com

## Josero now approved distribution partner for Agfa

Following two years of collaboration with Agfa on numerous projects and the approval of Josero as a registered partner for the company's used printers last year, Josero has been granted full dealership for the recently launched Anapurna H1650i LED printer.

The deal will enable Josero to sell the Anapurna H1650i LED, as well as provide technical support for the printer through its team of qualified engineers.

This new printer has been added to the portfolio of printing and finishing equipment on display in Josero's demonstration suite in Cambridge, where those interested can take full advantage of viewing and evaluating the equipment. Josero managing director Loic Delor commented: "We're absolutely thrilled to be supporting this new addition to the Anapurna LED series. We've built a strong relationship with Agfa over the past few years and this new dealership will help strengthen our partnership. We will of course continue to offer refurbished and approved second user Agfa printers to our customers."

Agfa UK & Ireland marketing & channel manager Steve Collins commented: "I'm excited to have Josero on board as an approved partner for the Anapurna H1650i LED. Josero have proven to be a real asset selling our second hand machinery since 2016. It made sense to extend our relationship to include the H1650i LED as the product provides a perfect fit for both Agfa and Josero." Josero have proven to be a real asset selling our second hand machinery since 2016

The Anapurna H1650i LED prints on rigid and flexible media by means of LED curing, resulting in a lower cost of ownership. It combines this with Agfa's award-winning imaging quality, ink-saving thin ink layer technology and perfect white ink printing reliability yet requires a smaller financial investment than other Anapurna engines.

www.josero.com



Steve Collins with Loic Delor at Sign UK



### Response to Antalis Academy's new business courses reflects growing demand to improve skills

Having refocused its Academy to provide a much broader training proposition this year, Antalis has received a resounding response to its new business courses in what it says is indicative of a growing demand from customers seeking to enhance their sales and marketing approach.

As part of its commitment to providing customers with everything they need to stay ahead of the changing industry, the Antalis Academy no longer provides just training and support in relation to digital print products, techniques and solutions but wider, vital business skills.

> What's great is that our course providers have worked in our industry so have a real understanding and empathy as to the challenges that today's printers face

Since the beginning of the year, 30 delegates have attended courses on everything from Realistic sales planning and essentials of selling through to Making telephone appointments and successful social media for print sales people. The business welcomed over 70 participants to its inaugural Antalis Academy webinar in March, which focused on Three practical strategies to increase your print sales this year.

Digital support manager Giles Bristow said: "In these changing times a thirst for knowledge and a desire to learn new skills are key to developing and diversifying businesses and organisations. However, it's not just about keeping on top of new



Antalis Academy digital support manager Giles Bristow

technology and innovation; it's just as important to continue to enhance your overall business approach.

"Inherently though, it has been challenging for our customers to find training workshops and tutors who not only know their chosen business-related subject but understand the industry and markets that printers operate in. As such, we have purposely expanded our Academy to fulfil this growing need by introducing of a range of business courses in conjunction with the IPIA."

Each business course is delivered by one of two genuine industry expert tutors: Matthew Parker and Julie Biddle. Matthew is the founding director of Profitable Print Relationships; a market-leading training consultancy that shows print companies the buyer's view, prior to which he headed up print purchasing at Future Publishing, one of the UK's leading consumer magazine publishers and was a print specialist at various companies. Meanwhile, expert motivational sales trainer Julie Biddle has been delivering training for many IPIA member companies for over 12 years through her training solutions company Julie Biddle Associates.

"While we anticipated a strong appetite for these types of courses, the response so far has exceeded all expectations with many customers saying they have come away feeling inspired and reenergised about the future of their business," said Giles.

"What's great is that our course providers have worked in our industry so have a real understanding and empathy as to the challenges that today's printers face. We'd urge as many customers as possible to sign up to our next suite of courses; we believe the coaching will really make a difference to their business and in turn, bottom line."

www.antalis.co.uk

### **Amari Plastics launches ADAPT**

Amari Digital Supplies (ADS) and Graphic Print Technologies (GPT), both part of the Amari Plastics family of specialists, have merged to create ADAPT - Amari Digital Printing Technologies.

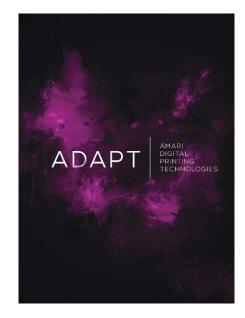
ADAPT offers a single source for inkjet equipment, ink and roll media. It is designed to supply industry leading, largeformat printing, cutting and finishing solutions to meet even the trickiest applications and the most ambitious ideas.

ADAPT will work with the nationwide network of 15 Amari Plastics centres together to offer their customers a full spectrum of formats and media. Their customers no longer need to shop around. Instead, they get great service, industry expertise and the best range of leading brands in the business including HP, Mactac, 3M, Mimaki and Canon.

General manager Richard Barham commented: "The merging of ADS and GPT to work with the Amari businesses provides all of our customers with everything connected to printing from boards and hardware to roll media and inks.

"This can all be found on our new website, designed to help our customers find the right product solution for their specific challenge, be that a vehicle wrapping project or a major capital investment - all from the same place - a formats, all media, all good."

www.amaridigital.com



### Pearce Signs refurbs UK premises and opens Hong Kong office

UK-based sign manufacturer Pearce Signs and its global division The International Sign Alliance (TISA) has official opened its new Asia-Pacific head office in Hong Kong.



Pearce Signs' Nottingham premises is undergoing a refurb, making it fit for the future

Managing director Peter Snaith said: "We have carefully planned this expansion and now, having successfully worked with our TISA partners to complete a number of major rebranding programmes, including Bank of America, Dell EMC, The Royal Bank of Scotland, Yanfeng, Chase, Lexmark, Hewlett Packard and Johnson Controls, we feel that the time is right to expand into this robust economic market. The opening of our new office will allow us to reach more clients from across the globe in a bid to expand our current portfolio."

Hong Kong native Mike Tang has been appointed general manager of the Hong Kong office.

"This is a fantastic opportunity for the continued growth and development of TISA in a market with much potential," said Mike. "I think the list of powerhouse clients that we've already delivered solutions for speaks for itself on how well we deliver outstanding rebranding solutions for our clients globally. I'm delighted to be a part of this expansion."

"As part of our strategic expansion, we are extremely excited to have opened our new office in Hong Kong," concluded Peter. "This opportunity means we can continue to work with the biggest brands from across the world and offer them the same high level of service that Pearce Signs are well known for in the UK.

"Our strategy is not only focused on overseas markets; we are continuing to invest in our staff at our Nottingham HQ premises and undergoing a circa £300k refurb, making it fit for the future."

www.tisaglobal.com



### **IIJ showcases wallpaper production system**

Experts from Industrial Inkjet (IIJ) had a core part of its machine on display at the inaugural Pure Digital show held in Amsterdam in April, along with a full range of samples on various standard wallpaper media. Its stand featured a mural wall image to show the extraordinary capability of this new technology.

IIJ's development of a full speed industrial wallpaper production capability using digital technology developed in collaboration with partner Konica Minolta competes with conventional printing methods on productivity, print width, speed, ink performance and cost-per roll.

UK-based Industrial Inkjet is the official sales and technical support centre for Konica Minolta inkjet printheads outside of Asia

Prints coming off the system are not restrained on image length and involve a wide range of typical wallpaper media including paper, PVC and non-woven (coated and uncoated) – all printed at high speed.

Founder and managing director John Corrall said: "Pure Digital in Amsterdam



Industrial Inkjet's system makes digital print accessible and economic in high volume mass production wallpaper production



was an important opportunity to show our progress. Our system is not just for lowvolume mural applications but we believe it makes digital print accessible and economic in high volume mass production wallpaper production.

"When replacing older technology the performance and cost are always key but after that what defines how well the new technology is accepted is what you can do with it – what new abilities does it have and what opportunities does this give the user."

UK-based Industrial Inkjet is the official sales and technical support centre for Konica Minolta inkjet printheads outside of Asia.

"We see this market as at a tipping point now," said Corrall. "With the right solution digital has the potential to dramatically change what wallpaper is."

www.industrialij.com www.konicaminolta.com

### Keencut launches Authorised Demonstration Centre programme

Keencut and its specialist distributor ArtSystems have launched their Authorised Demonstration Centre programme designed to provide resellers with Keencut demonstration units at a discounted price and specialist sales training as part of an exclusive package.

ArtSystems division manager consumables Paul Tarry explained the purpose behind the initiative: "We saw the need to create a resellers' channel for Keencut that not only rewards investment but reinforces our resellers' confidence towards selling and promoting Keencut print finishing solutions.

"The programme is not open to everyone; we designed it to meet the needs of those who will reap the greatest rewards. To qualify resellers must already have an existing demonstration facility and make a firm commitment to send their sales teams for training. In return they will not only receive that special discounted pricing on



ArtSystems' Authorised Demonstration Centre programme is designed to provide resellers with Keencut demonstration units at a discounted price and specialist sales training as part of an exclusive package

the demonstration units and top-notch specialist training but marketing collateral packs personalised specifically for their needs.

"This Authorised Demonstration Centre programme is another fine example of how the ArtSystems' team works closely with our manufacturers to better support our hard-working resellers, with the aim of helping them towards even greater profitability."

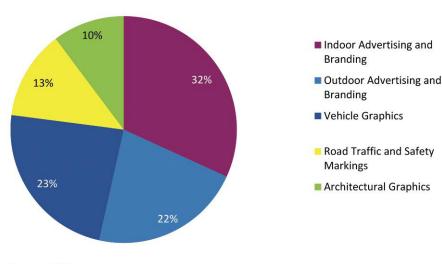
www.artsystems.co.uk

## Pressure-sensitive graphic films under the microscope

Pressure-sensitive films for the broad spectrum of graphic applications is the subject of a new edition of the established global market report from AWA Alexander Watson Associates: AWA Global Pressure-sensitive Graphic Films Market Study 2018. This is a major and diversified marketplace, representing a volume of

2575 million m<sup>2</sup> of material volumes in 2017 and AWA forecasts that it will continue to grow at 6.2% per annum in the medium term.

Most usage of pressure-sensitive graphic films continues to be in indoor advertising, promotion and branding while the



preferred film substrate is still monomeric calendered vinyl. However, the report shows that he fastest-growing end-use sectors today are vehicle graphics which now claim a 23% share of global sales and architectural graphics – currently a small segment but growing at 7.2% per annum. Cast films remain the preferred choice for durable applications, thanks to their high durability across a broad temperature range, paint-like finish and good conformability to irregular substrates.

The report provides a current overview of the graphic films arena in both global and regional geographical markets, supported by in-depth data and highlighting trends and opportunities of interest to both converters and material suppliers.

The AWA Global Pressure-sensitive Graphic Films Market Study 2018 is available to order online via the company's website, where full details of the study's content are available.

www.awa-bv.com

Source: AWA

ISSUE 178 MAY/JUNE 2018 Sign Update 67

Global graphic film market by segment



## Digital wall coverings will be key component in visual communications

For signmakers and commercial printers looking for diversification avenues, Antalis is advising that adding digital wallcoverings to their visual communication armoury will be key.

The opportunity arises as the demand for visual communication media in the interior design market is showing an unprecedented growth. With more and more designers recognising the multitude of benefits that come with digital wallcoverings and personalised wallpapers, printers and signmakers should strike while the iron is hot with this interior décor trend, said Antalis.

Channel head for visual communications Chris Green commented: "The wallpaper trend shows no signs of abating as business owners are seeking to refresh their interiors in an increasingly challenging and fast-paced retail environment and as such are demonstrating a rising interest in personalised reception areas and displays.

"Digital wallcoverings are an effective method of instantly transforming any interior into a creative and inspiring space. From homes, offices and receptions through to displays in retail stores, hotels and restaurants, there is no end to the possibilities that can be achieved through customising and personalising interior environments. For companies, it's a quick way to refresh a front-of-house setting and create stand out aligning to new concepts or branding. For interior designers, it's increasingly sought as a way to effectively transform a space from walls to ceilings and flooring, the possibilities are endless.

"Product development in recent years has meant that a range of high quality options are readily available and offer straightforward installation and removal, allowing for regular revamps. With textiles that are compatible with most digital inkjet printing technologies, the outcome is an accurate reproduction of paintings, photographs and graphics for a striking finish.

To support customers with taking advantage of this huge opportunity, Antalis offers three staple solutions from the Coala WallDesign range including:

Paste The Paper: as the most cost effective option, this product is suitable for home décor installations and available in a range of creative embossings with the added benefit of it being durable and washable.

Paste The Wall: these products are quick to apply and easy to remove as they come

off in one piece. They're best suited to hardwearing residential and commercial applications where you might need to regularly change imagery.

Pre-Pasted: offering fast application, these products have minimal mess. You can simply immerse the sheets in water and apply straight to the wall so they are ideal for environmental that need to be changed regularly.

As the interior design industry continues to evolve, printers must stay ahead of the innovation curve and be adaptable to the incoming trends," concluded Chris. "Product innovation and more straightforward application options means it's a win-win situation for those wanting to add another string to their bow."

Antalis Academy has introduced a training course on Digital Wallcoverings which is ideal for companies who are looking to get a complete overview of all aspects of application from preparation and positioning, to getting the best from the materials and tools. For more information or to book a place, visit www.digital2business.co.uk/antalisacademy.

www.antalis.co.uk



### Applications and creative content at the core of Sign & Digital 2018

Sign & Digital UK, the annual leading event for the sign making, display solutions and digital printing industry, welcomed over 5,300 visitors in April.

The three-day exhibition offered visitors a host of new interactive show features as well as access to over 185 leading suppliers and thousands of products and brands.

Sign & Digital UK's 2018 theme - Creativity Brought to Life – was delivered through a range of features including lively and inspiring keynote talks and panel debates in The Main Stage theatre. Celebrity retail expert Mary Portas delivered a wellreceived talk with audience Q&A during the show's opening day.

The Main Stage theatre doubled-up as a TV studio, capturing the sessions and filming the many demos, workshops and vibrant exhibition stands across the show floor.

Dedicated demonstration zones - Décor Live in partnership with Antalis, Vehicle Wrapping Live in partnership with Spandex and Textile Printing Live in partnership with Hybrid Services/Mimaki, showed visitors potential new revenue streams for their businesses, while encouraging them to have a go and benefit from one-on-one expert direction.

The exhibition attracted a comprehensive range of business visitors from across the whole of the visual communications industry and there was an increase in the number of visitors from the commercial print, event build, creative agency and retail sectors.

Event director Rudi Blackett said: "It's been another exciting year at Sign & Digital UK. Once again, I would like to say a big thank you to all of the exhibitors, visitors and show partners who supported the 2018 show. It is always a pleasure to see end users and suppliers come together to do business in a creative and dynamic environment. We are grateful to our fantastic line-up of speakers including the inspirational Mary Portas for delivering an engaging range of debates and keynote talks at this year's show. The innovative new features at the show brought a huge amount of energy and enthusiasm to all three days and we are already looking forward to hosting an even better industry event in 2019."

With a move to halls 3 & 3A in 2019, there has been a high demand for stand space, with some big names committing to a larger presence following a standout 2018 show. Sign & Digital UK returns to the NEC, Birmingham from 2 to 4 April 2019.

www.signanddigitaluk.com



Innovative features at the show brought a huge amount of energy and enthusiasm to all three days



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- Working knowledge of Illustrator, Photoshop and large format print software. Sign Fitting & graphics Installation.
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- High attention to detail. Full Driving Licence.
- Committed to meeting deadlines and targets.

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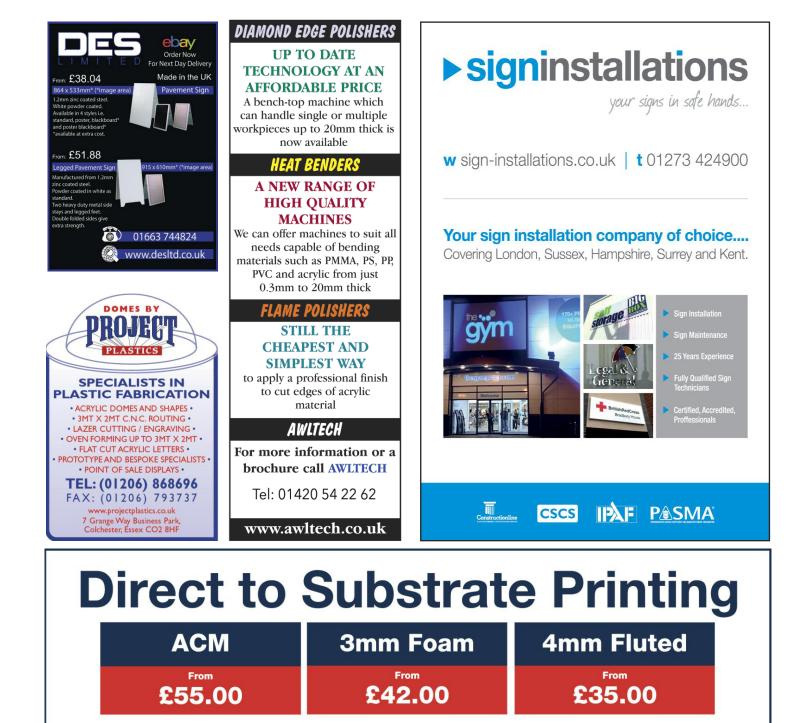
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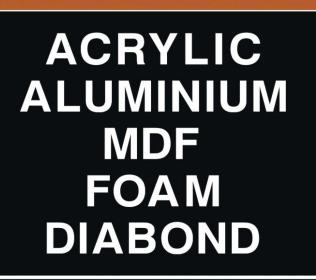
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82 Sign Update

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Tamworth, Staffs B77 5BX Mob: 07482 720335 info@jphsignfitter.co.uk www.jphsignfitter.co.uk JPH Signs are an up and coming UK Sign & Vinyl Company. From Shopfronts to Flex faces, From Window Manifestation to Digital Wall Prints, we handle it all and our Portfolio can be seen via our website. Midlands Based UK Coverage. Continuously over the past 18months to work with some of the UK's biggest sign companies.

#### **MEDIA ABSEILING**

69 Soulbury Road, Leighton Buzzard, Beds, LU7 2RW Tel: 0845 345 7712 Mob: 07702 950 218 info@mediaabseiling.com www.mediaabseiling.com Rope access company specialising in the installation and maintenance of all types of signage, banners and lighting. We operate nationwide and throughout Europe and provide advice, site visits, fast turnaround and most importantly award-winning results.

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Under-Lyne OL6 7QZ Tel: 0161 8 300 600

info@midasignservices.co.uk www.midasignservices.co.uk Professional installation and maintenance of all types of signage, graphics and banners. Including, Site surveys, Illuminated signs, Flexface signage, LED etc. Nationwide service. Established 1984.

### PERFECTIONIST PROJECTS

#### Dittons Road, Polegate, BN26 6HY Tel: 01323 489361

www.perfectionistprojects.co.uk Our unbranded installation crews are very experienced, fully qualified and are all directly employed by us, we do not sub-contract out work - this ensures clear and accurate communication at all times. We are available at short notice to assist your company anywhere in the UK with a complete range of professional services.

### SIGN INSTALLATIONS (EST. 1995)

#### 2-4 Foredown Drive, Portslade, East Sussex BN41 2BB

Tel: 01273 424900 sales@sussexsigns.com www.sign-installations.co.uk Let us be your professional sign installation team, in London, Sussex, Hampshire, Surrey and Kent. With 25 years of sign installation experience, our neatly presented fitting crews will work for you to increase your profits. Customer service and client confidentiality are paramount, so you can be sure your hard earned reputation is in safe hands.

#### SIGNS & GRAPHICS INSTALLATIONS 40 Sherwell Valley Road, Torquay,

Devon TQ2 6EY Tel: 01803 701 887

steve@signsandgraphicsinstallatio

www.signsandgraphicsinstallations. co.uk

Signs & Graphics Installations offer a one-stop installation and maintenance service, providing a whole package: surveying, project managing, installation and maintenance. Once we receive your order our professional sign fitting crew will be able to install, maintain and finish your signage to the highest standard.

#### LAMINATING/ENCAPSULATING

#### VIVID LAMINATING TECHNOLOGIES

Matrix House, Norman Court, Ivanhoe Business Park, Ashby de Ia Zouch, Leicestershire, LE65 2UZ Tel: 0345 1 30 40 50

sales@vivid-online.com www.vivid-online.com Vivid supply a wide range of laminating products including the award-winning Easymount range of wide format laminators, available in cold, heat assist and hot models. Vivid also supply the Boss range Pressure Sensitive Over Laminates, Self Wound Mount Films & Printable Vinyl Roll fed and the Trimfast range of wide format Board Cutters and Multi Substrate Cutters.

#### LASER CUTTING/ENGRAVING

#### **SIGN HERE**

179 Fosse Road North, Leicester, LE3 5EZ

Tel: 08085 428021 sales@sign-here.co.uk

www.sign-here.co.uk Trade service for Laser flat cut & built up lettering & logos in Acrylic, Aluminum & Stainless steel. We will give you a professional reliable & efficient service at a competitive price. From a single letter to a fully illuminated sign ready for installation. For a quote or just friendly advice contact us. We are here to help. Work with us.... work with experiance

#### SYGNET SIGNS LTD

129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com www.sygnetsigns.com Sygnet Signs offers a laser-cutting service and stocks a wide variety of materials in various thicknesses to suit you. We can also fabricate signage from free issue materials, using our lasers to cut stainless steel up to 4mm and mild steel up to 12mm in thickness. We can also cut very small acrylic detail with preapplied double-sided tape, and all work is carried out on-site at our Leicester HQ.

#### THINK LASER LTD

Unit 3, Perrywood Business Park, Honeycrock Lane, REDHILL, Surrey RH1 5DZ

Tel: 01737 826902 info@thinklaser.com www.thinklaser.com

Our Subcontract department offers a high quality laser engraving service for permanently marking flat, cylindrical and irregular surfaces of virtually any material. We also offer laser cutting up to 1400 x 900mm in size and 18mm in thickness on a wide variety of non-metallic materials such as acrylic, PLY and MDF. With a minimum order value of £30, laser processing has never been so affordable.

### LASER CUTTING/ENGRAVING MACHINES

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Tel: 01422 310 800 sales@hpclaser.co.uk www.hpclaser.co.uk Specialist suppliers of LASERSCRIPT CO2 laser engravers and cutters. Our lasers are capable of cutting, engraving and marking a wide range of materials including laminate, metal, glass, acrylic, textiles, wood, paper, card and leather. Optional 1 to 3 year ONSITE warranty available and unlimited technical support. Established in 2006, over 4000 machines supplied!

#### THINK LASER LTD

Unit 3, Perrywood Business Park, Honeycrock Lane, REDHILL, Surrey RH1 5DZ

Tel: 01737 826902 info@thinklaser.com www.thinklaser.com The "Lightblade" range of flatbed CNC laser cutting and engraving machines are specifically designed for non-metallic marking and cutting applications. Our comprehensive system specification and 1st class training and support ensures you will be up and running in no time. With bed sizes ranging from 300 x 400mm up to 1600 x 1000mm there's a system to suit all applications and pockets. Call us now!

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Unit 3 Faraday Close, Washington, Tyne & Wear NE38 8QJ Tel: 0191 580 1184

www.troteclaser.co.uk Manufacturers and suppliers of leading laser cutting, marking and engraving technology, Trotec offers a range of lasers with desktop, flatbed, large format and galvo options. With 6 showrooms in the UK and Ireland, hands-on workshops, training and demos show the high quality engraving and productivity of Trotec's laser machines. Trotec also supplies its own range of rotary & laser materials.

#### LED ILLUMINATED LETTERS

### ACCENT SIGNS LTD

Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT Tel: 0121 561 4600 accsign1@aol.com www.accentsignsltd.co.uk Accent signs "SLIMLITE" flat cut letters & logos made from 6mm opal acrylic with imbedded super bright white Led's to create a unique edge and halo illumination. Available with ACM, Acrylic or vinyl faces. Suitable for internal & external use. Supple with standard locator fixings for ease of fitting.

#### LED ILLUMINATION

#### 3D SIGN SYSTEMS LTD T/A CITI LED

Unit 1, 411 Pollokshaws Rd, Glasgow, G41 1QZ

Tel: 0141 422 2500 sales@citi-led.co.uk www.citi-led.co.uk

We are a trade only supplier of LED Modules for all types of channel letters, light boxes and solid acrylic "Neon" effect type letters. We have some very unique specialist LEDs, visit our website for product information and installation tutorials. We offer premium grade reliable products at highly competitive prices. Our unrivalled pre-sales guidance and after sales support will ensure your projects are executed with maximum effect.

#### APPLELEC

#### Unit 1, Wharfedale Business Park, Shetcliffe Lane, Bradford BD4 9RW

Tel: +44 (0)1274 774477 sales@applelec.co.uk www.applelec.co.uk

Trade suppliers of proven LED lighting solutions and manufacturers of the flat lighting unit, LED Light Sheet. Energy efficient, award winning LED lighting modules in a variety of colours including RGB (colour changing) are available for both indoor and outdoor applications. Applelec offer unrivalled service and after sale technical support for our LED solutions to ensure customers receive continued assistance.

#### ARTILLUS - WAYS 2 DISPLAY LTD

Britannia House, 29 Station Road, Kettering, Northants NN15 7HJ Tel: 0333 123 0345

sales@ways2display.com www.artillus.com

DIAMOND 24V LED light boxes and GARNET light panels can be produced in any size up to 3000 x 1500mm. Diamond light boxes have a 20mm deep frame and 25mm snap frame front. Standard sizes in A4 up to A0 for next day delivery. Custom boxes & GARNET 8mm deep light panels can be made in single colour LED or RGB with controllers, can be dimmable or have built-in phasing. No minimum order quantity.

#### FOCUS LED UK LTD.

Unit 64 Cariocca Business Park, 2 Hellidon Close, Arkwick, Manchester, M12 4AH

Tel: 0161 27 27 778 sales@focusledItd.co.uk www.focusledItd.co.uk Specialise in LED Lighting for Signs & Shop fitting, Kitchens, Restaurants, Commerical & Domestic Lighting. Quality & Professional Lighting to get your job done by giving you our best advises, there is no job too small. You only pay for quality products at Focus LED. Check out our gallery to see how we helped others to achieve their projects.

#### **KINGS PLASTICS LTD**

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Tel: 0117 9411 411 enquiry@kingsplastics.co.uk www.kingsplastics.co.uk White, warm white & coloured LED modules in 4 sizes and LED ribbon – Flexi ribbon & RGB ribbon, 12v power convertors, RGB controllers, together with a range of connectors. Leds ideal for lettering & lightboxes. For full details on our range, prices and for images, check out our website & online shop. Competitive prices guaranteed!

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#### 129 Humberstone Road, Leicester LE5 3AP

Tel: 0116 262 5933 sales@ledsolutions.co.uk www.ledsolutions.co.uk Since 2005, LED Solutions has supplied energy-efficient LED products, power supplies and control gear for use in the sign trade. We're UK distributors for Hitechled, specialising in ultra-reliable modules for signage illumination and offering a 5-year warranty on all products. We supply RGB modules, DMX systems, Flexible LED and IP-Rated Power Supplies and Enclosures from our HQ in Leicester city.

#### **OSHINO LED LIGHTING**

1 Churchfield Court, Robey Close, Linby, Nottingham NG15 8AA Tel: 0115 964 1305 Mob: 07766 777878 sales@oshino.co.uk www.oshino-lamps.co.uk www.oshino-lamps.co.uk New H-LED 333 is a chain LED lighting system for built-up channel letters, flat-cut letters and other sign lighting applications. Manufactured other sign lighting applications. Manufactured using a state-of-the-art automated assembly process, H-LED 333 promises to bring a new level of economy to the discerning sign maker along with a fully featured specification you would expect from Oshino.

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225 Long Lane, London N3 2RL Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk Chromasign launched at Sign UK. We offer a complete range of ChromaForm Letters with Halo Lighting not available anywhere else. Ring Susan or Lesley for details and samples

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Tel: +44 (0)118 903 3290 www.led-supplies.com One of the largest suppliers of the widest range of LED strip lighting in the UK. The 'How to use LED strip 'videos on YouTube from LED-SUPPLIES.COM have now had over 2.5 million views. Massive range of high reliability LED strip lighting from stock for next day delivery. Full technical support and wide range of installation accessories and controllers

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sales@applelec.co.uk www.applelec.co.uk Trade suppliers of fabricated and extruded light boxes, custom made to client design requirements. From flat faced and curved styles, to LED illumination and colour changing modules, a definitive range of light box products are available. Applelec's flat light unit LED Light Sheet is regularly used to create ultra slim light boxes with even illumination and a depth of just 25mm.

#### BROWNINGS LTD 157 English Street, Hull, HU3 2BT

Tel: 01482 380900 sales@browningsltd.co.uk www.browningsltd.co.uk Brownings is one of the largest TRADE ONLY suppliers of signage products in the UK. The Company manufacture everything from poster frames to flex-faced signage. We have our own extrusions for the manufacture of acrylic-faced light boxes and can supply as lengths, in kit form or as ready-made up signs. All to your individual, specific requirements in terms of size, colour or shape.

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Sheffield S9 5AH Tel: 0114 244 1171 sales@anchormagnets.com Www.anchormagnets.com UK's largest stockist of magnetic & ferro material including universally printable & wide format digifilm® ferrous media (1600mm) supaferro® ferro sheet (1260mm) & supamag® magnetic sheet (1270mm) with the UK's highest pull force & anti-mark UV coating, in white, plain, self-adhesive & dry-wipe. For graphics, retail PCS, signage, holding & hanging products use the UK's leading magnetic innovators.

#### BISBELL MAGNETIC PRODUCTS LTD.

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Tel: 01283 531000 sales@bisbellmagnets.com www.bisbellmagnets.com The UK's widest range of digitally printable wide format magnetic and ferro sheet (both over 1200mm wide). Maxmag vehicle grade magnetic materials available in white, plain or adhesive backed - by roll or cut to your specific requirements. Also available neo magnets, vehicle roof magnets, sign grippers and a full range of high tape to suit every budget and application.

#### MAGNETIC SOLUTIONS LTD

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Tel: 0114 2422211

sales@magnetic-solutions-ltd.co.uk www.magnetic-solutions-ltd.co.uk Part of the Sanders Group, Europe's largest combined supplier of magnetic & ferro sheet materials including wide format magnetic (1370mm) and ferrous media (1600mm). Also available, retail POS graphic materials, magnetic flooring, neo magnets, sign grippers and magnetic tape with a range of adhesive finishes to suit your requirements. We can provide the solutions.

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#### SIMPLEX LTD Unit 3 - 16 Peter Rd, Lancing Business Park, Lancing, West Sussex. BN15 8TH

Tel: 01903 750333 sales@simplexltd.com www.simplexltd.com Simplex are a trade only supplier of metal fabrications and sign systems. With an in house CNC router, 3 metre guillotine, brakepress and rollers, full welding equipment and much much more we are able to turn your ideas into reality!! From basic trays, to fret cut and illuminated fascias, oval lightboxes, built up metal letters, right up to 7 metre monolith signs we've pretty much made it all!

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Tel: 01934 852 888 sales@signscape.co.uk www.signscape.co.uk Serving the Sign Trade for over 40 years, we are a leading manufacturer of modular sign systems, notice boards & information displays. Our systems create a wide range of sign solutions including; post and panel, flush panel and curved panel signs; wayfinding signs, wall directories, monolith and fingerpost signs. Other products include exterior notice boards, poster/menu cases, and letter boards.

### SIMPLEX LTD

Unit 3 - 16 Peter Rd, Lancing Business Park, Lancing, West Sussex. BN15 8TH Tel: 01903 750333

sales@simplexltd.com www.simplexltd.com Simplex are a trade only supplier of sign systems and metal fabrications. We offer a range of Pole & Plank products for post and wall mounted signs, fingerposts and mini monoliths. For versatile curved interior directories our System 4 is unbeatable whilst as an approved convertor for the Accord 15 "slat" type system and a recognised supplier of MSS we really hope we can help with all your needs.

#### MOULDED & FABRICATED PLASTICS

#### **MERCURY & PHILLIPS SIGNS**

### 51-59 Waterworks Road, Norwich NR2 4DA

Tel: 01603 666699

sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk Suppliers of moulded acrylic pans and logos up to 2800mm x 1500mm and other types of press and vacuum forming in PVC and HIPS. Specialists in fabricated plastics for POS displays with full screen print, graphics and CNC routing capabilities.

#### **PROJECT PLASTICS LTD**

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#### Colchester CO2 8HF Tel: 01206 868696

project.plastics@btinternet.com www.projectplastics.co.uk Manufacturers of acrylic domes and shapes, tubes, point of sale displays and showcases. Bespoke plastic fabrication. CNC routering, diamond edge polishing, 3m x 2m moulding oven for oven forming, vacuum forming and screen printing. Plastic cut to size service.

#### MOULDED LETTERS

ACCENT SIGNS LTD Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT Tel: 0121 561 4600 accsign1@aol.com www.accentsignsltd.co.uk Largest range of moulded acrylic letters in the UK. Mirror effect moulded letters, LED illumination, logos, panels, complete fascia panels, blow moulding, aluminium, composite trays and morel Samples on request.

#### MERCURY & PHILLIPS SIGNS 51/59 Waterworks Rd. Norwich NR2 4DA

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk Moulded letters and logos in all standard Perspex colours and UV stabilised gold and silver acrylics, in 8 standard sizes, bespoke sizes available on application. Press, vacuum and blow moulded pans, in acrylic and petg also available.

#### SIGNTRADE LETTERS LTD

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Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk Moulded letters are our speciality with stock of 20 fonts 8 letter heights in coloured Perspex and 1000's of flat cut letters as well. Your own font or logo is made by our own toolmakers. With over 60 years of experience to call on.

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Tel: 0117 955 3385 info@ward-signs.co.uk www.ward-signs.co.uk Having patented the original method of making cast resin letters, Wards of Bristol can manufacture and supply resin lettering to the highest standard. Our stock patterns for resin letters are a cost effective method of achieving the same styles as traditional bronze and aluminium (which we also cast in house) but we can also make custom designed patterns for letters and logos for all your needs.

#### NAMEPLATES

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Tel: 020 8646 9886 enquiry@a1designs.co.uk www.a1designs.co.uk Neon & Cold Cathode Manufacturers to the Trade. Fast turnaround & Delivery, Quick repair service. Installation, Fault diagnosis, Repairs & Maintenance. Confidential Service. All neon accessories, Transformers, Cable, Tube supports etc.

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Tel: 01634 841300 info@avenuesigns.co.uk www.avenuesigns.co.uk

Full computerised design service neon and cold cathode lighting. Fully qualified installation engineers, fault diagnosis, fast repair service. Complete sign service from vinyl through to acrylic to polished stainless steel to transformer and neon accessory supplies.

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Rd., Cradley Heath B64 6NT Tel: 0121 561 4600 accsign1@aol.com www.accentsignsltd.co.uk Accent Signs "LITEFORM" letters & logos with a moulded half round acrylic profile of only 15mm to look like Neon glass. Illuminated with super bright Led's. Available in a wide range of colours. Suitable for internal & external use. Supplied with standard locator fixings for ease

of fitting.

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www.noticeme.org.uk Sign companies come to us for a truly extensive range of standard and made to measure, indoor & outdoor notice boards and whiteboards. Standard internal pin boards are available in over 100 felt colours and our cut to size service is available on many products. We supply some extremely competitive outdoor notice boards to compliment your sign work. See our complete range of display products.

#### SIGNSCAPE AND SIGNCONEX LTD

#### Pear Tree Works, Bath Road, Upper Langford, Bristol BS40 5DJ Tel: 01934 852 888

Tel: U1934 852 888 sales@signscape.co.uk www.signscape.co.uk Serving the Sign Trade for over 40 years, we are a leading manufacturer of modular sign systems and notice boards. We have the widest range of exterior notice boards of all UK manufacturers, and specialise in tailoring our boards to suit each location. This is achieved through a wide range of options, including; wall, rail, post and stand mountings, mains/solar illumination and custom graphics.

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#### BRETT MARTIN PLASTIC SHEETS

#### 24 Roughfort Road, Mallusk, Co Antrim BT36 4RB

Tel: 028 9084 9999 semifinished@brettmartin.com www.brettmartin.com Brett Martin is a leading manufacturer of plastic sheet products for signage, interior design, shop outfitting, POS displays and fabrication. Products include Foamalux, the extensive foam PVC range in bright White, Satin and Gloss colours and an environmentally friendly Recycled material in addition to Polycarbonate, PVC, Acrylic, aPET, PETg and Styrene sheet.

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#### Lefevre Way, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk NR31 0NW

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk Signwaves is the UK's leading supplier of point of sale equipment. From trade exclusive Stand-Off Sign Fixings to a wide range of glass mounted, wall mounted and suspended poster holders, there are a multitude of fittings available to mount displays in any location. Pavement and forecourt signs, illuminated displays and portable exhibition displays also form part of the Signwaves collection.

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UK Point of Sale leading manufacturers of display products Acrylic & PVC poster holders, Sign Supports, Aluminium Snap Frames, A Boards, Poster cases & Point of sale fittings.

#### POLYSTYRENE SIGN SERVICE

#### FONTEYNE SIGNS & DISPLAYS Unit 3, 181 Verulam Road, St

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157 English Street, Hull, HU3 2BT Tel: 01482 380900

sales@browningsltd.co.uk www.browningsltd.co.uk Brownings is one of the largest, TRADE ONLY suppliers of signage products. We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. The two versions of poster holders, the slimlock and menu case are both thin, lockable and hinged. They are available in any practical size and colour.

#### SIGNSCAPE AND SIGNCONEX LTD

Pear Tree Works, Bath Road, Upper Langford, Bristol BS40 5DJ Tel: 01934 852 888

sales@signscape.co.uk

www.signscape.co.uk

Serving the Sign Trade for over 40 years, we are a leading manufacturer of modular sign systems, notice boards & information displays. Our Avenue poster case provides high quality yet affordable, external poster display. Sizes from A4-A0, in wall, post, and rail mounted versions, with headers and sign panel options. We also manufacture illuminated menu cases for hotel and restaurant settings.

#### **SIGNWAVES**

#### Lefevre Way, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk NR31 0NW

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk Signwaves supplies poster displays suitable for both indoor and outdoor use. As the UK's largest manufacturer of point of sale signs and displays, Signwaves can provide you with high quality poster frames, snapframes, menu cases and lockable noticeboards. Express made to order service is available for a selection of custom coloured Slimlok Menu Cases, Poster Cases and Noticeboards.

#### **UK POS**

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Tel: 0161 431 4400/4411 www.ukpos.com

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sales@browningsltd.co.uk www.browningsltd.co.uk Brownings is one of the largest, TRADE ONLY suppliers of signage products in the UK. We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. The aluminium frame are available in two widths, 25mm and 38mm, can be supplied to your specification and can even be illuminated.

#### SIGNWAVES

#### Lefevre Way, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk NR31 0NW

Tel: 01493 419300 enquiries@signwaves.co.uk

www.signwaves.co.uk Signwaves supplies poster displays suitable for both indoor and outdoor use. As the UK's largest manufacturer of point of sale signs and displays, Signwaves can provide you with high quality poster frames, snapframes, menu cases and lockable noticeboards. Standard stocked snapframes have guaranteed low prices with the Signwaves snapframe price match policy.

Sign Update 87

ISSUE 178 MAY/JUNE 2018

#### UK POS

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Programmable LED text and video specialists for Electronic Digital Signage, standalone or incorporate in your own sign project. Many products are available from stock for Indoor & Outdoor applications, over 15 years experience in the market. Call now for a free quotation or to arrange a visit from a member of our national sales team.

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www.perfectionistprojects.co.uk We produce Schematic Drawings showing all significant components, parts, and their interconnections by means of standard symbols. Schematic diagrams for a project may be used for preparing preliminary cost estimates. We are very experienced in processing Advertising Consent Planning Applications for all sectors including Retail High Street, Petroleum and Corporate, all at very competitive rates.

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#### **SIGNWAVES**

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Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk Signwaves is the UK's leading manufacturer and supplier of projecting signs, fabric flags and flying banners. A selection of wall mounted, glass mounted and freestanding options are available, with many units suitable for interior and exterior use. All of Signwaves' projecting signs and flags can be printed to order if required.

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