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CONTENTS

| | | |
|---------------------|---------------------|----|
| Welcome Page | Introduction | 5 |
| Regulars | Product News | 6 |
| | Product Choice | 20 |
| | Project News | 36 |
| | Sign News | 52 |
| Features | Illumination | 28 |
| | HP Latex Explained | 43 |
| | Print & Cut | 46 |
| Classifieds | Equipment for sale | 56 |
| | Job vacancies | 56 |
| | Businesses for sale | 57 |
| | General classifieds | 58 |
| Buyers Guide | Trade directory | 63 |

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Its' not just sneeze screens and distance signage anymore

Having spoken to many sign making companies over the last couple of months, we're really seeing a change. Until now it's been mostly the companies involved in print or making sneeze screens that have been doing well, but now it looks like the companies manufacturing built up letters are really starting to get busy.

I had the pleasure of speaking to Sam Briggs from Briggs Signs about the way they make built up letters and 3D signage with SignBlock from Indasol. He's done some really exceptional work that is worth taking a look at on page 36, with a brief explanation of how it had been created. Signmakers are not always willing to share how they manufacture their products, so this was very welcome. If you've got a project you'd like to discuss with us and we feel it's going to be useful / educational for other signmakers, then we'll publish in the magazine, online with links back to you and also on social media too.

Part of the reason for the improved trading conditions, could be because from the 1st July 2021, the amount of support that employers can claim has started to reduce, meaning that in July employers will need to contribute 10% of the cost of unworked hours (up to a cap of £312.50 per month) themselves, rising to 20% for August and September (up to a cap of £625 per month), in addition to paying any associated Employers' NIC and pension contributions.

Martin Hinchliffe
Managing Director



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Cloud based “Roland DG Connect” service area expanded

A leading manufacturer of wide-format inkjet printers and printer/cutters, Roland DG, has announced the expansion of its cloud-based “Roland DG Connect” service.

Roland DG Connect was developed with the aim of improving customer satisfaction and success by providing a more comfortable and stable operating environment, improved workflow efficiency, increased business development and profitability. The free service, launched in the UK, North America and Japan, also aims to enable people with different skills, goals and requirements to collaborate and share ideas.

In addition to the existing English and Japanese languages, the service now supports Spanish, German, French, Italian, Portuguese, and Korean, and has expanded coverage to Europe, Latin America, Oceania, and Korea.

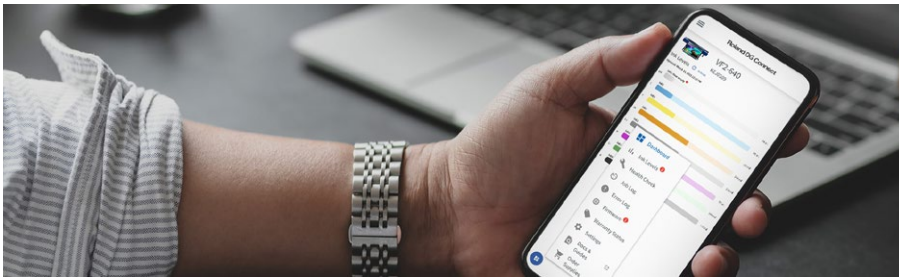
Currently, Roland DG Connect provides instant access to key performance metrics, allowing the user to monitor device activity and increase production efficiency. Should an error occur, the shared information on the operating status and history of the product can be used to reduce the time of repair, thus helping to reduce downtime for the customer. The Health Check function monitors major components,

such as the print head, and notifies users of required maintenance to assist them in keeping their product in good working condition for stable operation. In addition, the Dashboard function offers an easy-to-understand, color-coded view of operating status to improve product utilization for more efficient business operations.

Johan Struyfs, EMEA Service Director at Roland DG UK, said, “This is an ongoing project for us at Roland DG, and we are dedicated towards continuing to add new features, services, and geographic coverage long-term to generate an even more compelling creative ecosystem with our customers around the world.”

Roland DG Connect is currently available for all TrueVIS models including VG2-640/540, SG2-640/540/300, VF2-640, VG-640/540, SG-540/300. Updating to the latest firmware is required. Supported products will be expanded in the future.

rolanddg.eu



AAG expands range of special-purpose routing/cutting tools

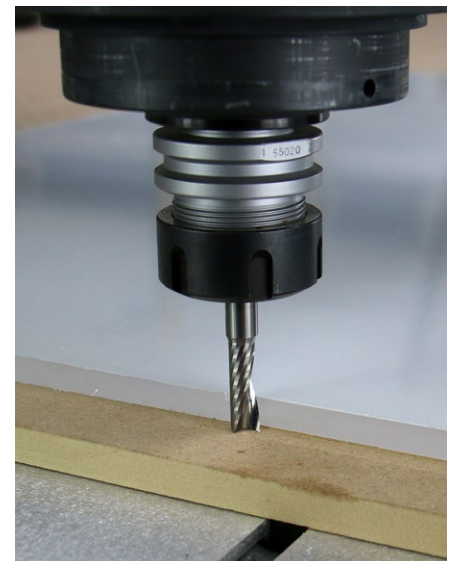
Two new additions to the range of special-purpose routing/cutting tools supplied by AAG via its CNCShop E-commerce Division comprise different versions of the latest solid carbide ‘O’ series of single-flute spiral tools manufactured by Amana. As with other special-purpose tools, they have been designed to accommodate applications for which standard spiral tools would be less effective in terms of cut quality and tool life expectancy.

Available in multiple sizes, configurations and routing/cutting depth options, the ‘O’ series incorporates a proprietary carbide coating system that provides enhanced protection against tool deterioration caused by abrasion, erosion, galling and fretting. This ensures constant razor-sharp cut edges and a superior mirror surface finish to the materials being processed, whilst minimising problems frequently encountered when standard spiral tools are employed.

The Amana ‘O’ series of tools will process a wide range of disparate materials. Typically, these include aluminium and aluminium composites (ACM), non-ferrous metals such as stainless steel, alloys like brass, bronze and copper and foamed and corrugated board.

These latest Amana additions, which are likely to be expanded in the future, complement other special-purpose tools available through AAG’s CNCShop Division. These include the Marathon Compression Tool for solid and particle woods, a Diamond Cutting Tool for acrylic and various plastics and a Long Reach Tool for the processing of foam and similar ‘soft’ materials that require a deeper cut capability.

www.CNCShop.com



Amana solid carbide spiral ‘O’ flute aluminum cutting router bits use the highest quality sub-micrograin carbide



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MAGNETIC

Vinyl cutters with seamless print-then-cut workflow launched

Roland DG has announced the addition of the new GR2-640/540 64" and 54" vinyl cutters to its CAMM-1 series.

The CAMM-1 series is capable of cutting almost any shape quickly and cleanly from a broad range of sheet and film materials, ranging from thin automotive window films and heat-transfer sheets to thick reflective sheets and sandblast masks. Applications include signs, automotive window film, vehicle wraps, sports apparel and more.

According to Paul Willems, Product Management and Business Development Director at Roland DG EMEA: "When paired with Roland's premium-quality print technology, Roland cutters are the perfect choice for print professionals for creating rich and vibrant graphics of all shapes and sizes for multiple applications including stickers, labels, in-store POP and – more recently – social distancing signage."

The newly announced GR2-640/540 provide an ideal balance between affordable pricing and superior cutting

performance and are designed to integrate seamlessly with large-format inkjet printers. With a maximum cutting speed of 1,530 mm/s, a maximum downforce of 600 gf and smooth media feeding, the GR2 series achieves the precision cutting quality and high-volume productivity required by professional users.

One of the most exciting features of the GR2 series, according to Willems, is that it pairs smoothly with Roland DG's large-format inkjet printers using the identical VersaWorks 6 RIP software for seamless print-then-cut production.

VersaWorks 6 'Job Assistant' function enables you to edit vector data in PDF and easily add contour lines to ensure the outlines of graphics are cut accurately, eliminating the need for users to switch back to Adobe® Illustrator®, CorelDRAW® or other graphics software to complete production.

The GR2 series also features a multi-crop mark function for more accurate contour cutting of large quantities of printed material and cutting after lamination. It also includes the Roland DG AAS II plug-in software for pairing with other large-format inkjet printers.

The GR2 series comes equipped with the powerful, best-in-class FlexiSign GR2-Edition software which is free for the first year upon registration. This software offers a complete suite to design and cut graphic files and seamlessly integrates with GR2 series cutters for a cut only or print-then-cut workflow.

"What's more," Willems adds, "the GR2 series excels in its quality, productivity and cost-efficiency. These defining features of Roland's products help users get ahead of the fierce competition in the professional print community by allowing them to branch into new creative offerings and deliver even more cutting-edge solutions to their customers."

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CAMM-1
GR2-640 / 540

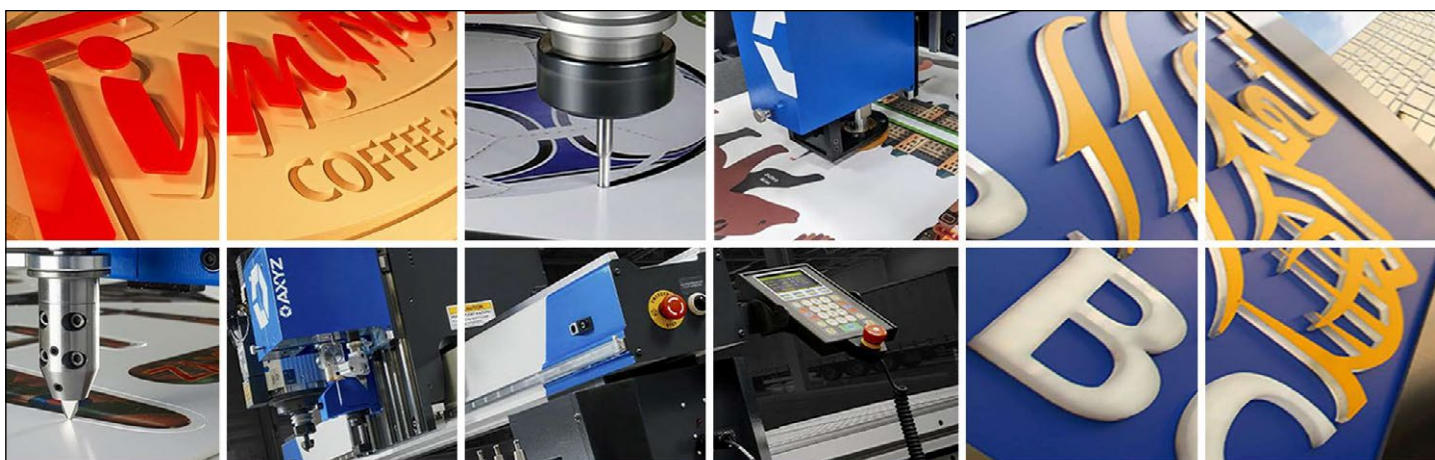


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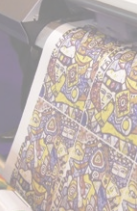
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Atlantic release their new ColourSURE Print & Cut RIP Technology

Atlantic Tech Services announce the release of their new and exclusive ColourSURE Print & Cut RIP software technology packages, which have been developed to drive most Mimaki, Roland, Mutoh and AZON Solvent and UV printers.

The ColourSURE Print & Cut RIP has been developed specifically as an upgrade path for those users of Rasterlink, Versaworks & Shiraz RIP software. The RIP package can be supplied as a single printer and single cutter package or as a multiple manufacture device package to drive both printers and plotter/cutters from a single brand or multiple manufacturers machines from the one RIP. As an example, the ColourSURE RIP can be supplied to drive from the one RIP a Mimaki Roll-to-Roll or Flatbed printer, together with a Roland Roll-to Roll and a Graphtec plotter/cutter. ColourSURE RIP comes with state-of-the-art colour management tools which include, ICC profiling, colour correction for highlights, mid-tones and shadows, together with

colour curve controls and with the added benefit to control and reduce ink usage.

ColourSURE RIP Technology delivers accurate, vibrant colours for each of the supported Print or Print & Cut devices. Consistent colour controls across a virtually unlimited range of possible ink and media combinations, together with the fully flexible In-RIP production tools, make the ColourSURE Print & Cut RIP, an excellent choice as one of the most flexible and advanced solutions for the most popular types of wide format printers and cutters.

Atlantic are providing national next day on-site and same day on-line and telephone support to all ColourSURE RIP customers. Installation and training is provided with all ColourSURE RIP packages.

Keith Pratt, Atlantic MD says; "We see this as a very important step in the development and progress of the company and particularly as we have been working

on the development of the ColourSURE RIP project for some time. Our Technical Director Stafford Cox, will head up our RIP delivery and support team and will be focusing on the future technical and sales development of the product going forward. The company is currently organising full product training for all its engineers, additionally our customers will soon be able to download a 14 day trial of the product. The single RIP low cost package is available for less than £1,000.00, with a selective number of additional options which can be added at any time on request".

www.atlantic-tech.co.uk



ITC's new folding tools fold ACM with ease

Machining Aluminium Composite Material (ACM) can be a challenge for most businesses. Poor surface finishes and tool life, excessive tool wear and secondary hand finishing, as well as inconsistent tool performance, are common issues for manufacturers in the sign-making industry. Not only can Industrial Tooling Corporation (ITC) remove these issues with its high-quality range of cutting tools, but the Staffordshire manufacturer has now launched a new line of folding tools that have been developed specifically for mineral core ACM.

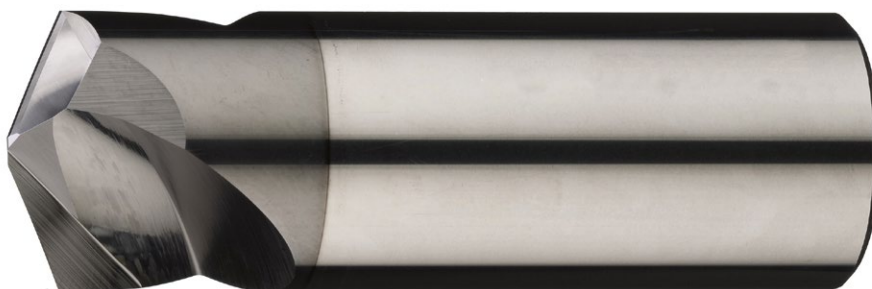
The Mineral Core ACM folding tool that has now been introduced by ITC is manufactured from a micro-grain solid carbide that provides exceptional wear resistance. Added to this, the Tamworth cutting tool experts have added the new Vitreo coating technology to further extend cutting-edge performance, dissipate heat generation from the cutting area and

improve wear resistance when cutting mineral core ACM. Complementing the solid carbide composition and the Vitreo coating technology is a specially developed helical flute geometry with the choice of either a 90° or 135° inclusive angle.

Capable of typically folding mineral core ACM up to 4mm thick, the new introduction to the ITC portfolio is available in two sizes. This includes a 10mm tool

with an inclusive angle of 90°, a 3mm wide flat and an overall length of 70mm. The larger diameter tool has a 20mm diameter with a 135° inclusive angle and a 2mm flat with an overall tool length of 60mm. These optimised dimensions provide exceptional rigidity and stability that enables end-users to cut mineral core ACM at high feeds and speeds with confidence.

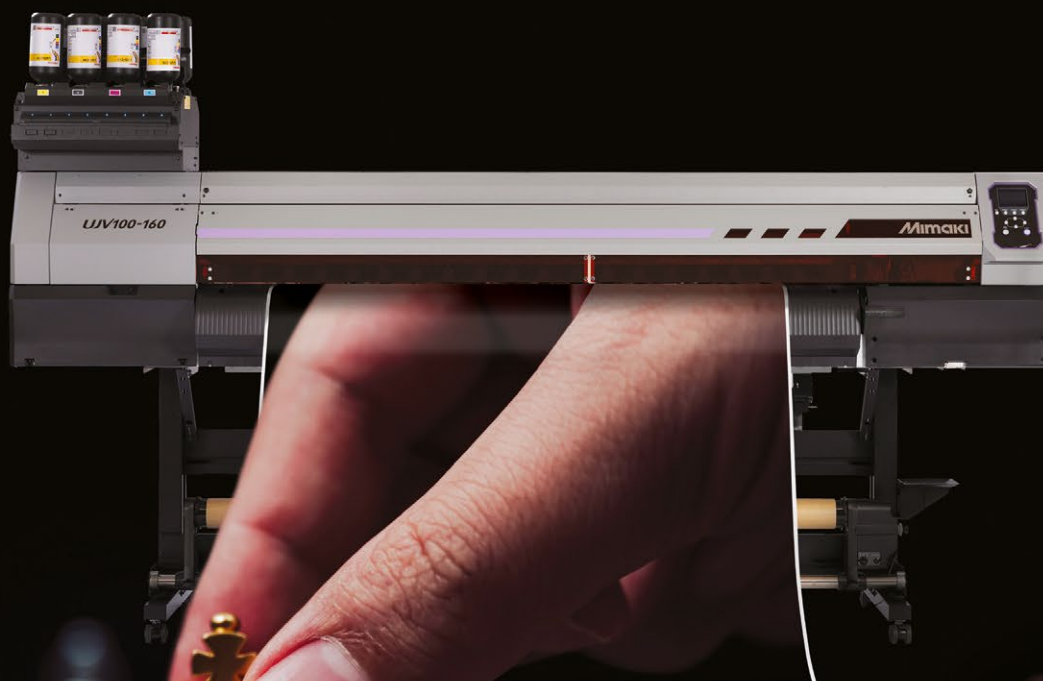
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20mm diameter tool with a 135° inclusive angle and 2mm flat

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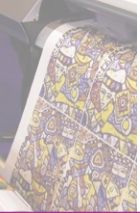
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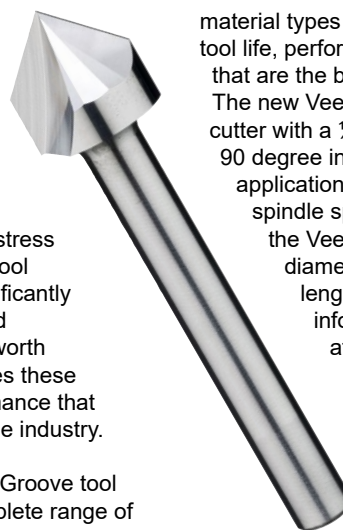
ITC Puts High-Speed Cutting in the Groove

High-frequency spindles incorporated into CNC cutting tables are an increasingly commonplace installation in the production areas of sign-making, digital printing and graphics. With manufacturers such as Zund, Esko, Summa and DYSS being prominent in this area, Industrial Tooling Corporation (ITC) has an extensive range of balanced tools that are ideal for users of these machines.

Operating at extremely high spindle speeds often beyond 30,000rpm, these high-frequency spindles require precision, balanced cutting tools to operate at their full potential. ITC has a complete range of cutting tools and routing tools for these machines and the latest addition to the range is the new balanced Vee Groove tool.

Without balanced tools, the quality of surface and edge finish of components will diminish rapidly. In addition, the cutting process will induce vibration and generate excessive heat, noise and stress in the spindle. As a result, tool and spindle life will be significantly reduced. The new balanced Vee Groove tool from Tamworth manufacturer ITC eradicates these concerns to deliver performance that exceeds anything else in the industry.

The new solid carbide Vee Groove tool is perfect for use on a complete range of



material types such as di-bond, delivering tool life, performance and surface finishes that are the benchmark of the industry. The new Vee Groove tool is a 2-flute cutter with a 1/2 inch head diameter and a 90 degree inclusive angle. Balanced for application on machines that exceed spindle speeds of 30,000rpm, the Vee Groove tool has a 6mm diameter shank with an overall length of 63mm. For more information, please take a look at Issue 6 of the ITC Folio product catalogue that has now been published.

www.itc-ltd.co.uk

Roland DG expands options for VersaUV LEC2 Series

Roland DG has expanded its VersaUV LEC2 Series of UV roll-to-roll printer/cutters and VersaUV LEC2 S-Series UV flatbed printers with the addition of new orange and red ink options and a larger version of the optional extension table designed specifically for the LEC2-640.

New! EUV5 Orange and Red inks:

The VersaUV LEC2 product range has proved extremely popular among graphic professionals and packaging mock-up specialists since launching in January 2021. Now, the exciting addition of orange and red EUV5 inks to the original set of CMYK, white, gloss and printable primer, further expands the potential of these versatile devices.

Choosing an ink configuration which includes orange and red is ideal for those who work with brands that demand nothing less than colour-accurate print perfection. The new ink gamut also offers the perfect solution for print service providers seeking to add vibrancy and impact to their printed output to make their graphics – including backlit, canvas and decorative applications – really pop.

Suitable for the fullest range of printing capabilities, the GREENGUARD GOLD-certified EUV5 ink delivers stunning quality prints at all speeds and easily adheres onto a virtually limitless range of materials and substrates.

According to Paul Willems, Director of Business Development and Product Management, EMEA at Roland DG: "We're delighted to add these two new vibrant colours to our EUV5 range, offering our customers an extended colour gamut. The inks will enable new VersaUV LEC2 customers to take on an even wider range of work and produce stunning high-quality applications."

New! ET-64 for feeding folding carton paper stocks:

Building on the success of the ET-30 extension table which aids stability when

feeding in more rigid substrates such as cardstock for packaging prototypes, Roland DG has announced the availability of a new ET-64 accessory. Compatible with the LEC2-640 printer/cutter, it is suitable for the entire range of folding carton applications* up to B1 size, using real paper stocks.

Willems adds: "The quality of our solutions is world-renowned, and alongside our unrivalled service and support, we continue to enhance our versatile solutions to meet the ever-changing requirements of graphics providers."

rolanddg.eu

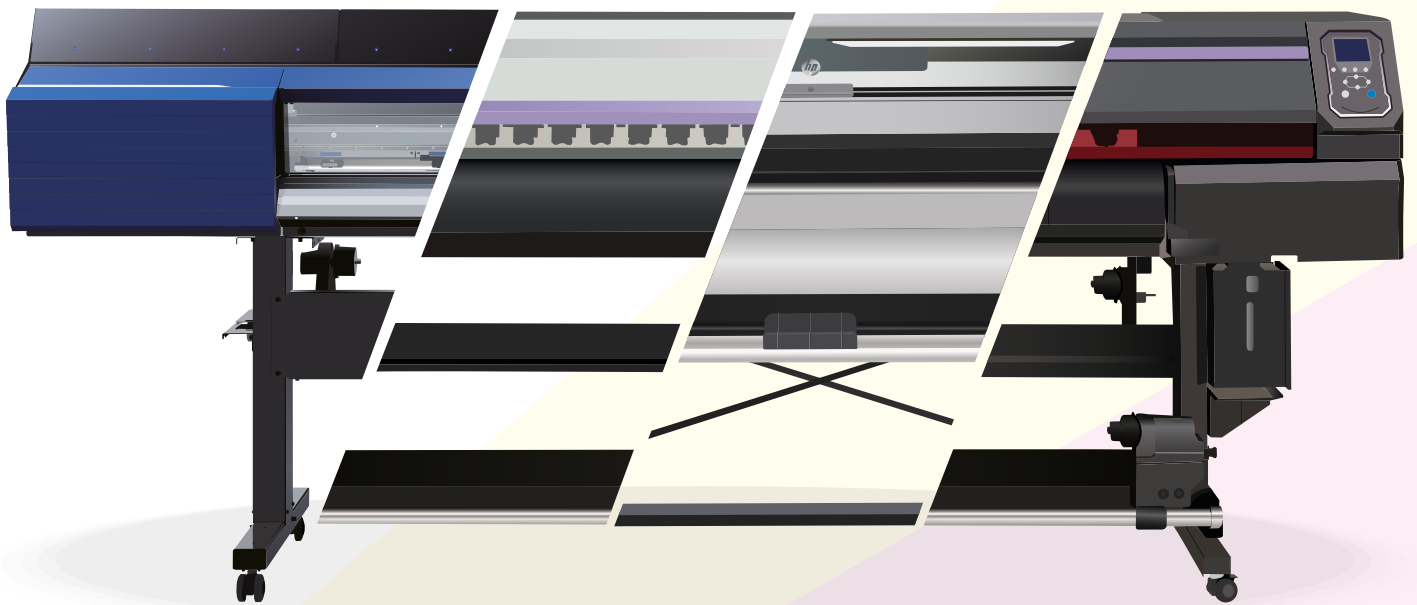


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LEC2-330/640

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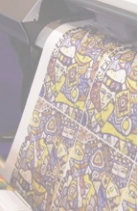


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PRODUCT News

Spandex adds new trend colours to Oracal 970RA vehicle wrap ranges



RapidAir(r) technology for speed and ease of application.

Ben Scammell, UK Sales Director, Spandex comments: "At Spandex, we're committed to extending product choice for our wrap customers and their clients. In addition to their practical advantages, vehicle wraps are an expression of individual style and personality, so new colours are a great opportunity for businesses to ignite customer interest."

Customers can view the new Oracal 970RA colours on the Spandex ColorBox swatch app, or online:

<https://shop.spandex.com/>

Spandex, the one-stop supplier of innovative solutions to the sign, graphics and display markets, is adding two new colours to both the standard Oracal 970RA Premium Wrapping and Oracal 970RA Special Edition Colour Match Series of wrap films.

The standard range now comprises 128 colours, including the new on-trend Steel and Millennium grey shades. The Special Edition range offers Spandex customers 14 exclusive colours, with the addition of two new greens; metallic gloss Oak Green and Aventurin.

Oracal 970RA products are multi-layered high-performance cast PVC films,

engineered by Orafol for full wraps, with



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Trotec redefines the laser workflow with new Ruby® Software

A leading laser machine manufacturer, Trotec, is set to make working with lasers simpler and faster with a new 'digital to the core' software.

Ruby® software will redefine working with laser cutting and engraving systems, accompanying the user from the initial idea to the finished product and offering unprecedented and valuable features for engravers, print shops, manufacturers and schools to name a few.

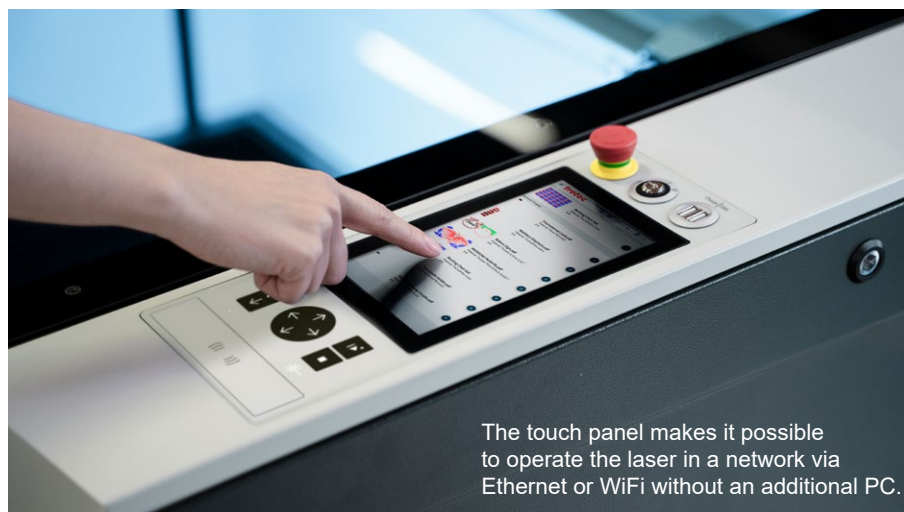
The platform will facilitate online order processing and provide users with a connected, web-based and digital to the core setup for the first time.

An intelligent future. Connected machines for the laser user.

"Laser machines will be fully digitalised in the future," says Dr. Andreas Penz, Managing Director of Trotec Laser GmbH. "The Trotec team has been working intensively on a new generation of software for years. The scalable software architecture has been developed from scratch. Now customer requests can be addressed much faster. With Ruby®, we're setting new standards once more. Our customers will benefit from day one and they'll be able to follow the digital change of our time in a future-proofed manner." Penz outlines Trotec's mission and the importance of digitalisation.

The graphic design software for laser machines. A seamless workflow.

The new platform enables the laser user to create graphic, photo and text elements and make adjustments quickly with an integrated workflow which incorporates all of the graphics tools that a laser user needs. Ruby® allows the direct import of



The touch panel makes it possible to operate the laser in a network via Ethernet or WiFi without an additional PC.

files such as pdf, svg, png, ai, etc. and the complicated process of printing out the laser job from a separate graphics program is no longer necessary. Penz sums up: "These functionalities cut time from idea to finished product in half."

Connected working. Multiple lasers, infinite number of users, access anytime and anywhere.

Ruby® connects all laser machines in one network, locally or remotely. In this way, laser cutting and engraving jobs can be distributed from a number of PCs or Macs to multiple laser machines. Jobs are loaded onto the integrated storage of the laser machine and processed without the need for an additional PC.

Trotec is breaking new ground in terms of user management, introducing an innovative workflow whereby jobs can be prepared by one user and produced by another, anytime and anywhere; whether in the office, at home or in the workshop.

Work with MAC or PC. Platform and client independence.

For operators of laser machines in particular, the new web-based software offers options that have been in demand for a long time but were previously unthinkable, such as complete independence from the operating system or the client.

Ruby® and Speedy 400 become one – the most intelligent and fastest laser in the world.

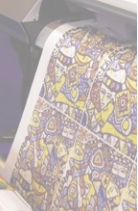
As part of the new Ruby® release, Trotec will also combine this most intelligent laser software with the Speedy 400, the world's fastest laser engraver. This powerful new laser system, 'Speedy 400 Run on Ruby®', features a touch panel which makes it possible to operate the laser in a network via Ethernet or WiFi without an additional PC.

All Speedy laser users can now benefit from Ruby® 2.

All new Speedy lasers will be supplied with Ruby® software included. Existing owners of Speedy laser engravers will be able to benefit from upgrading to Ruby® for free until 31st October 2021, after which it will be chargeable. The upgrade process is simple and existing material parameters and laser jobs are easily transferred over.

ruby.troteclaser.com.





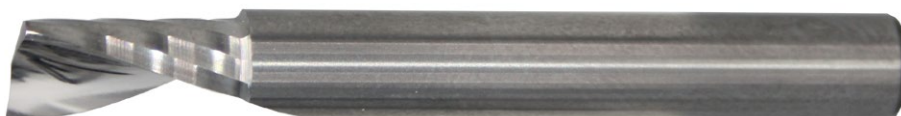
PRODUCT News

New generation 2 acrylic router tools

The UK market is set to receive the latest development in router tool technology with the new GEN2 acrylic routing tools. Developed by Crown Norge and available from LKH Tools in the UK, these new tools have been rigorously tested on multiple machines across the UK and Europe. The tools, manufactured in Switzerland from the highest European grade carbide are of the usual exceptional highest quality



10mm clear acrylic can be cut in a single pass and achieve near polished results.



6mm tool with a 12mm length of cut, suitable for acrylic thickness of up to 10mm.

already associated with Crown Norge tooling.

The new, improved geometry and design allows for up to 10mm clear acrylic to be cut in a single pass and achieve near polished results. This is without the need for a finishing or polishing pass and is compatible even with the most basic of machines running at spindle speeds as low as 18,000 RPM.

Switching over to these new tools will allow customers to opt for a routed polished edge, which requires no further processing. The advantage for most end users is the elimination of the finishing time taken by the machine for a second pass or hand finishing. Unlike a laser cut edge, the sides are vertical allowing for accurate assembly and positioning if required.

The new sizes are currently available in 3mm, 4mm and 6mm diameters on a 6mm shank, with the option to cut up to 20mm



thick clear acrylic. Balanced versions for 40-60,000 RPM spindles are also available.

Contact Liam Hodson at LKH Tools for more details – 0115 666 0060 enquiry@lkhtools.co.uk

www.lkhtools.co.uk

Nazdar announces availability of 566 Series of solvent inkjet inks

Nazdar Ink Technologies has announced the UK/EMEA availability of its 566 Series of Digital Imaging Inks, designed specifically for use in Oki™ Colorpainter M-64 LCIS Digital Printers using Oki WX IP6 Inks.

The low odour formulation is colour matched to the Oki WX IP6 original equipment manufacturer (OEM) inks, avoiding the need for custom profiles in most situations. Thanks to the complete chemical and colour compatibility of the two ink sets, the introduction of the Nazdar 566 Series inks into the Oki™ Colorpainter M-64 LCIS Digital Printer's integrated 4L capacity bulk-ink system is a simple, seamless and trouble-free process.

Nazdar's 566 Series inks deliver high print speed capability and high-impact, high-intensity colours equivalent to the

original OEM ink set along with consistent and reliable print performance. They are suitable for multiple printing substrates including self-adhesive, flexible and pressure sensitive vinyl; banner material; blue back paper; and backed mesh.

Stephen Woodall, Market Segment Manager–Aqueous & Solvent Digital at Nazdar, says: "We're delighted to add this new range to our cost-effective and high-quality alternative inks.

"Nazdar 566 Series inks enable users to meet or exceed the quality, productivity and performance of the OEM inks while benefitting from significant savings.

"As with all of our ink solutions, the 566 Series is covered by one of the most comprehensive warranties in the market."

www.nazdar.com



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Premier partnership for Dufaylite



Director of Dufaylite, commented; "I am delighted to be working with Premier. We are extremely proud of our eco credentials and are fully committed to sustainability which is a common goal and real synergy between both of our businesses."

development enables us to offer another excellent product with our 'Premier Service', next day deliveries throughout the UK."

Ultra Board 3D is available in 10mm and 16mm thickness and comes in standard and 3D white. It can be made and cut to any length specification, reducing waste benefitting both the environment and the customers' bottom line. Its smooth, printable surface boasts unparalleled strength to weigh ratio. The honeycomb sheets have endless retail, display or exhibition possibilities. A truly sustainable core with multiple outer facing options make it suitable for almost any project, from long term installations, to one off displays or pop ups. It can also be used for window dressings and banners, freestanding panels and signage.

Recycled paper honeycomb board manufacturer Dufaylite has partnered with Premier, one of the UK's leading suppliers of paper, packaging, sign & display products and other printable media.

The partnership will see Premier become the exclusive distribution partner for Ultra Board in the UK. It will stock, sell and deliver the recycled paper honeycomb board across the country from its 16 UK wide sites. Premier's account managers, will combine with the team at Dufaylite offering nationwide availability and customer support for Ultra Board sales.

Ultra Board's addition to Premier's stocked range of products both enhances its offering and indicates its growth within the sign and display market. Premier maintain a comprehensive product portfolio, the majority of which they are able to deliver on a next day, or in many cases same day, delivery service.

On the partnership, Ashley Moscrop, Managing

one of the leading sustainable suppliers throughout Europe and this partnership will further strengthen our position in the UK, enabling us to reach even more customers."

Brad West, Display Graphics Business Development Director at Premier, said: "Ultra Board is a perfect addition to our extensive range of products because of its unique and innovative design and its ability to enable the production of some eye-catching 1D, 2D and 3D point of sale displays. Like many other products that we supply, there are no creative limits when it comes to the use and application of Ultra Board and this

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Agfa helps Wallace Print deliver Covid demand

Eighteen months on from the installation of an Agfa Anapurna H3200i LED wide format machine, Gary Wallace, MD of Wallace Print in Kent, gives a positive report on his investment from what was a new supplier to the business.

Wallace Print invested in the new Agfa wide format engine in December 2019. The new printer was an addition to the SwissQ flat bed and roll-to-roll offering they already used, as they needed a faster roll-to-roll machine to deliver the demanded volume. They felt that the dual-roll feature on the Agfa machine was a massive benefit allowing them to produce serious meterage at up to 50% faster per hour.

No sooner had the new machine bedding in, Covid hit and, like others, it changed the model of the business over the next 12 months. Gary Wallace explains:

"It was initially a very concerning time, having to rapidly assess the effect that the pandemic would have on the business. But ironically Covid presented us with an opportunity to print a ridiculous amount of floor graphics through the Anapurna, as we realised early on that every business had to display the correct social distancing messages. We became insanely busy by mid 2020 and this resulted in new client wins in new sectors. We continue to grow at an alarming rate and our new client wins are at an all-time high.

There is no doubt that the Agfa Anapurna played its part in this growth by the sheer volume of output due to the speed of the dual-roll feature and in helping us to create new and exciting products that some of our competitors struggle to produce, largely around the white ink capability on this large format machine."

Wallace Print was initially a father and son screen printers that set up in 1986. It has adapted with the changing landscape of the industry and is now a fully digital large format printer employing 30 multi-skilled staff and under normal circumstances turning over C: £5m pa. Printing, finishing and installation is all that Wallace Print do and they are proud of that fact. They have not been distracted by diversification that they feel can sometime impact on a business. They can print on pretty much anything, to a huge size, onto reels or rigid materials and they print a minimum of 18 hours per day turning orders around at speed. Their very loyal customers know what they do and how efficient they are with stable, repeat projects.

No matter the size, if it fits their machines, Wallace Print will print it and their workload is usually very varied. Some jobs have very intricate finishing elements with minimal print and in others the installation can be the largest part of the job. Their customers can be agencies, print managers, retail, leisure, construction, corporate or automotive and the business thrives on the

variety and volume this offers.

The Agfa wide-format hybrid Anapurna LED series is perfect for printers that want to combine board and roll-to-roll jobs. The engines print at a width of up to 3.2m and combine high print quality with high productivity for outdoor and indoor jobs. The white ink function creates possibilities for printing on transparent material for backlit applications or for printing white as a spot colour. They are fitted with air-cooled UV LED lights that save energy, costs and time and are ideal for heat-sensitive materials. They also lead to a faster process as they can be switched on and off instantaneously. It also boasts 'Thin Ink Layer Technology' resulting in one of the lowest ink consumptions in the market.

Gary explains that investing in new print technology is something that Wallace Print has always been prepared to do and they are keeping a watchful eye on Agfa and other technical developments to enable them to keep ahead of the competition. He concludes:

"I need to say a big thank you to our existing and loyal employees who helped us through the 2020 tortuous year. They enabled us to rebuild Wallaceprint.com to be very efficient, even with our exponential growth, with of course, the professional assistance of the Agfa team."

www.agfa.com



Gary Wallace of Wallace Print in front of the new Agfa Anapurna 3.2m wide format engine



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control



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www.agfa.com

Screentec's new JETRIX LXi6 Flatbed Printers deliver up to three times the speed

Since taking ownership of two JETRIX LXi6 LED UV Flatbed Printers, Screentec based in Wales, have discovered that their consumption of jobs has significantly accelerated. This increase of three times the speed, compares directly to the time it used to take previously for their old kit to fulfill a multitude of their typical customised and branded products.

As Darren James, Director at Screentec said when asked about the new machines; "We are known for putting colour on almost anything! And that is exactly what these printers do. Some regular jobs such as printing on glass to then be backlit used to take 40 minutes, now this sort of project is taking just 9 minutes. In fact, a recent job printing on Corex, which we were proud to have managed to get down to 10 minutes; is now slashed to 2½ minutes with these new JETRIX printers."

In fact, Screentec looked at JETRIX printers way back in 2010, but were concerned they were a relatively new brand to the large format printer sector. So, while recognising the calibre of the machines decided to opt for a more well-known brand. Fast forward to more recently and they were on the lookout for replacements and keen to re-visit the JETRIX printer series. Working with Ben Woodruff, Head of JETRIX UK Sales they were obviously keen to push the printer's capabilities before committing to purchasing. They used the opportunity to challenge InkTec Europe to find a customer that was using as many different substrates as Screentec frequently tackle in a day. Particularly, as this can be up to 15 or more various materials in a 24-hour period. One defining moment was when Screentec's leading operator was visiting InkTec Europe's demonstration suite and after just a few moments was able to instantly run the machines. This was largely down to the new interface being completely intuitive and easy to manage.

This extensive and comprehensive testing certainly saw the printer being put through its paces, the result of which was that Screentec purchased not one, but two JETRIX LXi6 printers. Now the printers can be found producing pieces diverse as POS, splashbacks, signage, overlays, industrial graphics, ring binders, clipboards and a range of promotional products. Or working as a mix with initial digital print, followed by screen printing to add an extra



The two JETRIX LXi6 printers can be found producing pieces diverse as POS, splashbacks, signage, overlays, industrial graphics, ring binders, clipboards and a range of promotional products.

dynamic such as bright gold or selective UV Varnish.

Darren continues, "Our lead technician is good; and these machines enable him to manage a suite of equipment at the same time including cutter, folders and finishers too which is almost like watching a conductor with an orchestra. It is astounding how much quicker the white print is on these printers compared to what we had before. This is largely down to the inks, which while cheaper than our previous ones, all have a similar viscosity and therefore when printing white it allows for quicker printing without compromising on the opacity. Whereas before we may have had to put down several layers, we can now put 400% density and create a far better finish. This is a great benefit, as we have found other manufacturers have to thicken their white to achieve a more opaque finish."

"Another element that we are appreciating more and more is the statistics side. This is giving us greater insight into the actual time and cost of producing jobs. Practically this means we can review every aspect and therefore in a way these printers are enabling us to transform the business and

how we approach costings. This includes now being able to offer 'mix and match' cost for our regular customers. This is based on quotes by the sheet and then per unit produced depending on the amount of cutting and finishing required. This makes quoting so much more simple and accurate."

Practically, from the very first moment these printers were installed Screentec have seen the benefits. Their very first job on Dibond would in reality of not even been possible on their previous kit and this is just one of many examples of what they have been able to achieve since the printers were installed. As Ben Woodruff, Head of JETRIX UK Sales highlights; "It is so good to see a business so actively embrace everything these printers can do. Then being able to work with them to be able to help them take their business to a new level. The combination of the printers' versatility in terms of what they can print on, with the quality of the inks, the ease of use and then topped off with the level to insights that can be obtained is fantastic to see in action in such a great business like Screentec."

www.inktec-europe.com

PFI Signs Plus invest in UV gel printer

PFI Sign Plus have been a thriving business in Fife, Scotland since 1992, almost 30 years in the sign and print industry. They never anticipated what would happen last year and, like every other business, had to adapt to the challenges that Covid-19 presented for both local, national and international trade supply. Although it was a challenging year, PFI Sign Plus were able to not only meet, but exceed their annual growth aspirations securing a number of international multi-year contract and framework arrangements.

As part of the PFI Group's company policy to invest in 'green' printing technology at both local and national level, they have recently invested in one of the most desirable roll-to-roll UV gel printers on the market – the Canon Colorado 1650. As part of the upgrade, this innovative industrial printer offers automation, output

and sustainability benefits to our business such as:

- An increase in daily output of circa 300% – more than 10x faster than other mainstream industrial printers.
- The UV gels print with either a gloss or matt finish, meaning greater production efficiencies.
- Provides consistent colour profiling – ensuring that client's artwork is always reproduced in perfect brand matched colours at high speed.
- Upgrading from their solvent printers – the Canon Colorado 1650 is certified with several accreditations that focus on reducing its impact on the environment and reducing carbon emissions.

Managing Director, James Barbour, says 'The addition of a second Canon Colorado 1650 to our fleet of group-wide printing

technology is a further indication of our commitment to our core business value of innovation. Similarly, this also significantly increases our daily production output to further support the requirements of our international portfolio of clients. The PFI Group continues to be a market leader and vendor of choice for signage supply in both the United Kingdom and Europe.'

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PRODUCT Choice

FaberExposize UK becomes largest Agfa dye sublimation partner in Europe

Leeds-based wide format display specialists FaberExposize UK, who also trade as Northern Flags, have made a major equipment investment as they look to capitalise on the growth of the last year. The Yorkshire print company, who weathered the pandemic with a versatile pivot strategy, welcomed the installation of the new Avinci CX3200 printer.

The printer, acquired as part of the long standing partnership with Agfa, can produce dedicated roll-to-roll dye sublimation print at a speed of up to 270 m²/h. For FaberExposize UK, the key need was the faster backlit print times, and the new machine means they have doubled capacity for this product, allowing them to deliver the same high quality while fulfilling increased demand. The new printer can print up to 3.2m width and its fast capabilities on transfer papers will allow the company to increase its work in soft furnishings as well as Retail and Exhibitions.

The addition of the new equipment is just the latest investment from the ambitious and fast growing business. It follows a pre-pandemic £500,000 investment, with the construction of a new mezzanine floor for the specialist exhibition finishing department and a roster of additional finishing equipment.

Managing Director of FaberExposize UK & Northern Flags, Iain Clasper-Cotte, said: "When we moved in to these premises in 2017 we never intended to become the UK's largest Agfa dye sublimation print partner, let alone Europe's largest operator! The new Avinci CX3200 is our sixth large format printer and will allow us to deliver even better quality, agility and flexibility to our growing book of clients.

During the pandemic, we saw a huge increase in demand for our rigid signage but now that businesses are reopening after the pandemic, we're also seeing a real desire for backlit and frontlit print

too. For retail, commercial interiors and exhibitions it's a great way to wow with vibrant print and our new addition from Agfa will ensure we can deliver the best around."

www.faberexposize.co.uk



Sign Up Systems streamlines finishing with Blackman & White Genesis V cutter

Nottingham-based Sign Up Systems has invested in a Blackman & White Genesis V flatbed digital cutting system from i-Sub as it looks to speed up its finishing process, diversify its work and produce new products.

The company, which started out providing aluminium systems for the signage and graphics industry, first diversified into print in 2016 when it invested in a dye-sublimation machine and a 3.2m UV roll-to-roll system. A few years later it installed further large format printing equipment; a move which opened up a host of potential new avenues, but also left the company needing to upgrade its finishing options.

"Finishing was definitely the bottleneck in our business," explains Sign Up Systems' Managing Director Jon Bromhead. "We could print a lot of work; we just couldn't finish it. We realised that what we needed was that missing link—and, as it turned out, that was the Blackman & White Genesis V cutter."

Jon Bromhead states: "Due to the

pandemic, we felt it was better to go with a machine manufactured in the UK. It offered a better price point too, so seemed to be the right fit for us. We put the machine through its paces before we purchased it, running some tests using different substrates and cutting tools. We were happy with the results and decided to go for it!"

The Genesis V, which arrived in Nottingham in early June 2021, has a maximum cutting speed of 1200mm/sec and can cope with materials up to 50mm thick. Tool options allow cutting, creasing, routing, v-cutting and cardboard engineering which enables Sign Up Systems to finish packaging and marketing materials as well as branded workwear for staff.

Jon Bromhead explains: "It allows us to offer much more when it comes to print as finishing is key to the final product. It gives us a bigger product range and helps us to

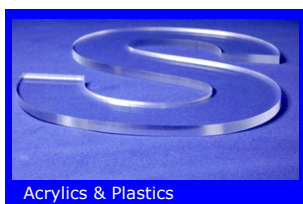
diversify as well as allowing us to finish and produce a lot more products in-house.

"Rigid board, banner, paper, vinyl, fluted board, display card, textile, composite materials finishing and more mean we can now look into completely different areas that we couldn't even consider before; there are so many possibilities, we've only just scratched the surface of what it can do."

www.i-subdigital.com



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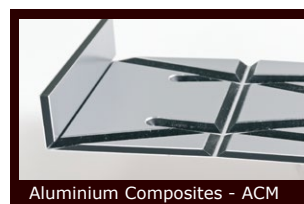
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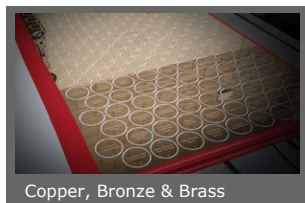
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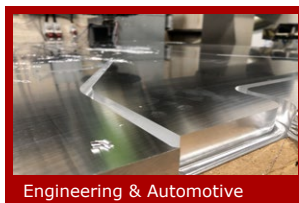
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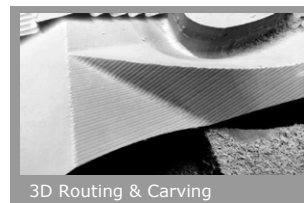
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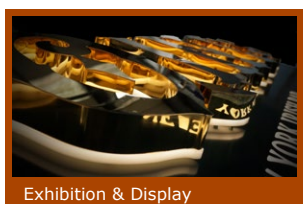
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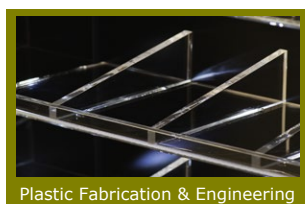
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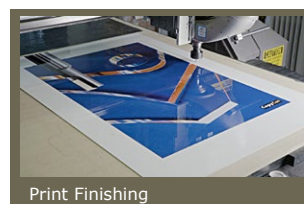
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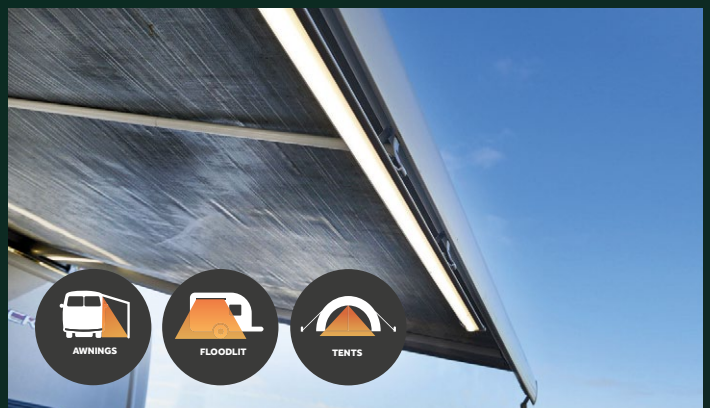
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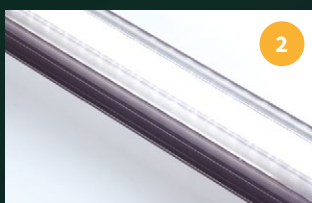


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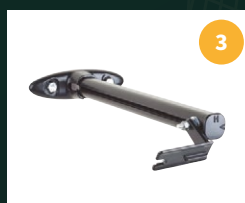
Protected by UK Registered Design 6021380 - The brilliantly designed Multi Bracket is double slotted, allowing the fitter to orientate the back plate fixing position from horizontal to vertical in an instant.



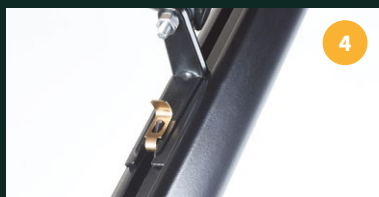
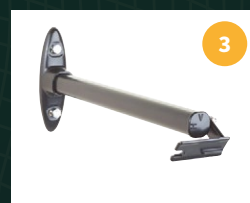
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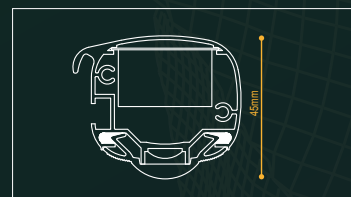
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Illumination Feature

A Bright Future for Signage Illumination

Exciting new technology

SignComp Europe has been distributing signage systems throughout Europe for almost 30 years, so know a thing or two about illuminating them.

Historically, fluorescent tubes were the weapon of choice for many years and populated almost every illuminated lightbox throughout the world. Until, of course, LED technology advanced to the point where it became economically viable to replace those tubes with Light Emitting Diodes. John Purton, Managing Director of SignComp Europe, says, "Since then, LEDs have been a staple within SignComp's portfolio and with SignComp's latest addition, KAISEN, we are looking to push quality up a notch and price down a couple."

KAISEN, a relatively new company to the LED space, has been going from strength to strength throughout Eastern and Central Europe. It is virtually unheard of for a start-up within the industry to record double-digit growth for each of its first 6 years and this can be accredited to the experience of the management, technicians and operatives within the company.

Increased Spacing

"KAISEN's most significant breakthrough is the development of separate lenses for lightboxes and channel letters," says Jaroslav Lozovskij, KAISEN's European Sales Manager. "Many other products use the same lens for both, leading to average results. Due to our developments, we have been able to increase spacing by almost 75% thus leading to 3-4 times fewer modules being used for each project.



SignComp Europe says that KAISEN's illumination products push quality up a notch and price down a couple

Not only does this result in less product needed for each application but also to lower production time and cost, something that is becoming more important to sign-makers throughout Europe."

He continues, "After great results year after year in our traditional markets, we turned our eye to the UK market and SignComp was our first call. We are confident that SignComp will do a great job with spreading the KAISEN throughout the industry and that sign-makers up and down the country will love our products."

So, after huge success throughout Europe, KAISEN is now tackling the UK market and partnering with SignComp Europe to get their message out. John Purton explains, "SignComp's experience of the signage industry and in distribution is

a perfect vehicle to launch yet another quality product into the UK signage marketplace. We have a well-founded reputation for selling high quality products and adding KAISEN to our range fits perfectly into their MO."

Cost savings

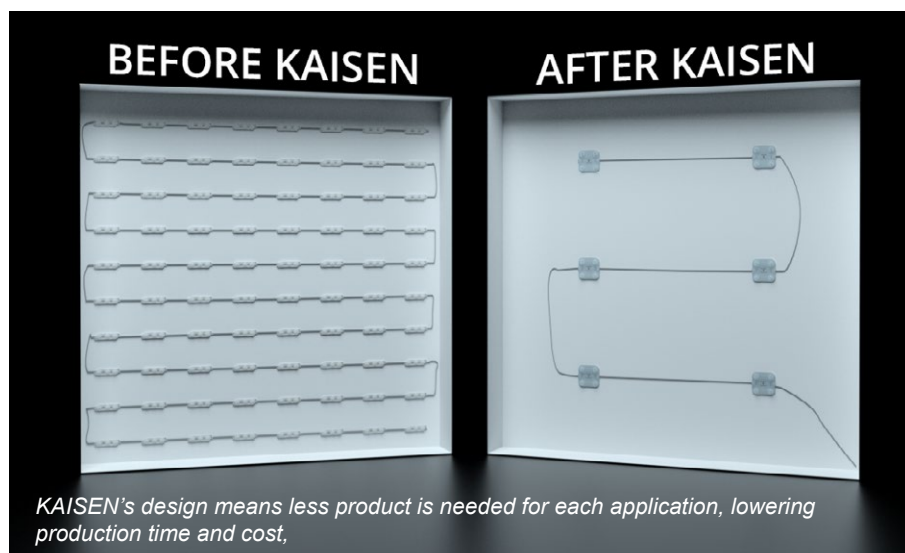
He adds, "We have little doubt that this partnership will be a successful one as we have the experience in distribution and KAISEN has the expertise in LEDs. We are always looking to help our customers develop their business and bringing on a new LED brand with amazing efficiency and huge potential is a no brainer for us."

"Signcomp has a network of converters that test these modules to the full and if they approve, we know these products will be popular for all within the industry. Not only were we sold on the effectiveness and efficiency of these products but their original pricing was extremely competitive too. And it hasn't stopped there."

John Purton concludes, "Due to KAISEN's huge growth within Europe, their buying power has increased significantly meaning even further price cuts, which, thankfully, they have passed on to distributors like us and we, in turn, will pass on these savings to our customer base. Not only can you get an amazing product with superb customer service, you can now save up to 47% more on already great prices. A win-win for all."

www.signcompeurope.com

www.kaisenelectric.com



Advancing the range of LED solutions

Since 1999, Majert has played a pioneering role in the advancement of LED lighting technology as a viable and more cost-effective alternative to traditional fluorescent and neon tube systems. Based in Essen, Germany and under its established Chiplite brand, the company has expanded rapidly to become a preferred choice of leading manufacturers, both in Continental Europe and the UK. This trust is founded on Majert's acknowledged technical proficiency, reliability and awareness of critical safety and environmental considerations.

High performance LED solutions

As Majert's Marketing Director, Marco Klan, explained, "We aspire to providing the sign manufacturing and associated industries with high performance to cost LED solutions that are capable of sustained and reliable operation in any global location. Combined with a keenly competitive pricing structure and sourcing of only the best materials available from international suppliers, Majert has become a leading manufacturer and distributor of the most technically advanced LED lighting products currently available under the Chiplite brand."

Chiplite LED modules have individual design characteristics and levels of performance, contingent upon module type and nature of the application for which they are to be used. Significantly, they also share important performance ratings that meet all relevant international standards.



Impressive illumination solutions can be achieved with Chiplite



Chiplite LED modules range provides a wide choice of size and levels of luminous flux

For example, all Chiplite modules carry RoHS (Restriction of Hazardous Substances) certification and are CE-rated in accordance with BS/EN 5015. They are also IP65-rated to BS/EN 60529.

Extensive product range

The Chiplite LED modules range provides a wide choice of size, levels of luminous flux, power usage and colour permutations. Collectively, these enable the availability of a LED solution for every conceivable sign illumination requirement.

The latest Chiplite LED lighting brochure covers over 20 different products, including the new 24V and RGBW modules. It also

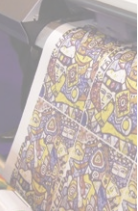


Chiplite Neon Flex LED tubes offer sustained and reliable operation

includes the latest and most powerful CL-EL6 module that provides a huge luminous flux of 540 lumens.

Marco Klan concludes, "These are supplemented with three variants of the Neon-Flex product (Curved, Flat and the new EASY module). This latter module faithfully replicates the brilliant effects of neon but at a fraction of the cost. Available in a choice of 12 different colours, the product is supplied mounted on a clear acrylic carrier for ease of installation and effective performance."

www.chiplite.de



Illumination Feature

Solid Range and Advice for your LED projects

Perspex Distribution Limited (PDL) has spent the last 9 years building a comprehensive range of LED lighting products that meet the needs of the UK sign and display market. Luke Martyn, Marketing Manager, explains, "Key partnerships with manufacturers have allowed us to provide solutions that keep our LEDs competitive without sacrificing quality and reliability. Today our range boasts LED modules, LED strip, LED light sheet panels, LED Neon and a full range of accessories including power supplies and control equipment."

The newest addition to the LED range is the LED Neon10 range, which allows signmakers to produce stunning neon-effect signage with ease. LED Neon10 comes in a sleek 4mm, standard 8mm, and bold 12mm wide flexible profile and can be used to create everything from flowing neon-style scripted letters to accent lighting for the top of a hotel. The silicone housing can easily be manipulated to form shapes and follow lines and offers full protection for both internal and external applications.

Flexibility in design

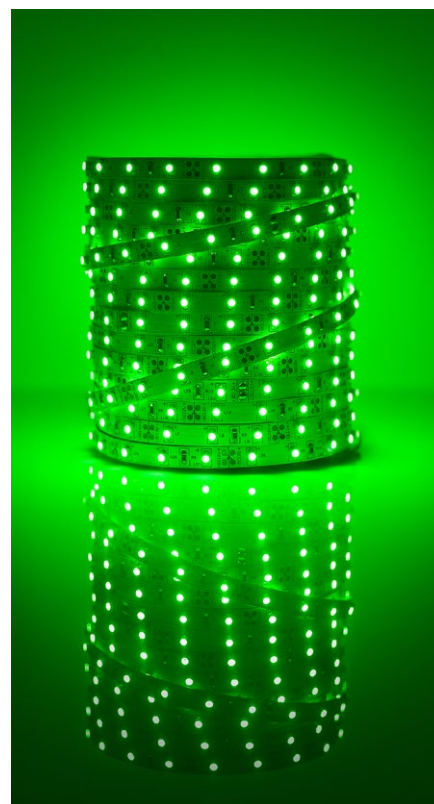
The product can be cut every 50mm and re-sealed with the end caps supplied, offering maximum flexibility in design. Flexible strip LEDs are widely used in applications ranging from short term promotional displays and exhibitions to external accent lighting and signage.

Martyn says, "Our LED Product managers are on hand to offer advice on the most efficient product choice. We now stock a large range of specialist flexible strip LEDs including side firing 3014 strips and RGBIC programmable colours for dynamic displays."

He continues, "Signmakers and display specialists have increasingly turned to Perspex Distribution to support LED expertise within large project roll outs where bespoke flexible strip LEDs are required. Complete technical support is available to choose the required LED specification, power supply and controllers – all produced in bulk to the exact size requirements and ready to plug in and play."

He goes on to say, "An additional benefit for fabricators speaking with us for their illumination requirements is our deep knowledge of substrates for LED illumination. Our Perspex® acrylic range features a package of materials optimised for LED performance. Established products such as Perspex® Spectrum LED are stocked in thicknesses from 3mm to 30mm, offering improved diffusion of light, facilitating slimmer lightbox designs up to 30mm block letters. Meanwhile, Perspex® Edge uses flexible strip illumination to create a light sheet panel without the requirement of laser etching or engraving."

For lightboxes and channel letters, the newly developed S+ range of LED



Bespoke flexible LED strips increase applications versatility

modules from BaltLED offer increased brightness per module whilst requiring fewer units per sign. This results in reduced costs and reduced labour time without sacrificing the end result of the sign. The S+ LED modules have already proven their worth in many high profile applications and multiple site roll outs, but are also competitive enough to be used in smaller, local projects as well.

"Feedback from signmakers has been listened to and each module also comes with a quick application 'finger lift' backing saving valuable time applying the modules adhesive tape. Add to this the support and advice from our specialist LED Product team and customers have a winning formula to being awarded more projects and repeat business opportunities," says Martyn.

He concludes, "We pride ourselves on offering you advice every step of the way, from product selection right through to installation, to ensure what you purchase matches your needs."



Perspex LED Neon10 Range produces stunning neon effects

www.perspex.co.uk/leds

Taking LED technology to the edge

Artillus Ltd is a bespoke LED products supplier for displays in the retail, signage, and interior design sectors and a pioneer in ultra slim edge lighting for illuminated displays. Tony Jaeger, Director of Artillus, explains, "Our display products feature edge lit LED technology and back lit modular systems for internal use. Each LED product is generally supplied in bespoke sizes to meet the customers' precise requirements, though some products are available in standard sizes."

Over the last ten years the use of low voltage LEDs has changed illumination dramatically. Not only for the environmental and cost efficiencies it brings but the incredible flexibility and boundless scope in display and lighting applications particularly where depth of space is restrictive or limited.

Every light board individually manufactured

Jaeger explains, "At the very heart of our ultra slim products and what makes them so successful is how we manufacture the engraved acrylic. Every board is individual, CNC 'V' cut in a graduated grid pattern to maximise light distribution and brightness evenly across the whole of the light board—regardless of its size. We do not use off-cuts or use sections taken out of a pre-engraved sheet. Every light board we manufacture is individual – guaranteed."

He adds, "The engraving of the grid on optically clear acrylic and the very best Bin-sorted LEDs is our formula for producing consistent quality and it places our edge-lit light boards and light boxes amongst the best illuminated display units available. Bespoke manufactured in Korea and sold throughout the world, Artillus has



"The quality and dependability of these lightboxes is quite outstanding and have proven the test of time"

been the exclusive distributor for these exceptional products in the UK for over ten years."

The display work horse is the Diamond LED light box, 20mm deep with a 25mm snap front allowing simple and easy change of graphics. "The quality and dependability of these lightboxes is quite outstanding and have proven the test of time with many thousands being sold since their introduction. We are extremely proud of the fact that World Duty Free adopted the Diamond light box for their airport shop designs throughout the UK," says Jaeger.

"For applications where a snap frame isn't required, our Garnet LED light boards offer a different opportunity of applying a translucent substrate directly on the light board such as a printed image or even something like stained glass. The Garnet light boards are the perfect fit for people such as lift manufacturers or furniture designers who require a bright and evenly lit light source within a limited space."

The Garnet is an 8mm deep aluminium 'C' shaped profile into which rigid LED strips are mounted and direct

light across the acrylic to produce the finest shadow free illumination possible. A range of colour temperatures from warm to cool white are available plus RGB colour changing LEDs and various dimming options.

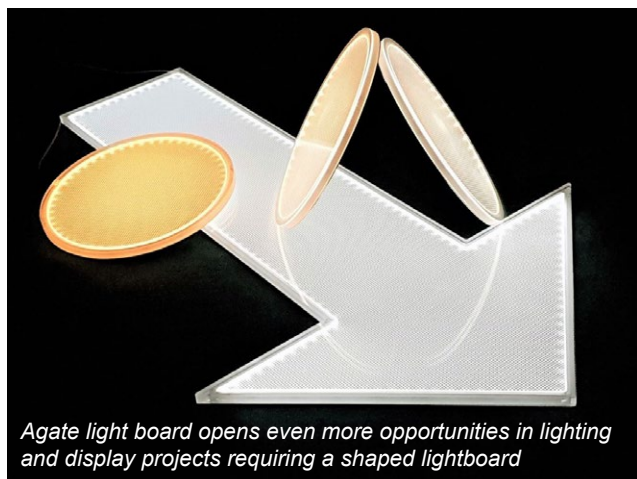
New embedded LED light boards for shaped designs

"Rigid Aluminium frames can be restrictive in the creation of bespoke shapes such as a curved or arched or odd shapes are required. Our edge-lit solution to this is to cut a channel recess into the back of the 5.8mm thickness acrylic sheet and slot in flexible LED close up to the perimeter edge," explains Jaeger.

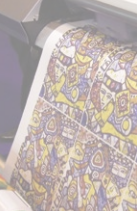
He continues, "We have branded this board Agate and is available in 12V only. This new edge-lit product opens even more opportunities in lighting and display projects requiring a shaped lightboard from 75mm diameter up to 1200 x 2400mm. The light board can also have internal holes and cut-outs by CNC or laser inserted during manufacture."

Tony Jaeger concludes, "Competitive pricing and a fast turnaround of two to three weeks or less are also key to our product offerings. We provide help and guidance at product concept, produce one-off units and offer quantity discounts for volume orders."

www.artillus.com



Agate light board opens even more opportunities in lighting and display projects requiring a shaped lightboard



Illumination Feature

The importance of lumens per watt when choosing LED sign lighting products



Vision Lighting focuses on premium components that are long-lasting and highly efficient

There is an abundance of LED products available to purchase, and with the UK Governments upcoming halogen bulb ban in September, and a worsening global warming crisis, choosing high-efficiency LED lighting systems has never been more important. High-efficiency LED lighting contributes to reducing global carbon emissions and cutting energy bills for end-users. However, with so many LED products available, it could be difficult to know which ones are the most economical and energy-efficient.

We spoke to Dan Bagga, Managing Director of Vision Lighting, a manufacturer and supplier of sign lighting products located in Leeds, West Yorkshire to shed some light on identifying the best lighting products to use in signage lighting. "Vision Lighting is committed to quality and the continuous improvement of products and processes, having gained ISO 9001 UKAS accredited certification for Quality Management in 2019. Vision Lighting believes that delivering quality, effective lighting products consistently extends beyond delivering to a high standard of workmanship. Delivering a quality product means having premium

components that are long-lasting and are highly efficient."

What is Lumens Per Watt?

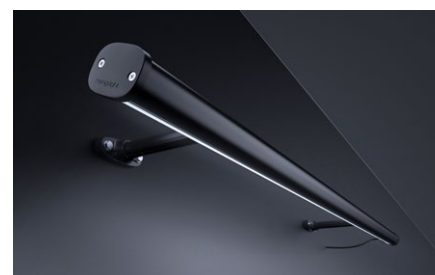
Bagga adds, "Lumens per Watt (Lm/W) is a key metric to look out for when choosing which LED lighting products are the most energy-efficient because Lm/W measures how much light is emitted from an LED light source in comparison to the operating power consumption of the product. In short, the more Lumens per Watt an LED light produces, the more energy-efficient it is.

"For example, a 60W fluorescent bulb with an efficiency of 15 Lm/W would output 900 Lumens in total. However, a 10W LED bulb with an efficiency of 100 Lm/W would output 1000 Lumens, giving the end-user more light for less power and therefore emitting fewer carbon emissions."

Signmakers should consider this metric when choosing lighting products to purchase for shop signage, pubs, hotels and homes because buying decisions collectively across the industry can have a profound environmental impact.

Lighting accounts for a substantial amount of the worlds electricity consumption, and in the UK alone, illuminated signs are estimated to account for 13% of lighting industry revenues. It's therefore critical that buyers consider the potential environmental impact of the lighting products they purchase.

LED technology has seen significant advancements from early LED lights which had an energy efficiency of around 70–80 Lumens per Watt. Today, it is common to find LED products on the market that operate at 100–110 Lumens per Watt energy efficiency, and some more premium LED products would operate around 120 to 130 Lumens per Watt.



Which sign lighting products have high energy-efficiency?

There are various sign lighting products available to buy, LED trough lights for example are a popular lighting solution used to illuminate signage, however, most use readily available LED technology. "Although Nanolight, an LED trough light produced exclusively by Vision Lighting in Leeds, operates at an industry-leading 190 Lumens per Watt. This means that Nanolight can deliver 2185 Lumens per metre from the very low 11.5 Watts per metre power consumption, placing Nanolight at the forefront of the market, unrivalled for energy efficiency and brightness," says Bagga.

He continues, "To compare, the next best product available to buy from competitors operates at 114 Lumens per Watt, meaning to achieve the same brightness level as Nanolight, competitors would need to increase power consumption to 19 Watts per meter, making Nanolight up to 70% more efficient compared to competitors. Nanolight, therefore, helps businesses to cut carbon emissions and electricity bills for end users without compromising on the light quality."



Vision's trough lighting system in action

Dan Bagga concludes, "With high quality, high-efficiency custom LED technology unique to Vision Lighting, premium Tridonic LED drivers, and a lighting profile sealed to IP66, Nanolight is a long-term, energy-efficient lighting solution built to last. Most importantly, the end-user

benefits from having brightly illuminated signs, that stand out from competitors, for less cost because Nanolight is the brightest, most efficient, and most waterproof sign light available in the UK."

www.vision-lighting.co.uk



LED technology has seen significant advancements from early LED lights



mercury phillips

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DESIGN | FABRICATION | INSTALLATION

2021 Price List

ACRYLIC PERSPEX® Colours add 10% for Gold & Silver

£20 + VAT minimum charge + carriage

| Height | 75mm | 100mm | 125mm | 150mm | 175mm | 200mm | 225mm | 250mm | 275mm | 300mm | 350mm | 400mm | 450mm | 500mm | 550mm | 600mm | 700mm | 800mm | 900mm | 1200mm |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 3mm | 1.17 | 1.46 | 1.62 | 1.92 | 2.28 | 3.04 | 3.82 | 4.07 | 4.74 | 5.72 | 8.67 | 9.40 | 10.57 | 11.89 | 14.54 | 16.83 | 22.46 | 39.04 | 48.77 | 59.28 |
| 5mm | 1.56 | 1.98 | 2.34 | 2.88 | 3.62 | 4.40 | 5.38 | 7.00 | 8.19 | 9.53 | 11.11 | 12.70 | 15.24 | 18.42 | 21.26 | 22.87 | 29.86 | 30.11 | 57.16 | 73.61 |
| 10mm | 2.84 | 3.40 | 4.49 | 5.58 | 6.96 | 8.91 | 10.67 | 14.97 | 16.21 | 19.65 | 22.51 | 26.83 | 30.57 | 35.56 | 39.92 | 44.91 | 62.38 | 91.08 | 117.27 | 151.58 |

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

£20 + VAT minimum charge + carriage

| Height | 75mm | 100mm | 125mm | 150mm | 175mm | 200mm | 225mm | 250mm | 275mm | 300mm | 350mm | 400mm | 450mm | 500mm | 550mm | 600mm | 700mm | 800mm | 900mm | 1200mm |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 3mm | 1.28 | 1.87 | 1.97 | 2.13 | 2.30 | 2.67 | 3.37 | 4.06 | 4.59 | 5.13 | 6.60 | 8.13 | 9.20 | 9.89 | 11.85 | 13.97 | 18.56 | 29.17 | 33.59 | 38.25 |
| 5mm | 1.35 | 1.85 | 2.29 | 2.81 | 3.39 | 3.99 | 4.57 | 5.03 | 5.84 | 6.65 | 8.29 | 9.74 | 11.08 | 11.81 | 13.73 | 15.65 | 24.37 | 33.23 | 36.92 | 40.47 |
| 10mm | 1.70 | 1.98 | 2.70 | 3.74 | 4.37 | 5.04 | 6.19 | 7.20 | 8.22 | 9.15 | 11.02 | 13.10 | 15.60 | 17.16 | 19.24 | 22.36 | 27.04 | 31.20 | 47.32 | 56.00 |
| 19mm | 2.80 | 3.95 | 4.58 | 4.99 | 6.66 | 7.80 | 9.36 | 10.92 | 13.21 | 15.50 | 16.64 | 19.44 | 22.36 | 24.75 | 26.83 | 30.16 | 38.48 | 41.60 | 55.64 | 84.50 |

3mm ALUMINIUM COMPOSITE (Dibond, Alupanel)

£20 + VAT minimum charge + carriage

| Height | 75mm | 100mm | 125mm | 150mm | 175mm | 200mm | 225mm | 250mm | 275mm | 300mm | 350mm | 400mm | 450mm | 500mm | 550mm | 600mm | 700mm | 800mm | 900mm | 1200mm |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Coloured | 1.93 | 2.48 | 3.09 | 3.65 | 4.32 | 5.57 | 6.80 | 8.15 | 9.39 | 10.43 | 12.68 | 14.21 | 17.30 | 19.78 | 21.01 | 25.33 | 30.28 | 43.26 | 56.86 | 77.87 |
| Mirror (silver) | 2.58 | 3.24 | 4.49 | 5.62 | 7.30 | 8.99 | 10.11 | 12.36 | 15.17 | 17.98 | 19.66 | 22.47 | 26.40 | 29.78 | 31.46 | 36.52 | 42.70 | 53.37 | 57.30 | 108.43 |
| Mirror (gold) | 2.84 | 3.56 | 4.94 | 6.18 | 8.03 | 9.89 | 11.12 | 13.60 | 16.69 | 19.78 | 21.63 | 24.72 | 29.04 | 32.76 | 34.61 | 40.17 | 46.97 | 58.71 | 63.03 | 119.27 |
| Brushed | 2.14 | 2.69 | 3.50 | 4.37 | 5.08 | 6.22 | 7.50 | 8.89 | 10.80 | 12.71 | 14.62 | 16.52 | 20.34 | 22.24 | 24.79 | 27.96 | 36.05 | 49.56 | 62.27 | 85.79 |

MILL FINISH ALUMINIUM (Comes in its raw form ready for coating)

£20 + VAT minimum charge + carriage

| Height | 50mm | 75mm | 100mm | 125mm | 150mm | 175mm | 200mm | 225mm | 250mm | 275mm | 300mm | 375mm | 425mm | 500mm | 600mm | 700mm |
|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2mm | 3.28 | 4.59 | 5.20 | 6.95 | 7.85 | 8.77 | 9.91 | 11.42 | 12.69 | 13.95 | 15.41 | 19.15 | 22.72 | 32.50 | 43.50 | 56.43 |
| 3mm | 3.84 | 5.34 | 6.11 | 7.50 | 8.65 | 9.67 | 10.81 | 12.34 | 13.80 | 15.90 | 17.75 | 22.76 | 27.22 | 38.03 | 53.42 | 79.20 |
| 5mm | 4.20 | 5.86 | 7.00 | 8.40 | 9.41 | 10.81 | 12.22 | 14.24 | 16.40 | 18.89 | 21.31 | 27.57 | 31.80 | 44.21 | 62.33 | 85.92 |

EXTERIOR MDF

£20 + VAT minimum charge + carriage

| Height | 50mm | 75mm | 100mm | 125mm | 150mm | 175mm | 200mm | 225mm | 250mm | 275mm | 300mm | 375mm | 425mm | 500mm | 600mm | 700mm |
|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 6mm | 0.58 | 1.10 | 1.72 | 1.92 | 2.84 | 2.99 | 3.47 | 4.15 | 4.78 | 5.67 | 7.25 | 10.24 | 11.81 | 13.39 | 15.70 | 47.78 |
| 12mm | | 1.90 | 2.23 | 3.11 | 4.46 | 5.15 | 5.99 | 6.74 | 8.03 | 10.08 | 11.03 | 12.81 | 15.23 | 18.48 | 20.74 | 62.95 |
| 18mm | | 2.70 | 3.42 | 4.46 | 5.57 | 6.77 | 8.35 | 9.35 | 11.60 | 13.39 | 15.96 | 18.27 | 22.31 | 24.05 | 31.45 | 94.11 |

MOULDED ACRYLIC LETTERING (Includes locators and paper template)

| Height | 152mm | 203mm | 254mm | 305mm | 380mm | 457mm | 610mm |
|----------|-------|-------|-------|-------|-------|-------|-------|
| Colours* | 7.12 | 10.70 | 16.82 | 18.39 | 24.94 | 29.56 | 51.91 |

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|-------------|---------|---------|
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| 2750 x 750 | £135.62 | £169.10 |
| 4000 x 1000 | £202.52 | £239.28 |



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Briggs Signs chooses SignBlock for diverse applications

"When it comes to making a lightweight, yet durable 3D sign, SIGNBLOCK is my first go to product" says Sam. "I love the way it cuts and how easy it is to finish. It's so versatile and allows you to create 3D shapes you would otherwise struggle to create out of other materials and as you can paint finish it, you can make it look like something much heavier such as the huge nut and bolt I did last year."

The Nut and Bolt sign:



Sam explained that he "used a 45 degree router cutter to get the bevel on it, and then cut it out afterwards with an 8mm cutter. Each thread of the bolt was cut from 38mm sheets glued together."

"The bolt head is three 38mm pieces glued together. You don't see the joins because you glue them together, sand it down and then spray it with plastic primer, which fills the pores and stops it absorbing the normal automotive paint which is sprayed on."

Illuminated 3D signs for Sabur:

When Briggs Signs was approached by one of their good customers, Sabur for some eye catching illuminated 3D signs for their building, Sam Briggs chose Indasol's 75mm SignBlock mint grade 3D board for the project. Sam said "The mint grade is almost half the price of the peach grade."



It is more porous but the pores won't be visible unless the product is really in front of someone. After it's cut and sanded, it is primed and then painted with automotive paint."

Built up Letters:

Sam continued "A recent project was making built-up letters with 50mm returns using 50mm sheet of SignBlock. Sam did this with 1 pass with with an 8mm

cutter, cutting down to 49mm and then did another 2 passes with a 4mm cutter afterwards to tighten the edges and therefore reduce the radius of the inner corners which is only necessary when the font requires it i.e. in the letter 't' you can see right angles. The reason for 2 passes was that the 4mm cutter has a cutting depth of 38mm despite having a 60mm shank. Therefore the first pass cut down to about 25-30 mm, and then the 2nd pass cut down to 51mm to go through the material."



When asked why he didn't do it straight off with a 4mm, Sam said he "used an 8mm first to get rid of most of the excess material and then went round with a 4mm cutter doing a 0.5mm skim, also the 4mm only comes in a 38mm cut (depth)." The 4mm cutter has a 60mm length shank.

SignBlock is a plastic derivative made from polyurethane, commonly referred to as High Density Urethane Foam (HDU). It comes in a range of sheet thicknesses and two densities. Sam has worked with both and understands which performs best for each application. 'If the sign is going be low level or has a lot of intricate detail, then I go for the heavier peach grade, but for most exterior signs the mint product is perfect'.

www.indasol.co.uk/signmakers

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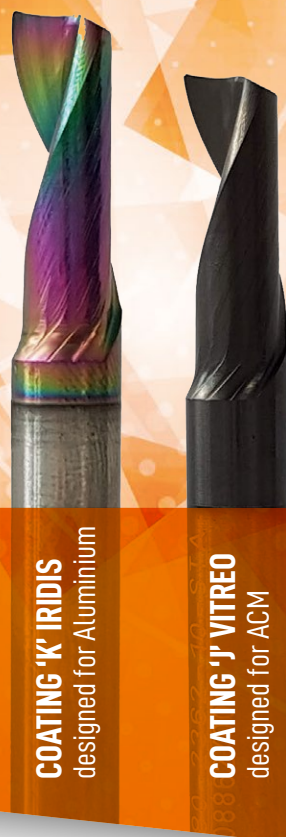
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Stylish demonstration of interior graphics

Using Coala WallDesign NW, multi-award-winning sign and graphics company John Young Group has transformed their premises showcasing their ability to renovate interior spaces.

The John Young Group is an international company with a reputation for the best service, highest quality and most innovative designs. Based in Scotland and London they are renowned for the production of signage, vehicle graphics, banners, POS, lettering, lightboxes and much more.



Produced using a Roland SG2-540 wide format printer the new rooms include a converted hallway and landing into an impressive castle interior and a whiskey and a snooker themed room.

Antalis has a growing range of interior decoration substrates, from wallpaper, floor and window graphics to textiles and self-adhesive interior films. Coala WallDesign NW offers a cost-effective

solution to allow a change via upcycling interior environments with a high quality, durable and beautiful result. Coala WallDesign NW Leather is a 350gsm non-woven backed wallpaper with a leather texture—it is Ideal for long-term, durable wallcoverings. Leather is just one of several textures available in the Coala WallDesign NW range.

Find out more at www.antalis.co.uk

Embracing the need for many offices, retail and hospitality venues to refresh and renew after the recent pandemic, John Young has converted their own premises into an inspiring showroom which superbly demonstrates the capability of using Coala WallDesign NW Leather, a wallcovering available from Antalis.

John Young, CEO of John Young Group says: "At a time when many businesses are looking at ways to save costs, they also understand the need to create a new environment and culture. One of the best – and most cost-effective – ways to achieve this is using printable interior decoration, that is easy to apply and update. By printing onto Coala WallDesign NW we have shown how any space or area can be transformed relatively quickly."



ITC gives 'cutting edge' to Game of Thrones

Cutting Edge Designs is credited for designing, machining and delivering unique projects for some of the most recognised brands in the world. When the first Tekcel routing machine was installed more than 15 years ago, the company turned to Tamworth based ITC for not only its industry-leading cutting tools but also the technical support and service that is second to none.

Commenting upon the Northern Ireland company's journey, Founder and Managing Director, Mr David Hogg recalls: "Prior to starting the business, I worked at the sign-making factory that was using ITC cutting tools, so I was already aware of the range of products and services available.

Two prestigious projects the company has worked on include the Game of Thrones television series and the Burning Temple for artist David Best – all machined with ITC cutting tools.

Burning Temple

In Derry, there has been an annual tradition for more than 40 years of burning bonfires – and in the process, Protestants, Catholics and the IRA would leave both their weapons and grievances outside, enter with respect and greet each other – ready to move on.

Working with show organisers Artichoke and David Best, Cutting Edge Designs was commissioned to cut 16 designs, each in a large quantity with over 1500 parts being cut from many of the 8 by 4ft sheets of birch wood. Employing all three of its routers to the project and a

variation of ITC cutting tools, Cutting Edge Designs estimates more than 400,000 cuts were made in the 3-month timeframe on this project. A video of the project can be viewed here: www.youtube.com/watch?v=SfqdLyl3Mgo

Game of Thrones

Unlike the Burning Temple that like its name suggests, was burnt to the ground, the small business also worked with HBO Studios and Tourism Ireland in the creation of beech wood doors for the sixth series of Game of Thrones TV – again, ITC was integral to this project. Produced from trees downed by Storm Gertrude in a location known as the Dark Hedges, Cutting Edge Designs was commissioned to produce 10 doors and each unique door incorporated designs, iconic symbols and references from the episodes. Receiving the artwork and 3D models, the subcontracting company converted the files into CAM models and applied ITC single flute routing tools and its Tekcel router to the task.

Commenting upon the doors, David says: "We decided on using an ITC 12mm diameter ball nose tool for our initial rough cutting. This removed the excess material, making it easier and more efficient for the smaller tools to do the finer details. A 90-degree woodcut angle was also implemented to prevent lifting or splitting of the wood along the grain. The rough-cut cycle took about 6 hours per door. Following this, we then utilised ITC's 3mm diameter ball nose to achieve all the important finer details, machining with a step-over rate of 0.2 to 0.3mm. This



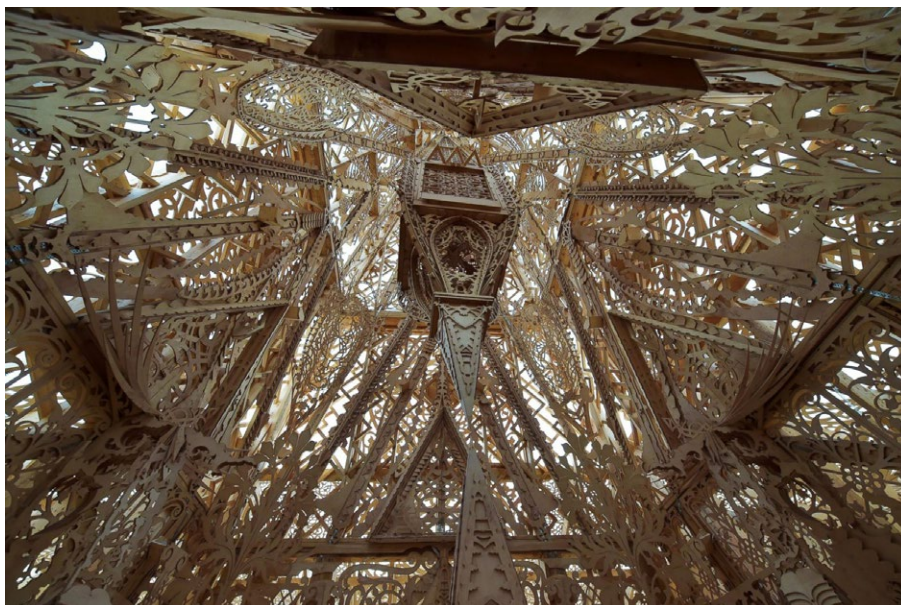
One of 10 beech wood doors

fine detail work took an average of 50 hours per door to complete. When each door was finish machined, it was sent to be sanded and professionally stained by one of Game of Thrones set painters. The project can be viewed via: www.cncrouterit.co.uk/game-of-thrones-doors



A 12mm diameter ball nose tool was used for the initial rough cutting.

For the majority of the machining, Cutting Edge Designs applied ITC's 180 Series of solid carbide tools as their ability to prolong tool life, perform at higher speeds and feeds and subsequently reduce cycle times is a huge benefit. For finish machining, the company applied ITC's 180-1181-10-A-XL single flute cutting tool, a 3mm diameter tool that demonstrates exceptional tool life and rigidity. This is credit to its reinforced 6mm diameter shank, 10mm length of cut and 30-degree helix geometry that is produced from an ultra-wear resistant micro-grain carbide.



The Burning Temple made with many 8 by 4ft sheets of birch wood

www.itc-ltd.co.uk

Drytac sets sail with Monkey Fist in Atlantic Dash extreme endurance challenge

Globe Print supplied Drytac Polar Grip Matte film for an intense endurance challenge which saw a team of four men row 3,200 miles non-stop across the Atlantic Ocean.

Drytac's Polar Grip Matte film was put to the ultimate test in the last couple of months when graphics printed on the material were featured on a boat crossing the Atlantic Ocean in an extreme endurance challenge.

A team of four men rowed, non-stop, for 3,200 miles from Lanzarote in the Canary Islands to the island of Antigua in the Caribbean, in a challenge dubbed the 'Atlantic Dash'. Skipper Billy Taylor was joined by Johnny Ward, Matthew Pritchard and Martin Heseltine for the journey, which took 50 days, 5 hours and 12 minutes.

Such was the extreme nature of the challenge that Monkey Fist Adventures, organiser of the event, relied on Drytac materials for support in decorating the boat with striking graphics that would be able to withstand the harsh environment out on the Atlantic Ocean.

Globe Print, a long-term user of Drytac products, took on the task of printing the graphics, having previously worked with Monkey Fist Adventures on one of its previous challenges. The Marlow-based company used a Roland SolJet EJ-640 large-format printer to print the graphics

on Drytac's Polar Grip film which was then paired with their Interlam Pro Emerytex overlaminates.

Polar Grip is a self-adhesive vinyl for digitally printed graphics and signs, designed to look vibrant and remain in place for up to five years, making it the ideal solution for such a testing project.

The graphics, featuring the many sponsors supporting the event, were applied to the boat on location in Lanzarote prior to the team setting off on their journey in early March, with the quartet making land in Antigua on 2nd May 2021.

"We've used other companies in the past, but on previous crossing we went to Globe Print, and apart from just being all round nice people, the Drytac products supplied were far superior to anything we'd ever used before," Barry said.

"Oceans are harsh on everything, but our sponsors—and their logos—remained solid and steadfast for the entirety of both the Atlantic Dash crossings.

"The Globe Print team went above and beyond to produce the printed graphics exceedingly quickly—as they knew we had very tight timeframes."

The latest Atlantic Dash challenge came about as the Monkey Fist Adventures team sought to restore some sort of normality

after Covid-19.

Alex Mason, co-founder of Monkey Fist Adventures, had not seen her mother in more than a year due to the pandemic, while Billy Taylor, another co-founder who skippered the Atlantic Dash, had to endure his partner contracting Covid-19 while working on the frontline for the NHS. Barry Hayes suffered with mental health issues during the pandemic but was thankfully able to access the right support.

"After having to go through so many challenges and tough times over the past 12 months, we wanted to get back to doing what we do best, so we created an ocean row to try and reset the balance—and the Atlantic Dash was born," Barry says.

The Atlantic Dash has raised more than £8,000 for two very worthy causes: HUMEN, a movement to improve and maintain men's mental health; and Dean Farm Trust, an organisation committed to working for a sustainable, healthy and cruelty-free planet. This was less than hoped for, but with the constraints of Covid-19 it became somewhat challenging for fundraising to be as effective.

"However, the major goal of the Atlantic Dash was to get people talking about their mental health and it absolutely worked!" Barry concludes.

www.drytac.co.uk



Liberty Signs and Innotech Digital do Manchester proud

The Manchester International Festival launched in 2007 is an artist-led festival presenting new works from across the spectrum of performing arts, visual arts and popular culture. For 2021 Berlin-based artist Christine Sun Kim created *Captioning a City*—a series of statements to help trigger memories, emotions and sensations as people enjoy spending time in the city. These captions are not on TVs and monitors, but installed on streets and buildings in vast proportions all across the city that can be discovered intentionally or even by chance.

In total, the captions are made up of more than 900m of PVC-free, fully recyclable material supplied by Innotech Digital and printed and installed by local Manchester-based print and display company, Liberty Signs. This was a mammoth, hugely time-sensitive project that was printed and prepared over 5 days and installed over a few nights at 23 locations across Manchester.

Will Smith, owner of Liberty Signs says, "This was a landmark project for the City of Manchester and also for Liberty Signs. As printed display projects go, this one is about as big as it gets and we were determined to show the organisers that as a company we had the professionalism, capacity and capability to deliver a first-class solution that met the high standards required by MIF. We had plenty of challenges to overcome and it was certainly tough, but the team worked

tirelessly to ensure we delivered on time and to the quality the project demanded."

Need for a sustainable solution

An important element of the project was the sheer volume of material that would be required for the job. The captions were to be installed on internal windows, external windows and also external brickwork. This presented a broad range of challenges, but one key element was the amount of product that would have ended up in landfill had they used vinyl. "This was a government funded project, so being as sustainable as possible was crucial," says Will, adding, "We encouraged MIF to consider using only PVC-free materials that could be fully recycled. This is where Innotech really helped us. They have an excellent and broad range of PVC-free materials and they worked hard to ensure we had everything we needed in terms of samples and swatches to present to MIF and help us select the right products for the project."

He continues, "We had not used PVC-free products before and Innotech's advice and support was invaluable in demonstrating the breadth and capability of the range and in dealing with the recycling. In the end we recommended three different products. Innotech's Vistamax Cling PET static cling film for the internal windows, Vistamax PVC Free Blockout PET Semi-Permanent White Matt Vinyl block out film for external windows and Vistamax PVC Free PP High



Tack White Matt Greyback Vinyl for the external brickwork installations. The fact that Innotech could provide all of these products themselves was a big plus for us, especially with the support they provided."

Another important issue for the organisers was ensuring the material did not damage the windows and buildings it was being installed on. Will explains, "Normally we would apply the material and then heat the edges to ensure it stays in place, but this could have been risky in terms of damage to the buildings. The installation is only up for three weeks and Innotech demonstrated that their high tack material would not lose adherence in that time. Helping us show why these products were best suited for the project was key to winning the contract."

Production and installation

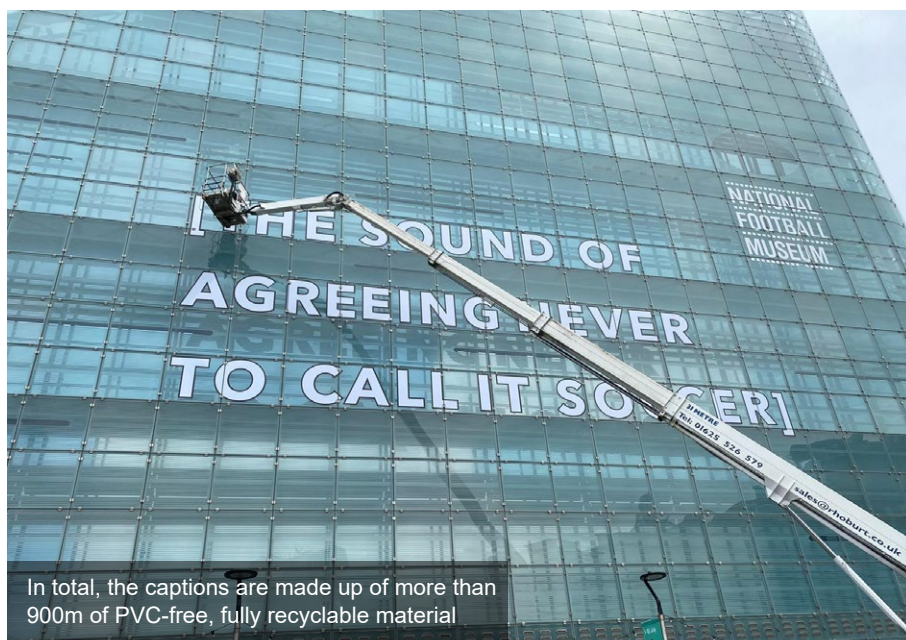
With a tight deadline looming, and 100s of metres of print to be produced, permission from the buildings to go ahead and do the installation was given with just five days to spare. "It would have been great to have more time but we are well used to working under pressure and we didn't let this phase us. We worked massive shifts and were all hands (and more) on deck to get the printing done in time to ready for the pre-show launch event at the National Football Museum. This was the largest installation with 90 metres of output applied to the building. The remaining installations were mostly done over night ready for the 1st July start of the Festival," says Will.

He adds, "Since installation, our role has been to maintain the displays. There has been a small amount of graffiti or other damage and we have always responded immediately to sort it out and put things right."

Working closely together, Liberty Signs and Innotech Digital have delivered one of the largest signage projects of the year, using nothing but fully recyclable, PVC-free media.

www.innotechdigital.com

www.libertysigns.co.uk



In total, the captions are made up of more than 900m of PVC-free, fully recyclable material

Links Signs and Drytac bring football home with London Underground installations

Hastings-based signage and large-format print business Links Signs recently used Drytac Polar Grip to create a series of eye-catching graphics at five London Underground stations to celebrate this year's Euro 2020 national team football tournament.

Euro 2020 had been due to take place last year but was delayed until this year due to the pandemic. The tournament is a special edition of the quadrennial competition, with matches taking place at locations right across Europe, as opposed to the traditional set-up in one country.

Wembley Stadium was one of the venues selected to host games, and to mark this special occasion, Transport for London (TfL) approached Links Signs to produce a series of themed graphics to accompany fans as they travelled across London to the stadium.

Graphics were installed at King's Cross and Paddington—two of London's busiest terminus stations—as well as Baker Street, London Bridge and Wembley Park, the latter being where fans exit the train to walk down the famous Wembley Way to the stadium.

Links Signs, an accredited printer and installer for TfL, worked with the commercial team at TfL and its agency to create a series of innovative and attention-grabbing graphics that provided unique photo opportunities for fans. Prior to installation, Links Signs met with the graphics agency at the proposed sites to advise on the best fit solution for the extensive, multi-site project.

The project included wall graphics at Kings



Cross and Paddington that mimicked the players' tunnel at Wembley Stadium, as well as football pitch floor graphics and a design that integrated existing seating at the station to give the effect that fans were sat in the stadium dugouts.

All the Euro 2020 graphics were printed on Drytac Polar Grip polymeric self-adhesive vinyl, paired with Drytac Interlam Pro Emerytex which is fully approved by TfL and carries all the required fire and slip certifications and ratings for public spaces.

Links Signs used an HP Latex 570, installed 18 months ago, to print the graphics onto the vinyl and carried out installation of all the graphics over a period of five nights, in time for the start of the tournament on June 11.

Paul Cox, Operations Manager at Link Signs, said Drytac Polar Grip was the ideal solution for the job as it is approved for use in projects on the London Underground, adding that the product delivered outstanding results across the series of graphics.



"When working on projects for London Underground, we cannot use any materials that are not approved," Paul Cox said. "Drytac is not only approved, but also an incredibly stable and reliable product that can be easily applied."

"We really liked working with the Drytac vinyl; it delivered exactly what it promised, and we will be looking to work with it on other projects we produce for TfL."

www.drytac.com



Sustainable print in action: HP explains the technology behind Latex ink

Thom Brown, HP's Chief Inkologist, discusses HP Latex: what it is; how it works; and what are the key benefits.

HP has refined its Latex technology over the last decade to meet the demands of Print Service Providers (PSPs) which, according to a great deal of research with both existing HP users and other non-HP customers, boils down to turning around sellable, consistent output quickly. This doesn't just mean fast printer speeds with no failures on standard substrates; it also means producing everything the end-user market wants. Environmental consciousness and material diversity are the boxes being ticked by print buyers more and more often—which is where HP Latex comes in. But what is it, how does it work and what are the benefits for wide-format print and signage businesses?

The science of HP Latex

HP Latex is a water-based ink technology, meaning up to 70% of the ink formula is water. The latest water-based HP Latex inks are designed to avoid the hazards associated with other inks. This ink formula is combined with wetting agents and humectants needed for printhead reliability (which, incidentally, your HP home printer also uses) to produce a liquid ink vehicle that carries latex polymer and pigment particles to and through the printer's printheads onto the substrate. Radiant heat and forced airflow evaporate the liquid and set the latex, binding the pigments and substrate together to leave a durable image on the print media surface. Prints are ready to use, even laminate, immediately.

Environmental and health credentials

HP is committed to making a positive, enduring impact by protecting the planet, supporting our people, and strengthening communities where we live, work, and do business. Take for example the water-based formulation of HP Latex; this technology transformed the industry years ago, and every new generation has continued to push further.

HP Latex is designed for sustainable impact and is further backed by numerous eco-labels and certifications; we work together with industry-wide associations to make sure we offer the best for our customers.

The most recent HP Latex inks are UL ECOLOGO certified, meeting stringent health and environmental criteria, including toy safety requirements.

All HP Latex Inks also achieve GREENGUARD GOLD certification at the unrestricted level. This certification proves that a product has very low emissions—even at full room coverage—and low enough to be used in sensitive environments such as schools and hospitals. This is a benefit for PSPs wishing to sell to these markets and for their employees too: HP Latex printers have no special ventilation requirements, and HP Latex ink produces odourless prints. This often proves to be a challenge for other ink technologies.

Thanks to the water-based formulation, the latest HP Latex inks makes these products an ideal, no hazard label alternative to UV, UV Gel, Solvent, and Eco-Solvent inks.

One-stop shop

Businesses that offer a wide range of products can potentially reach more customers—and cost-effectively—if they are able to do so using the same equipment. Latex inks are suitable for direct-to-substrate printing onto a lengthy list of materials, with many media certified for use by manufacturers and suppliers around the world. Signage applications include retail displays, outdoor signage, window graphics, vehicle wraps, event and exhibition displays, soft signage, stickers and decals, clothing and backlights.

In the decor market Latex is also used successfully for fade-resistant window blinds, canvases, wall coverings, PVC flooring and textiles including synthetic leather. This ingrained compatibility also enables PSPs to use alternative substrates with certain environmental

attributes into their ranges: reclaimed wood, FSC-certified sustainable papers, PVC-free materials and textiles, for instance. The online HP Media Locator can help identify eco-conscious media to best meet any PSP's requirements.

Finally, HP has now expanded the versatility and opportunity for its printers even more with the introduction of white HP Latex ink for use in its systems.

Quick turnaround

The HP Latex R2000 Plus, the largest of HP's new Latex series printers, can print at speeds of up to 43m²/h, or 14 boards, in indoor (100%) production mode and 86m²/h, or 28 boards, in outdoor (70%) mode. However, turnaround is not just about how fast this stage is completed; HP printers' heating units warm up quickly and dry prints as soon as they are printed, with air recirculated to boost operating efficiency.

Cleaning is automated and daily maintenance is minimised, while HP-branded media and generic media profiles are pre-loaded in the software to cut the time operators spend on these processes too. Complementary cutting systems have also been developed to work with Latex printers in an intuitive solution.

While arguably the most important part of an HP Latex set-up is its water-based ink, it is critical that every part of the solution must work together to achieve the results, versatility and environmental credentials demanded by customers.

The company's latest goals continue to drive towards a net zero carbon, circular economy, and net zero deforestation, with the ambition to become the world's most sustainable and just technology company.



nanolight



The Brightest, Most Efficient, Most Waterproof LED Trough Light In The UK Has Just Got Better... Introducing The New Quick-Fix Pro Bracket

Nanolight just got faster and easier to install in more ways than ever before. Having precision-designed fixing brackets for trough lights is key to ensuring the install is secure. That's why we have designed a new range of Quick-Fix Brackets to ensure a fast, flexible, and secure installation experience for signage installation teams across the UK. Our attention to detail ensures the bracket designs match the aesthetic of Nanolight while guaranteeing the full functionality of the new tool-free spring clip fixing method.

The Newest Member of the Quick-Fix Bracket Family

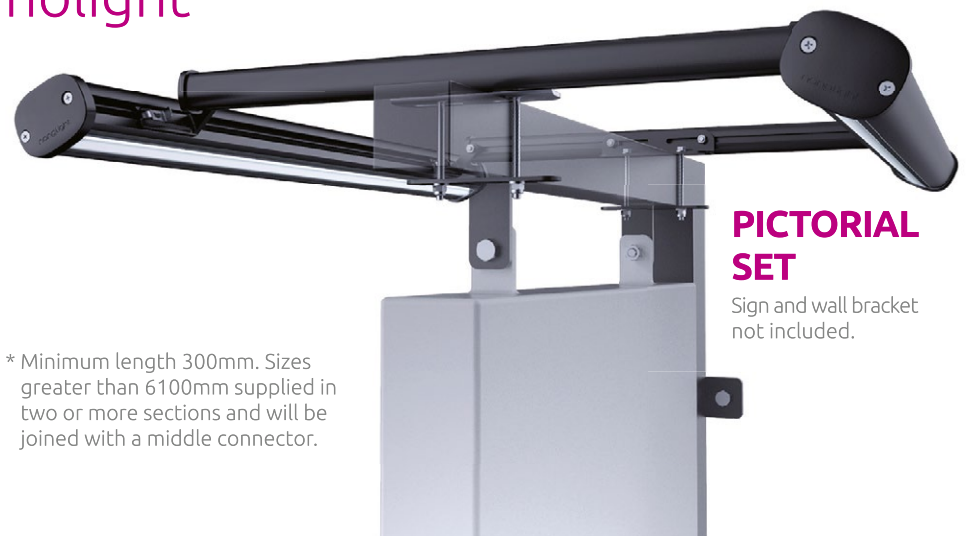


THE QUICK-FIX PRO BRACKET

- Tool-free install – No nuts and bolts
- Simply slide the spring clip over the knuckle
- Full flexibility on site
- 5-way adjustability
- Horizontal and Vertical Orientations

Key Features of Nanolight

- Sections up to 6100mm
- Manufactured to any length*
- 11.5 Watts per metre
- 190 Lumens per Watt
- 2185 Lumens per metre
- IP66 Waterproof
- Quick-Fix Brackets
- 5 year parts warranty



PICTORIAL SET

Sign and wall bracket not included.

* Minimum length 300mm. Sizes greater than 6100mm supplied in two or more sections and will be joined with a middle connector.

Why Choose Nanolight for your LED trough light solution?

THE MOST WATERPROOF AND DUSTPROOF

Nanolight is the only trough light rated IP66 in the UK.

THE MOST EFFICIENT

High-efficiency LED strip technology operates at 190 Lumens per Watt, the highest efficiency available anywhere on the market.

THE BRIGHTEST

Nanolight outputs 2185 lumens from only 11.5 Watts per metre.

YOU SAVE MONEY

Quick to install, zero maintenance and lowest energy consumption.

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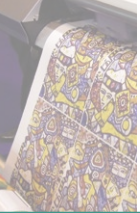


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Print & Cut Feature

Latest Developments in Print & Cut Technology

Printing and cutting go together as well as any pairing in our industry. This feature looks at the various options for producing stickers, decals, wallpapers and anything else that requires specialist cutting after the print. Whether this is in an integrated machine like the Mimaki CJV range, or separate printer and cutter – we look at what's on offer for sign-makers in this technology.

Mimaki's CJV Series

In addition to a broad portfolio of standalone printers and cutting plotters, Mimaki sports an enviable selection of integrated models, that combine space saving design with seamless print and cut workflow. Available in a range of sizes, at competitive price points and with choices to suit multiple productivity requirements, Mimaki's CJV range of solvent printer/cutters and UCJV LED UV models are innovative, market leading and hugely popular solutions.

Available in four widths and at two levels of productivity, the Mimaki CJV Series of integrated printer/cutters seamlessly combines high quality print output with intuitive and creative cutting capabilities.

Martin Southworth, Reseller Account Manager for Mimaki's exclusive UK and Ireland distributor, Hybrid Services, explains, "The Mimaki CJV150 Series combines entry level pricing with an advanced feature set. With four different widths available – ranging from 80cm to 160cm – the CJV150 starts at just £6,995 with all models in the range sharing the same onboard Core Technologies, printheads and ink choices. Designed to ease workflow and deliver superior quality output, Mimaki's Core Technologies automate processes and ensure the smooth running of the printer, reducing wastage and optimising output quality."

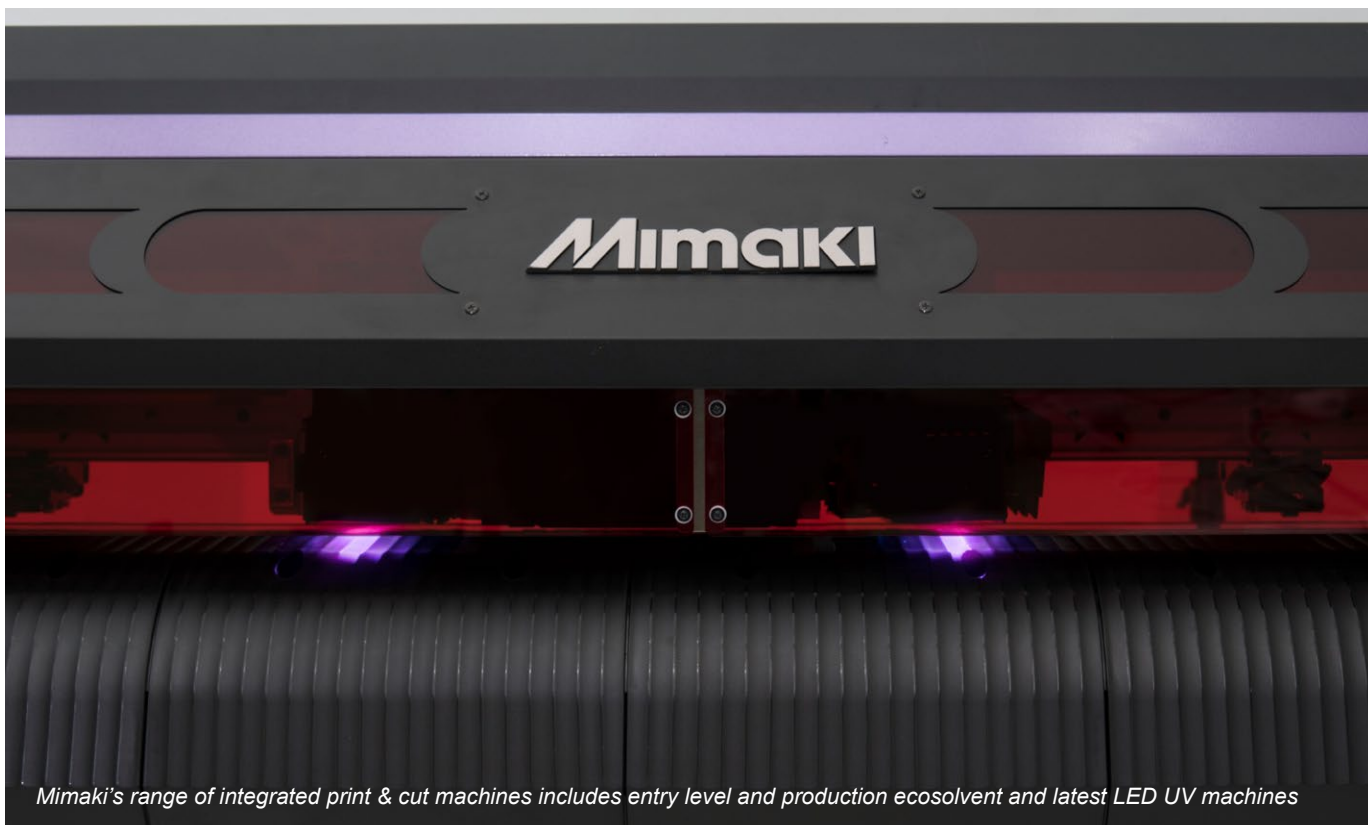
High Pantone Coverage

Mimaki's popular, vibrant and Greenguard Gold certified SS21 solvent ink set is capable of achieving almost 95% Pantone coverage onto a huge range of materials. With high scratch resistance and long-lasting outdoor durability, it's a proven solution for sign makers producing the full gamut of wide format print and cut applications.

"Incorporating standard CMYK (and light versions of the cyan, magenta and black), the ink set also includes a spot orange that allows print providers to hit the most challenging of corporate colours. White and silver inks are also available to enable highly creative and premium prints to be produced for applications such as window graphics, high end labels and décor," says Southworth.

Maximising Productivity

The included, powered take-up device features across all four sizes to aid long, unattended print runs and Mimaki's Uninterrupted Ink Supply System automatically switches expired cartridges when running in four colour mode in order to maximise productivity. He continues, "With Mimaki's feature-rich and easy to use RasterLink RIP software and FineCut cutting plugin also included, it's a high value package that is equally at home in a start-up business as it is at adding productivity and creativity to established sign and graphics companies."



Mimaki's range of integrated print & cut machines includes entry level and production ecosolvent and latest LED UV machines

Production solvent and new UV solutions from Mimaki



Mimaki CJV300 for premium quality

Mimaki CJV300 Series

For businesses looking for even higher volume print and cut capabilities, the Mimaki CJV300-160Plus incorporates all of the CJV150's features and more into a high capacity solution capable of printing at speeds of over 100sq m/h. "Making use of the quick drying, high gamut Mimaki SS21 inkset, the CJV300Plus is a 1.6m wide solvent printer/cutter ideally suited to delivering premium quality, wide format output ranging from vehicle graphics and banners to intricate labels and decals," adds Southworth.

Reusable eco-cases for 600ml CMYK ink packs are now available for Mimaki SS21 solvent inks. As well as helping decrease plastic waste, the new eco-cases reduce ink costs when compared to the 440ml cartridges, and this can be reduced even further by using the Mimaki Bulk Ink System with 2 litre ink sacks.

Spectacular colours, accurately recreated

The Mimaki CJV300-160Plus offers 8-colour configuration with SS21 inks (CMYK, Light Cyan, Light Magenta, Light Black and Orange), which enables printing up to 95% of the Pantone Coated range. The Mimaki Rasterlink6 Plus RIP also supports Orange as a spot colour and with a substantial range of ICC profiles available for download, printed colours can be accurately matched.

Mimaki's unique Core Technologies ensure unattended continuous printing operation combined with the very highest image quality. Southworth explains, "Stable production is enhanced through automated nozzle checking and replacement functions, and premium output ensured through a range of onboard functions that control dot placement, waveform control and positioning of ink drops in adjacent passes. All this adds up to high quality results at faster speeds, reduced wastage and significant advances in unattended operation, allowing operators to carry out other tasks whilst print and cut jobs are performed automatically."

New UV print & cut solution

The 1.6m wide Mimaki UCJV300-160 is Mimaki's flagship LED UV printer/cutter, combining decades of print and cut experience with the opportunities created through the use of Mimaki's LED UV ink. "Extending print capabilities to include applications such as fabric light boxes, durable floor graphics, creative point of sale, clear window film and other innovative substrates, the UCJV300 is a highly capable, flexible and versatile sign and graphics system," he says, adding, "Currently on offer at just £19,995 after trade-in, the UCJV300-160 ships with Mimaki's latest RasterLink RIP and FineCut cutting plugin for popular design software packages."

Unique advantages of LED UV ink

LED UV printing offers unique advantages whereby the ink remains on the surface of the media when printed and is immediately cured, resulting in a larger range of materials being suitable for printing to.

Suitable for use in the UCJV300, Mimaki's LUS-170 LED UV ink is nickel-free, has low VOCs, high colour density, scratch and chemical resistance and is Greenguard Gold certified. With its bright and dense white ink, the Mimaki UCJV300 can also print to coloured and clear substrates, delivering punchy colours and creative effects.

Making Print & Cut easier than ever before

Mimaki's new ID Cut function has been designed to enable printer operators to contour cut multiple jobs with minimal intervention. Offering trouble-free, automatic cutting of consecutive jobs, it saves time and reduces potential material waste.

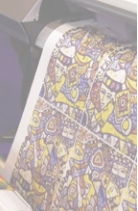
An ID barcode is printed through the RasterLink RIP along with the image, with the code including cutting and rotation information. The crop mark sensor reads the ID code and automatically executes cutting, ensuring all alignment and rotational requirements are observed.

Martin Southworth concludes, "One of the biggest reasons for the popularity of the UCJV300 is that printed output is instantly dry, making it possible to laminate and/or cut immediately after printing. This results in significant workflow timesaving over alternative ink types, aiding productivity and throughput, so prints can be finished, packed and shipped faster, with minimal downtime between processes."

www.hybridservices.co.uk



Output from the new UCJV300 is instantly dry



Print & Cut Feature

Designed by perfectionists—for perfectionists

Introducing the VersaUV LEC2 Series

Taking UV print and cut to another level, the VersaUV LEC2-330/640 delivers high UV print quality, accurate colour reproduction, integrated precision cutting and extensive media compatibility.

Rob Goleniowski, head of sales UK & Ireland at Roland DG Europe (Wide Format), explains, "Designed for outdoor and indoor applications, these machines will appeal to printers looking to offer everything from labels and stickers to exhibition graphics, retail signage, display visuals, window graphics, and so much more."

He continues, "As an all-in-one solution, this device allows users to print, cut, die-cut, perforate, varnish and emboss on a single device, on-demand. Offering extensive media compatibility, the LEC2-330/640 can print on a variety of substrates including foils, BOPP, PE, PET film, window films, backlit, PVC, banner, and other materials.



Roland's print & cut range appeal to printers looking to offer everything from exhibition graphics, retail signage, display visuals, window graphics, and so much more

A valuable addition to your print room

What's more, using new UV-LED lamps and the latest ECO-UV EUV5 inks, this device can enable printers to deliver a fast turnaround on jobs, with prints instantly ready for finishing and installation. "These devices also offer the option for white ink, which is great for printing window applications and gloss ink—enabling users to generate a multitude of special textured effects, simulated embossing and spot

finishes. This increases the range of finishes you can offer your customers."

For those looking to increase the speed and efficiency of their print delivery while still offering a high-quality finish, the recently launched VersaUV LEC2-330/640 roll-to-roll printer/cutters could be a valuable new addition to any print room.

www.rolanddg.co.uk



Create spectacular displays with Roland's range of VersaUV LEC2-330/640 roll-to-roll printer/cutters

Testing UV Print & Cut with The Vinyl Guys

The new range of VersaUV LEC2 printer/cutters launched in January 2021, and The Vinyl Guys' Alex Liggett was fortunate enough to be one of the first to get his hands on a LEC2-640.

Like many sign and graphics specialists, Alex didn't believe that roll-to-roll UV printing was relevant to his business.

"I think people see it as something specialist – not something day-to-day." He says, "Until I got the chance to get hands-on with it, I probably wouldn't have let myself even consider it. After a week or so, I said to myself, 'I've got to have one of these machines!'"

Making customers take notice

One of the most notable features of UV printing is the ability to print clear ink and create outstanding gloss effects. For Alex, this was a key benefit for connecting with his followers on social media and generating new business.

"It's something that customers notice." He says, "By doing something different and putting it on Instagram, we've gained new customers that previously might have passed us by."

"It's not really about selling loads of matt gloss stickers – it's about getting out there, doing something different and capturing the interest of new customers. Once they've bought a set of matt gloss stickers, they come back for signage and vehicle graphics."



Intricate effects and patterns can be created with the Roland LEC2-640

"The print quality is just superb." He says, "If we need to print lots of detail or small text, we just go straight to the UV."

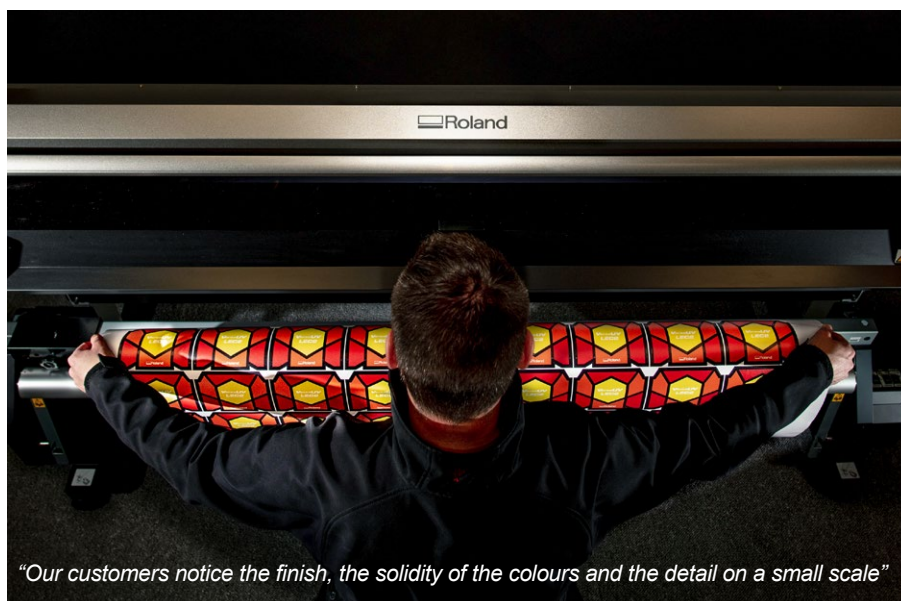
Using the LEC2-640 for stickers and service labels, Alex has managed to print text only 1 mm in height with no loss in clarity. The ability to print this fine detail has differentiated The Vinyl Guys from its competitors.

"Compared to stickers they've had from elsewhere, our customers notice the finish, the solidity of the colours and the detail on a small scale. When our customers peel

off a UV sticker, it just feels better; it feels like more of a premium quality finish than the normal stickers do."

Aside from stickers and labels, Alex has been trialling this new technology in several other applications, including signage, banners, and short-term vehicle graphics, fixed to vans with magnetic panels. He has also tested UV for interior décor – a growing segment in print.

"We've put wallpaper through it to print the graphics in our new reception area, and we've also done some boardroom landscapes for one of our customers."



"Our customers notice the finish, the solidity of the colours and the detail on a small scale"

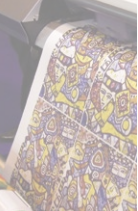
Stepping into new applications

Alex's taste for experimentation has also led him to products he might not have previously considered, like packaging.

"One of our customers is a local artisan coffee business. We started using the UV to do their labels and they noticed the fine text details straight away. I'd like to talk to them about how we could use our LEC2 to help improve their packaging."

For Alex, the LEC2 didn't just create a valuable new income stream it breathed new life into The Vinyl Guys. Ultimately, this technology has let Alex create a product that looks and feels like it commands a premium price.

www.thevinylguys.co.uk



Print & Cut Feature

Get the most from Print & Cut with ColourSURE

For Solvent and UV Roll-to-Roll and Flatbed Printers, ColourSURE Print & Cut RIP software includes custom drivers and colour profiles for the most widely used solvent and UV printers, including the integrated print & cut machines from **Mimaki and Roland**.

Keith Pratt, Managing Director of Atlantic Tech Services, the UK's exclusive distributor of ColourSURE, says, "ColourSURE is a state-of-the-art colour management engine which includes professional colour profiles alongside a wide variety of pre-production and print production tools to maximise the return on investment of your printer by enabling all types of production possibilities. With ColourSURE you can drive multiple manufacturers machines from one RIP, giving you the flexibility to add an additional printer or cutter at any time, allow automatic job sorting, improve ink usage controls assist visual print positioning."



ColourSURE supports both integrated and separate printer/cutter workflows

Why choose ColourSURE?

Pratt explains, "ColourSURE RIP Technology delivers accurate, vibrant colours for each of the supported printers or integrated print & cut devices. It ensures consistent colour quality across a virtually unlimited range of ink and media combinations. It provides workflow support for seamless file transfer regardless of the design application and fully flexible In-RIP production tools that streamline the

performance of the print & cut processes. This is possibly the most flexible and advanced solution for all types of wide format printers."

Multiple printers, multiple queue workflow support

ColourSURE has full national and online support provided by Atlantic Tech Services. Keith Pratt adds, "RIP Print provides precise, vibrant colour reproduction for settings, which require either individual or multiple printer support. ColourSURE can run in fully automated mode for high volume production or alternatively in manual mode for lower volume or specialised job creation."

As well as the hybrid print & cut machines, the software also supports installation for a single printer and a single cutter for workflows that require post print cutting on a separate cutting device.

With ColourSURE, you can send print & cut jobs directly from most popular design applications into queues without the need to import the job manually from the RIP. They can also be sent directly from a network by assigning queue

folders to drive letters or simply drag & drop files directly into selected printer and cutter queues.

Better margins and profitability

"Improved efficiency and increased productivity are huge features of ColourSURE," says Pratt, adding, "And this results in better margins and higher profitability. For example, improved ink usage and reduction controls will reduce your annual ink costs. Also, features like selecting job information on-screen allows you to more easily crop, tile and copy, which will save huge amounts of time in your production workflow."

He concludes, "ColourSURE is a hugely feature-rich RIP that will give you a competitive edge in your print & cut solution offerings. We would welcome people talk to us about their print and cut requirements and how we can help them optimise their system selection to best suit their specific and precise requirements. There is plenty of choice of hardware, and with ColourSURE you can ensure you get the highest possible return on investment."

www.antlantic-tech.co.uk



With ColourSURE, you can send print & cut jobs directly from most popular design applications

The different flavours of Print & Cut

In this feature we have already looked at the integrated print and cut machines from Roland and Mimaki, who both have well established solvent and UV ink based machines. In addition, HP's Latex print and cut solution requires a separate printer and cutter. We talked to Granthams, who with an amazing 130 years' experience in the graphics business, is well placed to talk about the relative benefits or the different ink technologies when it comes to print and cut.

Solvent print and cut machines

Solvent remains the most popular technology for the sign making and vehicle graphics industry, due to its high vibrancy, wide colour gamut and high quality. The integrated print and cut units are popular because they reduce initial investment and floorspace requirements.

Kirsty Reader, General Manager of Granthams, says, "Solvent inks are designed to penetrate the media and bind with the print substrate. On gloss media they remain glossy, and on a matte finish they stay flat. The way the ink keys to a vinyl is how it maintains the 'stretch' and why it's perfect for vehicle wraps and cast vinyls."

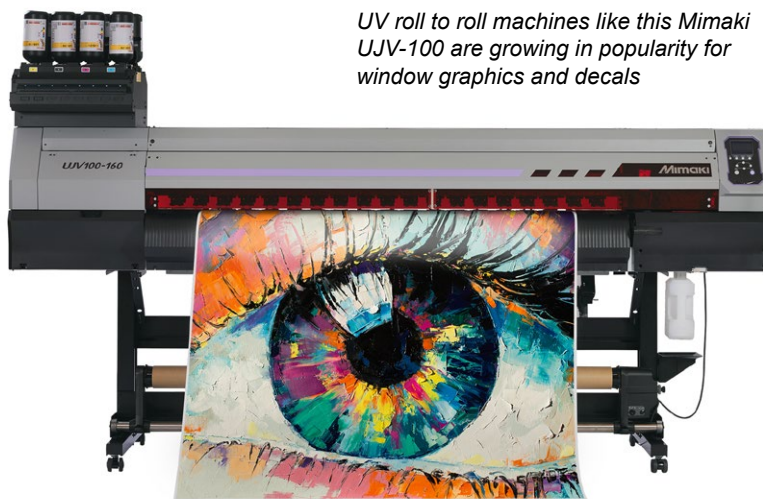
UV print & cut machines

UV technology uses an LED Lamp to instantly cure the ink. It creates a strong bond, (as strong as solvent) and because of how it works it is currently the mode of choice when it comes to flatbed direct printing.

As soon as the lamp passes over, UV inks cure instantly. There is only minimal heat from the lamp meaning no potential vinyl shrink issues. "UV doesn't need to 'gas off' and with more cost effective white ink options, UV technology has steadily grown in popularity for roll-to-roll machines designed to produce window graphics and decals," adds Reader.



Roland's TrueVIS VG2-540 is suited to vehicle wraps and cut vinyls



UV roll to roll machines like this Mimaki UJV-100 are growing in popularity for window graphics and decals

She continues, "The only downsides are that UV inks can look slightly less vibrant when compared to solvent. They also don't stretch quite as much as solvent inks so for vehicle wraps UV may not be the best option. UV ink sits on the surface of the substrate, which means it can leave a consistent matte finish. By sitting on the top they create a slight uneven finish depending on ink levels and this can mean high-coat weight laminates are needed when finishing."

daily maintenance tasks required by the operator (unlike with Solvent and UV), making the Latex a lot more user friendly and less prone to errors."

She adds "The negatives of Latex Printers would surround the colour vibrancy, which isn't quite up there with the more aggressive Solvent inks. Latex Printers are not available as integrated print and cut units either, meaning the initial investment is usually higher to get a similar set-up to that of a Solvent printer/cutter."

Latex print and cut solutions

With lower running costs than Solvent, Latex has proved itself as something of an economical workhorse within the print industry over the last 10 years. No odour, instant dry and no need to 'gas off', prints from a Latex can be finished and laminated as soon as they are off the machine, and that's if you decide lamination is required at all. The HP Latex range includes an additional ink that increases scratch resistance compared against solvent meaning some short-term graphics prone to marking can be printed on a latex without any additional protection.

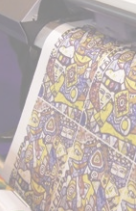
Reader says, "In today's environmentally conscious times, the water-based latex ink has managed to achieve higher green credentials where the other systems have not, giving latex an extremely strong edge to those with sustainability in mind. HP have also developed plug-and-play printheads, which are replaced much like ink cartridges. This means there are no



With ColourSURE, you can send print & cut jobs directly from most popular design applications

Reader concludes, "Here at Granthams we can talk you through each of these options and demonstrate what would be the best solution for your specific needs. Our experience in this area is second to none and we can be your first and only port of call for all your printing and graphics production requirements."

www.granthams.co.uk



Foamalux and Trimalco a cut above

Brett Martin is pleased to announce that FTC (UK) Ltd, manufacturer of the Trimalco range of cutting equipment, is the latest company to join its Approved Partner Programme. The announcement follows a successful test on Brett Martin's 3, 5 and 10mm Foamalux Light using the Athena 3 integrated cutting system and Apollo XL vertical cutter. The test demonstrated consistency in producing an exceedingly smooth cut with no dust or swarf generated.

The Trimalco manual cutting equipment range, manufactured in Northamptonshire, is popular in small to medium print or sign shops due to its entry level cost and smaller machine footprint. Exported around the world, Trimalco equipment is also ideal for distributors who offer a bespoke cutting service.

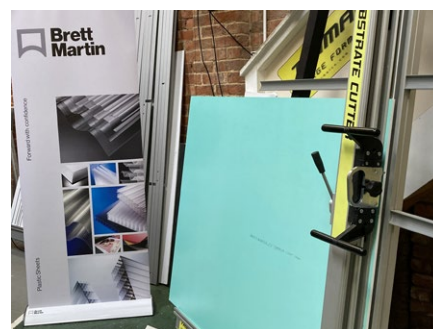
Alex McLean, Managing Director of FTC, explained why he found Foamalux an ideal product to cut on the Trimalco equipment. "Over the years, Foamalux's consistency has always impressed me. Some materials can vary from batch to batch but not

Foamalux. When I am demonstrating Trimalco equipment to customers, I prefer to use Foamalux as it is proven to cut well on our equipment. The cut edge is of very high quality and the lack of swarf produced is a huge advantage in achieving good quality print."

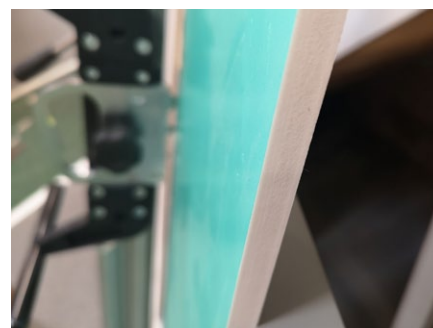
The companies' collaboration is part of Brett Martin's Approved Partner Programme. The Northern Ireland based plastics manufacturer works closely with a number of renowned cutting and printing machine manufacturers to test and showcase the capabilities of its semi-finished product portfolio.

Simona Firth, semi-finished Product Manager, added, "Our Approved Partner Programme is central to our product strategy. It is important for us to work alongside companies such as FTC, to keep in touch with how our products are processed and prove to the market that our products are compatible with the most popular cutting machines available."

www.brettmartin.co.uk



Foamalux cut on a Trimalco cutter will create a smooth edge with no swarf generated



Agfa UK Opens Inkjet Competence Centre with Sizzling BBQ

Agfa opened their new 3,500 sq ft Inkjet Competence Centre in Rugby in July with a sizzling BBQ in the sunshine.

It was an event that was timed to perfection with customers and suppliers in abundance enjoying one of the first face-to-face gatherings the industry has seen for some time.

The new showroom and training centre in Rugby and the event, which was held on the 8th and 9th July, marked months of planning and meticulous installation. The site now hosts Agfa's best-selling Anapurna H2500i LED hybrid UV and its flagship Jeti Tauro H3300 LED press, aptly nicknamed 'The Beast'. The showroom also boasts the new partnership with Kongsberg PCS, who installed a high-end C-Series C60 cutting table. All the equipment was busy working to demonstrate their capabilities during the event. There was also a running presentation on the latest Asanti 5.0

workflow by Graham Clark, Agfa's well-known systems and applications specialist. Antalis showcased their latest viscom products, such as an environmentally friendly board, banner and fabric alternatives, and new, easy install, tension frame systems from Easitex. Profitable Print Relationships' Matthew Parker was at hand to engage with the visitors how they can maximise their return-on-investment with tailored sales and marketing training.

"We were really pleased with the turnout for Agfa UK's Summer BBQ over both days." Said Bobby Grauf. "Customers and suppliers came from across the UK to see our new Inkjet Competence Centre and we were really grateful that they made the effort. The weather allowed us to get plenty of ventilation into the facility, too, helping us maintain a safe environment at all times. There was keen interest in all the solutions on show, in fact an Anapurna H2500i LED was actually sold on the first day, so we need to get ordering a



replacement straight away."

Agfa's new state-of-the art Inkjet Competence Centre in Rugby is just a few minutes' drive from both the M1 and M6 motorways and within walking distance of Rugby station.

With the site now fully open, demonstrations and training can be booked by emailing icc.gb@agfa.com or by calling 020 8231 4027.

www.agfa.com

Trotec laser on the road

Following a year of cancelled events and changes to the working life, Trotec laser is pleased to be hitting the road and taking a cohort of laser machines on the road in September 2021.

Taking place in Belfast and Hemel Hempstead on the 7th and 8th with a further show in Exeter on the 21st and 22nd, the roadshows are designed to bring Trotec's laser cutters and engravers to a wider audience. The events are ideal for businesses interested in seeing how the introduction of laser technology can improve workflow and profitability.

Each roadshow appointment is tailored to the specific needs of the visitor. From improving productivity or production quality with a laser, to building the foundations of a successful start-up company; these sessions will provide attendees with a thorough overview of the capabilities of Trotec laser systems. Delegates are even invited to bring their own materials and design files for testing.

Machines in action

The roadshows will feature a wide range of Trotec's laser cutters, including the next generation Speedy 400 laser cutter. Trotec's largest flatbed laser system, the Speedy 400 offers cutting edge processing and is up to eight times faster than comparable laser cutters.

In addition, the Speedy 300 Flexx with both CO2 and fiber laser source will demonstrate to roadshow attendees the versatility of material applications that are possible with a laser.

The roadshows are expected to be popular, with spaces available now for booking on a first-come first-served basis.

Bringing Trotec to a wider audience

Bryan Jater, Sales Director for Trotec laser, said: "After a year of so much uncertainty, Trotec are delighted to bring our range of market leading laser machines on the



road. Whilst our showroom's serve as the first point of call, roadshows allows us to bring our lasers to a wider audience and give people hands on experiences that are not possible through online demonstrations."

Appointments are available on a first come first served basis, with evening appointments available. To reserve your place at the roadshow contact Trotec today on 0191 580 1182 or email enquiries@troteclaser.co.uk

www.troteclaser.co.uk

Experts warn van branding could void insurance

A leading insurance comparison website Quotezone.co.uk says many van drivers are unaware that their van's branding falls into the modification category on current policies, amongst items such as spoilers and alloy wheels.

The warning comes as new figures show a 76% rise in van sales—190,000 vehicles—in the first six months of this year according to trade body The Society of Motor Manufacturers and Traders – 1.8 per cent above the five-year average for 2015-2019.

Drivers need to keep their insurance provider up to speed with any modifications, including newly added branding or signage, because those modifications can sometimes change the van's risk profile.

Signage or branding on a van, for example, might increase the risk of a break-in if it convinces opportunistic thieves think valuable equipment or tools might be stored in the vehicle. In addition, if the vehicle is ever involved in an accident the cost of repairing or replacing

the signage might increase the overall cost of repairing the van.

The insurance comparison website advises van owners to make sure forms are correctly answered when taking out a new policy, inform their existing provider if signage or a vehicle wrap is added after the policy was taken out, and if in doubt ask the provider. Making sure the policy is always accurate ensures drivers are protected should they need to make a claim.

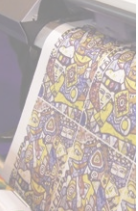
Quotezone.co.uk offers some good news for van drivers that decide to add a 'How's my driving?' sign to their vehicles. The price comparison site revealed that this sign could potentially reduce the driver's van insurance premium, because industry data suggests van drivers with a 'How's my driving' sign tend to be less likely to claim on their insurance.

Greg Wilson, Founder of Quotezone.co.uk, comments: "Throughout the pandemic we've seen a monumental rise in tradesmen, mobile mechanics, couriers and catering vans – as people adjust to

lockdown working life. This could explain the spike in van sales as many try their hand at small business startups or support growth in the delivery and construction industry. Many of these new van owners might not know signage can be viewed as a modification, so it's worth checking how their insurer views any branding on the vehicle to ensure they're correctly declaring everything they're required to declare.

"The fact that a van has a vehicle wrap, signage or branding doesn't necessarily mean that drivers won't still get the cheapest van insurance quote – they just need to shop around."





Agfa adds even more value with new Kongsberg partnership

Agfa UK have announced a new partnership with Kongsberg Precision Cutting Systems, which will see their new Rugby showroom displaying the latest Kongsberg PCS cutting tables to suit Agfa's award-winning wide-format solutions.

The new 3500 sq ft Agfa Inkjet Competence Centre, located in Rugby, is due to be officially opened with a celebratory Summer BBQ on the 8th and 9th of July. Now a reseller of Kongsberg PCS solutions, Agfa will be showcasing the high-end Kongsberg C60 digital finishing table next to their latest wide-format inkjet printers, presses and workflow suite. Kongsberg PCS, based close by in Solihull, will be using the new facility in Rugby as their own local showroom too, which also houses a bespoke demonstration and training area for Agfa's award-winning Asanti and Apogee software suites, as well as Agfa HealthCare's Digital Radiology division.

Bobby Grauf, Agfa Inkjet Sales Manager UK & Ireland commented: "The new arrangement with Kongsberg PCS perfectly complements our added value propositions. Kongsberg PCS is undoubtedly the market leader in digital cutting solutions. Being able to demonstrate Kongsberg cutting tables live

in Rugby makes it so much easier for our customer to select the right printing and finishing solutions to suit their business. Agfa's global headquarters in Belgium and Canada are already demonstrating the seamless link between Agfa and Kongsberg systems, and now we can do the same much closer to home. Our aim is to help our customers navigate through the industry's complex range of wide-format kit, so offering complementary products and services will make life much easier for them. We are thrilled to partner with Kongsberg PCS for the UK graphics market."

Melanie Fox, Sales Manager UK & Ireland at Kongsberg PCS said: "This is one of the first new reseller partnerships Kongsberg will enter since becoming a standalone company in April 2021, and we're delighted that Agfa will be making our entire range of cutting systems, tools and automation solutions available to its customer base.

"At Kongsberg, we have a passion for fusing technology and creativity to deliver the most robust and reliable digital cutting solutions," added Melanie. "Kongsberg PCS and Agfa customers share a common demand for premium products that deliver optimum performance, and this new partnership will increase the availability

of our innovative solutions for more customers across the UK.

"We are looking forward to kickstarting our new relationship with Agfa at the imminent showroom launch, where one of our state-of-the-art Kongsberg C series tables will be proudly displayed and available for customer demonstrations."

Agfa's state-of-the-art Inkjet Competence Centre in Rugby is a few minutes from both the M1 and M6, and within walking distance of Rugby station.

www.agfa.com/inkjet.



Bobby Grauf of Agfa and Melanie Fox of Kongsberg PCS at Agfa's new Inkjet Competence Centre in Rugby, Warwickshire

Mimaki and Brett Martin seal successful relationship

Brett Martin is pleased to announce that Mimaki Europe BV, manufacturer of large format printing equipment, is the latest company to join its Approved Partner Programme. Although the two companies have worked together for years – with Brett Martin providing substrates for Mimaki's demo centre and exhibitions, as well as taking part in Mimaki's webinars



Brett Martin's 3mm Foamalux Light on Mimaki's JFX200-2513 EX large format UV flatbed printer.

during the 2020 COVID-19 lockdown – the two parties have never formalised the relationship.

The announcement follows a successful print test of Brett Martin's 3mm Foamalux Light on Mimaki's JFX200-2513 EX large format UV flatbed printer, which was carried out at Mimaki's demo centre in The Netherlands. The company also uses Brett Martin's Marpet-g FS at its demo centre to showcase the performance of its thermoformable inks.

Mark Sollman, Product Manager EMEA, explained the long-standing relationship between the two companies, "Over the years, we have often used Brett Martin's products in our demo centre and at exhibitions to prove the performance of our ink and equipment to our potential customers. We know that these products

provide a reliable, repeatable substrate which allows us to get the best out of our equipment."

The companies' collaboration is part of Brett Martin's Approved Partner Programme. The Northern Ireland based plastics manufacturer works closely with a number of renowned printing and cutting machine manufacturers to test and showcase the capabilities of its semi-finished product portfolio.

Simona Firth, semi-finished Product Manager, added, "Our Approved Partner Programme is central to our product strategy. It is important for us to work alongside companies such as Mimaki, to keep in touch with how our products are processed and prove to the market that our products are compatible with the most popular large format printers and cutting machines available."

www.brettmartin.co.uk

ColorJet appoints QPS as UK distributor for UV flatbed and soft signage printers

QPS will offer five printers to customers in the UK, including the Verve LED and Hybrid models, the Vulcan RTR and the SoftJet Plus and Grand solutions.

Quality Print Services (QPS), the one-stop shop for the wide-format print market, has been announced as the official UK distributor for ColorJet's leading range of UV flatbed and soft signage printers.

India-based ColorJet manufactures a range of high-quality digital textile and inkjet printers, with QPS to distribute five of ColorJet's most advanced machines in the UK. ColorJet printers available from QPS will include the Verve LED, Verve Hybrid, Vulcan RTR, SoftJet Plus and SoftJet Grand models.

Verve LED is an industrial UV flatbed printer that runs at speeds of up to 38sq m/hr and enables high-quality direct printing onto almost any kind of rigid surface including wood, glass, leather and ceramic tiles, and opens up a whole host of markets and applications to the user.

Sister machine the **Verve Hybrid** is a 3.2m-wide UV flatbed roll-to-roll printer that delivers fast and versatile UV performance at speeds of up to as 63sq m/hr. Engineered for high-endurance work, the versatile printer can print on substrates such as aluminium composite sign blanks and sheets, foamboard, fluted polypropylene, glass, ceramic tiles, wood, as well as a wide range of vinyl and flexible media.

The **Vulcan RTR** high-speed 3.2m wide roll-to-roll UV flatbed inkjet printer delivers highly accurate printed work at lightning-fast speeds of 678sq ft/hr. A perfect solution for indoor and outdoor work, the machine can handle materials including backlit fabric, ceiling film, vinyl, advertising banner and PET.

The **SoftJet Plus** is an entry-level soft signage printer that offers the perfect solution for minimum investment and maximum profitability. The 2.5m-wide machine has a top speed of 46sq m/hr and is ideal for applications such as flag printing.

Finally, the **SoftJet Grand** is a 3.2m-wide

*The **Vulcan RTR** high-speed 3.2m wide roll-to-roll UV flatbed inkjet printer*

grand-format soft signage printer suitable for a whole host of soft signage applications such as banners, displays, wall decorations, signage, parasols, flags, backdrops and outdoor advertisements.

Chris Bailey, Managing Director of QPS, comments: "We're delighted to expand our product offering to include the ColorJet UV flatbed and soft signage printers. We were put in touch with ColorJet by the team at Nazdar, whose products are already successfully used on ColorJet platforms.

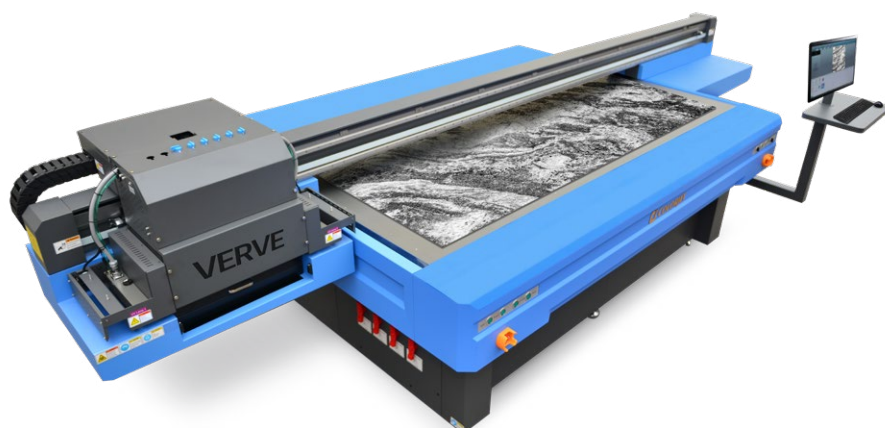
"As a distributor of both Nazdar and DuPont Artistri inks, we are able to fine tune the ColorJet printers' ink selection to specifically meet any customer's requirements.

"Our ink expertise, coupled with our ability to offer full technical support nationwide—something we've been doing for many years—means we are highly experienced and well placed to offer a comprehensive package to our customers."

Binoj Antony, International Business Head at ColorJet India, adds: "The partnership with QPS reiterates our strong focus on widening our presence across key markets by offering customers the ColorJet range of UV and soft signage products and supporting them with prompt and efficient service.

"We are confident that this association will be a major milestone for our expansion plans in the UK."

www.qualityprintservices.com



*The **Verve LED** is an industrial UV flatbed printer for direct printing onto almost any kind of rigid surface*

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| Seal Image 6000+ laminator—Birmingham | £2,500 |
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Ilkeston, Derbyshire



Experienced Sign Maker

The ideal applicant must be a team player and take pride in their work as attention to detail is paramount.

Ideally with a minimum of 2 years sign making experience and proficient in the following: use of power tools, vinyl applications, LED experience, able to work with various material substrates, operation of workshop machinery such as a laser cutter, panel saw, mitre saw and diamond polisher, knowledge of sign manufacturing methods.

8.00am until 4.30pm Monday to Friday with occasional overtime

Salary: Up to £22,500 per year depending on experience + overtime

Interested applicants are to send their CV to kimbosworth@signsystems.uk.com

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Sign Maker
★ ★ ★ ★ ★ ★ ★ ★ ★ ★

LONDON

Salary: £20-£30k depending on experience
(Min. 2 years sign making)

★ ★ ★ ★ ★ ★ ★ ★ ★ ★
Project Manager
★ ★ ★ ★ ★ ★ ★ ★ ★ ★

LONDON

Salary: £25-£35k
Must have previous experience working for a sign making company.

Please email your CV to
paul@goodwinandgoodwin.com

Signage Installer

Barnet, EN4

This role involves the production and installation of an extensive range of signage products from vinyl graphics, vehicle graphics, shop front signs/fascias and banners. You may also be required to carry out site surveys and liaise with customers' onsite. Therefore the ideal candidate will have extensive experience in the manufacturing and installation of signage.

Duties will include;

- Undertake Site Surveys
- Sign Production
- Installation of Signage to bespoke specifications
- Working at Height
- Vehicle graphics
- Application and Removal of graphics on various surfaces
- Construction of wood and aluminium frameworks

The ideal candidate will possess;

- Strong Stamina
- Excellent presentation and rapport building with both colleagues and clients
- Initiative and Enthusiasm
- Exceptional Communication Skills
- Excellent Planning and Organisational Skills
- The ability to work under pressure
- A full driving licence is required
- At least two years sign fitting experience is essential, or experience of installation work within a very similar industry

The successful candidate will be flexible and enthusiastic with a positive 'can do' attitude.

An electrical qualification would be an advantage.

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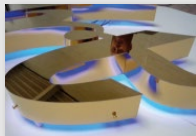
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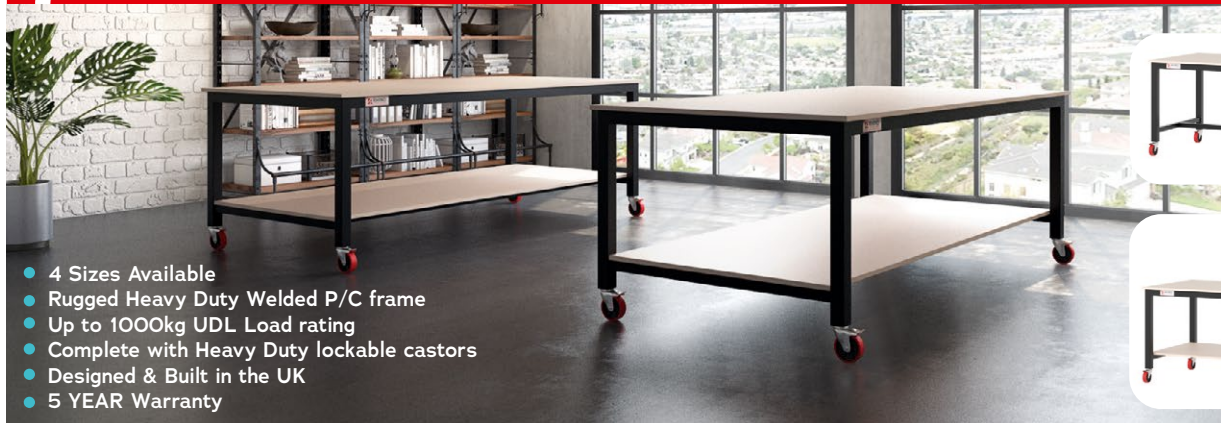
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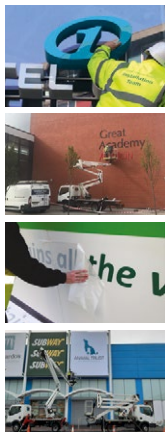
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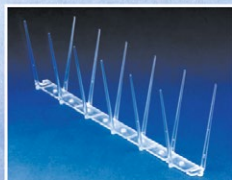
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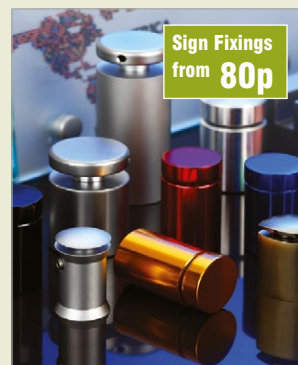
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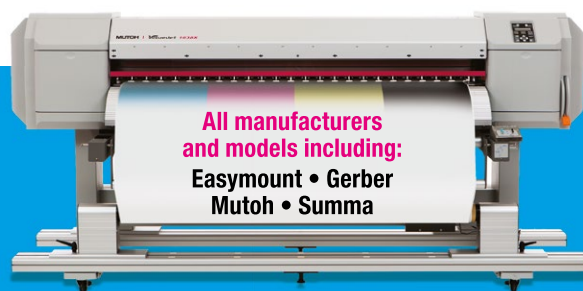
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Specialist TRADE ONLY metal fabricators. We won't be beaten on price. We specialise in Built up letters in Stainless Steel, Aluminium, Gold, Titanium, Stainless & Rimless acrylic face letters (Brass and Copper also available on request). We can also supply stand off locators, & LED Illumination.

AES SIGNS LTD (EST. 1972)

The Old Laundry, 15 Barratt Street,
Easton, Bristol BS5 6DE
Tel: 0117 951 0234
sales@aessigns.co.uk
www.aessigns.co.uk
Specialist manufacturers of built-up/flat cut letters, logos in stainless steel, brass, aluminium etc. Very competitive prices, excellent delivery, highest quality, full design service. Prompt response to all enquiries.

APPLELEC

Unit 1, Wharfedale Business Park,
Shetcliffe Lane, Bradford BD4 9RW
Tel: 01274 774477
sales@applelec.co.uk
www.applelec.co.uk
Trade suppliers of quality 3D built up metal letters and logos. Lettering starts at just 50mm high in materials such as stainless steel, brass, copper, titanium and aluminium with a variety of different finishes. Built up letters are available with halo and / or face lit illumination from our award winning and cost-effective LED range. A free and unbranded product brochure is available on request.

FABRICUT

Unit 2 Browells Lane, Feltham,
Middlesex, TW13 7EQ
Tel: 020 8751 7250
mailus@fabricut.co.uk
www.fabricut.co.uk
Offering a trade service for 3D built up lettering and logos with or without LEDs for face or halo illumination. Various styles and finishes available including powder coated, wet sprayed, rimless, rim & return, fairground, aged/rusted and sand blasted. We're known for our high quality and attention to detail; email your enquiries to receive a prompt quotation or call us to discuss your project.

ICE SIGNS

Tannery Works, 12 Whingate, Leeds
LS12 3BL

Tel: 0113 2242124

sales@icesigns.co.uk

www.icesigns.co.uk

Manufacturers of Built Up—Flat Cut—Rim and Return Letters and Logos in Stainless Steel, Aluminium, Copper and Brass. We also fit neon tube or LED modules within the Letters for face or halo illumination.

LOGOTECH DISPLAY SOLUTIONS LTD

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sales@logotech-ltd.co.uk

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In our fully equipped metal department we produce high quality built up letters/logos in aluminium, stainless, brass and copper. Supplied to the trade nationwide, at a very competitive price. We also manufacture boxes, post signs, gantry signs, frames and panels, which can be finished to your specifications. We have our own in-house neon department and can supply you with the complete sign service, ready for you to install.

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LE3 5EZ

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sales@sign-here.co.uk

www.sign-here.co.uk

Trade service for 3D built up lettering & logos in a variety of materials. 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.

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Specialise in manufacturing signs to the trade with over 40 years' experience in the signage industry. 3D Built up letters, Flat cut letters, Projecting Signs, Facia Signs, and Illuminated Light Boxes. All work undertaken in house. Competitive prices and prompt service.

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www.isptrade.com

Cable display systems are simple yet highly flexible. Available in high quality solid brass with a polished chrome finish or satin finish aluminium. Cable systems can be used for modern retail shelving, displaying signage and LED window displays which are highly effective for shop fronts. We supply all parts individually or as simple to use complete kits. Need help? Use our new online chat.

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Shopkit manufacture versatile cable & rod display systems to support signage & graphics in our UK FACTORY, offering quality products at COMPETITIVE PRICES in different sizes & metal finishes, with an ONLINE SHOP with next day delivery & quick lead times on CUSTOM ITEMS. Products include sign hanging systems, banner systems, graphic & poster displays, poster & brochure holders & cable fixing kits.

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Tel: 01670 530136

quotes@falon-nameplates.co.uk

www.falon-nameplates.co.uk

Falon Nameplates are a family run business, we have been in the manufacturing business since 1952 and are the largest cast signage company within the UK. We specialize in many areas, these are some we think you would be the most interested in: Finger Poles, Memorial Plaques, Town Trails, Blue Plaques, House signs, Pet memorials and Trophies. We hope we can help with all your casting needs.

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9QG

Tel: 01525 874 185

enquiries@sott.co.uk

www.sott.co.uk

Specialists in the manufacture of quality cast signs—mainly cast in polyurethane but also grp, bronze, brass and aluminium. All patterns are made by our in house pattern maker to your specification. A few millimetres up to several metres in size. Cast signs for town entrances, buildings, way finding fingerpost signs, blue plaques, street signs.

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info@ward-signs.co.uk

www.ward-signs.co.uk

Plaques, Crests, Lettering. In aluminium and Bronze. From Pattern Making to Finishing in Stove Enamel. 60 Years of Experience.

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Mercury Etching Ltd is a new TRADE ONLY SIGN ETCHING SERVICE – Although newly established we have over 20 years experience in deep chemical etching of signage. We specialise in etching on Brass & Stainless Steel (including 316 marine grade) as well as other materials. We also offer Patina/BMA finishes. Quality work guaranteed with fast turnaround times, excellent service and competitive prices!

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Tel: 01670 512 090

sales@multitechnic.co.uk

www.multitechnic.co.uk

We are established specialists in chemical etching. WE ARE THE ONLY TRADE ONLY SIGN ETCHING SPECIALISTS IN THE UK. We can offer effects that nobody else can do such as complex blended colours. All our stainless steel is 316 marine grade, we don't use inferior grades & our brass is the best too. We want your business so will give you a fast turnaround & excellent service.

SIGN INDUSTRIES

Unit 3, Roberts Street, Forfar, Angus,
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Tel: 01307 463997

info@signindustries.com

www.signindustries.com

SIGN INDUSTRIES are specialist
TRADE MANUFACTURERS of
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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.

TRADE ETCHING DIRECT LTD

Unit M Edison Courtyard, Brunel
Road, Earlstrees Ind Estate, Corby
NN17 4LS

Tel: 01536 203813

sales@tradeetching.com

www.tradeetching.com

Trade Etching Direct Ltd is a
well-established chemical etching
company specialising in high quality
etched signage. Our work is 100%
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WARD SIGNS

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www.ward-signs.co.uk

Wards of Bristol Specialise in
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Manufacturers of plaques in
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colour filled to your choice. Logos and
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info@signindustries.com

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Sign Industries is one of the UK's
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Cast blue plaques with detail in
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Tel: 0117 955 3385

info@ward-signs.co.uk

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Wards of Bristol have produced
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Trade suppliers of flat cut out letters,
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info@cuttingmatsxxl.com

www.cuttingmatsxxl.co.uk

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www.rhinocuttingmat.co.uk

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hello@screenspace.live

www.screenspace.live

Screenspace is built around a small low-cost device that when plugged into any screen or TV, can in 5 minutes, turn that screen into a smart digital sign, capable of displaying your customers own adverts that can contain text, images or videos. When the device is connected to Wi-Fi these adverts can be scheduled, edited or updated instantly and sent to a screen, anywhere in the world.

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Sign Trade Supplies has a wide range of double sided tapes and adhesives designed specifically for the sign making industry. The Stykra branded products provide unrivalled performance at an excellent price point. Our range of tapes include Structural bonding tapes, Toffee Tape, Banner Hemming Tape, Single Sided Banner Tape, 1mm Foam Tape, POS tape, Hook & Loop Tape and many more.

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Trade suppliers of flat cut out letters, logos and intricate laser work. We offer lettering in a variety of materials such as acrylic, foamex, dibond, stainless steel, aluminium and MDF in different finishes, with or without fixings. Please contact our friendly team for more information and to request a free and unbranded product brochure. (3D built up lettering is also available).

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mailus@fabricut.co.uk
www.fabricut.co.uk
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LE3 5EZ

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sales@sign-here.co.uk
www.sign-here.co.uk
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Tel: 01843 225666
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As part of the PFI Group, we specialise in our own areas of signage resulting in complementary products and services within the group, while maintaining high levels of expertise collectively gained from many years of experience. Our group capabilities extend to bespoke fabrication, large format print, design, installation, in-house finishing (including a paint-shop) and much more.

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Sign Supplier is a leading designer, manufacturer and installation specialist of business signage including signage boards, projecting, illuminated and neon signs, sign trays, sign posts, sign lettering, sign lighting and digital signage.

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paul@blueprintsins.co.uk

www.blueprintsins.co.uk

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Mob: 07702 950 218

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www.mediaabseiling.com

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Shopkit manufactures a wide range of sign support systems in our UK FACTORY, offering COMPETITIVE PRICES on quality products, working in different metal finishes with an ONLINE SHOP with next day delivery and quick lead times on CUSTOM ITEMS. Products include project fixings & sign standoffs, banner systems, rod signage supports & cable signage systems all for both interior & exterior use.

SIGN SURVEYOR

PB WILLIAMS SIGN SURVEYOR

48 Durley Rd, Aintree L9 9AW

Tel: 07885 486 182

We specialise in sign surveying to the trade, with over 35 years of experience as a sign fitter/ manufacturer. I was contracted to large companies in the north west, and country wide. I am based in Merseyside and have PASMA, IPAF/ PAL & CSCS qualifications and will travel UK and Europe. For further details please contact the above number or email.

SIGN TRADE SUPPLIERS

APPLELEC

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

Tel: 01274 774477

sales@applelec.co.uk

www.applelec.co.uk

Highly confidential, trade only supplier to the sign industry. From metal flat cuts and built up letters to fascia, projecting and totem signs along with leading components such as our stocked SloanLED modules. Operating for over 20 years, our manufacturing facilities are constantly advancing to ensure we're always ready to help with your next project. Ask for our free unbranded product brochures.

DISCOUNT DISPLAYS

31-35 Wortley Road, Croydon CR0
3EB

Tel: 0844 800 1020

sales@discountdisplays.co.uk

www.discountdisplays.co.uk

Discount Displays are UK based experts in all things display and signage. As well as a huge range of hardware for exhibitions, events and retail, we also specialise in large format print solutions. We are able to offer super low trade prices on a variety of printed signage, all produced in-house using high quality inks and materials. Visit our website for more information and to view our full rang

SIGN TRADE SUPPLIES LTD

Britannia House, Granville Road,
Maidstone, Kent ME14 2BJ

Tel: 01622 689 410

www.signtradesupplies.co.uk

Supplying a variety of sign making supplies nationwide including aluminium signs posts, post clips, fixings, vinyl and tools. We have a large UK stock of Image Perfect vinyl, sign fixings and aluminium extrusions ready for same day despatch. We also provide trade manufacturing service including diamond edge polished acrylic, flat cut acrylic lettering, sign trays and more.

MACTAC UK LTD

Room 232, Victory House, 400

Pavilion Drive, Northampton

Business Park, Northampton NN4 7PA

Tel: 01604 644697

www.mactacgraphics.eu

Mactac is a global manufacturer of many different PVC, PET, PP and PE self-adhesive films. Specialities include etched films, fluorescents, phosphorescents, mirror films, rear projection films, erasable films and textured laminates – all designed to complement and enhance your creative talent.

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Unit 4, Apex Business Centre,

Boscombe Road, Dunstable LU5 4SB

Tel: 01582 671 444

sales@themagictouch.co.uk

www.themagictouch.co.uk

Manufacturers of Transfer Papers and Materials used in conjunction with Laser Printers and Copiers (toner based) for full colour image transfer onto T-Shirts, Caps, Polo's, Mugs, Mousemats etc. Plus Magicut® film for use with Plotter/Cutter for heat transfer.

VISUAL GROUP

Hunt Lane, Doncaster, South

Yorkshire DN5 9SH

Tel: 01302 800 250

sales@visual-group.co.uk

visual-group.co.uk

Our highly skilled craftsmen with over 30 years' experience within the industry, use traditional and modern manufacturing techniques with the latest technologies on hand. Visual Group can offer a variety of materials for creative office wall graphics to informative branded interior signage. We can create anything from vinyl window graphics to flat cut letters with LED Illumination plus much more.

SIGNSCAPE AND SIGNCONEX

Pear Tree Works, Bath Road, Upper
Langford, Bristol BS40 5DJ

Tel: 01934 852888

contactus@signscape.co.uk

www.sasl.co.uk

We're a leading sign trade manufacturer providing services in letter boards since 1973. Our products are made to order and are tailored to suit your specific branding and display location requirements. We offer a wide choice of design styles, frames, colours, and branding options, to ensure your message communicated is consistent and engaging. Contact us for a free consult.

STREET SIGNS

SIGNS OF THE TIMES LTD

Wingfield Road Tebworth, Beds, LU7 9QG

Tel: 01525 874 185

enquiries@sott.co.uk

www.sott.co.uk

Street signs in a variety of materials. Cast polyurethane, aluminium and bronze. Die pressed street signs for council specification. For a quotation send us the text required on your signs and specify what material is required.

TRAY SIGNS

ILLUMEX

Wigan, WN1 3AB

Tel: 01942 243 341

Hello@illumex.co.uk

www.illumex.co.uk

Producing bespoke tray signs for the trade in both solid aluminium and alupanel composite, trays can be supplied as blanks or complete with an array of lettering and illumination options. We offer national delivery along with project services such as installation and graphic design. Always ensuring exceptional levels of service along with quality of products to match.

VINYL SUPPLIES

APA (UK) LTD

Unit 10 Capital Ind. Est., Crabtree
Manorway South, Belvedere, Kent,
DA17 6BJ

Tel: 020 8311 4400

apauk@apaspa.com

www.apaspa.com

One of Europe's main vinyl manufacturing companies supplying own brand self-adhesive plotter vinyl and Digital Print media. Plotter vinyls from short-term up to 10 years including Truck, Cast, Vehicle Wrapping, Frost-effect, Solar, Reflective and an extensive range of Print material for UV, Solvent and Dye/Pigment inks, all application aids are available.

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Unit 3C Buckley Road Industrial
Estate, 2 Buckley Road, Rochdale,
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Tel: 01706 633043

sales@apptape.co.uk

www.apptape.co.uk

Suppliers of various speciality films including Etch glass, Reflective, Fluorescent, Reflexite daybrite, Reflexite prismatic reflective, Hi intensity reflective, Photoluminescent, Cast metallics, 2yr Fluorescent, Gemstone metallics, Multi lens, Transparent colours, Checker plate, Mirror colours, Prismatic colours, Glitter colours, Brushed aluminium silver and gold.

TRADITIONAL SIGNWRITERS/ GILDERS

ART DESIGN SIGN

Swindon, Wiltshire

Tel: 07495 778 631

sarahlouise0405@gmail.com

www.artdesignsign.co.uk

Sarah at Art Design Sign is a Traditional Signwriter and Artist. Services include: Traditional hand painted lettering and artwork, Pub and Restaurant Signage, Chalk boards, Gilded lettering, Menus, Vehicle Livery, Wall Art and Lettering, Logo Recreation, Restoration Projects, Original Artwork and Event Signage. Free Quotes available, please contact to discuss your needs.

VINYL & GRAPHIC INSTALLATIONS

FREELANCE GRAPHICS

INSTALLER

London area / M25 / Kent / Surrey

Mob: 0756 4057 343

graphicsfitters@gmail.com

With 28 years experience in the industry, specialising in the installation of office manifestations, window films, office graphics, general signage, vehicle graphics, I can work as an additional member of your team on larger projects, or where there is a tight deadline, can also work on my own initiative. Available by the day or the by the job, flexible approach to work hours.

ATC LTD

Unit 3C Buckley Road Industrial
Estate, 2 Buckley Road, Rochdale,
Lancashire OL12 9EF

Tel: 01706 633043

sales@apptape.co.uk

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Distributors of Ritrama UK's full range of signmaking vinyls including their complete portfolio of Digital Films. We also have available a full range of signmaking vinyls manufactured in the UK by KPMF. We stock a range of application tapes from R Tape USA and various Digital Media manufactured by LG Hausys. Discounts available on credit card payments.

BAILEY'S FREEHAND SIGNS & GRAPHICS

Southern England

Tel: 01865 863 669

Mob: 07906 177 276

signs@baileyssigns.co.uk

www.baileyssigns.co.uk

Bailey's signs is a specialist in the more traditional techniques of sign making such as Traditional Signwriting & pictorial signs / Honours boards, Gold & silver leaf gilding on signs or glass / Restoration & Conservation area signs / Heraldic shield signs / Coach lining sign-work / Decorative Artwork / Mural / Fresco / Fine art / Portraiture / Picture & Mirror frame gilt work / Pub signs.

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Nelson Way, Cramlington, NE23 1JR
Tel: 01670 59 2095
graphics.averydennison.eu
Avery Dennison is a leading manufacturer of high-performance self-adhesive materials, for vehicle and building graphics – including digital, cut and screen applications. We innovate constantly to make graphics exciting and easy to install. Decades of know-how and the latest technologies (e.g. Easy Apply Technology and Supreme Wrapping Film) help you to transform your ideas into impactful messages.

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www.creativefilms.co.uk
We stock an unusual range of sign vinyl rolls. Specializing in unusual and striking special effect films, including: Glitter Film, Many textured metal effect films such as coarse brush and diamond plate, Sequins and various holographic effects, Mirror (chrome) film, Mozaic films and more. Available in our standard 20 colours. Ask for samples.

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Grafitack House, 103 Mariner, Tamworth, Staffordshire B79 7UL
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Tel: 01262 602 222
www.greenstikmaterials.co.uk
Suppliers of Ritrama vinyl & application tape, Poli-Tape HTV and digital media, R-Tape vinyl EFX digital printable media. Trade conversion available on state of the art machinery – we can convert your vinyl & digital materials to any size required. No account needed

MACTAC UK LTD

Room 232, Victory House, 400 Pavilion Drive, Northampton Business Park, Northampton NN4 7PA
Tel: 01604 644697
www.mactacgraphics.eu
Mactac is a global manufacturer of self-adhesive films designed to bring out your talent. Our highly innovative printing and marking products transform interior decoration, commercial architecture, signage and visual communications – for applications that include buildings, windows, point of sale, vehicles and boats. Mactac solutions are used by some of the world's most prestigious brands.

MDP SUPPLIES

Unit 1 Magazine Point, Riverbank Road, Bromborough, Wirral, CH62 3JP
Tel: 0151 272 1234
www.mdpsupplies.co.uk
Distributor to sign makers and garment printers. Stocking Ritrama, KPMF, DeTape and many other leading brands. Order online at www.mdpsupplies.co.uk, by phone or at any of our 9 branches across the UK. No account needed.

PYRAMID DISPLAY MATERIALS LTD

Head Office, Unit 5 Westpoint Enterprise Park, Clarence Avenue, Trafford Park, Manchester M17 1QS
Tel: 0161 872 5666
www.pyramid-display.co.uk
We supply a huge array of different sign vinyl products with options suitable for virtually any sign vinyl application you may need. Choose from monomeric vinyl, polymeric vinyl, premium cast vinyl, reflective vinyl translucent vinyl, fluorescent vinyl and etched vinyl, produced by leading manufacturers such as MACTac, Avery Dennison, LG and Aslan.

SIGN TRADE SUPPLIES LTD

Britannia House, Granville Road, Maidstone, Kent ME14 2BJ
Tel: 01622 689 410
www.signtradesupplies.co.uk
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SPANDEX UK

1600 Park Avenue, Aztec West, Almondsbury, Bristol, BS32 4UA
Tel: 0800 77 26 33
info@spandex.com
www.spandex.co.uk
Spandex distributes products from leading material and equipment brands for sign making, graphic production, digital printing, vehicle wrapping, interior décor and textile printing. We offer products from 3M, Avery Dennison, Arlon, ORAFOL, ImagePerfect, STEK, Cover Styl', HP, Epson, Roland and many others.

WAYFINDING SIGNS

APPLELEC

Unit 1, Wharfedale Business Park, Shetcliffe Lane, Bradford BD4 9RW
Tel: 01274 774477
sales@applelec.co.uk
www.applelec.co.uk
Trade suppliers of curved or flat-faced way-finding 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 is available. Please contact our friendly team for more information and to request our free and unbranded product brochures.

ICE SIGNS

Tannery Works, 12 Whingate, Leeds LS12 3BL
Tel: 0113 2242124
sales@icesigns.co.uk
www.icesigns.co.uk
Suppliers of internal and external wayfinding and directory systems to DDA (1995) guidelines if required.

SIGNSCAPE AND SIGNCONEX

Pear Tree Works, Bath Road, Upper Langford, Bristol BS40 5DJ
Tel: 01934 852 888
contactus@signscape.co.uk
www.sasl.co.uk
We're a leading sign trade manufacturer providing services in wayfinding sign systems since 1973. Our products remain the system of choice for many sign makers and wayfinding specialists; including post and panel, flush panel and curved panel signs, office signage, indoor/outdoor wall directories, paper insert, directional, and projecting signs, lectern and suspended signs, totems, fingerposts.

VISUAL GROUP

Hunt Lane, Doncaster, South Yorkshire DN5 9SH
Tel: 01302 800 250
sales@visual-group.co.uk
visual-group.co.uk
At Visual Group we understand visual representation and the importance of a stylish, high quality, well-made product which cannot be underestimated. We aim to manufacture to the highest level enabling complete satisfaction. Our highly skilled craftsmen with over 30 years' experience within the industry, use traditional and modern manufacturing techniques and have the latest technologies on hand.

WIDE FORMAT PRINTING

VISUAL GROUP

Hunt Lane, Doncaster, South Yorkshire DN5 9SH
Tel: 01302 800 250
sales@visual-group.co.uk
visual-group.co.uk
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WIDE FORMAT LUTIONS PROVIDER

DISCOUNT DISPLAYS

31-35 Wortley Road, Croydon CR0 3EB
Tel: 0844 800 1020
sales@discountdisplays.co.uk
www.discountdisplays.co.uk
Discount Displays are UK based experts in all things display and signage. As well as a huge range of hardware for exhibitions, events and retail, we also specialise in large format print solutions. We're able to offer super low trade prices on a variety of printed signage, all produced in-house using high quality inks and materials. Visit our website for more information and to view our full range.

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