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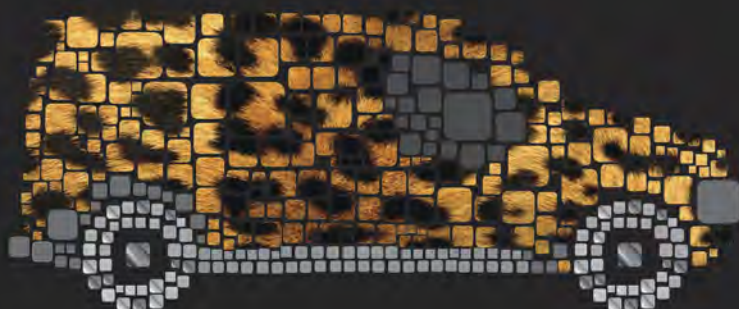
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Advertising Manager - **Martin Hinchliffe**.....Tel: 01784 605 601
email: martin@signupdate.co.uk

Editor - **Kathryn Johnson**.....Tel: 01784 605 602
email: editor@signupdate.co.uk

Features Editor - **Jemima Codrington**Tel: 07772 516 227
email: jemima@signupdate.co.uk

Graphic Design - **Tony Hinchliffe**.....Tel: 01784 605 601
email: tony@signupdate.co.uk

Accounts - **Linda Hinchliffe**.....Tel: 01784 605 601
email: linda@signupdate.co.uk

Publisher - **Roger Hinchliffe**.....Tel: 01784 605 601
email: roger@signupdate.co.uk

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WELCOME *Page*

As lovely as the sunshine has been recently, it can cause problems with visibility, reflection and even 'bleaching', especially with digital signage. In our project news section Virgin Media tells us about their new display screen made with Esprit Digital that can be viewed clearly in any light conditions. But this is just one of many interesting projects we have in this issue, which showcase innovative, unique and creative solutions in signage and graphic display projects. One not to be missed is Cobal Signs explaining how they met the challenge of making signs and wayfinders in a school for pupils from 2 to 19, with a range of complex needs such as physical and sensory impairment.

As always our features take an in depth look at relevant issues in the industry and are a must read to keep abreast with changes and developments in technology and products. In the traffic and safety signage feature we talk to industry experts about how digital signage has caused a bit of a revolution in traffic signs. And in the LED feature we see how this popular type of lighting can be used to get the best effect, as well as some do's and don'ts when installing them.

We were recently challenged on Twitter about not reflecting women signmakers in one of our features. And it got us thinking about whether there are perceived or real obstacles to more women working in this sector. We'd love to hear from you if you are a woman signmaker, or do car wrapping etc because we rarely do! In the next issue we'll be speaking to a female signwriting apprentice about her experience so if you have anything to add, please get in touch. Till the next time...

Kathryn



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Lighting up with the Sign Group

The Sign Group, who are a trade supplier of signage, LED lighting and cnc/lasercut components have expanded their signage and lighting product range as they have gone from 'strength to strength' over the last year.

This 'enthusiastic company is eager to help about anything related to signs and displays and this versatility has enabled them to create three new roles over the last 12 months, as well as the new ranges'.

The newest product available from The Sign Group is the NeonPlus™ range of illuminated lettering.

The NeonPlus™ range started life when they were developing and tweaking various signage options for a customer who had a vague brief for them to produce slim-line illuminated lettering where there were colour and finish options. All with the 'ethos of producing high quality, economical solutions with a modern feel'.

As the products are all manufactured in the UK, The Sign Group had great flexibility to try different things that ended up with them having a large range of 'standard' options to offer their customers.

"They are brighter, far more versatile and much quicker to produce than any comparable product out there as well as being cheaper," says Graeme Hoole, Production Manager.

The NeonPlus™ illuminated letter range gives you exceptionally high brightness with a very slimline built up profile and is 'perfect' for internal and external signs. It's 'very strong and robust, easy to fit and will outlast other comparable alternatives'.

You have complete control over all other aspects of the letters, according to the company:

Any letter style or shapes, thousands of colour combinations of letter and light and various fixing methods to choose from.



Features:

- 20mm to 30mm letters/shapes manufactured from acrylic to give a flawless finish
- Various backings including acrylic, aluminium and stainless steel
- Standard fixings are locators or threaded studs
- 24v LED illuminates the letters/shapes with over 160 leds p/m, the brightest LED strip there is!

Extras:

- All of the products (except NP8) can have coloured acrylic bonded to the face or back if that suits your specification better
- Dimmers and flasher units can be added for that extra flair

The Sign Group have had all the styles tried and tested in 2014, and they now appear in 100's of high street retail outlets - see if you can spot them!

www.neonplus.co.uk



Brett Martin inspires visitors to 'change for the better'

Brett Martin, the global manufacturer of plastic products for the construction, fabrication, print and display sectors, 'attracted wide interest' in its products at FESPA Digital 2014. The company's full portfolio of Foamalux Foam PVC, Marlon Polycarbonate and Marpet-g FS PETg media for print applications were showcased on its stand, while its Foamalux range took centre stage.

Challenging the print community to 'Change for the Better', Brett Martin displayed the versatility of its Foamalux range for sign and display applications with clever, innovative designs on its stand. The vibrant blue butterfly, which was printed direct to

Foamalux White, demonstrated the product's 'premium smooth surface, quality edge finish and workability'. While the decoupage white butterflies, also on Foamalux White, were cut to shape and heat bent before being bonded to the stand panels.

Visitors were also drawn to the eye-catching Zebra panel that showcased the dramatic results that can be achieved with Foamalux Xtra by engraving the white surface layer to reveal the recycled black core.

Finally, the neon green Foamalux Colour panel with translucent animal print vinyl and black Foamalux Ultra with its premium gloss shop fitting finish, ensured a 'brilliant end-result on the stand's presentation'.

Brett Martin's Foamalux Foam PVC range is available throughout Europe and is one of the most extensive ranges in the world:

www.foamalux.com

- Foamalux White in 1-24mm with a bright white finish.
- Foamalux Colour with a palette of 15 colours in a matt silky smooth finish.
- Foamalux Ultra is durable and rigid in white plus six colours in a high gloss finish
- Foamalux Xtra is the 'green' choice with a black recycled core and premium white surface in 3-19mm



Canon launches wide format flatbed printer for high quality, productive rigid media printing

Canon has announced the Océ Arizona 6100 Series, a new Arizona series printer platform designed for sign and display print service providers who produce over 30,000m² of printed rigid media per year. Comprised of the 6-colour Océ Arizona 6160 XTS and the 7-colour Océ Arizona 6170 XTS, the Océ Arizona 6100 Series extends the award-winning technology of the Arizona range to a new level of productivity. And for the first time, gives the high volume rigid printing market access to Arizona print quality, application versatility and ease of use.

With a focus on 'pure' productivity, the 6100 Series has been optimised for the efficient and high speed production of rigid media applications. Designed as a dedicated flatbed system, the series features an extra-large 2.5m x 3.05m vacuum table to keep media and objects stationary during printing for optimal print quality and rigid media application versatility. The true flatbed architecture supports the broadest range of rigid media applications. Including printing on odd-shaped, heavy, smooth or pre-cut rigid media; the production of high value, multi-layer applications; double-sided prints in perfect register; large prints tiled over multiple boards with perfect geometry; and edge-to-edge printing without hassle or mess.

The flatbed table has two independent printing zones, each with its own vacuum system, for simultaneous printing and media

loading/unloading. So that one board can be always staged and ready, while the other is being printed, to enable non-stop production. Alternatively, the two zones can be combined into one to enable 2.5m x 3.05m prints. Pneumatic registration pins ensure a quick, repeatable, easy loading of rigid media in perfect register every time. Together with a high-flow vacuum system for effective pull-down of even warped rigid media, it means that the operator needs only seconds to load even the largest boards in perfect register. With media loading this easy, a single operator can service two printers simultaneously, producing almost 50 boards per hour in Production mode.

With almost 27,000 piezoelectric nozzles in a seven-row printing carriage, the Arizona 6100 Series rapidly and reliably produces inkjet print output at speeds up to 155m² per hour. A newly designed Automated Printhead Maintenance System provides completely automated, hands-free printhead cleaning in less than 25 seconds per colour. Employing the award-winning Océ VariaDot™ printing technology as all other Arizona Series printers, the 6100 Series also offers the same 'near photographic' print quality, while using light inks for reliable printing in even the fastest production modes. Finally, Active Pixel Placement Compensation, ensures that every pixel is adjusted to land exactly where intended for accurate, uniform print geometry over the entire flatbed.

The Océ Arizona 6100 Series printers are easily expandable with two additional available ink channels for white ink application support and future use. A hardware/software interface allows for easy integration with third-party automation and workflow systems.

"Delivering high speed without compromising on print quality, the Océ Arizona 6100 Series features new capabilities designed to ensure it is the most productive, most reliable and easiest to use Arizona printer ever," said Duncan Smith, Director of Wide Format Group, Canon UK. "For a new group of customers who require high-volume rigid media printing capacity, it delivers award-winning print quality with the broad application range of a true flatbed architecture, enabling them to push the boundaries of their service offerings."

www.canon.co.uk

- New Océ Arizona 6100 Series features two models: 6-colour Océ Arizona 6160 XTS and 7-colour Océ Arizona 6170 XTS
- Arizona print quality at speeds up to 155m² per hour for print service providers who produce 30,000+m² of printed rigid media per year
- Featuring automated printhead maintenance, pneumatic media registration pins, high-flow vacuum system, and two independent printing zones for non-stop printing



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PRODUCT *News*

Avery Dennison expand film range



The number of colours and finishes in the Avery Dennison Supreme Wrapping Film portfolio in Europe has just increased to 82.

Design options are further enhanced with the addition of four 'Conform Chrome' materials (Chrome Silver, Chrome Black, Chrome Gold and Chrome Blue). Six satin films are included in the portfolio— black, white, khaki green, awesome orchid, carmine red and bubblegum pink. These satin films give unique medium-lustre finishes, with both matte and gloss characteristics and the appearance of real satin paint. "We have had excellent feedback on the colours and film performance from car wrap installers," said Anne Konigs, product manager Avery Dennison Graphics Solutions Europe. "These new satin finishes are highly

appealing to car enthusiasts who want to customise their vehicles."

Also included in the Supreme Wrapping Film portfolio are seven new colours: Matte Khaki Green, Bahama Blue Pearl, Black Pearl, Quick Silver Gloss Metallic, Blaze Orange Matte Metallic, Midnight Sand Matte Metallic and Lagoon Blue Matte Metallic.

The unique 'paint-like finish' vinyl now offers 'more choices than ever'. This film uses a clear protective layer to ensure a durable vehicle wrap that lasts up to 12 years, and the material easily accommodates difficult curves and recesses.

Konigs adds that the expansion of the range reflects its rapid growth in popularity: "This material is the product of choice for

premium vehicle wraps. With superb conformability and durability, and the substantial time savings made possible by Easy Apply™ RS technology, it gives applicators a sure-fire way to deliver optimum impact and quality, and to reassure customers that removal can be fast and damage-free."

Supreme Wrapping Film can also be colour-matched to virtually any custom colour within two weeks. Konigs said: "The colours, textures and chromes available for this material mean that a showroom quality paint-like finish can be achieved quickly on private and commercial vehicles alike, with the finished 'look' limited by almost nothing except the designer's imagination."

www.averydennison.com

The 'fastest' digital soft signage printer from Durst

The Rhotex HS 'leads' digital soft sign printing into the productivity of industrial textile printing. The existing Rhotex 322 is currently the fastest digital textile printer. However, the new Rhotex HS is over twice as fast as the Rhotex 322 and makes it competitive with industrial textile printers but with all the advantages of digital over analogue technology. It is capable of printing up to 300 m²/h and a typical production schedule would be 500,000 m² per year at a highly competitive cost per m².

The market continues its rapid growth with over a 30 per cent increase expected this year, according to the company. The Rhotex HS is Durst's reaction to this market requirement. It is designed for 'rugged industrial use' whilst offering all the advantages of digital printing.

The new printer features Durst Quadro Z printheads with a print carriage of over 49,000 nozzles and a resolution of up to 1200 dpi with a drop size of 7, 14, or 21 pl. With eight colours, greyscale and primary printing options, the Rhotex provides the finest print quality. The Rhotex HS uses eco-friendly water based dispersed dye inks that are odourless, VOC free and recyclable. They also comply with Blue Wool scale 5-6, suitable for up to two years' outdoor use.



The Rhotex HS will print up to 330 cm width by any length, and with unrivalled data and image flexibility, 24/7 reliability and the finest quality of print, the Rhotex HS is ideal for: banners, posters POP/POS displays, indoor wall graphics, trade show displays, parasols, flags, backdrops and outdoor advertising.

The Rhotex HS will provide the user with a competitive advantage for the production of a wide range of publicity material and further enhances Durst's leading position in the soft signage market, they say.

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Esko extends its Kongsberg finishing product line

Esko has extended its range of Kongsberg digital finishing tables by introducing the new Kongsberg V series. Kongsberg V cutting tables deliver 'reliability, precision and ease of use' for companies in the sign and display markets looking to complement their offerings with productive digital finishing. Built on the robustness of the Esko Kongsberg family, the new V series offers standard configurations for the 'best possible finishing quality' of a diverse range of packaging and sign and display applications.

"The Kongsberg V series joins the well-known Esko Kongsberg X series and the recently launched large format C series platform," says Marian Zincke, Esko VP Digital Finishing. "The launch of the V series extends our family of digital cutting solutions to make them accessible to companies who need an entry-level cutting solution but who do not want to compromise on quality, precision or reliability."



"Results clearly illustrated that there is a global need for a high-end digital finishing solution at an attractive entry-level price."

The Esko Kongsberg V series is available in two standard configurations, each including the necessary tools to process market specific applications:

- The Kongsberg V for sign and display comes with a MultiCUT tool head for vision controlled cutting and routing. The MultiCUT combines all tool insert options with an air-cooled milling spindle up to 45,000 RPM, perfect for a wide range of sign and display materials including acrylics and other synthetics. The camera system and innovative front-end software make it the perfect solution for production of lower volumes of signs and displays.

- The Kongsberg V for packaging is specially configured for sample making, short run production of mock ups and other packaging-specific applications.

"Esko began testing the market with this new family of cutting tables in Asia last year," says Marian Zincke, Vice President Digital Finishing. "Results clearly illustrated that there is a global need for a high-end digital finishing solution at an attractive entry-level price. That is exactly what the Kongsberg V brings. This unique platform is offered in sizes and standard configurations that have been designed to meet the most popular specifications according to our market research. We believe they are perfect for customers who want the productivity, reliability and precision that is characteristic of Esko Kongsberg machines, but only need it for specific applications."

The Kongsberg V series features the same rock-solid construction found in all Kongsberg tables, which makes them last for many production years. Kongsberg V is available in two sizes; V20 and V24, and is able to work on material with size 1700x1300 mm / 66"x 51" (V20) and 1700x3200 / 66x126" (V24).

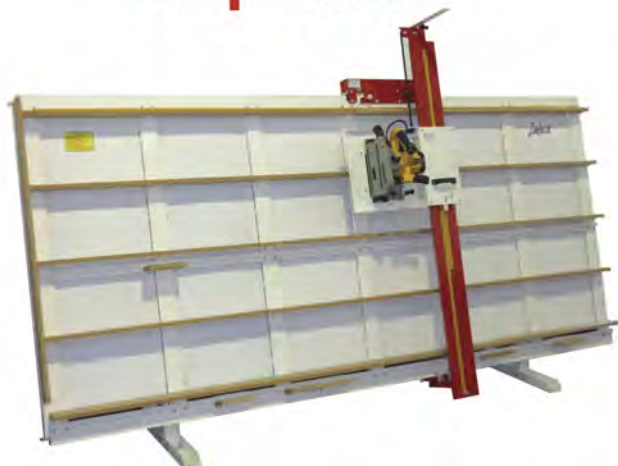
Kongsberg V cutting tables offer a broad selection of tools, providing quality results for a wide range of cutting, creasing, drilling and plotting activities. These new tables have many of the features that have made Kongsberg tables popular, such as the i-cut Vision Pro camera system for accurate print-to-cut registration even with

print-distorted materials. Exchanging tools is quick and error-free because every insert is identified by a unique bar code and easily snaps into place. Insert knife tools are available for cutting materials ranging from thin paper and synthetic sheets to heavy-duty packaging and display materials. The rack-and-pinion drive system balances 'raw power with the finest axis'.

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Height	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	750mm	800mm	900mm	1200mm
3mm	0.70	1.10	2.03	2.74	4.00	5.50	6.31	7.25	8.02	9.19	10.66	14.76	21.63	30.34	38.32	42.28
5mm	1.19	1.80	3.00	4.77	6.79	7.88	9.13	11.02	12.40	13.65	15.03	20.95	25.24	33.32	45.85	58.43
10mm	2.34	2.92	5.84	9.30	11.69	14.95	17.55	20.87	23.45	25.73	29.28	40.50	49.44	54.56	84.98	107.82

FOAM PVC (all available colours - 10mm & 19mm available in white only)

no minimum order

Height	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	750mm	800mm	900mm	1200mm
3mm	0.72	1.00	1.39	2.13	2.70	3.48	3.83	4.81	5.09	6.14	7.06	9.02	12.88	15.45	17.51	19.00
5mm	1.06	1.74	2.34	3.14	4.52	5.12	5.75	6.53	7.10	8.62	9.38	12.68	17.00	21.12	25.24	26.50
10mm	1.47	3.07	4.38	6.40	8.10	9.11	10.79	12.90	14.84	17.20	19.62	25.69	35.02	41.42	47.38	49.95
19mm	3.20	4.22	7.45	9.70	13.65	14.26	16.68	18.42	20.71	22.94	24.98	30.20	47.38	55.11	61.80	67.90

3mm ALUMINIUM COMPOSITE (Dibond, Alupanel)

no minimum order

Height	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	750mm	800mm	900mm	1200mm
Colours	1.69	2.34	4.02	5.57	7.00	7.83	9.25	11.26	13.80	15.47	17.00	20.98	24.10	28.10	36.00	50.59
Mirror	2.38	4.86	6.79	9.32	13.77	14.83	17.31	19.70	23.13	25.00	28.12	34.94	36.10	41.50	51.00	82.21
Brushed	1.96	3.28	4.39	6.12	8.83	9.85	11.15	13.16	15.28	16.77	19.08	23.61	26.10	31.50	39.00	56.92

MILL FINISH ALUMINIUM (Comes in its raw form ready for coating) no minimum order

Height	50mm	75mm	100mm	125mm	150mm	175mm	200mm	225mm	250mm	275mm	300mm	375mm	425mm	500mm	600mm	700mm
2mm	2.88	3.68	4.38	5.56	6.18	6.95	7.73	9.01	10.04	11.07	12.10	15.19	18.28	23.43	30.64	41.97
3mm	2.85	3.56	4.40	5.46	6.07	6.96	7.86	9.10	10.27	11.72	13.26	17.34	20.77	26.40	35.06	56.65
5mm	3.36	4.20	5.20	6.44	7.17	8.22	9.26	10.74	12.40	14.25	16.00	21.00	24.64	31.23	41.36	63.86

EXTERIOR MDF

Height	50mm	75mm	100mm	125mm	150mm	175mm	200mm	225mm	250mm	275mm	300mm	375mm	425mm	500mm	600mm	1200mm
5mm	0.36	0.82	1.18	1.60	2.40	2.55	2.95	3.70	4.27	5.09	6.60	9.30	10.70	12.10	14.20	43.16
12mm	0.88	1.52	1.88	2.76	3.85	4.52	5.30	6.12	7.29	9.12	10.00	11.60	13.70	16.80	18.82	57.23
18mm	1.55	2.40	2.91	4.00	4.95	6.05	7.50	8.40	10.60	12.10	14.50	16.60	20.21	21.80	28.50	85.36

Options Add 10% for locators and layout Add 25% for Cladded facia drawing

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PRODUCT *News*

eyevis integrates LED modules into software eyeDesign

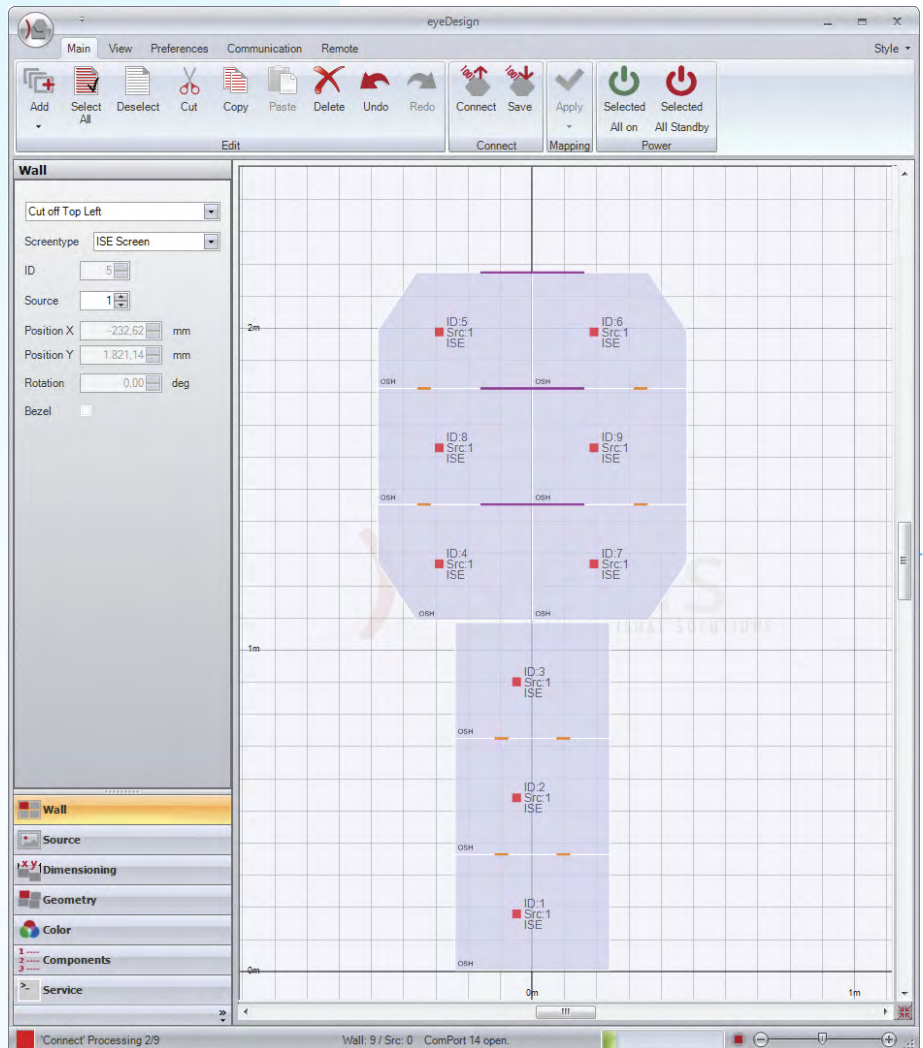
With the release of the version V3 eyevis integrates its new high-quality LED modules into the video wall design and installation software eyeDesign. The software is an all-rounder in design, planning, installation and maintenance of creative video wall installations for showrooms as well as the event, retail and digital signage sector. The integration of the new LED modules is part of the high-quality-concept of the LEDs that also includes integrated image processing as well as precise and robust housing.

The high-quality LED modules supplement eyevis' omniSHAPES and squareTILES in the software and in this way enhance the possibilities for planning and assembly of creative video wall installations. Through the also new external hardware component eyeDesign Box, additional LCD displays, rear projection cubes and projectors by eyevis can be integrated into eyeDesign.

The eyeDesign software allows for the simple planning, configuration and maintenance of creative video wall installations. Already in the design phase the software serves as 'an ideal planning tool'. Due to the CAD-like user interface the video wall installation can be virtually designed with a few clicks. The software automatically calculates the necessary number of displays and displays a first arrangement. Single displays can now freely be moved and repositioned or even be replaced by other display types. In this way the LED modules can for instance be combined with omniSHAPES or squareTILES with a simple click. The exact dimensions of the video wall and the single displays can be displayed, for the exact placement of the content sources even to the pixel.

Content sources can be placed on the video wall layout via drag-&-drop. The software automatically calculates which image parts have to be assigned to which display. For special video wall shapes and dimensions of a video wall the content can in this way be tested during the layout phase without having to assemble a display. Users can thereby move or rearrange single displays with a click of the mouse. In the user interface the content preview dynamically adjusts to the changes and in this way shows at any time how the content will be displayed on the later wall.

www.eyevis.co.uk



eyeDesign-Box: external image processing for the integration of all eyevis displays and projectors into eyeDesign

In order to be able to integrate all other eyevis displays, rear projection cubes and projectors in addition to LED modules, omniSHAPES and squareTILES into eyeDesign, eyevis recombined the internal image processing hardware in the external eyeDesign-Box. When connected, the eyeDesign-Box makes displays and projectors available in the eyeDesign interface. During the planning phase, all eyevis devices can in this way be integrated into a video wall layout through a click of the mouse. Equipped with the same automatic mapping features, the eyeDesign-Box scales the assigned image parts directly onto the respective image area.

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Smarter Banner Frames

Banners and other items can be displayed 'quickly, easily and professionally' with the new modular Graphit® system from Trilogiq. The system's lightweight composite, aluminium and stainless-steel tubes can be assembled into 'stylish and innovative' banner frames and three-dimensional structures of any shape or size using a variety of easy-to-use connectors. The components are up to 86 per cent lighter than conventional steel-based modular systems, which makes them easier to handle and transport.

Graphit is the first fully-reusable system of its kind which makes it ideal for exhibitions or temporary displays because complete lightweight structures can be handled easily between events, or disassembled to reduce storage or transportation space requirements. The components produce stronger joints than conventional systems and are resistant to liquids, contaminants and corrosion which also makes them ideal for outdoor use. The system is exclusively available in the UK from the Tube and Bracket Company.

The components are up to
86 per cent lighter than
conventional steel based
modular systems

Graphit connectors are manufactured in a range of colours from composite materials including carbon fibre and are up to 60 per cent lighter than comparable steel components. The VeryGrip® coupling mechanism incorporates high performance thermoplastic polyurethane (TPU) which provides a highly accurate and secure grip which cannot be over-tightened and does not damage or mark the tube or the joint. All components can be reused as often as required without affecting the structural integrity or appearance of the installation. Graphit is the only system of its kind that offers these benefits, according to the company.

During assembly the unique and patented interlocking InstantMatch® design allows components to be aligned quickly and easily with complete accuracy. A TPU insert

holds the nut and screw in the correct position so that they can be brought together and tightened with one hand using simple tools. Assembly can be up to 30 per cent faster than conventional systems which reduces downtime and improves productivity. When a banner frame or other structure is reconfigured the SoftAdjust® feature allows components to be repositioned quickly and accurately with complete ease. The simplicity and speed of adjustment is designed to encourage users to make modifications to existing structures, for example to accommodate different sized banners, without having to purchase a complete new set of components.

The combination of composite casing with the TPU creates a unique MonoBlok® that ensures the connector grips around the whole circumference of the tube to provide the maximum possible strength and rigidity for the joint. This also resists liquids, moisture and contaminants which together with the use of the advanced materials in the components eliminates the risk of corrosion and damage. Installations retain their reliability and appearance for longer which reduces maintenance and replacement costs.

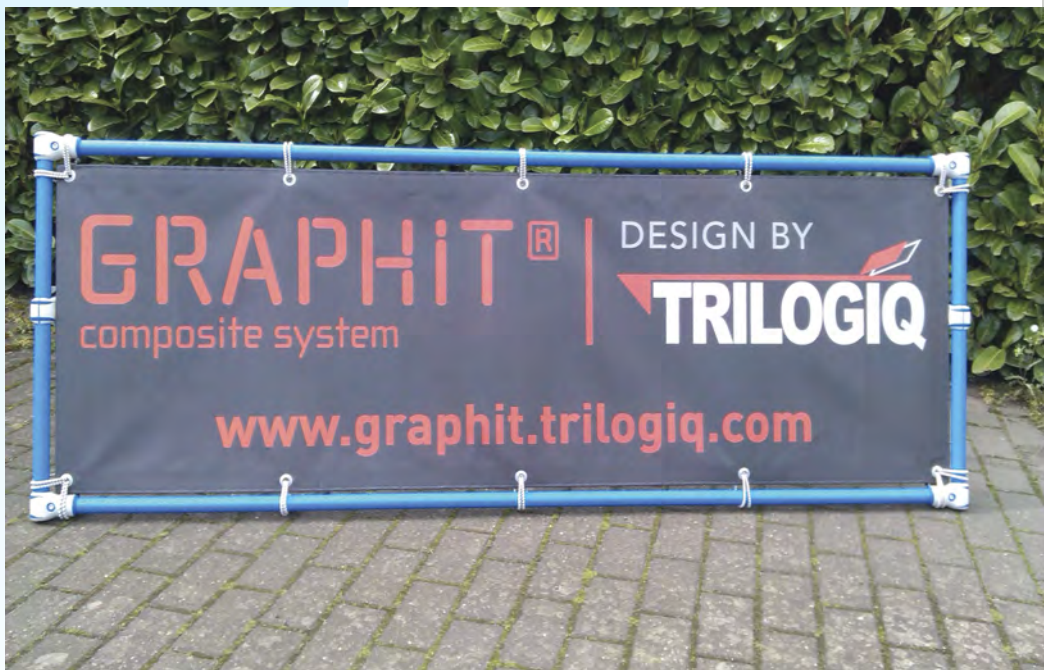
Graphit tubes are available in a choice of carbon fibre, anodised aluminium or stainless steel in a variety of finishes and

shades to complement the colours of the connectors. They can be supplied in 2.5mm gauge for standard applications and 3.0mm gauge for heavy duty applications. Aluminium tubes are 65 per cent lighter and carbon fibre tubes 86 per cent lighter than steel alternatives. Like other modular systems the tubes can be supplied, or cut on site, to any length to create the desired configuration and dimension for the application. The end stops are supplied with clean profile lines to guarantee consistent seating inside the joint.

When maximum strength-of-joint is required an innovative slip ring can be used in conjunction with the connector and tube. This provides absolute protection against joint deformation in the event of a shock or impact and maintains the grip quality over time.

Trilogiq's extensive range of wheels and accessories can all be used with Graphit to provide users with complete flexibility to design and configure their installations for maximum efficiency and productivity. The weight saving that can be achieved with Graphit allows users to create installations that are easier to handle and move than similar designs constructed using steel components.

www.tubeandbracket.com



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Lintec Graphic Films launches new non-PVC dry-apply film

New 'dry' adhesive film solution for Point-of-Sale (POS) and retail markets can be applied by end-user without need for installation specialist

Aimed at the POS and retail markets for short-term promotional campaigns, RePop is a non-PVC dry adhesive, 50-micron polyester film that is designed to replace traditional 'cling' PVC window film. Addressing the quality and application issues associated with traditional PVC films, RePop is Lintec Graphic Films' 'easiest film to apply to date'. It removes the need for professional installation or removal, while retaining the quality, durability and green credentials that Lintec Graphic Films' Vitro-colour range is known for, according to the company. Also, the film's paper release liner means that it can be used for screen or digital print.

"RePop enables the end-user to apply the optically clear film themselves," says Andy Voss, Managing Director, Lintec Graphic Films. "This flexibility and efficiency provides them with enormous scope to rebrand

and refresh their campaigns as often and as quickly as required with a high quality promotional glass manifestation product that really stands out. When they want to change the display, the film seamlessly peels off."

Voss said: "We have always been advocates of non-PVC composition films because of their print quality, durability and eco-credentials. The development of RePop reflects that. Unlike PVC films, it is polyester-based with superior dimensional stability, so it doesn't shrink and curl as result of exposure to external elements (such as heat from the sun). While it has been designed for quick installation and removal for reactive/quick turnaround promotions, the reliability of this film means it can stay up for as long as required without any visual or physical erosion."

"Because of our R&D, our wide range of PVC-free media is a market leader for corporate branding, privacy, decoration and advertising," said Voss.

www.lintecgraphicfilms.com



Fujifilm announces new Acuity F flatbed printer

Fujifilm recently announced the release of its new Acuity F Series, which has specifically been designed for volume sign and display print service providers who have a high demand for rigid media. As the latest addition to Fujifilm's Acuity platform, the device produces 'exceptional' print quality at speeds of up to 155m²/hr, and is available as a 6-channel or 7-channel model.

The Acuity F Series maintains all the advantages of the popular and successful Acuity Platform, including near-photographic

image quality, versatility and ease of use, but has been optimised for the efficient and high speed production of rigid media applications, according to the company.

The Series' true flatbed architecture supports the broadest range of rigid media, such as irregularly shaped, heavy, smooth or pre-cut materials. It also allows for the production of multi-layered applications, double-sided or large prints over multiple boards in perfect register, and edge-to-edge printing.

A key feature of the Acuity F is the dual

print zones, each with its own vacuum system which can be used independently to allow printing onto substrates of up to 3.05m x 2.5m, 50.8mm thick. Non-stop production is possible as one board can be staged while the other is being printed.

Designed for flexible productivity and, available for the first time on an Acuity platform, the device's pneumatic registration pins mean minimal operator involvement. These allow for quick loading in perfect register, and combined with the high-flow vacuum system, can hold down any rigid media 'perfectly', including uneven substrates.

Finally, the Acuity F is equipped with an Automated Maintenance System (AMS) a new feature in the Acuity range. The AMS cleans the device's printheads in less than 25 seconds per colour, ensuring that the nozzles are clean and ready to print at any time, to 'maximise productivity'.

The Acuity F's print performance is optimised by Fujifilm's uniquely formulated Uvjet inks. These incorporate the company's proprietary 'Micro-V' dispersion technology that consistently delivers 'wide adhesion, superb colour vibrancy and excellent durability in every print'.

www.fujifilm.eu/eu/products/graphic-systems/



Roland DG Launches VersaEXPRESS

New 64" high-speed production printer delivers 'superior quality' with low running costs and introduces Roland's first Printer Assist iPad app

Roland DG has launched its 'new and improved' 64-inch wide high-speed production printer, the VersaEXPRESS RF-640 which prints at speeds up to 48.5 square metres per hour. With a wide range of new features and enhancements, the RF-640 demonstrates that, once again, Roland has set a new standard for performance and value'.

"Digital sign makers and wide format printers need affordable volume production solutions that will help them increase productivity and profits. The new RF-640 is the ideal production tool because it delivers high speed, outstanding print-quality, ease of use, simple maintenance and unsurpassed reliability. All this whilst keeping operating costs low. That translates into increased output, satisfied customers and increased return on investment," said Rob Goleniowski, Sign and Graphics Business Manager., Roland DG.

The RF-640 has a range of new fea-

tures and enhancements. Making its technology debut as a new feature on the RF-640, the new Roland Printer Assist iPad app allows the remote management of printer functions. With this intuitive new app, operators can monitor printer status, manage jobs and cleaning functions comfortably from an iPad for maximum convenience and efficiency. The new Roland Ink Switching System further increases productivity by supporting unattended continuous printing. This unique system allows users to load a backup cartridge that automatically discharges ink to the printer when the primary cartridge is empty.

Additional features for increased ease of use and convenience include new media loading levers positioned in both the front and back, and special media brackets that support even the heaviest media rolls as they are loaded into place.

The RF-640 prints beautiful, saturated colour with virtually no banding – even at higher speeds. A mirrored CMYKCMC gold-plated print head firing seven different droplet sizes ensures stunning graphic re-

sults on a wide range of media at speeds up to 48.5 square metres per hour. Roland Intelligent Pass Control further enhances image quality by minimising any trace of bleeding and ensuring precise media feeding between passes.

Specially designed to take advantage of Roland's high density GREENGUARD Gold certified low-VOC ECO-SOL MAX2 inks, and combined with new optimised profiles will deliver vivid, rich colours with ink savings of up to 20 per cent when compared to previous models. An automated cleaning function minimises ink usage and prolongs print head life.

Workflow and output are further enhanced by Roland's user-friendly VersaWorks RIP® software included in the price of the printer. VersaWorks includes media profiles, nesting, cropping, predictive ink and media usage and other powerful production tools. It also features the built-in Roland Color System and PANTONE® libraries for easy and accurate spot colour matching.

www.rolanddg.co.uk



VersaEXPRESS RF-640

NEW ORAJET® 3967AC Aircraft Graphic Film

827 million passengers travelled by air in the EU region in 2012 and worldwide the number is increasing every year, says Orafol. 'Competition amongst the airline companies is fierce, and brand recognition and awareness is a crucial factor to stay in business'. A main visual branding tool is the exterior designs of the aircrafts; both the standard brand decor as well as making the planes looking great. This can be done with creative temporary designs in connection to special promotions or having the designs updated to fit seasonal celebrations.

The new aircraft deco solution introduced by ORAFOL includes the digital printing vinyl ORAJET® 3967AC Aircraft Graphic Film matched up with the special lamination film ORAGUARD® 293AC. Both films come with a perforated structure, to enable an easy and bubble-free installation of large sized decals on the aircraft. Being a PVC based film, ORAJET® 3967AC Aircraft Graphic Film comes with very good printing properties as well being very conformable in application. With the lamination film ORAGUARD® 293AC retention of the gloss is ensured in a far more effective way than with a clear coating, and formation of cracks in the surface is prevented.

ORAJET® 3967AC Aircraft Graphic Film with ORAGUARD® 293AC is the 'ideal



solution for branding and promotion for display at the gate as well as in the air'.

A world of new advertising, city embellishment and artistic possibilities are 'opening up' with the new ORAJET® 3954 Brick Stone Film. The material can be easily applied to highly structured and unsealed surfaces such as brickwork or concrete. It is easy to install even large advertising prints directly onto building facades, as well as creates a dynamic look to the graphics. This is

because the display is the same surface structure as the actual wall, so look as if they are part of the wall itself.

ORAJET® 3954 Brick Stone Film is designed for short term in- and outdoor applications.

Lamination with ORAGUARD® 290 is recommended for an even easier application process.

www.orafol.com

Modern materials create 'eye-catching' vehicle graphics for retro style caravans

Graphics supplied by William Smith helped to launch a new venture for Alphatec Van Conversions.

The Zone caravan, a retro style 'teardrop' caravan, was created by Alphatec Van Conversions' out of a passion for the great outdoors, incorporating their knowledge, skills and combined 60 years of experience in the vehicle conversion market. Alphatec's Zone Leisure division both sells and hires out the caravans, which now come in a range of colours and designs.

"It's our own spin on a style that has been around since the early 1930s," says Managing Director Chris Vaudin. "We've updated and modernised the concept so that it's compact, yet contains everything you need, and it's easy to store; it's also easy to tow being very light weight."

The eye-catching graphics supplied by William Smith for the original caravan were colour coded to match the company's own mini-van and printed on 3M IJ180Cv3 with 3M 8580 gloss overlamine.

"William Smith offers a very good service, often providing next day delivery for graphics. We trust their judgement to give the best advice and provide the most suitable materials for the job," said Mr. Vaudin.

www.williamsmith.co.uk



William Smith point out the benefits

3M IJ180Cv3 is a short to long term removable film for inkjet and screen printing. It offers great conformability and can be applied in extreme hot and cold temperatures, so that workshop temperature is less critical. It is suitable for vehicle wraps, vehicle livery and advertising wraps and comes with 10 years durability and 6 years MCS warranty. IJ180Cv3 is suitable for curved surfaces but not deep recesses. Controltac Adhesive makes IJ180Cv3 easy to reposition, enabling faster and easier application for large format graphics. Its Comply air release adhesive also provides an improved finish, resulting in time savings, faster turnaround and reduced wastage.

Sign of progress delivering extra splash of colour

A new variable message sign capable of displaying roadside icons in much improved quality has been hailed as a 'breakthrough in traffic technology'.

Colour pictograms have already changed the landscape of Britain's highway network, proving an effective tool to alleviate congestion and improve safety.

But the development of a new portable unit is set to raise the bar, according to Andrew Leigh, of Mobile Traffic Solutions.

He said: "Portable variable message signs have long provided the flexibility to display pictograms of signs or post messages in a variety of ways.

"But the technology has often been let

down by the graphics of the screen, which led to a compromise in the quality of the images displayed.

"It meant pictograms in some signs were barely true representations of the original icons."

Mr Leigh says the new Advantage HDC model has the ability to produce some of the best graphics on the market.

And he believes the tri-colour units will be a sustainable, cost-effective way for traffic management companies or private operators to get their message across.

He said: "The screen resolution of our new model is up there with the very best available and the quality of pictograms it produces is second to none, with low power consumption.

"By greatly improving resolution and configuring the LED pixels in a different way, precise images of signposts can be reproduced with no compromise.

"We have different sizes of unit all featuring the same quality of screen and they can be programmed either on site or remotely via the internet.

"They're versatile, quickly deployed, easy to set up and reliable in all conditions. And they run on a rechargeable long-life battery, which makes them very low maintenance."

Mr Leigh says the vast majority of red and white signs can now be displayed exactly as they appear in the highway code, rather than an approximation, and the digital screen produces a high-impact image designed to produce a rapid motorist response.

The Advantage HDC also has the capacity to display amber messages – a tool which has proved key to effective traffic management at highway incidents, campaign support, guidance at special events or even brand advertisement.



Gecko Grip

Signscal, the earliest professional signage material supplier and the authorised distributor of 3M ScotchCal / MACtac MACal, and Mimaki Cutting Plotter Service Center in China have a range of innovative products making their way to Europe.

Gecko Grip is the 'first one-step, interior perforated window film' that is a solvent inkjet and printable one-way. The film allows you to print and face-mount perforated prints to windows without the need for additional adhesives or mounting films. 'Simply print and face mount in one step'!

Gecko Grip is easily removable and can be repositioned anytime during or after installation.

Key features:

- Print and face mount in one step
- 'Easily' installed on site by retailers
- 'Lowest cost' method to produce and install face-mounted window graphics
- Interior mounted graphics not subject to graffiti or outdoor wear-and-tear
- No mounting adhesive unobstructed clear vision looking out

- Print directly on the "sticky" side of the perforated surface
- 11 mil thick
- Compatible with eco-solvent and solvent inkjet inks

Signscal Gecko Adhesive is a water base physical adhesive with 'Print-On-Glue' and is 100 per cent removable.

Images and graphics can be double sided and can be applied inside with better performance for both sides.

www.signscal.net

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JKN Easy Apply Textile Wallpaper

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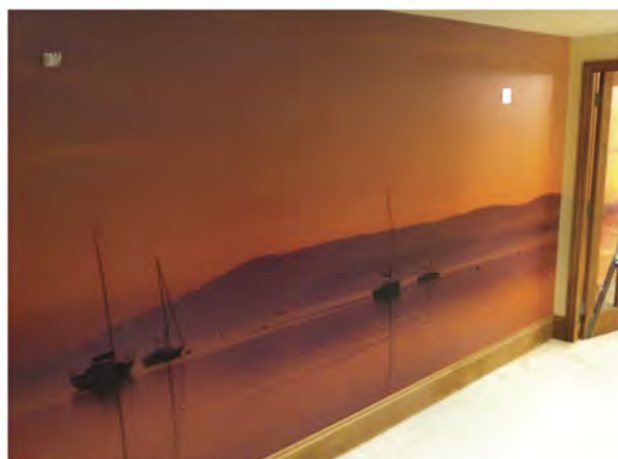
The flexibility of the fabric makes for easy application on walls or other flat surfaces, while the adhesive properties make for ease of application and repositioning to ensure a perfect fit.

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TRAFFIC & SAFETY *Feature*

New developments sweep the traffic and safety signage sector

From talking signs to twitter feeds, there are a number of new developments arriving on the traffic and safety signage market. Jemima Codrington caught up with industry experts to find out exactly what is available to sign makers, and what benefits these products provide to end-users.



The Motion Sensor Talking Sign from Horizon Group.

The Horizon Group is developing a number of products that can potentially revolutionise the safety and traffic signage sector. Although these products are new to consumers, they are the product of extensive research and product development.

"Muhammad Ali once said, 'The fight is won or lost far away from witnesses - behind the lines, in the gym, and out there on the road, long before I dance under those lights.' That's the way I feel about us bringing our new products to market with over thirty years of experience behind us," says Gary Pattison, Head of Strategic Development with Horizon Group.

One of the highest profile new products is the solar powered talking unit, a self-contained unit that delivers a crisp, clear audio playback. It can be programmed to relay health and safety messaging, warnings as well as general information. Powered by solar panels, this vandal-resistant



The Solar Powered E-reader Timetable from Horizon Group.

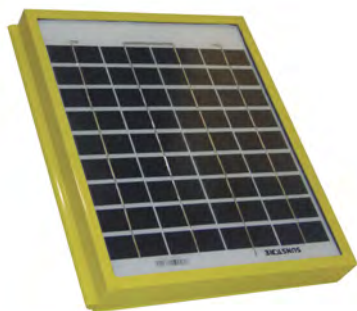
audio signage solution can be used in a number of applications, such as on unmanned level crossings throughout the UK.

Another product that is providing positive results is the solar powered e-reader timetable. Horizon Group, in conjunction with Centro (the passenger transport executive for the West Midlands) and an RTI provider called IBI Group, have developed a project that integrates e-reader screens into bus timetables, so that information is displayed digitally rather than on paper. "The system is charged and powered by solar panels, again, meaning it is a cost effective and eco-friendly product," says Gary. "The screens allow for the provision of real time information on bus services along with courtesy lighting for the hours of darkness. Based on the initial popularity of this product, I think the idea of paper bus timetables will potentially be gone in ten years." The prototype is only half way through a year-long trial, but the early results have been encouraging.

"Digital is the way forward" in safety signage

Examining the current state of the market, Gary predicts that a number of these new solutions will forever change the face of safety and traffic signage.

"Digital is the way forward," he affirms. "It offers better value, it's a more cost-effective option and it's pertinent to modern commuters." Products featuring this innovative technology, such as the Motion Sensor "Talking Sign", are in demand from Horizon Group. So far, this product has been utilised by clients for both promotional and safety purposes, but can be used for a great many different types of installation as well. "The sign is essentially a poster case that incorporates



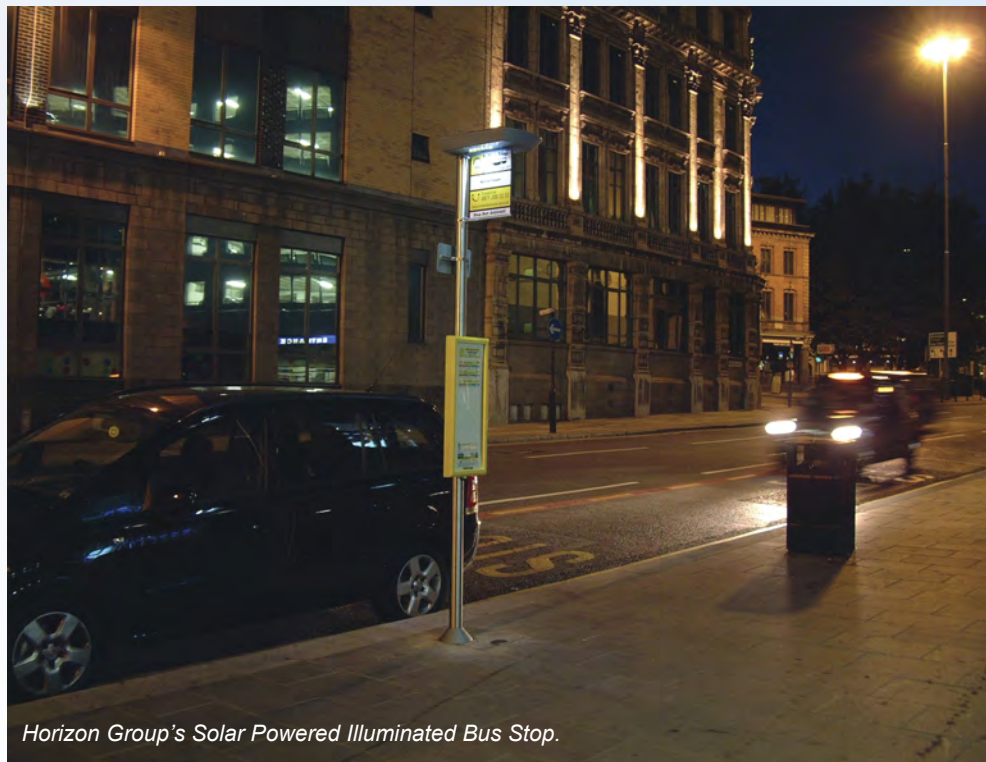
An up-close look at the Motion Sensor Talking Sign from different angles.

motion sensor (PIR) technology which, when triggered, sets off an on-board MPS playback facility as well as housing your normal visual message," explains Gary. "Messages are held on a SD memory card, which means it's really easy to update and change."

With the sign, end-users can load anything from music to promotional or safety messaging, as long as it is in MP3 format. The sign then effectively "goes to sleep" in between passers-by so as to conserve energy, making it one of the most technologically-savvy signage solutions on the market today.

When providing these products to clients, Gary recommends relaying that they have been developed using cutting-edge technology to instil consumer confidence in something so new. "If you listen to what the client wants, ultimately they're buying into your experience," says Gary. "Always deliver a great quality and value product, and you'll find this will become the backbone of your business."

www.thehorizon-group.co.uk



Horizon Group's Solar Powered Illuminated Bus Stop.

According to Nigel Parke of Message-maker, a reduction in the price of vehicle-activated speed traffic signs has led to an increase in their popularity.

"Basic vehicle activated speed signs are probably the most popular signs, as local authorities look to move towards modifying and rewarding driver behaviours as an alternative to legislative measures," says Nigel. "A general reduction in purchase price driven by volume production and advances in technology has also made dynamic LED signs a cost-effective solution that compares favourably with static signs on a whole life basis."

Message-maker has long been a leader in the manufacture of high-visibility, vehicle-activated traffic signs. These products, compliant with Highways Agency

"The idea was to bring the newsfeed concept up to date"

technical specs can help alert drivers to anything from their current speed to weather conditions, traffic incidents and diversions. While these signs may be a proven favourite, a new product from Message-maker is also garnering plenty of attention.

Digital signage with a social media twist

The TwittLED is a digital LED sign that can live-stream twitter feeds in real time.

The clear, bold text makes it easy for drivers to see, but in addition to providing traffic and weather updates, these signs can be used indoors in a number of establishments. Using hardware and software they had already developed, Message-maker created the signs to be easily configured and updated through a mobile device.

According to Nigel, it was of paramount importance to make the digital signs easy to operate for the end-user. The idea was to "bring the newsfeed concept up to date," by offering customers the ability to custom create their own news ticker feed in the manner of the Reuters news feed, subsequently supplied through RSS.



Vehicle activated signs (VAS) are popular products from Message-maker.

.....Continued on page 28

TRAFFIC & SAFETY *Feature*

"The TwittLED range allows customers to restrict messages to a specified group, creating a mobile messaging solution which is particularly useful in environments where safety is an issue," adds Nigel. "By being able to change messages quickly, local hazards can be flagged while



Programmable signs can relay everything from safety warnings to weather updates.



A traffic information sign provides important information to road users.

programming a series of messages to display in sequence, which helps increase the impact as well as getting key messages across."

When it comes to selecting the right products, be it ground-breaking digital signage or more traditional products, Messagemaker offers some insight as to what sign makers should consider when selecting safety or vehicle-activated signs:

www.messagemaker.co.uk

- Does the Display need Compliance to EN12966 for Highways applications?
- Does it need UTM for integration into Common Databases?
- Suitability for location. ie: Speed limit, Visibility, School, Accident Blackspot, etc.
- Effectiveness
- Power Source (ie 230V or Solar powered)
- Quality of Product
- Reliability
- Support
- Data Collection & Download capabilities
- Price

William Smith has been manufacturing road traffic signs and safety markings for commercial vehicles, based on what has been a long, successful business partnership with 3M.

For over 85 years, William Smith has been producing a number of road safety and traffic signage products, all of which are compliant with European (CEN) standards, and are backed by what are considered to be the most comprehensive performance warranties currently available.

As of July 2013, all permanent signage directing traffic (as found in the TSRGD 2002 Traffic handbook) must be CE Marked. Although this had been an assumed certification for a number of years, mandatory third-party accreditation has been in place now in the UK for over a year. In order to produce CE marked signs, the manufacturer must hold a BS EN 12899-2007 accreditation. William Smith holds this accreditation, making it one of the most trusted names in the creation of static road signage today.

With this in mind, sign makers have been turning to William Smith to find signs suited to indicate everything from service stations to car parks, junctions and more. To create these signs to such a high standard, William Smith opts to use materials from 3M.

Using high-quality products to obtain a high-quality finish

The 3M materials have all achieved the same level of accreditations as William Smith, making them ideal for use on permanent road signs.

These products include the 3M Scotchcal 7725 and 100 Series of non-reflective films. As part of the 3M MCS (Matched Component System) warranty,



An example of a vertical road traffic sign (seen here on St. Mary's Island).

these films are compatible with 3M Diamond Grade DG3, 3M High Intensity Prismatic (HIP) and 3M Engineer Grade Reflective Sheeting products, and offer the same effective performance life when applied and maintained in accordance with 3M recommendations adopted by William Smith in its manufacturing processes.

The introduction of 3M Diamond Grade Vehicle Marking Tape 983, 997 and 997s has been considered a major contribution to road safety in Britain, and is one that has been fully utilised by William Smith. This enables owners of heavy goods vehicles to meet the requirements of ECE 104, a mandatory European vehicle safety standard that came into force in July 2011. The standard establishes guidelines for the use of retro-reflective safety markings in order to make heavy goods vehicles over 7.5 tonnes and trailers over 3.5 tonnes more conspicuous to other road users, thereby reducing accidents and invariably saving lives.

All of the 3M Diamond Grade retro-reflective marking tapes are fully ECE 104-compliant, and are applied by William Smith to both rigid and curtain-sided vehicles that are subject to the requirements of this standard. These markings clearly outline the rear and sides of vehicles, making them visible for up to 1000 metres at night. Studies and



3M retro-reflective vehicle marking applied to the rear of a commercial vehicle.

field tests conducted over a 10-year period showed that well-marked vehicles are 30 times less likely to be involved in a road traffic accident by comparison with unmarked vehicles, while the drivers of other vehicles were able to notice marked vehicles eight times faster than unmarked vehicles to enable a considerably longer reaction time.

Signage and vehicle marking tape solutions available from William Smith enable sign makers to better serve customers with high-performance products that are proven to improve safety and reduce accidents on the roads.

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PROJECT *News*

Alumigraphics has a way with words... across concrete and tarmac!

Soyang Europe is rapidly becoming recognised for 'having every surface covered'! So when Manchester-based Trafford Signs were looking for something a little different to fulfill a high-profile client brief, they contacted Soyang to see what was available.

The client was The London Book Fair held at Earls Court in April and after further discussions, a sample roll of Alumigraphics was provided to Trafford Signs. This rugged aluminum foil based material conforms and holds to the texture of any surface that it is applied to. With its high durability, resistance to heavy pedestrian and rolling vehicle traffic, as well as all types of weather conditions, it has lots of potential applications in both indoor and outdoor environments.

The aim of the project was to create a meandering and inspirational 'river' of words that would 'entice' and lead visitors across the public pedestrian spaces around the exhibition halls and in through the main entrance.

Once the concept and application was approved, and after a highly successful test and trial run, the race was on to get everything printed and installed in time for the opening of the fair. The extensive printing exercise was carried out as soon as the media arrived and driven down overnight for installation the day before the show opened.



People were stopping in amazement and photographing the process on their smart phones.



Tim Egerton, Sales Manager for Soyang Europe said: "It was quite a challenging few days for the team at Trafford Signs because of the tight schedule, and the fact that the Alumigraphics media was so new to the UK market. However the printing went really smoothly, then there was a short window of opportunity to lay the printed media across the forecourt and entrance steps. We had to keep an eye on the changing weather conditions, which could have delayed things."

Egerton said: "Happily the installation went like a dream, and the whole team were genuinely impressed with how easy the media was to work with and lay across such uncompromising outdoor surfaces. What no-one really expected was the huge level of interest from passers-by, members of the public and other contractors, as the installation took place. People were stopping in amazement and photographing the process on their smart phones. It was remarkable; even before the installation was complete or the fair was officially open – such is the impact of this incredible new media."

Alumigraphics is available in smooth or high-grip surface finishes and can be printed on large format UV curable, latex and solvent digital printers. Or it can be screen printed.

www.soyang.co.uk

LED ticker tape for all the latest information

Visitors to Glasgow City Centre can keep up-to-date with all the latest news, thanks to a new LED ticker-tape solution that has recently been installed 30ft up on the outside of the Clydesdale Bank building in Buchanan Street, by LEDsynergy.

Constantly updated international news through to local information is displayed in full colour, in 384mm high letters that move continuously from right to left along the 50 metre long LED display. Full colour images and logos can also be included. The news content is drawn from a variety of news sources including RSS feeds, information from Excel spreadsheets and free programming. This provides both the versatility and autonomy required so that the information constantly changes with minimal operator intervention.

“Retailers understand the need for quality, reliability and the affect effective solutions can have on any brand.”

Part of a multi-million pound building renovation programme, the LED ticker-tape solution cost just £60,000 to build and install and has been 'exceptionally well received' by Clydesdale Bank management. Built to order by LEDsynergy, the solution comprises a mixture of two different sized cases to ensure a smooth radius around the curved façade of the building. Each module is individually fixed to the building by simple brackets and then daisy-chained together. This means that should one section ever fail, it can simply be replaced and the ticker solution remains operational.

“Companies must compete for the attention of potential customers on the high street and elsewhere and this is driving the advertising sector to change at a fierce rate in its bid to deliver dynamic messaging,” says Jeremy Harwood of LEDsynergy. “We were delighted to offer our services to Clydesdale Bank and after determining exactly what they wanted, provide them with a fully colour LED display that will allow them to speak directly to the potential customers on the street.”

They took less than three months to develop the solution. Including putting together all the components and fabricating both the 2304mm and the 1280mm long weather tight aluminium cases. It also developed the control software used to drive the system and integrated the Bluetooth in-

terface used to upload the data from the control computer.

All elements were then delivered to site and put together at ground level to ensure everything was working properly. Two additional 'dummy' modules had also previously been supplied, free-of-charge along with the detailed assembly plans to SSE Contracting, the company with overall control of the refurbishment contract. This enabled them to accurately pre-drill the fixing points to ensure a 'speedy and trouble free' installation.

The installation has created a real buzz in the area and received positive reactions from the public, generating a number of comments on local social media sites. “Bright, moving image on the high street will instantly capture the attention of passing shoppers,” says one local. Another said: “These large displays enable retailers to be far more creative in their approach as they are more than just a bright, hoarding and bring a whole new dimension to the retail experience.” City planners have also reacted positively and a number of other councils have already visited the site with a view to implementing similar solutions within their own environments.

‘The use of large, full colour LED screens to promote an array of products on our high streets is on the rise, replacing traditional printed posters and other forms of advertising. Technology has also moved on

making this type of solution an affordable reality for many more customers’.

“The latest developments in LED technology are now being harnessed to help attract customers,” says Jeremy Harwood. “Retailers understand the need for quality, reliability and the affect effective solutions can have on any brand. Which is why it’s about delivering the complete solution and not just taking a piece of kit straight out of a box and hoping it will have the desired impact.”

Several other retailers are already going to the next level and creating material specifically designed for LED displays. The Trocadero in London recently updated the moving display above the door to improve the vibrancy and appeal of its marketing messages.

And LED display solutions are not restricted to the high street. Sports stadia are increasingly adopting full colour display systems, although the LED-illuminated numeric scoreboard still proves popular and many new installations are completed each month. Other applications include road signage ranging from overhead gantry signage systems for the toll booths across the River Severn and the M6 Toll through to an implementation of 76 traffic advice signs in the Old Trafford area of Manchester that can be individually updated with parking restriction information.

www.ledsynergy.co.uk



PROJECT *News*

Marwell Zoo installs digital signage

Marwell Zoo, formerly known as Marwell Zoological Park, has installed a new interactive digital signage system to provide visitors with a navigational and informative tool that replaces traditional paper maps.

Designed and supplied by Eclipse Digital Media, specialist providers of 'end-to-end digital signage solutions', the system will enable the zoo to engage and communicate more effectively with park visitors all year round.

According to Becky Glenister, Event Manager at Marwell Zoo: "Eclipse Digital Media has brought a whole new dimension to how we communicate with and provide information to our visitors. The end result has exceeded our expectations and the interactive digital map is not only aesthetically pleasing, informative and simple for all age groups to use, but is also quick and easy for our in-house marketing team to update."

The new interactive wayfinding solution allows visitors to explore and navigate the park using the touchscreen to discover and view key information about different animal sections. They can also find out more about upcoming events, how to become a member and general information on all facilities including where to eat and shop.

The weatherproof Samsung touchscreen displays were provided by Eclipse Digital's DooH partner Harp Visual, who provide dynamic digital signage systems. It is IP rated with a laminated glass front panel making it both scratch and vandal resistant.

With a display resolution of 1920x1080 pixels, the capacitive touchscreens deliver HD quality content and are controlled through a ONELAN digital sig-



nage content management network. Each screen has been built into a stylish timber framework to blend into the park surroundings, which were provided by outdoor furniture specialists, Fitzpatrick Woolmer.

"We currently have two units situated at the front and back of the zoo with a long term plan to install more screens across the 140 acre site," says Becky. "Throughout the development and installation of this interac-

tive wayfinding solution we have been impressed by Eclipse Digital Media's professional and enthusiastic approach. The company has also provided full training and high levels of ongoing support to help us get the most out of this innovative digital signage system."

www.eclipsedigitalmedia.co.uk
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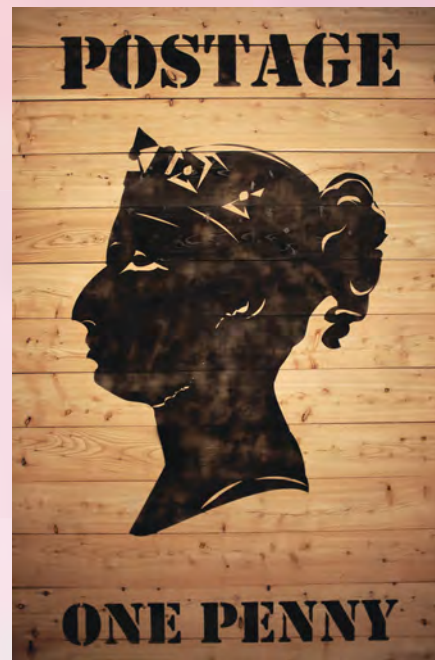
Michelle Henry from HNS Signs talks us through this project, which is part of the refurbishment of Pennyblacks bar in Birmingham.

"We started on site on a Wednesday to hand paint the first wall then returned eight days later to do the rest of the job.

The neon and 240 LED Illuminated sign was mostly fabricated by our star apprentice Macauley with guidance from one of our trained fabricators. He had to make the tray out of aluminium composite in three sections as the sign was so large. Our CNC hadn't been delivered by that point, so it was all done the old fashioned way! He produced a vinyl graphic in the style of the neon which was applied to the tray. This enables people to read the sign even when the neon is turned off. Macauley then had to drill 240 14mm dia holes for the LED lights. He fit the LED lights and wire them up to four transformers. The neon, which was manufactured by City Neon in Birmingham, was attached on site. This whole process took our apprentice nearly three days to do from design to finish.

On site we had Macauley and Raphael, who has only recently started with the company, working

with me to traditionally sign write two walls. Newman Gauge, the interior designers, wanted the artwork to look distressed. This always causes concern as it is hard to work out what they mean by distressed. We decided to go with minimal paint to start with knowing that it would be easier to add more paint and make it look less distressed if that was the look that they were after.



The main obstacles surrounding the walls were that we had to paint them in a busy construction site. We had to work around lots of obstacles and sometimes with no lighting. The breeze block was also harder to paint on than other surfaces as it is so uneven and coarse. Needless to say we left the sables at home for this one!

They also wanted traditional signwriting in tattoo style artwork to direct people to the toilets. We came up with a design at very short notice which they loved. But on the day of it being painted, the wall hadn't yet been built. To get around this, we printed off the artwork onto paper and brought a projector with us. By projecting the image onto the wall, we could save a lot of time by not doing the drawing free hand. It also meant that we did not have to worry about the dimensions. Once the image had been projected onto the built wall, we were able to draw it up quickly and begin the signwriting.

We were also asked to produce a Banksy Style Penny Black stamp piece for a wooden wall. In true Banksy form we produced a stencil and spray painted this one. Again, Newman Gauge wanted it to look rushed and a little rough, which I think we achieved.

We also applied frosted window vinyls above the bar, recovered their free issue illuminated box and provided built up illuminated letters which have to be free standing.

They are so happy with our work that we have been asked to produce additional items."



PROJECT *News*

Here comes the sun...or not!

Virgin Media has collaborated with Esprit Digital to offer a POS screen experience that won't 'be compromised by direct sunlight'. Virgin Media is the first retail brand in the UK to install digital screens that can be viewed in all light conditions throughout their estate. The first screens, in their Oxford Street store, make sure consumers will not experience any viewing difficulties through exterior shop windows in ambient sunlight. Past consumer problems with sunshine include the inability to read ATM screens and 'bleaching' of POS units through light interference.

In the last 12 months Virgin Media has introduced a number of in-store interactive touchscreen video walls to allow customers to browse and compare the options available. The success of using digital media within the stores was extended to store windows. So after a successful trial they will put digital screens in every VM store during 2014.

Paul Williams, Retail Director for Virgin Media said: "We're delighted to be the first retailer to fully embrace this technology. These bespoke screens from Esprit are a key part of our strategy to attract new customers and drive them into our stores. The brightness and clarity are excellent."



Peter Livesey, MD of Esprit Digital, said: "It has been a pleasure working with Virgin on this project. They had a very clear understanding of what they wanted to achieve and our new high bright screens in customised enclosures have gone down really

well with both their staff and their customers. The UK roll-out powered by Acquire Software will be finished this month and I am sure other retailers will be watching closely."

www.espritudigital.com

A green light for Vista System



Vista System's Green Signage Solutions were recently installed by Benchmark Signage, at the Alexander Forbes's new headquarters in Johannesburg, South Africa.

Vista System International, specialists in Modular Curved Frame Technology (MCFT), recently supplied an entire array of 'green' signage solutions for the new headquarters of Alexander Forbes – an international financial and risk services company.

To gain their 4-star Green Building Rating for their new premisses, the client demanded a signage system which is first and foremost 'green'. But is also 'sleek and professional while subdued enough as to allow the graphics to shine', rather than distract attention. This was achieved by using specific colors at customer request with Vista System black anodized extrusions.

The project included over 100 different signs in various types and sizes. It took six weeks to finish, including installation and graphics. Alexander Forbes' offices managed to gain their 4-Star Green Building Rating.

www.vistasystem.com



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PROJECT *News*

The Village School

Philip Ball, managing director of Newbury-based Cobal Signs discusses how one school in Brent is fully embracing the concept of wayfinding. It allows pupils with complex needs to not only find their way around a new, purpose-built £29 million school more easily, but also providing them with a greater sense of identity and belonging.

Having recently undergone a major transformation, staff and pupils moved into the brand new building, funded by The London Borough of Brent in 2013.

The Village School has over 240 pupils aged two to 19 and accommodates children with a wide range of complex needs, including physical, medical and sensory impairment. With more than 200 staff, including teachers, personal care staff and therapists, wayfinding plays a key role to make sure staff, pupils and visitors can find their way around the school quickly, easily and safely.



Community

The school takes its name from an African proverb, which says, 'It takes a whole village to raise a child'. This essentially means that child rearing is thought to be most effective when it involves a communal effort involving extended family, friends and other members of a wider community. It was with this same philosophy that governors, parents and pupils worked with building contractors, design agencies, artists and sign makers to develop a truly creative and heuristic school environment both inside and out; it is an en-

vironment that also reflects the school's values of inclusion and entitlement.

Head Teacher Kay Johnson said: "From the moment you arrive at the school it's clear from the large exterior signage depicting the faces of some of our pupils that we are all about inclusion and ownership. For our pupils it's important for them to feel a sense of belonging and being part of something much bigger. This has a profound effect on our pupils as without doubt, it leads to increased levels of confidence

and creates the right environment that is conducive to learning and generating happiness and positivity within the school.

"The signage clearly has a very practical and functional purpose and it does this in conjunction with sensory objects and audible sound cues located throughout the school. Many of our pupils communicate using symbols so the bright wall art is extremely helpful."

Design

Cobal Signs worked closely with design agency Taxi Studio to continue the school's positive brand identity through the use of artistic wall art and a wayfinding scheme that would prove 'invisible'. In other words, the scheme allows visitors and pupils to move around the building without having to ask for directions.

Appointed by main contractor Leadbitter, Cobal Signs was tasked with providing impactful external and internal signage, manifestation and digital wallpaper using strong colours and bold imagery.

Olly Guise, design director for Taxi Studio said: "Signage is very important in this sort of environment. Given the pupils' spectrum of complex needs, from sensory impairment to speech, communication and language needs, it was even more essential to get things right. Wayfinding is something that is often overlooked in schools and ill-considered schemes show how signage has been developed as an after thought. On a practical level, poorly conceived wayfinding actually hinders and confuses, whilst on an aesthetic level it's important for the signage design to complement the architecture.



"Beyond the signage, the physical environment features such as colour, texture, lighting and landmarks can aid wayfinding – all of which were techniques employed in the design of the Village School."

Colour and composition

During the development stages of the wayfinding scheme, special attention was given to identifying key decision points in the building, ensuring that people weren't overloaded with too much information. If a building is littered with signs this can often be counter intuitive. Consideration also had to be given to the visibility of the signage, particularly for those pupils in wheelchairs. The signage was deliberately designed in such a way so that it wouldn't jar with the rest of the school environment. Certain colour combinations and compositions were avoided as these can sometimes trigger adverse reactions from pupils.

The graphics for the internal signs featured rebus icons; a set of symbols widely used in special educational needs (SEN) environments, and a system already adopted by the school.

The internal signage adopted a dark grey and off white colour scheme, achieving a good contrast without the glare created with black and white. A restricted palette of colours maintained simplicity and coherence throughout the building whilst complementing the range of wall colours in the school. To ensure the signage was robust and tamper-proof, printed graphics were sandwiched between acrylic sheets to raise the design and help preserve it.

Wayfinding should be based on princi-

ples of mental mapping, gradual disclosure of information at the right time and place and graphic language. It should also form part of a wider strategy to remove physical and mental barriers to movement. With the design expertise of Taxi Studio, Cobal has produced a functional and creative wayfinding scheme that both staff and pupils at The Village School will appreciate and benefit from in years to come.

www.cobal.co.uk



Signage – Cobal Signs
Design and build contractors – Leadbitter
Design agency – Taxi Studio

PROJECT *News*

Eye-catching vehicle graphics provide the wow factor!

'Quality and fast turnaround of products and services' by William Smith are key factors in their ongoing relationship with Dalesflex Signs & Graphics. So they were the natural choice when Dalesflex needed to create eye-catching vehicle wraps to complement new branding for coach operator Bibby's of Ingleton's.

Dalesflex, based in Hawes, North Yorkshire, has been supplying vehicle graphics for Bibby's of Ingleton for more than six years and had recommended modernising Bibby's image. Previously coach graphics had been produced from cut vinyl but the new design and branding, which features shading and colour changing throughout, required a printed solution.

"Having worked with William Smith on a range of projects over many years and, in particular with printing onto 3M products, we contracted them to supply the new vehicle graphics for Bibby's," says Dalesflex Managing Director Andy Walls.

"With one of the side graphics spanning 10m long by 1500mm deep and no major indents to be covered, William Smith recommended 3M Scotchcal IJ40 for the job. In addition, their use of latex printing processes meant that we could achieve faster turnaround and install times," explains Mr. Walls.

The first coach was shown at the European Coach & Bus Show at the NEC. During the first day of the show Dalesflex received a call from Bibby's Managing Director asking them to get down to the show as



3M Scotchcal IJ40 Series polymeric calendered digital print film is suitable for fleet graphics, signs, display and window graphics and can be applied to flat glass, metal paint and rigid plastic. It comes in a choice of 10 colours.

soon as possible. "When we arrived fearing the worst, to our relief he explained that he wanted us to see for ourselves the amazing impact the new graphics were making at the show," says a 'delighted' Andy Walls.

"We have worked on various projects with William Smith from vehicle wrap graph-

ics to wayfinding signs. They always step up to the mark with a fast turnaround of both products and services. The quality of their products and service can be recommended to any sign company," he said.

www.williamsmith.co.uk





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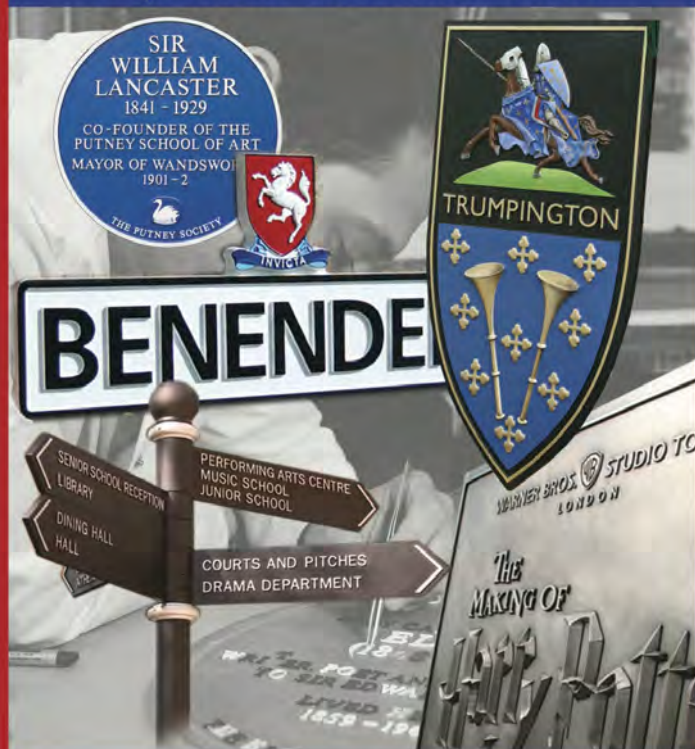
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Octink brings creativity to construction at the Olympic Park

Marketing suite specialist Octink recently completed a 'state-of-the-art' marketing suite for Taylor Wimpey at Chobham Manor, the first of five neighbourhoods to be created in the Queen Elizabeth Olympic Park. At almost 1000m², the suite is the largest Octink has ever built and one of the largest in the London residential property sector.

The three-storey marketing suite is designed around the 'sales journey' that the customer will take from arrival at the site through to purchase decisions and even specifying finishes. On the ground floor, the reception area is flanked by individual sales desks and also encompasses a lounge area where potential homebuyers will be able to look at site layouts and home designs on iPads. Instead of a model of the site, a large flat screen featuring a user-friendly interactive tool developed by Wagstaffs Design allows visitors to explore the development in 3D and find detailed information about each building. After virtually exploring the development, customers will then proceed upstairs to explore a two-bedroom and a three-bedroom show apartment, while an impressive roof terrace offers views across the development.

Making the most of location and legacy

"The homes that are being developed here will not only be energy efficient and finished to superb internal specifications, but they've been designed to offer a real sense of light and space, so creating a marketing suite



that conveyed all of this was vital," says Simon Martin, Client Services Director of Octink. "The site also has views across the River Lea wetland park to Canary Wharf and the City, as well as of the nearby Lee Valley VeloPark, so our design needed to make the most of those."

Chobham Manor is Octink's first marketing suite to utilise Suitebox, a bespoke steel frame using modular elements which is installed on adjustable steel pad feet, eliminating the need for perfectly level ground. This enables considerable cost savings, while reducing build time by as much as three weeks, and making the structure easy to demount and relocate.

Another benefit is that when Taylor Wimpey chooses to remove the marketing suite in the future, this will be able to be done quickly with no pilings, concrete slabs or other foundations left behind.

"The pads were laid and formed the base for the modular steel sections. The steel work was pre-drilled off site and pinned rather than bolted which helped to expedite the erection and future dismantling of the suite. The structural skeleton was complete in only a matter of days which was key in maintaining a particularly tight programme", says Hatfield. "As a result, from the moment that we started the build in January until we had a watertight structure took only two weeks. This meant that we could get our installation teams in to start the next phase of the build – erecting interior walls, installing wiring, plumbing and communications, fitting furniture, applying wall graphics and so on."

Octink's comprehensive service has enabled the company to meet every requirement throughout the project. In addition to start-to-finish management of the project, they have also printed all of the way-finding, safety and exterior signage on-site, as well as 150m² of wall graphics in the marketing suite and the 1km of advertising hoardings that surrounds the site.

www.octink.com



An 'explosion of colour and coolness' in Miami!

The Gumball 3000 features some of the world's greatest cars taking part in the 3000 mile road trip of a lifetime that went from Miami to Ibiza in June 2014.

Raccoon as the 'Official Branding Partner' of the rally has played its part in getting the cars looking even more fantastic, designing and applying wraps in line with this year's theme of 'Miami Vice'. The theme encouraged the Gumballers to add neon colours and retro designs to their vehicles. This year's starting grid 'really got those heads turning and jaws dropping with an explosion of colour and coolness'.

Joining in with the theme was optional but it was embraced by the majority of the grid with some going for 'popping full wraps or opting for sleek liveries'. Participants turned to Raccoon with their creative brief

and they responded with ideas that could transform their cars. Working together every step of the way with the Gumballers, Raccoon designed, printed, finished and applied all wraps and liveries. Whilst producing and applying all of the sponsors' decals and team numbers, which was over 120 teams.

Among the 'Miami Vice' grid this year

Team Wolfpack's Tron inspired four supercar fleet featuring real glow in the dark lighting within the wrap. Each car has a different colour base wrap and a different glow!

Team Galag's vehicles, a McLaren P1, Weismann and Shelby were transformed with what Raccoon believes is a world first. Three different coloured printed chrome wraps with same matte printed design. A combined matte and chrome wrap was considered impossible but using a special in-house production method it was doable and the results are amazing.

Team 17 went for a black velvet wrap with red chrome bonnet and Scottish flag boot. Velvet is always an eye catcher but adding the chrome really gave this special Rolls-Royce another dimension.

The Gumball Edition wrap for this year incorporated the theme with a matte black base and neon blue and pink trims. Many of the Gumballers chose their own trims and experimented with different base colours which made the grid the 'best that's been seen'.



Managing Director, Richard Clark said: "Every year since 2004, we have worked with Gumball 3000 and its participants to create magnificent wraps for their super cars. This year was no different and we even created some world firsts. The Team Galag cars were wrapped in a printed chrome with matte printed design, this wrap has to be seen to be believed!"

We have received hundreds of comments and likes on social media about the work we are doing with the rally and it's always nice to read them to see what people think. We are very proud to be a part of this truly fantastic annual event and look forward to our next Gumball challenge."

Raccoon recently won a FESPA Gold award for Outdoor/Vehicle decoration for its work in 2013 for the 'Gumball 3000 Rally, when it created the 'Gumball Army'.

www.raccoon.co.uk

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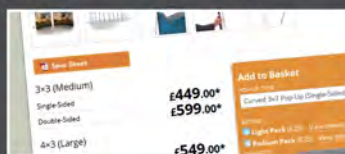
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PROJECT *News*

Local students create inspirational Mimaki showroom for Hybrid Services

With a 2,000sq foot showroom at its disposal, Mimaki distributor for the UK and Ireland, Hybrid Services Ltd took the task of redecorating it to local educational institution, South Cheshire College.

National Sales Manager – Sign & Graphics at Hybrid, John de la Roche said: “The blank canvas of our showroom came with the added benefit of enabling Hybrid to forge links with the college and provide valuable experience to its graphic design students,” he said. “We’re proud to be doing our bit in helping preserve the future of print by introducing them to the world of wide-format printers – and giving them unprecedented access to the very latest technology from Mimaki.”

Hybrid has been involved in training opportunities for its customers for many years, but the showroom suite which houses a substantial selection of wide-format Mimaki printers has never been readily accessible to up and coming students – until now. With a desire to show the vast array of applications capable of being achieved with a Mimaki, Hybrid partnered with the college and the core idea of the project began to take shape; to create a suite of complementary designs to rebrand Hybrid’s showroom.

With the 2nd year students briefed and set to work, mentoring came from Hybrid’s design and marketing agency, UV Creative.



Following an ‘Apprentice’ style pitch environment, the strongest concept was selected to take the project forward and the students were invited into the showroom for two hands-on days, working directly with Hybrid’s sales and technical teams to bring

the designs to life. The end result was the production of banners, signage, promotional items, wallpaper and many more products, all exhibiting a common, collective theme that allowed the new No 3 Gateway showroom brand to be born.

Groups of students were able to use the full array of Mimaki technology, experiencing the company’s latest outdoor durable, latex, SUV, textile and LED UV printers. Some of the students were even given vehicle wrapping experience – applying their livery to one of Hybrid’s vehicles – ensuring they gained real-world application skills as well as extensive use of the printing and cutting hardware.

“I am really happy that I had the opportunity to work alongside a real client,” says Ben Smith – one of the students.

“It has definitely made me more focused and it is reflected in the amazing results. I believe it’s the best work I have created throughout the whole two years of the course.”

De la Roche confirms the impact of the exercise has been hugely encouraging: “The project has been a great success and a positive experience for all parties involved. The team at Hybrid has been able to give a group of young people skills and experience in a real working environment which will stand them in great stead as they look to further their education or enter the workplace.”



Sign 2000 creates Caribbean theme at new restaurant

Corporate signage specialist, Kent-based Sign 2000 has created signage and associated graphics that fully complement the distinctive Caribbean theme of the new Turtle Bay restaurant in Leicester. A new addition to one of the 'fastest growing' speciality

restaurant chains in the UK. The aim of the restaurant is to project a genuine Caribbean island theme by providing authentic dishes from that part of the world and creating the same informal and characteristically friendly ambience.



Sign 2000 worked in partnership with the design agency and main contractor and provided an eclectic mix of interior and exterior signage and graphics manifestations utilising both traditional artisan skills and the latest manufacturing technologies. The result was an 'eye-catching display that captured the life style and culture of the Caribbean'.

Main signage was produced using powder-coated aluminium sheet with inlaid acrylic text and logos. GE Tetra LED illumination technology was used for the interior of the restaurant, while the external neon signage was housed within protective fabricated polycarbonate cases. Supporting graphics were digitally printed using 3M premium-grade films.

www.sign2000.co.uk



PRODUCT *Choice*

imageData Group invests in world's first Inca Onset R40i UV flatbed printer

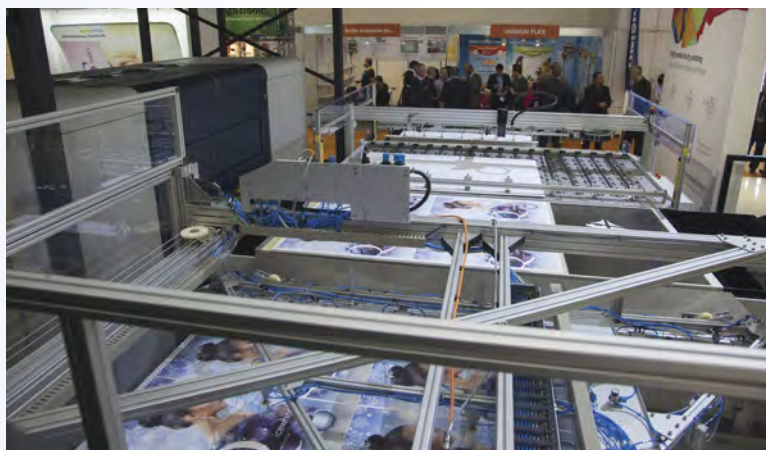
One of the UK's largest independent print companies, imageData Group, has placed an order for the world's first Inca Onset R40i, which was launched by Inca Digital and Fujifilm at FESPA Digital 2014.

Driven by continuous research into leading edge printing technology to support both its business growth and its customers' needs, imageData Group was 'impressed by the performance of this latest addition to the Inca Onset series'.

David Danforth, CEO at imageData Group, said: "We boast a long-standing relationship with Fujifilm & Inca, who have been supplying us with excellent inks and high-end digital printing devices for many years. In 2004 we were the UK beta site for Inca's Columbia Turbo flatbed printer, ultimately installing two of these devices, which was followed by an investment in an Onset S70 in 2007."

He said: "Over the last year, we have reviewed the market in search of an exceptionally productive and advanced flatbed printer to join our line-up of large format digital machines at Howden, East Yorkshire. The new Onset R40i we saw on Fujifilm's stand at FESPA Digital caught our eye due to its perfect mix of features."

The print quality and production flexibility offered by the new machine were key in the company's decision-making process.



David said: "We work with a wide variety of clients across the public, corporate, retail and allied sectors, and are committed to guaranteeing the most efficient, high quality range of services. The Onset R40i boasts productivity of 400m²/hour, a maximum output resolution of 1200dpi, and the ability to handle media up to 50mm thick. We are confident that this combination of features will raise the bar in terms of our productivity and help us to manage a wide variety of new jobs."

imageData Group has invested in the Onset R40i printer together with the Inca 3/4

automatic material handling system, which provides superb accuracy and flexibility across the complete range of materials used in the POP arena. David said: "We believe that the integration between the device and Inca's proprietary material loader will enable us to print non-stop onto a variety of substrates used in the POP and display markets, improving our efficiency and enabling us to be more competitive."

www.incadigital.com

www.fujifilm.eu/eu/products/graphic-systems/

Onlineprint shop chooses Durst Rho 312R



Symbolic hand-over of the key of the Rho 312 R by Christoph Gamper, CEO of the Durst Group (right) to Heiko Wiederer, Product Manager of Onlineprinters GmbH.

Onlineprinters has launched a new high-speed UV roll-to-roll printer for printing mesh and PVC tarpaulins in premium digital printing quality. "The new printer, Durst Rho 312R roll-to-roll printer, allows us to print individual large formats for tarpaulins and mesh fabric with an excellent image quality unrivalled on the market for outdoor advertising," says Julia Voigt, Marketing Manager of Onlineprinters GmbH.

"The 'fine-art' image quality is attributed to a 6-colour UV ink set that includes light cyan and light magenta and by the intelligent Variodrop technology with particularly high pigment concentration and a resolution of 900 dpi in the printing system. This technology yields warmer colours and homogenous coloured areas with a soft look.

"This enables our customers to present expressive and colourful advertising messages at the point of sale for a highly detailed representation of the image even up close," says Julia.

The Durst Rho 312R roll-to-roll printer presented for the first time at the Fespa Digital in Munich in May was officially handed over to Onlineprinters, the German provider of online printing services, at the trade show. "We have developed a new printer that is excellently suited for three-shift industrial operation at Onlineprinters GmbH. The printer is capable of processing a great variety of materials, enabling flexible printing and fast printing times with little preparation time," says Peter Weingartner, Director of Technical Development with Durst Phototechnik Digital Technology GmbH in Austria.

www.onlineprinters.co.uk

Print Factor and White Space Creative hail Bubble Free purchase a success!

Print Factor and White Space Creative, who both purchased a Bubble Free Applicator at Sign and Digital UK are 'delighted' with their investments.

Based in Weston Super Mare, Print Factor provide a wide range of printing services, such as shop signs, display systems, flyers, vehicle wraps and business cards to individuals and companies across the country. The company had been looking for some finishing equipment when they came across the Bubble Free Applicator at Sign UK.

Raffele Mignano, Managing Director of Print Factor said: "What really impressed us were the features of the Bubble Free Applicator, such as the illuminating lights which allow you to see through the vinyl; the ease of using the machine on your own; and the cutting mat. The quality of the machine is fantastic and it offers excellent value for money. We've also been delighted with the service from the Josero team. They were extremely professional and brilliant communication."

White Space Creative based in Royston, Hertfordshire offer 'complete solutions for all exhibition, retail, interior, event, display and graphic requirements'. The company handles everything from design through to installation in house. With clients ranging from large multi-nationals to SMEs including Puma, FCUK, Blackberry, Oracle and Iveco, they 'only invest in the very best equipment'.

Having worked with the Josero team in the past and bought laminating



equipment and refurbished printers from them, they had 'no hesitation' speaking to Josero at the exhibition about their finishing requirements.

Nick White, Studio Manager at White Space Creative, said: "We'd been looking at mounting benches on the market for some time, and the Bubble Free Applicator completely fitted our criteria. The high quality design and manufacture of it makes an excellent investment. We're thrilled with how well it performs. The ease and flexibility of the Applicator has extended the capability of our print department and we are now handling larger projects in half the time. Having confidence in the machine allows us to put through a much wider variety

of print work, all with great results. We really can't thank the Josero team enough for their support!"

The Bubble Free has been a real success for Josero since its launch at Sign and Digital UK in 2013. Loic Delor, Managing Director at Josero said: "We've been overwhelmed by the success of the Bubble Free Applicator. The feedback from all customers who have bought the applicator has been very similar to that from Print Factor and White Space Creative. The product is superb quality, it's reliable, does exactly what it claims to do and is great value for money – a real success story."

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PRODUCT *Choice*

Venture Signs buys Epson SureColor SC-S30600 from SMGG

Lincoln-based Venture Signs & Graphics Ltd recently installed an Epson SureColor SC-S30600 printer to 'expand its print capabilities and bring more of its wide format print work in-house'. The company bought the printer from SMGG, the commercial graphics division of Stanford Marsh Group.

It was selected for its 'efficiency and reliability, alongside its excellent reputation for printing on vinyl media'. Venture Signs is primarily using the printer for sign-making applications and vehicle graphics. The printer recently enabled Venture Signs to tackle a 50m hoarding print job with no difficulties whatsoever, something that would have been 'high-on impossible' prior to the installation.

Another eye-catching project is the company's use of the SureColor SC-S30600 to print vinyls for wrapping eight support vehicles and two exhibition units for the Lincolnshire and Nottinghamshire Air Ambulance. Venture Signs & Graphics was contracted to print and fit the required liveries and graphics to the various vehicles and units. They were praised for the 'quality of its expert printing and application services'. The fleet's distinctive yellow livery with the charity's branding is said to have helped the helicopter and supporting exhibition unit to attract a 30 per cent increase in visitors at the recent Waddington Air Show.

Designed to offer efficient and environmentally-friendly production at the lowest total cost of ownership, it enables print businesses such as Venture Signs to 'cost-effectively expand their service offerings'. It can produce everything from posters, signs, banners, backlit panels and POS to vehicle wraps, interior decorations and exhibition displays.

With a wide range of roll media supported, users can reliably and cost-effectively



tively print on vinyl, canvas, clear film, photographic paper and a range of popular banner substrates, at up to 64-inch (162.6cm) width.

Keith Archer from Venture Signs said: "We were looking for a printer to boost our production and the SureColor SC-S30600 was highly recommended by a number of people. The Epson print heads were singled out as being particularly impressive."

Whilst buying this wide format printer, Venture Signs also purchased an Easy Mount EM 1600 SH laminator and Wasatch RIP software. They also benefitted from a free-of-charge Epson SureColor Academy training day which ensures that 'end users can get the very best results from their new printers'.

The company selected SMGG as the

supplier having seen a number of positive customer testimonials in the trade press, backed up by a number of personal recommendations. Keith said: "Our experience of working with SMGG has been very positive."

The company's responsiveness made the purchase and installation a simple and hassle-free experience."

SMGG's Steve Guest said: "As an independent supplier of one of the widest ranges of leading printers in the UK, we are always able to recommend the right solution for the right application. Whilst our pricing is always competitive, it is never at the cost of good service and we pride ourselves in the unbiased consultancy services we are able to offer."

www.smgg.co.uk

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PRODUCT *Choice*

QPS gets Roland RE-640 on track at Eventureworks

Eventureworks began running its second Roland VersaArt RE-640 wide-format printer just days after buying the machine from Quality Print Services (QPS) at Sign and Digital UK.

Eventureworks and QPS shook on the deal on the first day of Sign UK, where the Roland RE-640 was running Nazdar dye-sublimation inks, which are 'ideal' for their specialist output of cycle jerseys.

QPS director Chris Bailey travelled from the supplier's Lancashire base just eight days later to install it in Eventureworks's Falkirk printroom, next to an identical Roland RE-640 installed by QPS in December.

Brian Gibb, director at Eventureworks, explains why he chose a second RE-640: "We're launching a new website and wanted to increase production by replacing a Mimaki machine, which was a little out of date, with one that could deliver more volume reliably.

"We were toying with the idea of installing a faster, larger machine but decided on two slightly slower, identical printers to give us greater production flexibility and to

provide a degree of redundancy in the unlikely event of technical difficulties down the line. So that we can easily transfer jobs to the other and still work at 50 per cent capacity. Our customers demand a quick turnaround and this way we can offer a much faster service than our competitors in the sportswear market."

He said: "We do a lot of unattended printing and having two identical Rolands means we have greater control over production; we can just load jobs and let them run."

The Roland VersaArt RE-640 is a high-performance 64" solution offering image quality up to 1440 x 720dpi. With an optional automated take-up system for unattended printing and ability to support media rolls up to 40kg in weight, it is ideal for printing sublimation transfers with Nazdar dye-sublimation inks from QPS, which Brian says provide both quality and reliability.

QPS, an authorised Roland dealer for dye-sublimation applications, also provides technical support, which Brian describes as 'second to none'.

"We have worked with Eventureworks since 2002, providing Nazdar inks, tech support and now Roland dye-sublimation hardware solutions," says QPS director Chris Bailey. "Producing specialised output like cycle jerseys means the business has to be as competitive as possible, and the two Roland machines running reliable, top-quality Nazdar dye-sub inks help to achieve that."

"We're looking forward to seeing the business develop with the additional capacity the second printer allows."

Eventureworks prints bespoke cycle jerseys for individuals, charity ride teams, cycling clubs and blue-chip companies taking part in cycling challenges, as well as T-shirts and other sportswear, through its website TheCycleJersey.com. The company's other site offers printed floor mats, bar runners, banners and fabric window displays, all printed on the Roland VersaArt RE-640 machines with Nazdar dye-sublimation inks.

www.qualityprintsolutions.com



The Roland VersaArt RE-640 was demonstrated at Sign and Digital UK 2014 before being installed at Eventureworks's printroom.

Koolkut powers growth at Elite Signs

Growth, while a good thing and a key goal for many businesses, brings its challenges, says Elite Signs, as the issue of sheet material cutting loomed large among those challenges.

Established in 1998, they originally cut Foamex and Dibond manually with a blade and straight edge, buying other sheet materials cut to size. This approach was fine while the business was small, but the owner Nick Tinker said it fell short once the company began to grow.

There were three main issues. Studio work flow needed to be smoothed and accelerated; off-cuts needed to be used instead of being thrown away; and Elite's ability to respond to rush orders needed improving. "It all came down to the need for greater flexibility and capacity," says Nick.

To achieve that flexibility and capacity, Elite Signs needed to be able to cut sheet materials in house. With standard sized sheets of common materials on hand and the ability to cut them as required, the company would no longer need to wait for their suppliers to deliver materials for each incoming order. Elite would also be able to make use of off cuts, turning what was previously waste into saleable products.

Nick was aware that a moving-column vertical panel saw would be the best option, requiring only a small operating footprint; able to cut a wide variety of materials, facilitate a one-man operation and repeat

cuts; and entirely eliminate the need for horizontal handling that was problematic with heavy sheets and vulnerable, flexible sheets such as acrylics.

Speaking to Sagatech to find out more about the Koolkut range, Nick found the company friendly and helpful

Whilst researching the market, he found most machines were 'exceptionally' expensive, even when available second hand. It was at this point that he came across the Koolkut range from British panel saw specialist Sagatech "I was impressed," he said. "The Koolkuts were priced about the same, new, as many second hand machines, and it was immediately apparent that they're robust, solidly built saws. For the money, it was (and is) amazing."

Speaking to Sagatech to find out more about the Koolkut range, Nick found the company friendly and helpful. "There was plenty of detail on the saws. I was able to get all the information I needed to properly assess whether a Koolkut would be right for us," he said.

Elite Signs' Koolkut KK21 is the largest saw in the Koolkut range, catering for sheet

sizes of up to 3.1m by 2.1m. Its smaller siblings, the KK16 and KK12, cut sheets of up to 10' x 5' (3.1m x 1.6m) and 8' x 4' (2.5m x 1.25m) respectively. All Koolkuts offer plunge and bevel cutting, simple and compound angle cutting to the full length and breadth of the sheet, quick stops for easy precise and repeat dimensioning and mid-height supports for smaller workpieces.

The Koolkut range sits at the heavy-weight end of Sagatech's family of saws, capable of high-end intermediate industrial use. Some operators are using these saws to cut up to 150 sheets per week. At the other end of the spectrum, Sagatech's fully portable Zapkut ZK range offers a genuine vertical panel saw solution to entry-level operators. While the Zapkut ZM units are mid-range solutions, providing many of the benefits of heavier duty units (such as a moving column design) at a fraction of the cost.

Versatility, precision and safety

Able to cut a wide range of signmaking materials, including plywood, MDF, acrylics, Foamex, Dibond and solid aluminium, the Koolkut range offers greater versatility than guillotine and knife-blade cutting solutions.

With no exposed blade nor the need to move the workpiece during cutting, these saws are safer than common alternatives such as table saws. The exceptionally robust frame and high-precision, sealed-for-life bearings offer more precise cutting. The vertical attitude removes the need for horizontal sheet handling, reducing the risk of injury and workpiece damage. Cutting even the heaviest sheets is a genuine one-man job.

Installed in early 2013 Elite Signs' Koolkut KK21 has become an 'indispensable part of Elite Signs' armoury'. Running every day and on busy days, more or less continuously the Koolkut is used for dimensioning Foamex and Dibond, and trimming off-cuts to size for use in customer projects. The saw is also frequently used to trim off the bleed on finished signs. "The quality of the cut edge is that good," said Nick.

The Koolkut's impact on the business has been substantial. It has markedly accelerated Elite's production process and improved flexibility in the studio. Nick's team can now cut materials when it's most convenient to do so, making productive use of what was previously down-time.

www.sagatech.co.uk



PRODUCT *Choice*

QPS helps Kirkby Signs take to the road with new ad vans

Liverpool's Kirkby Signs has expanded into mobile advertising vans following the installation of a new Roland wide-format printer and Nazdar inks.

Kirkby Signs is running brand-new Nazdar 202 Series digital inks, supplied by Quality Print Services (QPS), on its recently installed 64"-wide Roland Pro 4 XR-640. It runs alongside its five-year-old, 54"-wide Roland SolJet Pro 2 with Nazdar 2000 inks. QPS also handles the maintenance for the older machine, which is still going strong with its original printheads.

Thanks to the extra width provided by the new printer and the quality, reliability and low price of the Nazdar 202 inks, Kirkby Signs was able to offer the capacity needed to print bespoke banners for four new ad-

vertising vans. They are hired out at a budget-friendly price to small local businesses such as sofa retailers, restaurants, car boot sales and tyre companies and have been so successful that an additional two ad vans are currently being converted.

"We're bridging a gap with the new ad vans," says Terry Furlong, Owner of Kirkby Signs. "It's a low-cost option that enables small companies to try mobile advertising, which they could never have dreamt of trying before."

The banners are printed with Nazdar 202 Series digital inks, developed specifically for Roland SolJet Pro4 XF-640 and XR-640 and Roland VersaCamm VSi wide-format printers. Officially launched at FESPA, the plug-and-play solution is colour-matched to Roland Eco-Sol Max 2 inks and offers ex-



cellent alcohol, scratch and rub resistance.

He adds that he had trialled an alternative ink from a different manufacturer but the smell caused problems in Kirkby Signs's small printroom. Switching to Nazdar inks, he found it had no odour and was 'exactly the same as the original inks' in terms of colour, quality and reliability.

www.qualityprintservices.com

Sticky Media invests in Summa F1612 flatbedcutter

Sticky Media Signs and Graphics made a 'key' investment in its in-house finishing capability at Sign and Digital UK, when they bought a Summa F1612 flatbed cutter from City and West End Solutions (CWE).

Sticky Media 'pride' themselves on being branding solution providers working on event builds, shop fitting, vehicle graphics, outdoor and indoor promotion, long and short term signage, event work and display systems.

Managing Director Charlie Bukovets said: "We've had a very productive first quarter to 2014, during which we expanded our range of HP digital latex printers so we can now print up to 3m wide and quicker too, to give us the leading edge against our competitors with compelling service."

"The flexibility and capacity of the Summa F1612 flatbed cutter will enable us to produce a diverse range of branding solutions and keep up with ever-more chal-

lenging and sophisticated client briefs.

"We hope the new Summa in conjunction with our HP Latex printers will also help us expand further into creating anything from a huge outdoor screen for a theme park, through to large POS projects for major car dealership networks, with the superior contour cutting and print quality."

The Summa was installed a couple of weeks ago and Charlie said: "it's working well for us straight away and hasn't stopped." CWE Managing Director Doug Gilbertson said: "The Summa flatbed cutter is the perfect partner for a HP Latex printer. Together they really expand any print provider's range of indoor and outdoor applications to meet the demands of today's customers."

The Summa F series flatbed cutting tables are capable of cutting sheet and rigid materials as well as roll stock up to 165cm wide. Up to three tools can be inserted at any one time. The automatic tool recognition, combined with digital and mechanical depth and pressure control, ensures precision cutting on a wide variety of materials.

The drag module and Summa's revolutionary integrated camera system guarantees fast and accurate contour cutting of printed flexible or rigid substrate materials. The HP Latex print technology ensures 'consistently beautiful prints' that dry immediately, with 'unrivalled versatility and outstanding quality coupled with high environmental standards'.

www.cwesolutions.co.uk
www.stickym.com



From left, Sticky Media Managing Director Charlie Bukovets with CWE Managing Director Doug Gilbertson.

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PRODUCT *Choice*

'Power' of vehicle branding proven with Mimaki install

Plus2Print is a printing company with a strong online social media presence and acquires a substantial portion of its business through platforms such as Facebook and Twitter. But when it came to investing in a Mimaki CJV30-100, the purchase came about through a more traditional way!

When the time came to invest in new printing technology to help Plus2Print get new customers and increase production, it set about researching what was available and fulfilled the needs of its customers. However, a chance meeting at a set of traffic lights was all that was needed to partner Plus2Print with the right machine for its requirements and budget.

"The Mimaki CJV30 fitted into our setup perfectly and the seamless transition from printing into cutting has been a great asset to us."

"We just so happened to see a Dennis D Evans van parked at a set of traffic lights and I knocked on the window for a brochure," says Gavin Oakes. "It really was a fortuitous meeting, as we soon found out." Dennis D Evans, the long standing Belfast



The CJV30 Series printer/cutter is an award winning integrated print and cut solution from Mimaki and offers flexibility with its four sizing options from 60cm through to 1.6m. Combining high performance with superior print quality, it has production print speeds of 17.5m²/h and runs with Mimaki's SS21 fast drying, outdoor durable inks. It is provided with Mimaki's RasterLink Pro RIP software, featuring continuous print and cut, 16-bit rendering and a whole host of user-friendly machine specific tools, as well a gold warranty as standard.

"It's a great illustration of what good vehicle graphics can do for your business," says Frank Wilson of Dennis D Evans. "It was a refreshing example of how you mustn't over look more conventional marketing means, and a perfect opportunity for us to show Plus2Print how a Mimaki CJV30 could enable them to produce high quality vehicle graphics for their customers, in addition to a whole host of other applications."

based Mimaki reseller, was able to demonstrate the speed and superior print quality of the Mimaki CJV30 integrated printer/cutter and Plus2Print had their installation shortly after.

"The Mimaki CJV30 fitted into our setup perfectly and the seamless transition from printing into cutting has been a great asset to us," says Oakes. "We were looking at wide format to push our business forward to the next level, having been mainly print and design for 20 years. Meeting the Dennis D Evans guys was a real breakthrough – vehicle graphics are great way of strengthening any company's brand and giving a business a professional image; all of which can now be done with our Mimaki."

www.devans.co.uk

SHOWS & EXHIBITIONS

FESPA Digital 2014

Exhibitors at the recently held FESPA Digital 2014 (Munich, Germany, 20-23 May 2014), met the most internationally diverse audience of any FESPA Digital show to date, with visitors streaming to Munich from 121 countries, according to the organisers.

The largest visitor delegations came from Germany, Italy, Austria, UK and Spain. Confirming the event's growing global appeal, 70 per cent of visitors came from outside the host nation, with record attendance from many countries.

Awards

Each year the EDP Awards recognise the best innovative technology launched into the digital printing market.

Epson won two awards at the 2014 European Digital Press Association (EDP) awards announced at FESPA Digital.

EDP named the Epson SureColor SC-F2000 **"Best Direct Garment Textile Printer"** and Japanese Kozo Paper Thin as **"Best No-Adhesive Roll Media"**.

The SureColor SC-F2000, Epson's first direct-to-garment T-shirt printer, enables small to medium business to offer new T-shirt design and print services. The printer combines high performance with low maintenance and running costs, and is supplied with Epson's Garment Creator software.

Epson's first Japanese-inspired media, **Japanese Kozo Paper Thin** is a translucent, natural-fibre, mulberry-based inkjet paper that is just 34 gsm, yet strong and durable. The combination of coating and ink delivers high colour density, suiting it ideally to high-end photography, fine art display and interior design. Designed for easy printing, the paper can be used to produce products as diverse as Japanese screens, room dividers, and even paper windows.

Esko's Kongsberg C 'cuts through competition' to win award

Esko's Kongsberg C digital finishing platform has been awarded as Best Large Format Finishing System by the European Digital Press Association.

Esko Kongsberg C provides the 'highest versatility for all sign, display and packaging applications'. One of the most



noticeable new features is the composite traverse technology that provides the fastest throughput along with the 'highest quality and precision in cutting and routing compared to all other systems of the same size'.

These completely re-engineered and fully-featured superwide digital finishing solutions have been designed for 24/7 production and semi-industrial environments.

Can meet these requirements perfectly and stay ahead of the competition, maintaining our position as a provider of top quality displays, publicity and advertising products."

Mimaki Honored with two European Digital Press Association (EDP) Awards

Mimaki won two European Digital Press Association (EDP) awards and two nominations. The Mimaki JFX200-2513 wide format printer with LED curing was selected from a crowded field of submissions for Best Flatbed/Hybrid Printer up to €200K. And Mimaki's KEBAB option for 360-degree direct printing on cylindrical products was named Best Multi-Purpose Object Printer.

FESPA 2014 awards

Following months of voting online, the 2014 **People's Choice of the Year** Award was presented to A-Design, Russia, for their skull t-shirt entry in the Garment and Functional Printing category in which they also won Gold.

The **Best in Show Award** went to ZEGO Promotion & Logistik GmbH, Germany, for its entry in the Garment Decoration of the Year category.

The **Young Star Award** was awarded to **Eleni Bourazanis** from England, who has won a six month internship with Mimaki, based at their head office in Amsterdam.

The winners in the application categories are:

- Fine Art Print of the Year: Marvel Graphic Studio, India
- Functional Print of the Year: LUXeXcel Printoptical Technology, The Netherlands
- Garment Decoration of the Year: A-Design, Russia
- In-store project of the Year: Press On, England
- Integrated print campaign of the Year: Horizon Digital Print, Ireland
- Interior Decoration of the Year: Van Iwaarden Artwork, The Netherlands
- Outdoor and Vehicle Project of the Year: Raccoon London, England
- Special Effects Print of the Year: Foster Screenprinting / Arria Design Group, New Zealand

Mark Thompson, Printdesigns Limited, has been named the winner of the FESPA Fabric 2014 t-shirt design competition, receiving 522 votes from visitors at the exhibition and taking away the €250 grand prize.

LED LIGHTING *Feature*

How the LED market is evolving in 2014

With new LED technology flooding the market each year, sign makers have a number of options when it comes to sourcing quality modules to create stunning LED signage. Jemima Codrington spoke with leading manufacturers to find out more about the newest developments, installation do's and don'ts, and how sign makers can pick the best LED product for the job.

Aside from energy-efficiency and low operating costs, LEDs provide a number of other benefits to sign makers, says, Janice Fairfield, Marketing Director, Fairfield Lighting.



Fairfield Lighting develops products ideal for creating interior estate agency displays.

"The biggest advantage offered by LEDs is the flexibility," she says. "They can be embedded into anything from panels to individual lettering, and provide a great overall spread of lighting."

Fairfield has been at the forefront of pioneering products to maximise this flexibility, becoming a renowned manufacturer in LED lighting solutions in recent years. The most popular products among sign makers and end-users alike is the range of LED Light Pockets, along with panels that can be screen printed with special inks to achieve the perfect even spread of light. The products are a result of a great deal of ongoing R&D, and with a number of



The Halo screen can be hung to create eye-catching signage.



An image displayed using Fairfield Lighting LED screens.



Lanes Estate Agents created their vibrant window display with Fairfield Lighting LED products.

different sizes, shapes and styles available, they are versatile enough for use in even complex projects. It is in these instances that it pays dividends to seek products made by the experts, and to seek advice from people that are knowledgeable in the integration of LED lighting.

"Sign makers need to speak to experts in the field, because on the surface implementing LED looks simple enough to do, but it's not that straightforward. There are different thicknesses and wattages to take into consideration; if you're producing a continual run of a standard product, you may be OK, but if you've been commissioned a special one-off project, you run the risk of getting it so far wrong that it could make a huge difference."

The range of LED Light Pockets has been the fastest selling for Fairfield Displays. Available in a range of sizes from A4 up to A0, these products can be mounted on

the wall or placed on tight spots like narrow windowsills. The Compact LED Light pockets are especially popular with businesses that utilise window advertising, such as estate agents. As the borders are quite tight, sign makers can get more information onto the sign itself, and the pockets allow end-users to easily change the contents to update the sign display regularly. LED Light pockets have been developed in lots of different styles, and as there's no wiring involved, sign makers can use them in a variety of applications with ease. For example, a sign maker can install an LED sign to hang from the ceiling with no cables, making it an attractive and easy way to place signage in retail establishments, for example.



The Light Pockets give both sign-makers and end-users plenty of choice.



A close up of the LED Light Pockets.

Hanging and freestanding signs offer a wealth of opportunity

When Hertford-based Lanes Estate Agents needed to revitalise their signage, they turned to Fairfield Lighting to tackle the challenge.

After a window display that was equal parts contemporary and competitive, Lanes opted to use the LED Light Pockets with coloured borders, along with Sirius freestanding units with borders to match. The overall look and feel of the finished display is bright and eye-catching, and the free-standing elements allow Lanes staff to not only frequently change the content, but to change where it is displayed to suit their needs.

"We were searching for a display that was fresh," says James Luton, Director at Lanes Estate Agents. "I thought screens were essential for a modern look, and they give us good freedom with what we can show passers-by." Since installing the LED solutions from Fairfield, James has seen a notable difference to his business. "We have definitely seen uplift in people peering in the window - our displays have given us a great platform to now build on as a company."

But while the range of LED Light Pockets may be commonly used to create signage displays in estate agencies, they are not exclusively made for use in this market. In fact, Janice expects sign makers will have more success away from the estate agency market, taking the same technology and design and applying it in restaurants, leisure facilities, spas and other hospitality establishments.

www.estateagencydisplays.co.uk
www.fairfielddisplays.com

In a bid to meet the high consumer demand for innovative, energy-efficient products, LED Solutions has been developing new ranges of products, says Luke Dalton, Marketing Manager, LED Solutions.

"The LED market has seen rapid growth over the past three to four years, especially in the sign trade, due to the low voltage, high brightness and colour rendering of LED," says Luke.

"As a result, sign makers have a wide choice of LED options to choose from for their signs; for instance, a sign that requires a 'retro' like image can use Cabochon bulbs, slim fascia panels can use LED Light Panels, and large scale double sided light boxes can use LED Light box modules." In order to cater to the high demand from sign makers and end users, LED Solutions has worked to expand their product range year on year to include latest LED products available.

.....continued on page 58



The L050-3P Poster case module from LED Solutions.

LED LIGHTING *Feature*

How the LED market is evolving in 2014

Among the most popular products are the high brightness 'Lens' LED modules, products that can be used in cove lighting and retail applications. LED Solutions are now using 3W LED packages in these modules, and according to Luke, the results are proving to be "superb".

There are also two new ranges of LEDs available, the L050 and L165 series. These are perfect for use within large-scale signs, as they reduce the number of regular modules required while increasing the intensity of illumination. The most popular product available from LED Solutions continues to be the Flexible LED strip, a top-selling item on account of its long shelf life and cost-efficiency. "LED Cabochon bulbs are also very popular at the moment due to the requirement for a 'retro like design' within retail signs," says Luke, "and we also manufacture our own LED Light panels in-house which are suitable for illuminating slim fascia's and light boxes with an even illumination."

How to find the ideal LED products for your signage application

With so much choice now available to sign makers, finding the right product for the right job can be tricky.

According to Luke, there are a few major things to think about when choosing LEDs, with the placement of the sign being chief among them. "Accessibility is a major issue that sign makers must take into consideration," he says. "We would recommend that the power supplies be housed within an easily accessible place as the LEDs in the

sign will always out live them. This can be a major issue with signs, because if your sign is at the top of a high-rise building and a power supply fails, you want to be able to replace the power supply cheaply without the use of costly access equipment."

According to Luke, 80 per cent of the faults seen by LED Solutions are caused by electricians wiring the power supply incorrectly. "To avoid this common mistake, we would recommend you double check the

wiring to the power supply at the time of installation," advises Luke.

A warranty is another aspect to think about. Sign makers can feel confident in purchasing products with a 5-year warranty, as this is normally a good indicator that the LED modules will not only stand the test of time, but also be backed by the supplier for that period of time.

www.ledsolutions.co.uk



The Wide Mini L140 LED Module is small but powerful.

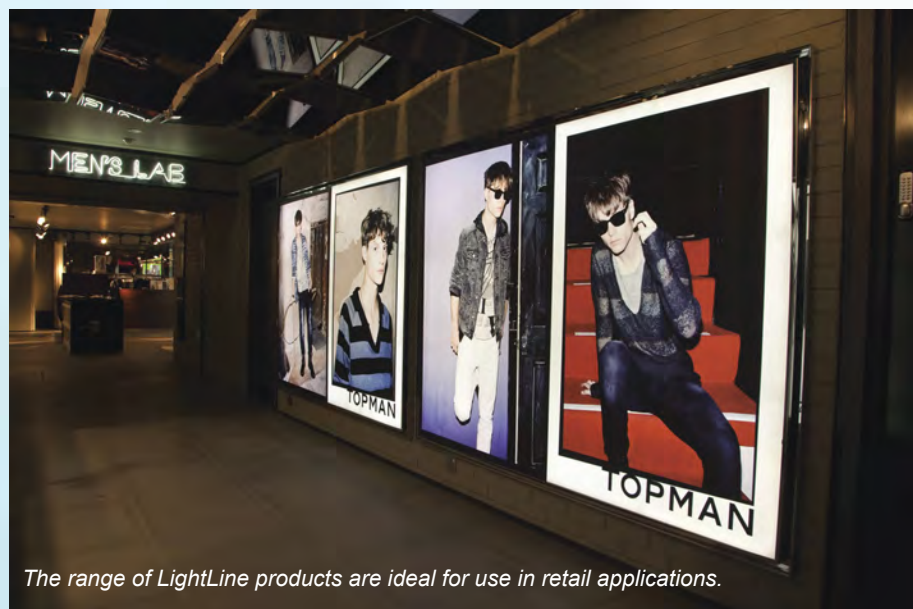
Drawing on ten years of experience in the signage industry, NES Solutions has been at the forefront of innovation, creating a number of LED products that can be used for both interior and exterior applications.

One such innovation is the LightLine range, a selection of light box products and light panels that has been specifically designed to provide bright, even LED lighting in a number of indoor signs.

There are menu light boxes designed

for use in fast food or retail establishments, along with changeable graphic light boxes and external light boxes that gives sign makers a wide range of choice. According to Michael Irwin, Managing Director at NES Solutions, these products offer as much in overall aesthetics and design as they do in energy-efficiency and high-powered illumination. "One of the major benefits of our light boxes is the design itself," he says. "There has been a tradition of clumpy, 1980's style light boxes, which still exist, but if you want to sell high-quality architectural signage, people expect products to be slim and frameless with perfect even illumination, which is what we offer."

From face panels to fabrics and back lit films, NES Solutions offers everything sign makers need to produce high-powered signage, and can even produce all the graphics in-house to save time and money. The fabric face panel is based on extrusion technology, and is one of the most popular products in the range from NES Solutions. "The build itself is quite slick and sleek, plus it's extremely efficient," says Michael. Products such as the LightLine ultra bright LED lightpanel last up to 40,000 hours, and can produce over 5,000 lumens whilst emitting virtually no heat. With more and more LED



The range of LightLine products are ideal for use in retail applications.

products arriving on the market each year, combining exceptional performance with sleek design is the key to remaining competitive. "It is important in today's market to compete on quality rather than price, and selling a higher-quality, longer-lasting LED product that allows you to do that."

How NES Solutions lit up Harrods

Working alongside Callison Architects, NES Solutions created a stunning display for retailers Harrods using the LightLine Lightpanels.

To create the finished effect, NES Solutions started with bespoke polished stainless steel framed Lightpanels, which were designed and manufactured at their Essex-based factory. The panels were developed for use in conjunction with a Duratran graphic that would be "sandwiched" in between a Perspex cover and opal rear. The images were then backlit using 5,000K LEDs, bringing the panels to life in extraordinary fashion.

In addition to creating custom LED lighting solutions for Harrods, NES Solutions has helped a number of other retail and hospitality establishments to light signs using high-power, low heat LEDs. When installing this type of signage, Michael recommends that sign makers consider a number of factors, such as the following:



An LED LightPanel installed in Harrod's.

- The thickness of the LED, as this affects if sign makers can use direct illumination or edge lit technology
- Whether the sign will feature a solid graphic or changeable media
- Whether it is for internal or external use, and in turn if IP20 or IP65 LEDs are required

"A lot of people come to us when things become more technical to get the additional support they need," says Michael. "When you go beyond basic installations

and start working with polished stainless steel, bespoke fixing systems and high performance products, that's when you need customised support, and that's particularly relevant with product-based work. If you've got a roll out for a retailer or are working with architects or interior designers, they just don't want the basic products - they want the best. That's what makes us stand out."

www.nes-solutions.co.uk

Tridonic has over fifty years of experience in the lighting industry. According to Norman Prior, Sales Manager UK and Nordic, Tridonic-Signage, the LED products available today have been developed in direct response to market demand.

"Both Tridonic-Signage and our distributors Sign Gear Systems in Redditch endeavour to work very closely with the end users and sign makers to ensure that the best solutions are found," he says. "Cost is obviously very important, but reliability and ease of installation all play a major part."

In order to create the perfect products, the team starts at the conceptual stage, using in-house resources to design layouts, and create calculations for things like surface brightness, converter options and energy usage. "We do however find that mocking up a sample with the modules in it is useful for both the end client and sign maker to get that final approval," says Norman. The result is the range of Tridonic LED products designed for flexibility, and to allow for shallower depth boxes and lettering and all-round better uniformity.

Through all the research and development, Tridonic has garnered a reputation for being specialists in LED white light colours. The new generation of TALEXX chains comes with modules in a new Day-



Tridonic White LEDs are ideal for use in retail applications, seen here in the Bensons for Beds signage.

light White + (6500K) colour, which offers a purer white light colouring that is ideal for advertising applications. "We have also been mindful that there has also been a market trend towards the warmer light colours, and once again from our new generation of modules, we can offer Neutral white (4000K) and Warm White (3000K) plus a full range of colours," adds Norman.

Giving sign makers the best of both worlds

Recently, Norman and the team at Tridonic have been finding that many of the general lighting products can be used for certain signage applications, and vice versa, thus providing them with a greater range of choice.

.....Continued on page 60

LED LIGHTING *Feature*

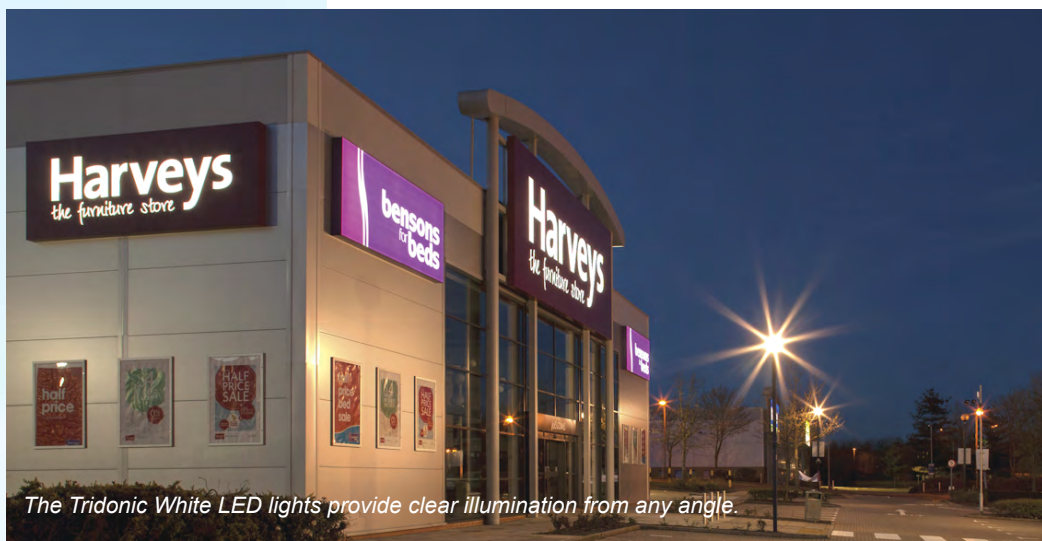
How the LED market is evolving in 2014

In terms of LED products, there are three main products in the Tridonic TALEXX chain series, Classic, Select and Premium. Sign makers can find individual components along with complete systems, and there is a wide selection of colour temperatures available. Products feature various outputs ranging from 31 lumens to 145 lumens, meaning that box depths as shallow as 30mm and as deep as 350mm can be catered for with ease. "Add to this our ever-expanding range of power supplies, and we have most options covered," says Norman.

For end-users wanting high-powered performance whilst maximising the sustainability aspect of LEDs, these films are a wise investment.

When it comes to providing these power supplies, along with the LED modules, the team at Tridonic are committed to developing high-quality products covered under a 5-year warranty to provide sign makers with peace of mind. When selecting products, Norman advises to conduct plenty of background research, as not all manufacturers place the same emphasis on quality assurance. "I would advise sign makers to firstly, check what you are buying - does it perform as per the literature/specification? Does it comply with the necessary electrical and mechanical regulations? Does it have a warranty, and can it be backed up by the manufacturer or distributor? I think if your answer to all of these questions is "yes", then you are probably buying a quality product."

www.tridonic.com



The Tridonic White LED lights provide clear illumination from any angle.

From the new 3M Envision range comes light management films, suitable for use with LED lighting and designed with energy efficiency in mind.

The Envision 3730 Translucent and Diffuser Films have seen a great deal of success on the market, and when used in conjunction with LED lighting systems, these products can enhance greatly not only the performance, but also the longevity.

This range of films features 20 different colour variations, and all the products within it have been designed to help sign makers achieve the best possible level of even illumination while using fewer LED modules. Without compromising performance, sign makers can fit stunning signs using less power, leading to a reduction in running costs and indelibly a reduction in the power used to light these signs. For end-users wanting high-powered performance whilst maximising the sus-

tainability aspect of LEDs, these films are a wise investment.

Envision Diffuser Films are available with two levels of light transmission, 50 per cent and 60 per cent. This gives sign makers the ability to control the levels of illumination effectively and with ease.

Available in both standard and customised colour options, there are also films available in an inkjet-printable format. Easy to fit, energy-efficient and smart, using Envision Diffuser Films makes sense for sign makers trying to amplify the energy saving, "green" aspirations of LED technology. The final result is an ultimately brighter sign with even illumination, and no hot spots.

The Envision 3730 Translucent and Diffuser Films are reputedly the first graphic films specifically engineered to optimise LED lighting technology, and are distributed by William Smith.

www.3M.co.uk/graphicsolutions



The TALEXX Chain Classic up close.



A look at the TALEXX Chain Crystal Premium.

Antalis launches educational podcasts for digital and sign and display markets

Antalis UK has launched a series of informative podcasts covering a range of topics to help print service providers select a substrate that best fits their needs.

As part of its Digital2Business (D2B) initiative, Antalis will present several podcasts that cover a range of topical industry issues, further demonstrating Antalis' 'commitment to innovation and product development in the substrate market'. These online discussions will include topics such as new innovations in digital papers; markets; colour management; and new developments in small format digital. Customers can also suggest topics that they would like to be covered by 'Asking the Experts' via the D2B online community.

Recorded at the Antalis Digital Academy, the first in the podcast series finds experts Giles Bristow, Digital Support Manager and Chris Green, Sign & Display specialist at Antalis UK discussing the importance of environmental responsibility within substrate selection. This is a particularly topical issue given the increase in landfill tax for non-recyclable materials.

During the podcast, the two Antalis experts outline the issues affecting retailers today in terms of their corporate social responsibility, highlighting the potential cost benefits of choosing a biodegradable



product in terms of a reduction in landfill costs. And the potential of selling recyclable products, as well as outlining some of the new substrates that offer solutions to meet both their POS and CSR requirements.

Giles Bristow, Digital Support Manager at Antalis said: "We are dedicated to finding

new ways to educate and inform our customer base about the diverse range of substrates that are available, and to commit to industry improvements and new substrate innovations."

www.digital2business.co.uk

UK distributor for engraving and routing system

Vision Engraving & Routing Systems has announced that CSI Manufacturing is their exclusive distributor in Ireland and the United Kingdom. Founded 1995 in Dublin, Ireland, CSI stands for Component Source International Manufacturing, and has been providing industrial labels for the Ireland market since 1997. CSI has been an engraving equipment distributor in Ireland since 2003 and an engraving materials distributor for UK/Ireland since 2005. CSI later expanded their distribution of engraving equipment to the UK in 2010. With main offices in Dublin (HQ) and Bristol (UK), CSI Manufacturing and Vision Engraving & Routing Systems are the ideal partnership

to offer 'quality engraving equipment and service to the region'.

For more than 31 years, Vision Engraving & Routing Systems has been manufacturing computerised marking systems and accessories. The success of the Vision line is a direct result of their reputation for 'long-lasting, high-quality machines'. Vision Systems are manufactured in Phoenix, Arizona, by an experienced team that is 'dedicated to excellence'.

"With the addition of CSI Manufacturing as our exclusive distribution partner in Ireland and the UK, Vision is thrilled about what this partnership means for our customers", said J.B. Benson, Sales Manager

for Vision, "Working with a company that truly believes in providing quality equipment, after sales support, and top notch service is exactly what we want to offer our customers worldwide."

"CSI is delighted to add Vision Engraving to our expanding portfolio of products in the United Kingdom and Ireland states," said Matt Kirwan, Managing Director at CSI Manufacturing. "We are proud to be associated with another quality global brand in Vision and look forward to servicing and developing the business with our new partners in the future."

www.visionengravers.com

PROFILE *Section*

Centre Signs

Since 1986 the name of Centre Signs has always been synonymous with builtup stainless steel letters of the highest quality, according to them.

This reputation has not been easily won but gained by hard work and diligence, says Managing Director Trevor Cockbill. "By listening to your customers and by taking on board their comments and suggestions you have the sound foundations for any successful company."

Quality is never an issue with centre signs as they will 'never send out sub standard goods' that their customer will reject, that's a 'sure fire way to lose customers'. The inspection / despatch department is staffed by two long serving members of Centre Signs, who between them have spent 35 years with the company.

Letter making is a skill not to be underestimated, says Trevor. Centre Signs has four dedicated letter makers, all skilled in their trade, and all highly qualified. Whether the job requires polished, brushed, gold titanium stainless steel; de-scaled stainless steel; or aluminium letters with a stove enamelled, the company assures 'quality that is second to none'.

Combined with the built up side of the business, the Tekcel E3 series router with a bed size of 3100 x 2070mm with automatic tool change facilities was a serious investment for the company. It has proved to be a sound investment as the router can cut perspex, foamex and aluminium quicker than before. And with the nesting option in the software it's able to reduce lead times further whilst containing manufacturing costs, which is reflected in the very 'competitive prices that centre signs is able to offer their customers'.

Supplying sign makers is not an easy task with their demands of earlier delivery dates but since 1993 they have been continually updating the quoting and job card



software so they can keep 'ahead of the game'. This was written in house by themselves to their own specifications to make it easier to predict lead times and delivery dates. Centre Signs also prides itself by being totally honest with their clients, Trevor says: "We will never agree to a delivery date that we cannot meet. To do that would be foolhardy to put our clients trust and our reputation in jeopardy."

Trevor Cockbill, Paul Smith and Terry Morgan are always the first point of contact for all sales enquiries and job progress. Their combined experience and knowledge regarding letters and all things metal should be 'the envy of sme's within the sign trade'.

Visiting this years sign show proves that although the trade is continuing to technically advance with digital printing, new variances of LEDs and introducing new perspex ranges there will always be a demand for stainless steel lettering. Traditional manufacturing methods by skilled trades-

men is still wanted the world over that is one thing that will never change, they say.

"The future for centre signs looks set for another 28 years, supplying the sign trade with what they want; letters of the highest quality made by Great British craftsmen. We can proudly say 'made in Britain' and fly the flag with pride," says Trevor.

"Visiting this years sign show proves that although the trade is continuing to technically advance with digital printing, new variances of leds and introducing new perspex ranges there will always be a demand for stainless steel lettering. Traditional manufacturing methods by skilled tradesmen is still wanted the world over that is one thing that will never change.

The future for Centre Signs looks set for another 28 years, supplying the sign trade with what they want. Letters of the highest quality made by great british craftsmen. We can proudly say "made in Britain" and fly the flag with pride." he said.



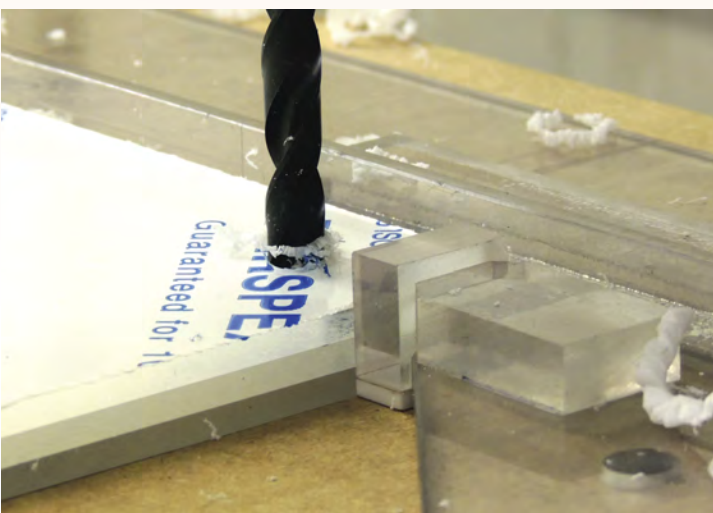
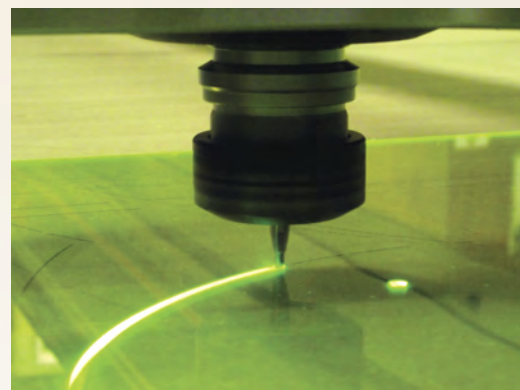
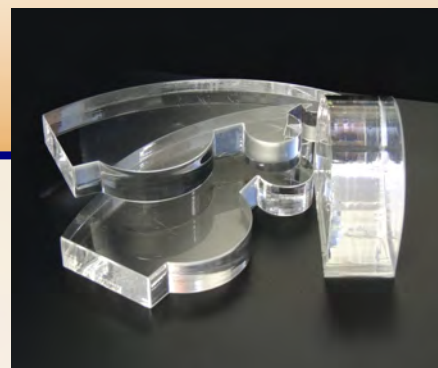
Your portal to plastics

Sign Update spoke to Nick Warne from NE Plastics about the fact that their customers aren't often aware of the diverse range of products and services they offer. The company of 24 staff based in Sidcup, Kent, feel they have a story to tell about how they can offer a great service and products through every stage of a project not just supply.

Many of their current customers buy their sheet plastics and composites from them; or accessories such as LEDs and stand-offs. But Nick was keen to point out their fabrication department can offer all the extra elements you require from radius corners, drilling and line bending to display cases, gluing and UV bonding. This helps not only with smaller items but complex retail projects too.

Another service they offer is laser cutting and engraving on virtually anything from paper to 25mm thick perspex, to make innovative, bespoke products for special occasions such as weddings. They claim 'your imagination is the only limitation'. Their 'state of the art' CNC and Laser machinery can offer a full cut to shape service along with 'v' grooves and CAD when required.

If people are most aware of their huge stocks, it's worth knowing they include products from companies such as Perspex, 3A Composites, Brett Martin and Arla. They supply sign makers, digital and screen printers, thermo formers and builders amongst others. And some of the less known products they can provide include digital roll media, sign trays and frames and adhesives and cleaners.



Nick said: "At NE Plastics we are totally committed to making sure that our customers keep coming back to use us time and time again. Our customer focus is integral to our growth and continued expansion plan. We have a reputation for being user friendly and we will never lose sight of this ethos. But we do feel that we have much more to offer than perhaps our customers are currently aware of.

We know our customers rely on our fast turnaround, whether we are supplying sheets of any of our products or fabrication contracts, which is ever growing and we will continue to deliver this service and go beyond.

We have recently become a stockist of the Metamark brand of digital media and we will work closely with them to make sure we can offer the very best products at a competitive rate. By offering digital roll media we believe that we can provide our customers a one stop scenario. This has a huge advantage knowing that both products will come from one supplier which can only enhance efficiency all round.

With everything considered, our products, our service, our customer support are becoming the norm and we truly feel that we are the future for plastics."

www.neplastics.co.uk



Arlon's Ultimate PremiumPlus™ Awarded "Best New Product"

Arlon Graphics is pleased to announce that Arlon's Ultimate PremiumPlus™ was awarded "Best New Product" at the SEG D 2014 NEXPO Conference in Atlanta, Georgia. For two consecutive years, the SEG D conference has offered exhibiting companies the opportunity to showcase products and services to an audience of international design professionals at the NEXPO event. This year, Arlon featured an array of products for both interior and exterior applications such as restyling, textured, translucent and etched glass films as well as FlexFace. While each showcased product offers something unique to the design world, the Ultimate PremiumPlus 'turned heads by offering an alternative to high cost architectural finishes'.

With many exciting products being displayed at the conference, "Best New Product" is considered to be the most prestigious acknowledgment to be awarded at the show. Ultimate PremiumPlus is an adhesive backed film designed to decorate retail and corporate environments with perfect consistency across multiple locations. This line of films boasts an unprecedented color selection including new colors and finishes that are 'unattainable' with paint. Ultimate Pre-



miumPlus also offers unique texture alternatives as well. These finishes 'allow for high-end appearances to be made possible and cost effective'. It is digitally printable and applicable to curves, formed surfaces, and other various substrates.

"Ultimate PremiumPlus is the product

of the future. Never before has this industry seen such a miraculous alternative to paints and textures in such a cost effective manner," says Kevin Rourke, Business Development Manager, Arlon Graphics, LLC.

www.arlon.com.

All change on 3M Train with Envision Print Wrap Film

An early application for the new 3M Envision Print Wrap Film 480Cv3 involved graphics applied by train livery specialist Stewart Signs to the 3M Train located in the grounds of the 3M Head Office in Bracknell. The train

is used to showcase the company's range of interior and exterior sign and graphics materials designed for the rail industry.

A 3M Scotchprint Authorised Graphic Manufacturer, Stewart Signs created and

applied a printed train wrap using the Envision film in addition to 3M's Controltac Graphic Film with Comply Adhesive IJ180Cv3. The Stewart Signs' team had to remove the old wrap and prepare the surface of the carriage before applying the new wrap. The refurbished train carriage with its vibrant new graphics has pride of place in the grounds of the 3M main facility. It enables visitors to evaluate the train graphic solutions available for the much anticipated opening of the new 3M Customer Innovation Centre in Bracknell in September.

The original promotional train carriage was due for an overhaul and use of 3M Envision Print Wrap Film 480Cv3 was the ideal new product to use for the refurbishment. The PVC- and phthalate-free graphic film claims 'best-in-class performance' with a significant sustainability edge for users of the new product.

www.3M.co.uk/graphicsolutions





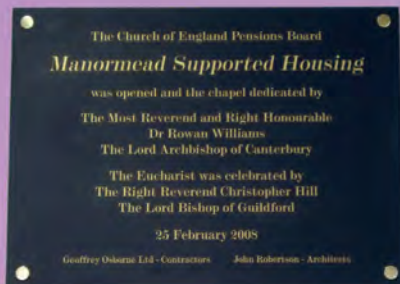
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Your artwork gets straight to work
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We are able to accept artwork in .EPS, .AI,
Corel Draw and Signlab formats



etchFAST has 50 years' experience in Chemical Etching and Engraving

Car wrapping industry 'shifts gear to the next level'

International Expo Consults (IEC) say that the car wrapping industry in UAE is set to 'scale new heights' owing to the accelerated growth witnessed by the UAE's automobile sector. SGI Dubai 2015 will have a special arena for exhibitors to showcase their car wrapping skills live during the event. For the past 17 years SGI Dubai has provided a platform for the exhibitors and the trade visitors within this industry. The show sees sign makers, architects, media agencies, print and production manufacturers, real estate developers, brand and image consultants converge under one roof.

"Car enthusiasts are definitely upbeat as the mood is all set to witness state-of-the-art car wrapping demonstrations at SGI Dubai. Originally created as a medium for mobile advertising, car wrapping has turned

into a fashion statement and quickly gaining popularity. The car wrapping industry has witnessed rapid growth in the Middle East in recent years and this market is very much in the growth phase and has a tremendous potential. This platform definitely enables a vast market outreach apart from being an effective means of advertisement. The scope of the industry combined with the aesthetic appeal has been the main contributor for the latest upsurge in the demand for car wraps," said Mr. Abdul Rahman Falaknaz, Chairman of IEC.

SGI Dubai 2015 has over 400 global exhibitors from across 30 countries and expects over 12,000 trade visitors from 75 countries to visit UAE during the show. The show takes place from 11 to 13 January 2015 at the Dubai World Trade Center. This Trade

Show/ Exhibition will also include seminars and workshops conducted by industry experts.

"Making the right impression involves very effective advertising and car wraps are definitely the ultimate method to spread your idea or business message. Car wraps for sales and delivery vehicles are a potent marketing and branding tool. The advantages of car wrapping are multi-fold which includes reaching a wider audience, non-aggressive advertisement, mobile advertisement, cost effectiveness, local advertisement besides protection of your vehicle," said Mr. Sharif Rahman, CEO, IEC.

CMYK Print Solutions, Arlon, Sign-trade International, 3M, Strings International, Avery Dennison and System Middle East, Hexis are some of the exhibitors who displayed their car wrapping product portfolios at this year's show.

An extensive market research on car wrapping market conducted to date was provided by global analysis and consulting firm Frost & Sullivan. The study came up with the findings that the industry generated US\$220 to US\$250 million at the retail level. The vehicle wrap market growth was estimated to grow by 10 percent year-on-year by the same study research.

"The car wrapping industry is a fast blooming multimillion industry which has taken a surge in the US and other developed countries. This phenomenon is picking up speed and has become sort of a rage in the Middle East as well. High end consumers who own the latest and sleek cars are also on the lookout for the latest car wrap offerings to stand out amongst the crowd," says Mr. Rahman.

www.signmiddleeast.com



Ritrama UK moves into Tameside

Ritrama, an Italian business with a 'global reach', has announced plans to move into Tameside.

The family firm, which has its headquarters in Milan, makes self-adhesive materials. It is leaving its base in Eccles to take over a 115,000 sq ft modern building at Tameside Park on Fifth Avenue, Dukinfield. It will be fitted with state-of-the-art equipment able to satisfy the most demanding technical requirements.

Ritrama, who will be bringing 70 jobs with them, have expansion plans to create training and employment opportunities for Tameside residents.

Cllr John Taylor, deputy leader of Tameside Council, said: "Ritrama is the latest high-profile company to establish a presence in Tameside which is rapidly making a name for itself as a business-friendly location.

"The council has helped Ritrama throughout the process, identifying suitable premises and supporting them with their relocation plans. We look forward to the creation of lots of jobs over the coming years."

Mark Evans, managing director of Ritrama (UK), said: "We are delighted to be moving to Dukinfield. We hope to bring new jobs, establish apprenticeships, and grow the company for both the benefit of Ritrama and the borough of Tameside."

www.ritrama.com



Lighting up the Palace

Zeta Specialist Lighting, who make LED and solar powered lighting solutions, was one of just eight British technology companies invited to present their new product innovations to Her Majesty The Queen, at a reception held at Buckingham Palace in June.

The event was organised by Prince Andrew in conjunction with the Technology Strategy Board and was attended by 350 fast moving technology companies, of whom only eight were selected to set-up a display stand and exhibit their products to the Queen and Prince Philip.

Phil Shadbolt, Zeta's Managing Director demonstrated the firm's Life Bulb, a replacement for the traditional 60W incandescent light bulb. This energy-efficient innovation has a unique design that keeps the LEDs cool, which results in a longer life. Zeta's Life Bulb lasts for 50,000 hours which translates to around 20 years in a domestic environment.

During the audience, Her Majesty explained that she would like the Palace to be better lit and asked if the Life Bulb would work in its ornate chandeliers. She also later requested two samples of the bulbs to try in her private quarters.

In 2010 Zeta won funding from the Technology Strategy Board and Defra, through the Small Business Research Initiative. This supported the design and development of the ground-breaking Life Bulb which will be manufactured in the firm's Bicester production facility.



The company is celebrating its 25th year in business this year and has invested £3.5 million in its people and infrastructure. Upgrading its UK Head Office included building a new LED manufacturing facility - the only one of its kind outside of Asia. It will enable the firm to reshore much of the production currently carried out in the Far East back to the UK, while simultaneously creating new jobs.

www.zetaled.co.uk

ICON is awarded four year contract to work on the Queen Elizabeth Olympic Park

ICON has been appointed by The London Legacy Development Corporation (LLDC) as the single supplier for the delivery of graphic production and brand implementation, following an OJEU tender. The contract will run for four years.

The LLDC were looking for a one-stop shop to deliver a wide variety of projects and services aimed at enhancing visitor experience within Queen Elizabeth Olympic Park. These include permanent two and three dimensional installations, and deliver 'innovative and exciting branding' for special and one-off events.

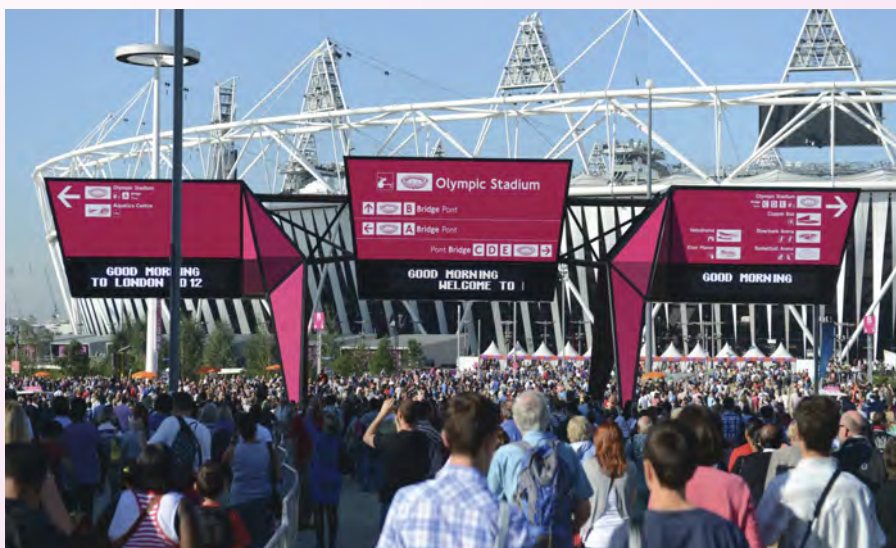
ICON has a thorough and extensive knowledge of this venue having delivered the Look and Wayfinding packages for London 2012. And subsequent events such as last year's soft opening, the Sainsbury's Anniversary Games, and the Sport Relief Mile. ICON MD, Graham Clark says: "We are delighted to win this appointment. ICON has a close affinity with the Queen Elizabeth Olympic Park with many great memories of delivering branding for truly iconic events. This fantastic venue has truly delivered legacy, successfully transitioning from Olympic Park into a stunning multi-purpose

venue to be enjoyed by all Londoners and tourist alike, and we are delighted to continue to be a part of it."

ICON will be delivering a broad range of specialist services including developing brand identity, conceptual design of struc-

tures and products for interior and exterior branding, production of printed items and structures, and a full logistics and installation service.

www.icon-world.com



More exhibitors and new areas added to Euro Trophex 2014!

Euro Trophex will open its doors on 25 October. This prestigious exhibition takes place every other year and is Europe's largest trophy, awards and personalisation event. Euro Trophex runs over three days and with everything under one roof it's the 'perfect opportunity' to see new technology months ahead of hitting the market; find the newest trends for the coming season; and compare the latest machines and innovations in the industry. Euro Trophex attracts international decision makers and buyers making this event the 'ideal' place to source the latest products and services and get the inspiration you need to make your business stand out from the crowd.

Euro Trophex takes place from 25 to 27 October 2014 at the PTA in Amsterdam, the Netherlands. A new area at the show this year will be the Industry Awareness Zone. This area was first introduced at Trophex in January this year. Here a number of seminars took place over the course of this exhibition and proved popular with visitors. A similar programme will be put in place at Euro Trophex 2014 with CorelDRAW, TheMagicTouch and SignSeen already signed up to take part in this with more companies to be confirmed.

A new exhibitor to the show for 2014 is Yiwu Phoenix Trophy Co., Limited. Based in Yiwu in China, the company is a professional manufacturer and exporter of trophies, medals, arts and crafts. Known for its small commodities, the company can provide customers with high quality products at 'very competitive prices'. Committed to meeting customers' needs, they have a range of products featuring excellent craftsmanship, reasonable prices and prompt delivery.

Returning to the show is Acris Sportpokal GmbH. The company last exhibited in 2010 and are specialists in producing and



refining glass trophies. They offer high quality custom products and a comprehensive assortment of trophies and awards in glass including golf trophies, clocks, medals and awards and prestige gifts.

Versatility in Print are newcomers to Euro Trophex, although they have in the past exhibited at Trophex, our UK show. They have 20 years of experience, specialising in digital printing, graphic design and hot foil printing. A family run company, they target both small and medium size companies.

Pre-register online at: www.eurotrophex.com

Epson 'inspires new generation of artists'

Royal Academy Schools Graduation Show displays works created using latest Epson technologies

Epson has helped many of the students exhibiting in The Royal Academy Schools 2014 Graduation Show realise their final pieces. Housed within the Schools' historic studio spaces, several of the contemporary works on display have been inspired and created using Epson's large format printers and projectors, accessible to the students in the on-site Epson Digital Suite. The space provides students with the opportunity to experiment with the very latest Epson digital imaging technology.



Britain's first art school, the RA Schools is the only free art school to offer a three-year postgraduate fine art course. Not only does it charge no fees to its students but it receives no government funding, relying on the generous support of patrons and sponsors such as Epson. The exhibition is held in the RA Schools' studios, situated at the heart of the Royal Academy, and provides visitors with a rare opportunity to view exceptional pieces from a new generation of artists. The finished artwork spans a range of media from painting to photography, sculpture, digital print and film.

All the students have worked with Epson technology at some time during their three years course and it features strongly in several students' work at the show this year:

Mark Hamson, Head of Materials Process, Royal Academy, said: "The standard of work produced by the students for their final show is exceptional and demonstrates the wonderful creative outcomes of the collaboration between the RA Schools and Epson. The purpose-built Epson Digital Suite gives students the opportunity to experiment with. And draw inspiration from the latest digital imaging technologies, often in unexpected and alternative ways, and supports their works across a vast range of media."

Nick White, business manager, ProGraphics at Epson UK, said: "Epson is very proud to support the new generation of artists emerging from the Royal Academy Schools. Through our partnership we are able to offer the students the opportunity to work with Epson's equipment and media and experiment with their creative ideas."

www.royalacademy.org.uk

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Pyramid launch the 'definitive product guide'

It's hot off the press and available now! Pyramid Display Materials have created a 254 page product and pricing guide, which covers every sheet and roll product type used in the sign and display industry from rigid and flexible sheet, digital roll, MACTac self adhesives, through to print shop essentials.

Containing over 500 application shots, 50 major industry leading brands and approaching 100 product ranges, Pyramid claim this product guide is the most comprehensive ever produced for the sign and display industry. The weighty volume also includes a guide to flatbed digital printing together with a unique pictorial application selector; an A-Z index containing both product types and brands; and an "At a Glance" double sided tape selector. Each product in the guide is also represented by graphical icons defining recyclability, recommended print and fabrication processes together with application recommendations.

Neil McCarthy, Pyramid's Head of Sales and Marketing said: "The guide has been 12 months in the making purely because we wanted to produce something unique that was really going to be useful to the market and our customers. We analysed our competitor's offerings and it was obvious that we could improve on these but that it would take a lot of hard work. This encompassed many facets from application shots, colour swatches, technical recom-

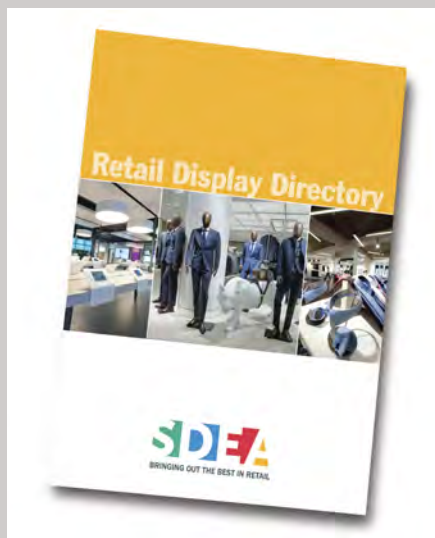


mendations and product links across the whole guide. The most work though was in the designing of the MACTac cad vinyl section of the guide as it shows every colour available in the complete MACTac range now stocked by Pyramid. We realised that just to list code numbers and colours in type doesn't do justice to the full colour range

available from MACTac. We are more than pleased with the final result and I'm sure both our existing and potential customers will be."

A printed copy of the new product guide can be ordered by e-mailing myproductguide@pyramid-display.co.uk or by contacting your local Pyramid sales office.

New look retail display directory



The new look Shop and Display Equipment Association (SDEA) Retail Display Directory, the buyers' guide for creating retail interiors, is out now. Brimming with new ideas, creative concepts and innovative retail display solutions, it showcases over 100 leading designers, manufacturers and suppliers of specialist retail display products and services. All are members of the SDEA.

This latest directory aims to inform and inspire retail buyers, brands and marketing professionals and will ensure SDEA upholds its reputation as the 'essential link in the purchasing process', strengthening its links between buyers and suppliers.

The directory inspires by guiding readers through a collection of the latest and greatest retail store launches of the year. From Bluewater to Beijing the editorial and

photographs will 'inspire you to create stunning retail interiors'.

Thousands of products and services designed specifically for retail can be sourced within this comprehensive guide. From the smallest hook to an entire store fitout, it will help you locate your shopfittings, display, POS, PoP, lighting, signage and visual merchandising. Organised into convenient sections, you are led quickly and easily to specialist suppliers by company, product, trade name, location, service or retail trade.

For a limited period, a free copy of the SDEA Directory is available to retail display buyers and specifiers by calling SDEA on 01883 348911 or emailing directory@sdea.co.uk and quoting this article.

www.shopdisplay.org

Irish supplier seeks new UK talent

Having racked up the miles to bring its Creative Cruiser from its Dublin headquarters to the UK and Ireland's most popular sign and graphics show, Sign+Digital is announcing its intentions to expand on the British mainland. Account managers will be talented, passionate individuals with a commitment to 'making it easy' for the company's sign and display producing customers.

This belief has been central to Leo Maher's business since 2003, when he launched Sign+Digital with a single Creative Cruiser providing sign supplies to the trade. Now, the Dublin-based firm offers Roland

wide-format printers and related equipment, media from 3M, Sihl, Metamark and Orafol, Rollover flat-bed applicators and a vast array of tools, fixtures and display systems for a number of applications.

Sign+Digital is looking to grow its UK division on a similar model following its success in the Republic of Ireland. Account managers will work within their region from one of the vibrantly-wrapped vans, each of which is fully stocked with popular supplies. They'll be supported by Maher and his 22-strong team, as well as the Creative Centre, which is full to the brim of colourful, stand-out signage and digital print

applications. Customers can also visit headquarters to help hone their skills in a number of high-margin areas, including vehicle wrapping.

Applicants are encouraged to visit Sign+Digital's recently relaunched website – which will also support their future UK customer base – for more details about the opportunity and the application process. Full details are available under 'UK Business Development Representative' at <http://www.signanddigital.co.uk/careers>.

While there is no closing date, Maher and his team are keen to make appointments rapidly.

Sign & Digital UK 'not just a product showcase' for Roland DG

Charities benefit from free banners produced on Roland DG stand

Roland DG (UK) used Sign & Digital UK this year using its machines on the stand to produce banners for two UK charities: Ronald McDonald House Charities and Children's Hospice South West, over the three days of the show.

"Charities use banners to help raise awareness of what they do when they attend events and run open days," says Mark Elvidge, Print Product manager at Roland DG. "As such, we were delighted to be able help these two charities raise their profile by using our machines at the show to output a

range of stunning, high quality, marketing collateral for these two wonderful charities."

Mark and the Roland DG team chose to support Ronald McDonald House Charities following his own positive experience at the Ronald McDonald House Charities' house in Manchester, when his daughter, Grace, was battling Leukaemia.

Lauren Gotlieb, Marketing and Communications Manager for Ronald McDonald House Charities said: "Support can come in many forms and this generous donation of banners from Roland DG will help us raise

awareness of the charity. A key priority for us this year. In order to provide free 'home away from home' accommodation for families with children in hospital. We need more people to know about us, so that they might choose to support us in the future. We'd like to thank Mark and everyone at Roland DG for all their support."

Children's Hospice South West is a charity that has been supported by Roland DG (UK) employees at their offices for a number of years. Proceeds from the company's employee tuck shop are donated to the charity each year, with the employee donation doubled by the company each time.

Says Bryony McDonald Marketing and Communications Officer at Children's Hospice South West: "Children's Hospice South West was delighted to be offered free banner printing courtesy of Roland DG. The banners provided will help our brand awareness at our events throughout the year, events which are vital to our fundraising needs."

Jerry Davies, Managing Director, Roland DG UK said: "Both of these charities work exceptionally hard to give children and their families the best support they can through very difficult times and we're very pleased to be able to make a small contribution to helping them both raise their profile further. So much print is disposed of at the end of an exhibition so it's great to know that what we produced on the stand will be making a genuine and positive contribution to these charities in the months to come."

www.rolanddg.co.uk



Signbox reinforces focus on the architectural and design community with new website launch

Architectural signs specialist Signbox has a new look website, which has been launched to ensure an ongoing reflection of its 'in-depth knowledge of the architectural, interior and design sectors'. Visitors to the website will find clear navigation to their relevant sector, with case studies that are 'testament to the high level of innovative signage solutions that Signbox delivers'.

"Recognising the important role the Internet plays in helping businesses connect and communicate with customers, we have ensured that Signbox's website is an easy to navigate portal that is both informative and inspiring," says Mark Bartlett, Managing Director of Signbox. "We've found that the architectural and design communities see our website as valuable source of inspiration, often using our case studies for their storyboards. So, we consulted our customers to design a website that contains only the most relevant information that they need."

He said: "We feel the website mirrors our forward-thinking approach to signage



solutions, and we will continue to assess and develop the site to meet our customers' requirements."

www.signbox.co.uk

ITC publishes new Folio catalogue



Industrial Tooling Corporation (ITC) has launched Issue 3 of its Folio Catalogue for the signmaking industry. Regarded as the 'benchmark and an innovator' in the manufacture and supply of cutting tools to the sign industry, the latest issue of the catalogue provides the industry with many new products.

Not just a product catalogue, the new edition includes technical hints and tips for end users; an image library to highlight the surface finishes achieved by tools from the ITC stable; and a useful conversion chart. The latest edition provides operation and safety guidelines with each tool in the 48 page catalogue including a full description, guidelines for use and a table for available dimensions. As always, special tools can be manufactured at ITC's Tamworth manufacturing facility to suit the exact demands of the end user.

The new products in the Folio 3 catalogue are in response to customer feedback, industry research and development

and the introduction of ITC's extensive aerospace expertise. Some of the new products include the new Clearcut line of single flute routers with polished flutes for exceptional surface finishes on Perspex. Also new, is the 2041 series for the high performance machining and pocketing of non-ferrous materials. Utilising ITC's expertise with machining materials like aluminium that are commonly used in the aerospace sector, the range has been extended specifically for the sign market.

As well as the introduction of new lines, the new Folio catalogue also incorporates product extensions to the 180-LG line of long series cutters to include extra long reach tool shanks and imperial dimension cutters that are now available as standard. The 2091 Series of Upcut/Downcut routers has also been extended to include imperial sizes to suit the dimension demands of the marketplace.

www.itc-ltd.co.uk

APPOINTMENTS

CMYUK appoints Michael Crook as Commercial Director

CMYUK has appointed Michael Crook as Commercial Director, Consumables Division. In this new role he will concentrate on the company's growing portfolio of materials across all sectors of digital production; promote customer relations; and generate wider understanding of the importance of using the right media and consumables.

Crook joins CMYUK from Antalis where he was product manager of its sign and display division.

As well as its distribution of EFI VUTEk and Mimaki printers, CMYUK is a specialist distributor for A Berger soft sign and textile fabrics for digital printing, SpiritTEX display profiles for textiles, and Zünd flat-bed cutting tables.



Michael Crook.



Stuart Cole.



Colin Lewis.

New Operations Manager and Sales Manager at Hybrid

Exclusive UK and Irish Mimaki distributor, Hybrid Services Ltd has added a new position within its management team, appointing Colin Lewis as operations manager. Lewis brings over 40 years' experience in the customer service and technical sectors to the company.

Lewis takes responsibility for the service and technical departments within the company, heading up a team of internal and nationally based engineers that support Mimaki installations across the UK and Ireland.

Hybrid distributes and supports Mimaki's complete range of wide format printers, cutting plotters, software and consumables.

Stuart Cole has been appointed to the newly created position of National Sales Manager – Industrial Products. As Mimaki's already highly successful portfolio of flatbed and roll-to-roll LED UV printers expands apace, Cole's primary responsibility is to develop this market further.

Cole has over 25 years' experience in the wide format and sign and graphics industry and says, "I'm looking forward to the opportunity of working with Hybrid's reseller channel and assisting them as we continue to build on an already strong range of UV products with the exciting new launches we've seen in recent months."

As part of Hybrid's sales management restructure, John de la Roche will become National Sales Manager – Sign and Graphics, with similar responsibilities for Mimaki's solvent printers, cutting plotters and the new generation of SUV and latex printers. Cole and de la Roche will work alongside each other to develop and strengthen Hybrid's overall sales efforts and reseller channel.

Positive developments at Mood Signs

Business has been going from 'strength to strength' so they have appointed Craig Davenport to the company as their new Sales Manager.

Craig comes from Signscope and will oversee and take responsibility for business development and key account management. Craig comes with a many years' experience in the sign industry having worked for a decade with companies

such as Sign2000, Graffiti Design and Signscope.

"This position will allow me to use my experience, contacts and knowledge to grow the business. They have achieved so much in such a very short period of time. I look forward to building upon the success of the past 12 month in growing our profile, reputation and taking the business to the next level," says Craig.



Craig Davenport.

New owner for Peterborough sign franchise



Signs Express (Peterborough) was recently handed over to new owner Michael Tame, following 13 successful years under franchisee Anne Hitch.

The purpose built centre has a dedicated vehicle bay and 'state of the art' sign making equipment. Michael Tame, an experienced director in the manufacturing and service sectors, was looking to change career direction and enquired about the Signs Express (Peterborough) franchise. After

many discussions and visits, it was clear that Michael was the 'right man for the job and so the deal was sealed'.

Commenting on his acquisition, Michael said: "I was looking to move to a new sector and run my own business. Signs Express (Peterborough) was clearly a fantastic opportunity and I liked the idea of being part of a franchise. I could see straight away that the Signs Express business model works well."



Sign Fabricator / Installers

GK Signs & Screenprint Ltd, Exeter

Are you skilled in all areas of sign making, installation and vinyl application? Due to winning a large national contract we are currently recruiting for two Sign Fabricator / Installers (experienced).

Contract type: Permanent & Sub-contractors (nationwide)

Salary: Salary is dependent on experience

About the role:

This is a wide ranging role, and you will assist in the printing, production, fabrication and installation of the full range of signage solutions which GK Signs offers. This includes, but is not limited to, vehicle livery and wraps, estate agency boards, monolith and stack signs.

The production process includes the use of wide format printers, plotters and cutters, specialised laminators and rollers which you will be required to operate. You will also use manual and powered hand tools in the fabrication and installation of sign systems. Full training for the use of the machinery and tools shall be provided. We may also be looking for Sign Fabricator / Installers Assistant's, please contact us for more information.

Sign Fabricator / Installer requirements:

- A minimum of 6 GCSEs at a C grade or higher (including English and mathematics, and ideally art and/or graphics).
- An extensive knowledge of all aspects of vinyl and signage fabrication and installation, including vehicle wraps. The individual will be expected to be self motivated and take on (where presented) any training (either on job or related courses) to enhance their company / material / process learning and further development.
- An NVQ qualification in signmaking is also preferable although not essential.
- 2 years experience in the printing industry or similar fields is preferred.
- Great attention to detail and accuracy.
- Physical fitness as manual handling is an integral part of the role.
- A team player with good time management and the ability to remain calm under pressure.
- We would need the candidate have excellent interpersonal skills, coupled with very good interpretational skills and a willingness to undertake ongoing training and development.
- A full, clean UK driving licence.

Sign Fabricator / Installer Assistant requirements:

- A minimum of 6 GCSEs at a C grade or higher (including English and mathematics).
- A basic knowledge of the signage industry would be beneficial, and the desire to learn new skills is essential.
- The ability to work well as part of a team.
- Great time management skills, and the ability to remain calm under pressure.
- A full, clean UK driving licence.

Established in 1992, GK Signs and Screenprint Ltd now provides signage services to multi-national companies all over the country. With a team of great people this is the perfect opportunity.

Please download the application form from www.gksigns.co.uk/careers, and email the completed form to joe@gksigns.co.uk



Achieving excellence through brand implementation

2 Sales Managers (Milton Keynes Office & Gateshead)

Candidates will be commercially aware, be able to achieve targets, have expertise in establishing relationships with blue chip clients and have excellent communication skills.

Senior Contracts Manager

An exciting opportunity has now arisen to appoint an experienced, innovative and strategic minded person to lead the Account and Contract Management functions and deliver a first class level of service to all clients.

Contracts Manager

Based at our Head Office, but travelling throughout the UK as required by projects and clients, you will manage projects and contracts for both our new and existing blue chip clients.

Facilities Management Business Development Manager

We are looking to recruit an ambitious and enthusiastic individual to develop our After Sales Service of our Maintenance solutions.

Commercial Assistant / Estimator

The position would ideally suit a recently graduated Quantity Surveyor, with an understanding of contract based purchase orders and a commercial knowledge of a costing process.

Production Planner

Assisting our Production Manager in the organisation of the manufacturing process, scheduling of works, liaising with internal departments to ensure delivery dates are achieved and cost analysis.

www.astley-uk.com/people.html

CLASSIFIED

Projects Manager / Assistant Project Manager / Sign Installer

Due to imminent business expansion, an established sign manufacturing company based in Leeds is seeking to recruit several roles.

Should you have the right experience and the desire to succeed, the rewards of travel and generous salary packages will be available to the right candidates.

Please apply to job-leeds@signupdate.co.uk

Sign Fitter

We are looking for a customer facing sign/graphics fitter based out of Chesterfield, Derbyshire.

For more information:
www.signupdate.co.uk/sfch

SIGN / VINYL APPLICATOR

Experienced Vinyl Applicator required to join our busy team. Company Van and lots of overtime. 02380 253290 Southampton

For more information:
www.signupdate.co.uk/svas

Experienced Vehicle Graphic Applicators & Wrappers

South London / Surrey
Minimum of 2 years' experience

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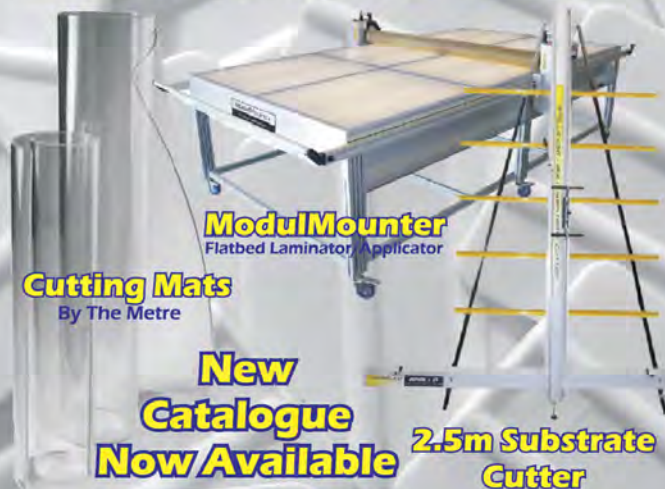
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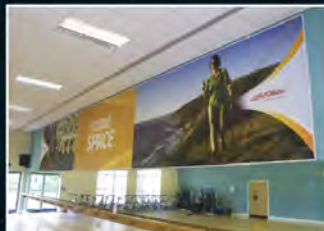
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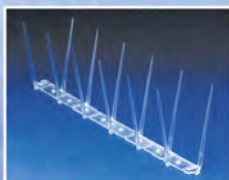
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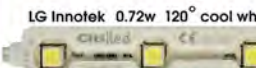

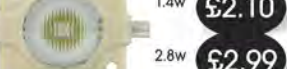
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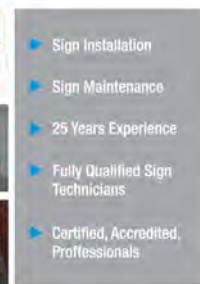
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Fax: 0116 225 9966
sales@sign-here.co.uk
www.sign-here.co.uk
Trade service for Laser flat cut & built up lettering & logos in Acrylic, Aluminum & Stainless steel. We will give you a professional reliable & efficient service at a competitive price. 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 experience

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Gardyne, Forfar, Angus, Scotland,
DD8 2SQ
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Fax: 01241 828 694
info@signindustries.com
www.signindustries.com
Sign Industries is a leading UK sign making manufacturer which has a wealth of experience and expertise in producing and engraving signs and plaques. We also Laser Engrave Plastics and Wood as stand alone products as well as moulds for castings. SIGN INDUSTRIES normally work with 3 mm thick material, and can etch bend and weld Stainless Steel up to 3 metres x 1.5 metres.

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Specialist laser cutting service. We stock a variety of materials in various thicknesses. You may also free issue materials. Laser capabilities are - stainless steel up to 4mm, mild steel up to 12mm. We can also cut very small acrylic detail with d/s tape already applied. All works carried out in-house.

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We offer a wide range of LED products from market leading manufacturers Sloan LED, LED Light Sheet and Toshiba. This includes a diverse selection of quality LEDs, including ChanneLED Modules, SignBOX Light, PosterBox Modules, Border Tubing and accessories. This combined with dedicated product management, estimating and sales team means Paperlinx - Robert Horne is well placed to offer best advice.

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(PART OF THE SIGN GROUP)

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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.

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Studlands Park Avenue, Newmarket,
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www.arken-pop.com

arken provide a comprehensive range of light boxes for both internal and external use. Our new Purelite LED light boxes are great value, offering fantastic light dispersal, whilst being very economical to run. Our light boxes are made to order so can be customised to a specific size or colour or can be expertly designed to meet your individual brief.

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info@brightgreentechnology.com

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Bright Green Technology specialises in LED systems that dramatically improve the quality and performance of backlit media, illuminated signage, retail displays and architectural features. Our tension fabric LED light boxes are fitted with the optimum LED system to meet your specific requirements.

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Fax: 01482 380901

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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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Tel: 01903 750333

Fax: 01903 750444

sales@simplex ltd.co.uk

www.simplex ltd.co.uk

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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Fax: +44 (0)1242 621529

malcolm@mirrortechnology.co.uk

www.mirrortechnology.co.uk

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Fax: 0121 344 4558

marketing@righton.co.uk

www.righton.co.uk

Righton Ltd is the UK's leading supplier of semi-finished plastics to the sign industry. our extensive range includes: Cast and extruded acrylic available in clear, opal and a full range of colours. Polycarbonate, Foam PVC, PET-G, Aluminium Composite Sheet, Painted aluminium sheet, Aluminium extrusion, Ultragrain stainless steel sheet. In house cutting and coating as well as 24 hour delivery service.

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Pear Tree Works, Bath Road, Upper Langford, Bristol BS40 5DJ
Tel: 01934 852 888
Fax: 01934 852 816
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
Fax: 01903 750444
sales@simplexlimited.com
www.simplexlimited.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.

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Fax: 01603 616781
sales@mercuryphillips.co.uk
www.mercuryphillipssigns.co.uk
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project.plastics@btinternet.com
www.projectplastics.co.uk
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Specialists in chemically etched nameplates. Brass, Stainless Steel and Anodised Aluminium. Any size up to 2400 x 1200mm (8ft x 4ft). One-offs up to 5000+. Trade work is totally confidential.

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SIGN INDUSTRIES are specialist TRADE MANUFACTURERS of etched Stainless Steel, Brass, and Bronze. We also Laser Engrave Plastics and Wood as stand alone products as well as moulds for castings. SIGN INDUSTRIES normally work with 3 mm thick material, and can etch bend and weld Stainless Steel up to 3 metres x 1.5 metres, and down to small sequential tags for wiring looms.

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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, SAN and Styrene sheet.

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Fax: 01245 232801
sales.chelmsford@perspex.co.uk
www.perspex.co.uk

Perspex Distribution offer unique access to many of the principal plastic sheet products for the sign industry from their regional distribution centres in the north, midlands and south. With a comprehensive stock-holding in many colours and finishes, Perspex Distribution can deliver any material for any application when it is required.

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plastics.tkmuk@thyssenkrupp.com
www.thyssenkruppmaterials.co.uk
ThyssenKrupp Materials are stockists of Plastics and Aluminium for the Sign industry. Experienced staff and an extensive product range give customers the flexibility to cover all requirements. Products include Orogas Cast Acrylic, Marlon Polycarbonates, Marcryl Extruded Acrylic, Forex Foam PVC, Dibond and Etalbond Aluminium Composite, Bayer Petg and Quinn Products.

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Fonteyne Signs & Displays

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arken provide a comprehensive range of quality poster displays for both internal and external use including, poster frames, poster cases, light boxes, and pavement signs. Products are available off the shelf, can be customised to a specific size or colour or can be expertly designed to meet your individual brief. All our products are manufactured at our factory in the UK.

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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.

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www.sign-holders.co.uk
Poster Cases and Poster Holders for all commercial and retail applications. Our extensive ex stock range includes snap frames, lockable poster cases, outdoor notice boards. Call our sales team or order online - apply for your Trade Login for reseller pricing.

INSIGHT SIGN SYSTEMS

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Fax: 0141 774 6653
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www.insightsignsystems.com
Insight is a trade only manufacturer, offering a made to measure service, with in-house powder coating. A wide range of options is available for displaying posters and transparencies (panels not included), including back-lit or non-illuminated, wall mounted or free standing etc. Hinged opening front provides access for maintenance. Rubber gaskets and slam locks provide security. Suitable for outdoor use.

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www.stocksigns.co.uk

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Fax: +44 (0)1274 774478

sales@applelec.co.uk

www.applelec.co.uk

Trade suppliers of curved or flat-faced wayfinding and aluminium display systems with directories incorporating wall mounted, projecting, and totem signs. Poster display frames with a snap side profile to allow for easy interchange of inserts and an exterior light box series are available. Please ask for an information pack or contact one of our friendly and experienced sales staff for assistance.

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www.signindustries.com

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Langford, Bristol BS40 5DJ

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Fax: 01934 852 816

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www.signscape.co.uk

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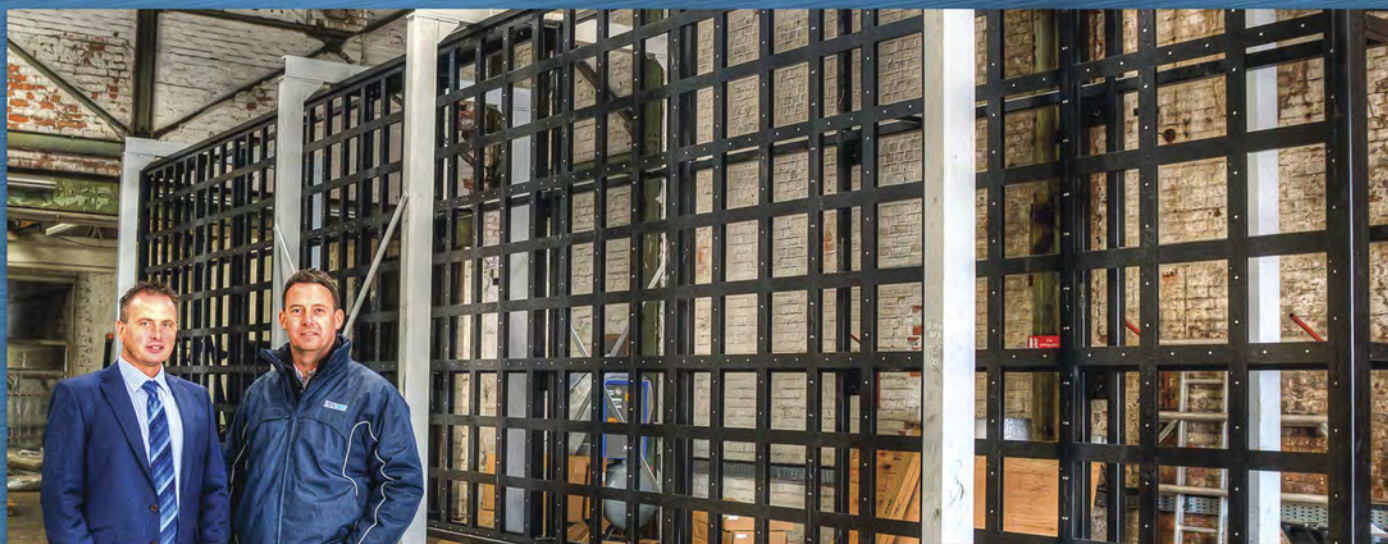
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SNAPFIX are global distributors of letter fixings, our products have been used by signmakers for almost half a century



Small	100	500	1000
Sockets Only	£5.50	£22.50	£42.50
Measurements			
Socket Width	8mm		
Socket Length	10mm Overall Standoff 11.5mm		

Medium	100	500	1000
Sockets Only	£9.00	£31.25	£53.80
Measurements			
Socket Width	11mm		
Socket Length	13mm Overall Standoff 16mm		

Large	100	500	1000
Sockets Only	£12.50	£48.75	£85.00
Measurements			
Socket Width	20mm		
Socket Length	23mm Overall Standoff 25mm		



Colour Range

Red	Cream
Orange	Yellow
Light Blue	Dark Blue
Light Green	Dark Green
Silver	Gold



SNAPFIX is UV stable frost resistant and able to withstand global temperature variations and comes with a **lifetime guarantee**

Small	250	500	1000
Complete Fixing	£21.00	£35.00	£66.00
Sockets Only (Black or White)	£11.00	£18.00	£34.00
Studs Only	£13.00	£22.00	£38.00
Measurements			
Socket Length	10mm		
Socket Width	8mm	Stud ball Dia	5.4mm
Stud base Dia	8mm	Overall Standoff	11.5mm

Medium	250	500	1000
Complete Fixing	£25.00	£41.00	£75.00
Sockets Only (Black or White)	£18.00	£25.00	£43.00
Studs Only	£19.00	£29.00	£46.00
Measurements			
Socket Length	13mm		
Socket Width	11mm	Stud ball Dia	8mm
Stud base Dia	15mm	Overall Standoff	16mm

Large	250	500	1,000
Complete Fixing	£38.00	£66.00	£110.00
Sockets Only (Black or White)	£25.00	£39.00	£68.00
Studs Only	£27.00	£42.00	£70.00
Measurements			
Socket Length	23mm		
Socket Width	20mm	Stud ball Dia	11mm
Stud base Dia	20mm	Overall Standoff	25mm

SNAPFIX-metal is available in **Brass or Nickel-plated Brass** they are designed to be soldered or glued and are available in three sizes and they come with a **lifetime guarantee**



Small	100
Brass	£22.00
Nickel Plated	£25.00
Measurements	
Socket Length	8mm
Internal Thread	M5
Stud base Dia	8mm Overall Standoff 11.5mm

Medium	100
Brass	£26.00
Nickel Plated	£29.00
Measurements	
Socket Length	9.5mm
Internal Thread	M8
Stud base Dia	11mm Overall Standoff 13.5mm

Large	100
Brass	£33.00
Nickel Plated	£36.00
Measurements	
Socket Length	11mm
Internal Thread	M10
Stud base Dia	15mm Overall Standoff 13.5mm

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