











Need Bespoke Signage manufactured? Give us a call today

0118 981 5343

WIN OF EN BRANCH



Signs & Awnings Wholesaler

London Branch: 020 7237 8000 / Chichester Branch: 01243 513379

# VILLABOND® ALUMINIUM COMPOSITE PANELS





E 1 A METER



T8 LED SAVER REPLACEMENT TUBES



# MODULES 8 TRANSFORMERS POWERED BY SAMSUNG



# TROUGH LIGHTS LIGHT BOXES

**MADE TO MEASURE** 









www.signupdate.co.uk

Allens Orchard, Chipping Warden, Banbury, Oxon, OX17 1LX.

### CONTENTS

| 5 Welcome p |
|-------------|
|-------------|

#### 6 **Product news and updates**

16

Achieving vibrant colour comes down to the quality of the ink

24 Training

In 2019 Antalis will launch a new identity for its Academy

25 **Product choice** 

Who is using what and why

36 Interview

FASTSIGNS' global CEO Catherine Monson

37

How can I get digital signage right first time?

40 Software

> Software is intrinsic to managing a productive business from efficient MIS to systems that ensure consistent colour and quality

48 **Project news** 

Sign and graphics showcase

58 Sign news

Business, events and people in the industry

67 Comment

Sign and display businesses are realising the potential of AR, AI and 3D

Classifieds 68

75 **Buyers Guide** 

Advertising Manager - Martin Hinchliffe......Tel: 01784 605 601 email: martin@signupdate.co.uk Editor - Sue Deane......Tel: 01784 605 602 email: editor@signupdate.co.uk Graphic Design - Tony Hinchliffe.....Tel: 01784 605 601 email: tony@signupdate.co.uk Accounts - Linda Hinchliffe......Tel: 01784 605 601 email: linda@signupdate.co.uk

Subscriptions - Annual subscriptions are £14.00 including postage and packing • Europe €28 • Rest of world £28 Send Cheques and postal orders made payable to Sign Update Ltd to:

Publisher - Roger Hinchliffe.....Tel: 01784 605 601

Subscriptions Department, Sign Update Ltd., Allens Orchard, Chipping Warden, Banbury, Oxon OX17 1LX

#### PRODUCTS AND EDITORIAL SUBMISSIONS

email: roger@signupdate.co.uk

Sign Update welcomes news and information relating to new and improved products for possible coverage within the news and review pages. Sign Update however accepts no obligation to provide coverage or return unsolicited products which are sent to it.

Sign Update is always delighted to receive correspondence hints and tips for articles which should be sent in the first instance in outline form, together with the author's name and address. Manuscripts, photographs and other materials will not be returned unless accompanied by a stamped address envelope. No responsibility is accepted for any unsolicited materials. Sign Update takes every effort to ensure the accuracy of the contents of the magazine and takes all reasonable care in

accepting advertisements for publication, but makes no representation as to their accuracy or quality. Sign Update or its agents accept no liability whatsoever for any claim or complaint from any contributor or third party as a result of any advertisement or editorial coverage. Sign Update gives no warranty as to the accuracy or validity of any claim made in the magazine or in any advertisement including any relating to the specification or originality of any goods or services. Advertisements are accepted only on the basis that the advertiser indemnifies the publisher or his agents against any claim brought by a third party for infringement or alleged infringement of its rights or any defamatory or derogatory statements or claim.







Prices from £8,495 ex. VAT including delivery installation 5 years on site

### 100% designed and manufactured in **Europe**

warranty

- Standard sizes up to 2.2m wide and 7m long
- Custom sizes available
- Mount on any flat media up to 60mm thick
- Optional end cutter
- Allows single operator mounting
- Eliminates bubbles and creases
- Operate from either side

Josero Limited Tel: +44 (0) 1954 232564 Email: info@josero.com www.josero.com





No ink optimisation

**GMG** InkOptimizer Up to 30% Up to 47% ink savings

**GMG** G-Turbo ink savings

With raw material costs going up, isn't it time some operating costs in your business went down? GMG InkOptimizer reduces ink on the press significantly whilst retaining the quality of the image. Call now on 01603 789111 or email sales@gmgcolor.co.uk for a demo.



# WELCOME Page

### New year, fresh challenges

As we start another year many of you will have plans for expansion, investing in new equipment and personnel – all with the aim of providing an excellent service to your customers who demand ever more value for their money. There may be uncertainties with regard to the economy but the sign industry, as with all manufacturing, has been there before and will no doubt rise to the challenge. One piece of good news for the sign and display industry came from the Chancellor's budget at the end of October when he announced a cut in business rates for business properties with a rateable value of £51,000 or less.

In this issue we bring you special features on the importance of ink quality to the finished product and developments in software that help improve overall efficiency, improve quality and accuracy or achieve consistency. We have a recent interview with Fastsigns CEO Catherine Monson, while the Toolbox feature tackles digital signage and how to get it right first time

In addition, we have the latest product and sign industry news, along with a diverse range of projects and equipment applications. The next issue will include special features bringing you the latest developments in Flex Face signage and Fixtures & Fittings.

Sue Deane Editor







# PRODUCT News

### Self-adhesive metal effect films in classic shades

ASLAN has expanded its portfolio of special effect films with the introduction of the MetalLux ASLAN SE 50 in Champagne and Platinum. These classic shades are said to impress by their elegant appearance, trendy and timeless.

When applied to a smooth, compatible surface, the silky matt shades come into full effect. While Champagne creates a warm ambience, Platinum brings a touch of "cool elegance to every interior space". These self-adhesive films can be used to cover complete surfaces or plotter cut to produce spectacular highlights to any graphic design or logo.

Due to their 50 µm thickness, both Champagne and Platinum are easy to handle and apply. ASLAN recommends a dry application but wet reduces static charges and makes repositioning even easier. It is important to press the water out completely and carefully with the use of a squeegee.

Any slight visible marks that may appear while using a squeegee are easily removed with a microfiber cloth. Both films are perfectly suited for shop fitting, exhibition stand design, visual merchandising and interior design. These self-adhesive metal effect films are



These self-adhesive films can be used to cover complete surfaces or plotter cut to produce spectacular highlights to any graphic design or logo.

specifically designed for the decoration of smooth surfaces. This makes them ideal for application to flat areas on furniture, ceilings and walls - whether applied to large areas for a complete surface design or as an individually set highlight. Surfaces should always be cleaned thoroughly to

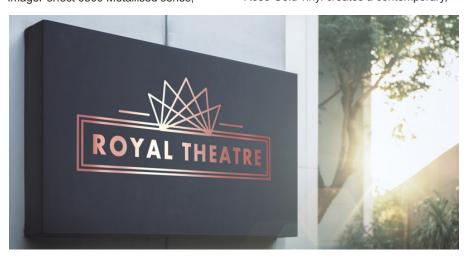
achieve that trendy and yet timeless classic effect. MetalLux ASLAN SE 50 Champagne and Platinum have an outdoor durability of two years and are available in the dimensions 25 x 1.25 m.

www.ASLAN-Schwarz.com

### Rose gold finish for metallised vinyls

Spandex has introduced Rose Gold vinyls in both mirror and brushed finishes to its ImagePerfect 6500 Metallised series,

complementing the existing range of mirror and brushed effects in gold and silver. The Rose Gold vinyl creates a contemporary,



The new films offer a three-year outdoor durability for flat or slightly curved surfaces.

high end design, which makes it ideal for restaurants and other lifestyle business locations, as well as retail spaces and other commercial environments.

Both of the new films are 122 cm wide and offer a three-year outdoor durability for flat or slightly curved surfaces. They are available now from Spandex to purchase by the metre.

General manager Leon Watson comments: "Rose Gold is an extremely attractive colour and a popular option in many markets. By adding mirror and brushed Rose Gold finishes to our ImagePerfect 6500 Metallised Series, we hope to make the colour more accessible to our customers who are looking to create a luxurious finish, without the need to purchase more expensive alternatives."

www.spandex.com

### Multi-function dye-sublimation printer meets market demand for flexibility

Responding to market demand for production flexibility in the digital textile print sector, Roland DG has launched the multi-function Texart RT-640M digital dyesublimation printer said to enable direct-to-textile and indirect sublimation printing in a single, powerful device.

The latest addition to Roland's Texart dyesublimation range, the RT-640M's printing capabilities make it possible to print directly onto polyester-based fabrics and dye-sublimation transfer paper, using the same ink and RIP.

Paul Willems, head of business development and product management, Roland DG EMEA comments: "Digital technology is ideally suited to today's 'print-on-demand' and short-run production models and the RT-640M is the ultimate flexible digital textile print solution, enabling sign makers to deliver agilely across a huge range of applications. Its direct printing capabilities make it ideal for businesses that want to print double-sided items such as flags and banners."

The RT-640M makes it possible to print directly onto polyester fabrics for a range of applications (visual communication, fashion, sports and décor), as well as rigid items such as promotional objects, rigid boards, Chromaluxe, ceramic tiles and stretch fabrics when printing on paper for indirect sublimation. In addition, the RT-640M can be paired with a 3D vacuum oven to create sublimated 3D objects for promotional or industrial use. When printing directly to textile, the RT-640M is compatible with many single and double-



When printing directly to textile, the RT-640M is compatible with many single and double-sided polyester fabrics.

sided polyester fabrics including flag. mesh fabric, backlit, voile, block-out and banners. Enhanced features ensure even tensioning and precise, accurate prints onto the thinnest material.

Specially formulated for Texart sublimation devices, Roland Texart ink offers fast drying times and transfer rates plus a wide colour gamut ranging from dense blacks to high intensity orange and violet, eyecatching fluorescents and soft pastel shades for vivid colours, smooth gradations and super-sharp images. Included with the RT-640M, ErgoSoft Roland Edition 2 RIP software further accelerates productivity.

"The Texart RT-640M multi-function sublimation solution really is the first of its kind on the market and offers exceptional performance at an accessible price point," continues Paul "There is huge profit potential for savvy print suppliers in the growing digital textile print sector and the RT-640M is the ideal entry point system.

"Everything we do is intended to help our users explore both their creative and business potential and the RT-640M has been designed specifically to meet our users' requirements.'

www.rolanddg.co.uk



New colours and finishing have been introduced.

### **User-friendly adhesive film** now with brilliant finishes

APA has unveiled new colours and finishing in the Wrapfilm SuperCandy collection, a high quality material with radiant and brilliant effects, offering versatility and user friendliness.

Innovative interior design films offer fitting solutions for the refurbishment and decoration of all domestic environments. In particular, the new line of ultra-resistant films, "where the OverTop range stands

out as a replacement for materials used in the coating of furniture".

In addition, the updated T-Shirt film collection of thermo-weldable film for fabrics, has been designed by professionals for an easy, creative and imaginative use even in fashion.

www.apaspa.com



# PRODUCT News

### Simple solution for short-term applications

Innotech Digital has launched a new 'essentials' range of self-adhesive vinyls and laminates, which they believe will offer a time-saving solution for signmakers and interiors on short term, economy applications. VistaMAX includes everyday products to provide entry level products that are easy to use and select from, each with clear applications and benefits. Designed for quick and easy application, they can be effectively protected by the lamination films included within the range for optimal colour and performance.

**VistaMAX Monomeric Permanent White** Air Escape Vinyl 100 (gloss or matt): is a calendered vinyl ideal for indoor and short-term outdoor signage, PoS advertising and window decoration. Suitable for application to flat or slightly curved surfaces, it features Air Escape technology which uses tiny perforations to prevent the formation of bubbles, making it swift and easy to apply. This vinyl has a 140gsm liner with grey acrylic-based permanent adhesive for improved opacity which means it can be successfully applied over other graphics without showthrough. Suitable for Solvent, Eco-Solvent, UV-C and Latex inks, it is available in 1370 or 1600mm widths on a 50m roll.

VistaMAX Monomeric Permanent White Greyback Vinyl 100 (gloss or matt): a calendered vinyl for indoor and short-term outdoor signage, PoS advertising and window decoration. It boasts excellent dimensional stability and although it has a permanent adhesive, graphics can be removed in the short term, leaving little residue. This vinyl has a 140gsm liner with



Designed for quick and easy application, VistaMAX vinyls can be effectively protected by the lamination films included within the range for optimal colour and performance.

grey acrylic-based permanent adhesive for improved opacity so it can be successfully applied to other graphics without showthrough. Suitable for Solvent, Eco-Solvent, UV-C and Latex inks, it is available in 1370 or 1600mm widths on a 50m roll.

VistaMAX Monomeric Permanent White Gloss or Matt Vinyl (80 or 100): a calendered vinyl ideal for indoor and shortterm outdoor signage, PoS advertising and window decoration. This vinyl has a 140gsm liner with clear acrylic-based pressure sensitive adhesive; graphics can be removed in the short term with minimal residue. Suitable for Solvent, Eco-Solvent, UV-C and Latex inks, and available in 1370 or 1600mm widths on a 50m roll.

VistaMAX Monomeric Removable White Matt Greyback Vinyl 100: this calendered vinyl has an attractive matt finish and is removable, making it ideal for indoor and short-term outdoor signage, PoS advertising and window decoration.

If applied correctly, the vinyl will remove cleanly without leaving any residue. Boasting excellent dimensional stability and flatness, this vinyl has a 140 gsm liner with grey adhesive for superior opacity, allowing it to be applied over other vinyls without show-through. Suitable for Solvent, Eco-Solvent, UV-C and Latex inks and available in 1370 or 1600mm widths

VistaMAX Monomeric Lamination Films - gloss and matt options: 60-micron, PVC lamination films designed for application to printed vinyl to enhance the vibrancy and overall appearance while prolonging the life of the graphic. Suitable for use with compatible vinyls from the VistaMAX range they are coated with an 18g clear acrylic pressuresensitive adhesive for reliable application that keeps vinyl signage looking sharp for longer, both indoors and out and available in 1370 or 1600mm widths on a 50m roll.

### Colour change vinyls in vehicle wrap portfolio



New films include Avery Dennison SWF Gloss Pearl White Snow

Spandex has introduced six new colours from Avery Dennison's Supreme Wrapping Film (SWF) series of colour change wrapping vinyls including gloss sand sparkle, gloss rock grey, matte olive green, satin dark basalt, gloss pearl white snow and satin safari gold.

All are available now from Spandex at a 152.4cm width. The films include Avery Dennison's Easy Apply RS technology, which means the films can be easily repositioned and moved and can save application time by up to 25%. General manager Leon Watson comments: "Avery Dennison has a huge range of products, comprising different finishes and effects.

The six additions further strengthen its position as a leader of high quality wrap films and increase the Supreme Wrapping Film range to over 100 colours and finishes, offering customers plenty of choice when it comes to decorative vehicle wrap films."

www.spandex.com

# SIGNS<sup>2</sup> SIGNS





20mm to 350mm

> Cost effective solution







www.perspex.co.uk/BaltLED



Built Up Letters & Logos • Flat Cut Letters & Logos Fret Cut Composite Sign Trays • Acrylic Fabrication

sales@signs2signs.com www.signs2signs.com

0 | 6 | 6 | 8 | 7 5 | 5





# PRODUCT News

## Single-pass textile printer offers high uptime and reliability

EFi's advanced Reggiani BOLT textile ultra high speed digital single-pass printer has "the potential to revolutionise the textile printing market, providing users with high uptime and reliability, outstanding performance, superior printing uniformity and accuracy, long printhead life and minimal maintenance needs".

"This innovative development comes from Reggiani's speed of innovation in digital textile printing, its 70 years of history and our proprietary knowledge of high volume analogue rotary printing," says vice president and general manager Adele Genoni. "Our proven, worldwide expertise in single-pass technology and serious commitment to listening to and addressing our textile customers' needs have allowed us to achieve incredible results with our newest print technology.

"The EFI Reggiani BOLT rewrites the rules of digital textile single-pass printing, delivering superior throughput and quality with a highly competitive return on investment for customers. We're excited to bring this technology to our customers and see their businesses succeed and grow."

The BOLT offers a low maintenance, fast start-up recirculation printhead that delivers better, more uniform printing with superior uptime. Thanks to its cutting-edge printhead concept and high performance ink delivery system, the BOLT has throughput speeds of up to 90 metres per minute (more than 8,000 square metres per hour) at a 600 x 600 dpi resolution.

It features high end greyscale imaging in drop sizes from 5 to 30 picolitres and

"This machine meets growing requirements for high quality, ecologically sustainable digital textile imaging in apparel, décor and other markets"



Thanks to its cutting-edge printhead concept and high performance ink delivery system, the BOLT has throughput speeds of up to 90 metres per minute.

provides premium quality 600 x 4,800 maximum dpi resolution printing, allowing customers to address the full range of design needs.

This machine meets growing requirements for high quality, ecologically sustainable digital textile imaging in apparel, décor and other markets. Paired with an EFI Fierv digital front end (DFE) print server offering high speed processing capabilities on demand, the BOLT printer is a robust, industrial platform designed for 24/7 operation and continuous productivity that drives high volume throughput while reducing the cost per metre. Additional new features and enhancements on the printer include: the printer's contactless wiping system prolongs printhead life and quality; it comes with an assisted alignment system for its test calibration scan unit and features extractable printing beams for easier maintenance..

Thanks to EFI expertise in colour management and flexible configurations, customers can easily reproduce a wider variety of work including designs featuring plain colours, geometric patterns, fine lines, deep blacks and smooth gradients.

One or more analogue printing stations, which may be easily connected as an optional feature, can be integrated into the digital printer for special effects. A Fiery

Driven printer, it features an EFI Fiery DFE with RIP and colour management technologies running on Fiery XB bladed hardware for maximum performance. Fiery technologies for the printer give textile printing businesses the ability to produce highly challenging jobs with the finest detail, demanding colours, smooth gradients and more.

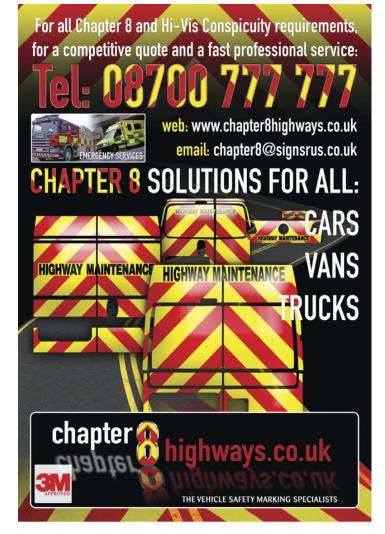
EFI colour scientists developed special algorithms and custom screening for this Fiery system to deliver vivid print results, including high saturation without losing detail, and superior colour even when using the fastest print mode.

Fiery technologies for the new Reggiani BOLT printer will include a 1-year subscription to EFI Fiery DesignPro, a powerful textile and fashion design suite that runs inside designers' Adobe Creative Cloud applications. It reduces the time needed to create colour books, repeats, colourways and prepare files for production to minutes instead of hours.

Together, the new Reggiani BOLT singlepass printer and Fiery technologies address key market trends as customers face pressure for faster time-to-market, quick fashion cycles, shorter print runs and more customisation.

www.efi.com







# PRODUCT News

## Hot air hybrid inkjet printer offers wide substrate capability

Mutoh Europe has introduced a new member to its ValueJet wide format digital printer family. The 1627MH is a 64" (1625 mm) wide hybrid printer featuring a hot air knife media drying system and resinbased inks enabling direct printing on both rigid and roll substrates. Prints are dry when they come off the printer. The ValueJet 1627MH incorporates a high end piezo drop-on-demand print head capable of producing print resolutions up to 720 x 1440 dpi, making it suited for top quality output for short viewing distances.

The ValueJet 1627MH comes with a new CMYK + White resin-based ink set called MP-31; MP stands for multi-purpose, which refers to the versatility of the inks. They allow direct printing on white, transparent and coloured rigid substrates including foam board, cardboard, alu panel; even on acrylic sheets as well as rigid sheets for thermo forming (PVC, PS, PP, APET, PLA). Printing on white, coloured and transparent roll substrates is possible, including heat sensitive media, shrink film and recyclable non-PVC media. Mutoh's MP-31 series inks have a UV durability up to two years outdoors without lamination.

MP-31 inks are extremely stretchable and shrinkable, making them equally suited for high stretch applications including car wrapping as well as thermo/vacuum forming and shrink applications. These inks will preserve the natural texture and look of substrates including for example



The Mutoh ValueJet 1627MH is suitable for sign and display print shops for the production of both indoor and long-term outdoor prints.

matte or glossy look. The Mutoh ValueJet 1627MH is suitable for sign and display print shops for the production of both indoor and long-term outdoor prints, as well as for graphics companies looking for a digital solution for proofing. For rigid printing, the printer can be equipped with foldable rigid print tables. It handles rigid substrates with a thickness of maximum 16 mm and a weight of maximum 15 kg.

An optional media alignment system can be mounted to easily align rigid media at the front side, which allows perfect doublesided printing. The 1627MH can be used with customised jigs for printing on all kinds of pre-cut blanks For roll prints, the five colour 1627MH can be equipped with

a 30 kg automated take-up system to roll up finished prints. Switching between rigid and roll setup is fast. Compared to its predecessor, the new VJ-1627MH delivers a performance increase of up to 20 %. In CMYK setup, print speeds up to 12 m<sup>2</sup> per hour at 720 x 720 dpi are possible.

Mutoh has improved the user interface, implementing semi-automated cleaning cycles as well as automated media height measurement, ensuring perfect output thanks to an identical gap between the print head and the substrate, regardless of the substrate thickness.

www.mutoh.eu

### Food-safe counter mat solution for POP advertising

Drytac has launched the ArmourPrint Emerytex and ArmourGrab combination counter mat solution. Armour Print



Their slip-resistant qualities allow these products to be used for applications including placemats and mouse pads.

Emerytex is a clear, heavy-duty, slipresistant monomeric 15 mil (381µm) PVC film with a matte pebble textured finish on one side and a smooth printable surface on the other. Approved by the FDA for incidental food contact, it is "ideal for advertising applications in hospitality and retail environments".

ArmourGrab is an 8 mil (203µm) co-extruded white anti-slip film coated with a heavy coat weight, permanent, pressure sensitive clear acrylic adhesive. Used together, the two products create a foodsafe counter mat solution ideal for eye-catching POP advertising.

Slip-resistant qualities allow these products to be used for applications

including placemats and mouse pads. UV protection enables outdoor use, while a moisture barrier protects the printed image and aids hygiene.

No white ink is needed to create vivid and eye-catching counter mats as the white ArmourGrab backs the ArmourPrint Emerytex to eliminate the extra cost of printing with white.

"The combination of ArmourPrint Emerytex and ArmourGrab creates a solution that is both safe and effective as counter-top advertising in fast food outlets, convenience stores, bars and more," says global product manager Shaun Holdom.'

www.drytac.com





6<sub>m</sub>m

12<sub>mm</sub>

**18mm** 

0.58

1.10

1.90

2.70

Add 20% for locators and layout



# Checury Phillips Signs

|   |  | LIVO   | " L/\                                      | CO                                  | ours (                                | 301a &                                | Silve                          | r aaa                              | 10%                       | ioi do                                    | iu & s   | iiver                                    |   |                                  | ±18   | + VAI  | minim   | um cn   | arge +  | curriage  |
|---|--|--|--|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------|------------------------------------|---------------------------|---|--|--|---|----------------------------------|---|--|---|---|---|---|
| Height  | 75mm   | 100mm  | 125mm                                      | 150mm                               | 175mm                                 | 200mm                                 | 225mm                          | 250mm                              | 275mm                     | 300mm                                     | 350mm  | 400mm                                    | 450mm                                     | 500mm                            | 550mm   | 600mm  | 700mm   | 800mm   | 900mm   | 1200mm  |
| 3mm   | 0.90   | 1.18   | 1.28                                       | 1.50                                | 1.87                                  | 2.41                                  | 2.94                           | 3.32                               | 4.01                      | 4.65                                      | 5.89   | 7.49                                     | 8.56                                      | 9.63                             | 11.77   | 14.45  | 18.19   | 32.10   | 39.49   | 48.00   |
| 5mm   | 1.30   | 1.77   | 1.93                                       | 2.46                                | 3.10                                  | 3.75                                  | 4.23                           | 5.78                               | 6.90                      | 8.03                                      | 9.36   | 10.70                                    | 12.84                                     | 15.52                            | 17.91   | 19.26  | 25.15   | 32.10   | 48.15   | 62.00   |
| 10mm  | 2.50   | 3.00   | 3.96                                       | 4.92                                | 6.15                                  | 7.86                                  | 9.15                           | 12.84                              | 13.91                     | 16.85                                     | 19.30  | 23.01                                    | 26.22                                     | 30.50                            | 34.24   | 38.52  | 53.50   | 78.11   | 100.58  | 130.00  |
| <b>FOAM</b>   | PV   | C (a   | II ava                                     | ilable                              | colou                                 | ırs - 10                              | 0mm                            | & 19r                              | nm a                      | vailab                                    | le in v  | vhite (                                  | only)                                     |                                  | £18   | + VAT  | minim   | um ch   | arge +  | carriage  |
| Height  | 75mm   | 100mm  | 125mm                                      | 150mm                               | 175mm                                 | 200mm                                 | 225mm                          | 250mm                              | 275mm                     | 300mm                                     | 350mm  | 400mm                                    | 450mm                                     | 500mm                            | 550mm   | 600mm  | 700mm   | 800mm   | 900mm   | 1200mm  |
| 3mm   | 0.75   | 1.10   | 1.16                                       | 1.25                                | 1.35                                  | 1.57                                  | 1.98                           | 2.39                               | 2.70                      | 3.02                                      | 3.88   | 4.78                                     | 5.41                                      | 5.82                             | 6.97  | 8.22   | 10.92   | 17.16   | 19.76   | 22.50   |
| 5mm   | 0.95   | 1.30   | 1.61                                       | 1.98                                | 2.39                                  | 2.81                                  | 3.22                           | 3.54                               | 4.11                      | 4.68                                      | 5.84   | 6.86                                     | 7.80                                      | 8.32                             | 9.67  | 11.02  | 17.16   | 23.40   | 26.00   | 28.50   |
| 10mm  | 1.70   | 1.98   | 2.70                                       | 3.74                                | 4.37                                  | 5.04                                  | 6.19                           | 7.20                               | 8.22                      | 9.15                                      | 11.02  | 13.10                                    | 15.60                                     | 17.16                            | 19.24   | 22.36  | 27.04   | 31.20   | 47.32   | 56.00   |
| 19mm  | 2.80   | 3.95   | 4.58                                       | 4.99                                | 6.66                                  | 7.80                                  | 9.36                           | 10.92                              | 13.21                     | 15.50                                     | 16.64  | 19.44                                    | 22.36                                     | 24.75                            | 26.83   | 30.16  | 38.48   | 41.60   | 55.64   | 84.50   |
| 3mm A   | LU   | MI   | NII  | JN                                  | C                                     | MC                                    | PC                             | SI                                 | TE                        | (Dibe                                     | ond, A   | lupar                                    | nel)                                      |                                  | £18   | + VAT  | minim   | um ch   | arge +  | carriage  |
| Height  | 75mm   | 100mm  | 125mm                                      | 150mm                               | 175mm                                 | 200mm                                 | 225mm                          | 250mm                              | 275mm                     | 300mm                                     | 350mm  | 400mm                                    | 450mm                                     | 500mm                            | 550mm   | 600mm  | 700mm   | 800mm   | 900mm   | 1200mm  |
|   |  |  |  |                                     |                                       |                                       |                                |                                    |                           |   |  |  |   |                                  |   |  |   |   |   |   |
| Colours   | 1.65   | 2.12   | 2.65                                       | 3.13                                | 3.71                                  | 4.77                                  | 5.83                           | 6.99                               | 8.06                      | 8.94                                      | 10.88  | 12.19                                    | 14.84                                     | 16.96                            | 18.02   | 21.73  | 25.97   | 37.10   | 48.76   | 66.78   |
| Colours<br>Mirror                                   | 1.65<br>2.50                                 | 2.12<br>3.06                                 | 2.65<br>4.24                               | 3.13<br>5.30                        | 3.71<br>6.89                          | 4.77<br>8.48                          | 5.83<br>9.54                   | 6.99<br>11.66                      | 8.06<br>14.31             | 8.94<br>16.96                             | 10.88<br>18.55                                       | 12.19<br>21.20                           | 14.84<br>24.91                            | 16.96<br>28.09                   | 18.02<br>29.68  | 21.73<br>34.45   | 25.97<br>40.28                                    | 37.10<br>50.35                                | 48.76<br>54.06  | 66.78<br>102.29   |
|   | 100000                                       |  |  |                                     |                                       |                                       |                                |                                    |                           |   |  | Lance of the second                      |   |                                  |   |  |   |   |   |   |
| Mirror  | 2.50   | 3.06   | 4.24<br>2.97                               | 5.30<br>3.71                        | 6.89                                  | 8.48<br>5.19                          | 9.54<br>6.25                   | 11.66<br>7.42                      | 14.31                     | 16.96                                     | 18.55<br>12.19                                       | 21.20                                    | 24.91<br>16.96                            | 28.09<br>18.55                   | 29.68   | 34.45  | 40.28   | 50.35<br>41.34                                | 54.06<br>51.94  | 102.29  |
| Mirror<br>Brushed                                   | 2.50   | 3.06   | 4.24<br>2.97                               | 5.30<br>3.71                        | 6.89                                  | 8.48<br>5.19                          | 9.54<br>6.25                   | 11.66<br>7.42<br>(Com              | 14.31<br>9.01<br>es in it | 16.96<br>10.60                            | 18.55<br>12.19<br>form r                             | 21.20<br>13.78<br>eady f                 | 24.91<br>16.96<br>or co                   | 28.09<br>18.55<br>ating)         | 29.68   | 34.45  | 40.28<br>30.74<br><i>minim</i>                    | 50.35<br>41.34<br>um ch                       | 54.06<br>51.94<br>arge +                                    | 102.29<br>71.55   |
| Mirror<br>Brushed                                   | 2.50   | 3.06<br>2.33                                 | 4.24<br>2.97                               | 5.30<br>3.71                        | 6.89                                  | 8.48<br>5.19                          | 9.54<br>6.25                   | 11.66<br>7.42<br>(Com              | 9.01<br>es in it          | 16.96<br>10.60                            | 18.55<br>12.19<br>form r                             | 21.20<br>13.78<br>eady f                 | 24.91<br>16.96<br>or coo                  | 28.09<br>18.55<br>ating)         | 29.68<br>20.67<br>£18                                     | 34.45<br>23.32<br>+ <i>VAT</i>                                     | 40.28<br>30.74<br><i>minim</i><br>m 500r          | 50.35<br>41.34<br><i>um ch</i>                | 54.06<br>51.94<br>arge +                                    | 102.29<br>71.55<br>carriage                                   |
| Mirror<br>Brushed<br>MILL F<br>Height               | 2.50<br>1.85<br>50mm                         | 3.06<br>2.33<br>5 H                          | 4.24<br>2.97<br>A L                        | 5.30<br>3.71<br>0mm                 | 6.89<br>4.24<br>125mm                 | 8.48<br>5.19<br>150mn                 | 9.54<br>6.25<br>n 175r         | 11.66<br>7.42<br>(Com<br>mm 20     | 9.01<br>9.01<br>es in it  | 16.96<br>10.60<br>ts raw<br>225mm         | 18.55<br>12.19<br>form re<br>250mr                   | 21.20<br>13.78<br>eady f<br>n 275r<br>12 | 24.91<br>16.96<br>or coo<br>mm 30<br>24 1 | 28.09<br>18.55<br>ating)         | 29.68<br>20.67<br>£18<br>375mm                            | 34.45<br>23.32<br>+ <i>VAT</i><br>425mr                            | 40.28<br>30.74<br>minim<br>500i<br>28.            | 50.35<br>41.34<br><i>um ch</i><br>mm 60<br>51 | 54.06<br>51.94<br>arge +                                    | 102.29<br>71.55<br><i>carriage</i><br>700mm                   |
| Mirror<br>Brushed<br>MILL F<br>Height<br>2mm        | 2.50<br>1.85<br>50mm<br>2.88                 | 3.06<br>2.33<br>75mr<br>4.03                 | 4.24<br>2.97<br>m 100<br>4.5               | 5.30<br>3.71<br>0mm 2<br>6 6        | 6.89<br>4.24<br>25mm                  | 8.48<br>5.19<br>150mn<br>6.89         | 9.54<br>6.25<br>n 175r<br>7.69 | 11.66<br>7.42<br>(Comman 20<br>8.6 | 9.01<br>9.01<br>es in it  | 16.96<br>10.60<br>225mm<br>10.02          | 18.55<br>12.19<br>form re<br>250mr                   | 21.20<br>13.78<br>eady f<br>n 275r<br>12 | 24.91<br>16.96<br>mm 30<br>24 1<br>25 1   | 28.09<br>18.55<br>ating)<br>00mm | 29.68<br>20.67<br>£18<br>375mm<br>16.80                   | 34.45<br>23.32<br>+ <i>VAT</i><br>425mr<br>19.93                   | 40.28<br>30.74<br>minim<br>500r<br>28.            | 50.35<br>41.34<br>um ch<br>mm 66<br>51 3      | 54.06<br>51.94<br>arge +<br>00mm<br>38.16                   | 102.29<br>71.55<br><i>carriage</i><br>700mm<br>49.50          |
| Mirror<br>Brushed<br>MILL F<br>Height<br>2mm<br>3mm | 2.50<br>1.85<br>50mm<br>2.88<br>3.20<br>3.50 | 3.06<br>2.33<br>75mi<br>4.03<br>4.45<br>4.88 | 4.24<br>2.97<br>M 100<br>4.5<br>5.0<br>5.8 | 5.30<br>3.71<br>0mm 7<br>6 6<br>9 6 | 6.89<br>4.24<br>2.5mm<br>5.10<br>5.25 | 8.48<br>5.19<br>150mn<br>6.89<br>7.21 | 9.54 6.25 175r 7.69 8.06       | 11.66<br>7.42<br>(Comman 20<br>8.6 | 14.31<br>9.01<br>es in it | 16.96<br>10.60<br>225mm<br>10.02<br>10.28 | 18.55<br>12.19<br>form re<br>250mn<br>11.13<br>11.50 | 21.20<br>13.78<br>eady f<br>n 275r<br>12 | 24.91<br>16.96<br>mm 30<br>24 1<br>25 1   | 28.09<br>18.55<br>24.79          | 29.68<br>20.67<br>£18<br>375mm<br>16.80<br>18.97<br>22.95 | 34.45<br>23.32<br>+ <i>VAT</i><br>425mr<br>19.93<br>22.68<br>26.50 | 40.28<br>30.74<br>minim<br>5000<br>3 28.<br>3 31. | 50.35 41.34  um ch mm 66 51 3 69 4 84 5       | 54.06<br>51.94<br>arge +<br>00mm<br>38.16<br>44.52<br>51.94 | 102.29<br>71.55<br><i>carriage</i><br>700mm<br>49.50<br>66.00 |

MOLII DED ACRYLIC I ETTERING

1.72

2.23

3.42

1.92

3.11

4.46

2.84

4.46

5.57

2.99

5.15

6.77

3.47

5.99

8.35

4.15

6.74

9.35

4.78

8.03

11.60

5.67

10.08

13.39

7.25

11.03

15.96

(Including locators and paper template) \*ADD 10% FOR SILVER & GOLD

10.24

12.81

18.27

11.81

15.23

Add 30% for Cladded fascia drawing

22.31

13.39

24.05

15.70

20.74

31.45

47.78

62.95

94.11

| Height   | 152mm | 203mm | 254mm | 305mm | 380mm | 457mm | 610mm |
|----------|-------|-------|-------|-------|-------|-------|-------|
| Colours* | 6.14  | 9.22  | 14.50 | 15.85 | 21.50 | 25.48 | 44.75 |

Stock Styles: HELVETICA BOLD, TIMES BOLD & CLARENDON MEDIUM

Quotes for logos & non-standard typestyles

Quotes on request for extended typestyles, logos, flame polishing and spraying All prices are exclusive of VAT. Delivery at £20.00 on all orders upto £300

Discounts Available ... over £50 - 3% over £100 - 4% over £300 - 5%

**Tel: 01603 666699 F: 01603 616781** sales@mercuryphillips.co.uk

Check out our website - www.mercuryphillipssigns.co.uk

### **OTHER TRADE SERVICES:**

ACRYLIC FABRICATION, MOULDING, SCREEN & DIGITAL PRINT, ETCHING (ENGRAVING) & METAL FABRICATION

# trade services

Totally in-house production facilities allow us to have complete control over your requirements. Established since 1962, our highly experienced staff will be able to advise and quote on your requirements.

why not take advantage....

### **→** Acrylic Fabrication

Built up letters and logos, industrial and medical covers and guards, point of sale, display cases and much more...

CNC cutting and routering.

Diamond and flame polishing facilities.

### → Moulding

From design to finished job. We can create your tooling and produce from a large range of materials such as: PETG, Acrylic, Hips, ABS and more...

### **→** Screen & Digital print

From 1 to 100,000 printing on automated machines. Full colour up to 1500 x 1000mm on a large range of materials..

### **⇒** Etching & Engraving

Your design on to stainless steel, brass, bronze and more. Filled spot or even full colour if required.

### **→** Metal Fabrication

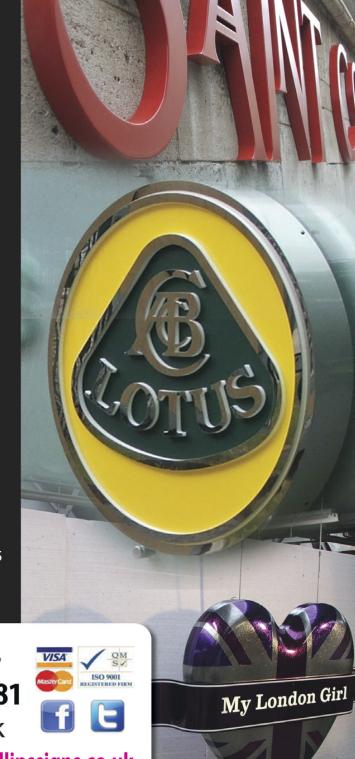
Built up letters from stainless steel, box and pan form trays in composite, aluminium and steel. Bespoke one-offs.

### call mercury phillips today..

T: 01603 666699 F: 01603 616781

sales@mercuryphillips.co.uk

Check out our website - www.mercuryphillipssigns.co.uk





### INKS Feature

### Think about Ink

Achieving vibrant colours when printing comes down to the quality of ink and the constant development of products over the years. Kathryn Johnson learns more about the production of ink and what's the latest on inks from major printers.

### Nearly 100 years of ink expertise

Nazdar offers an extensive range of custom and market-ready ink solutions for print businesses across many sectors, thanks to nearly 100 years of ink development expertise and collaborations with equipment and printhead manufacturers. Here the company tells us more.

Much of the company's success is based on its technical expertise. Nazdar has continued to evolve and has a full range of digital inks for all the leading wide-format printers; such as those manufactured by Agfa, Durst, Epson, Fujifilm, HP, Mimaki, Mutoh and Roland. These inks have been developed as direct replacements for specific original equipment manufacturer (OEM) inks and have been through a thorough and rigorous testing process both in the laboratory and at carefully selected beta sites - so there is no quesswork.

The biggest challenge a user may face is deciding to switch to alternative inks. Alternative inks have been given a bad 'rap' over the years thanks to the inferior products being produced by some manufacturers. But there are many good alternative inks available, such as those

produced by Nazdar, which offer excellent quality and consistency, backed up by 'rock-solid' service and support. It is crucial that print service providers (PSPs) should choose an ink that comes wellrecommended by others within the industry.

With a renowned R&D team and over 100 distributor locations around the globe, Nazdar alternative inks are consistently high quality and accessible



The benefits of alternative inks are numerous. In the wide-format solvent market, alternative inks provide users with a significant cost-savings compared to OEM inks. Crucially, Nazdar inks perform the same, if not better, than their OEM counterparts when it comes to colour gamut, dry time and preventative maintenance. This allows the user to make an easy 'plug & play' transition to alternative inks as there is no need to spend time re-profiling or adjusting print settings. The conversion process should be as simple as pulling the OEM cartridge out and replacing it with the alternative ink cartridge.

In the super-wide format and UV-curable market, the benefits of alternative inks are even more compelling. These benefits include increased colour gamut, shorter dry times, faster print speeds and overall improved performance compared to OEM ink, as well as the price advantage. Since these machines are typically a higher investment when compared to a wideformat machine, the conversion process is more advanced. The conversion to alternative super-wide format ink usually requires an onsite visit by an authorised Nazdar technician, who can ensure that the new print settings allow the user to take full advantage of the inks' benefits.



Nazdar's range of inks go through a thorough and rigorous testing process in their laboratory

Consistency, both in the product and supply chain, is also key. If the ink formulation is not consistent, the users cannot produce saleable products. And if the user cannot obtain the ink due to supply shortages, production is stalled as new ink must be acquired. With a renowned R&D team and over 100 distributor locations around the globe, Nazdar alternative inks are consistently high quality and accessible.

Finally, reliability is crucial. You want to be buying your inks from a proven supplier of high-quality inks, with an excellent

customer service and support team in place, should you need help to ensure you continue to meet the demands of your end-user customers. Services such as Nazdar's innovative InkAnswers (InkAnswers@Nazdar.com) can prove invaluable to PSPs. A team of 30+ ink technicians, scientists, and industry consultants, field questions from multiple print applications - including digital inkjet, graphic screen, narrow web, pad printing and more – and delivers a prompt response, providing information and advice on ink solutions.

To profit from the cost-savings, and in many cases the improved performance offered by alternative inks, you need to ensure you have a reliable supplier with quality products and excellent customer support. When backed up with a comprehensive warranty it is a 'win-win' business case for converting to alternative ink solutions.

www.nazdar.com.



Nazdar has been making inks for nearly 100 years

### Roland DG manages colour

It's amazing what you can do with only four colours, says Roland DG. You can take cyan, magenta, yellow and black, and mix them together to achieve almost any colour you like.

Almost.

Although print service providers everywhere will be familiar with this system of colour management, they'll also know about the limitations all too well. While some colours are easy to hit, there are certain shades that can present problems. Bright greens, oranges and reds have historically been tough colours to match. And with corporate brands harder to impress than ever, this can mean the difference between securing a contract and losing business.

.....Continued on page 18



## INKS Feature

#### .....Continued from page 17

Because of the rising need for brandmatched colours. Roland DG has risen to the challenge and developed a solution capable of hitting up to 99% Pantone®+ Solid Coated colours, to satisfy the demands of large corporate clients.

The new VersaEXPRESS RF-640 8 Colour has been adapted from the technology of the successful RF-640 dual

To deliver the best combination of all eight colours, Roland have developed a RIP solution specifically for this specialist machine



Roland DG has risen to the challenge of matching their inks to brand colours

CMYK printer, a wide-format printing solution used by print professionals to create everything from signage to vehicle graphics. With the 8-colour version, Roland have created a solution designed to perfectly match brand colours. The standard configuration of CMYK is complemented by four additional channels for Light Black, Red, Green and Orange eco-solvent ink and the results need to be seen to be believed.

In its first advance preview at FESPA 2018, the 'jaw-dropping' output spoke for itself. Paul Willems, Business **Development and Product Management** Roland DG EMEA, said: "The impact of the prints coming off the RF-640 8 Colour literally stopped visitors in their tracks at FESPA. The incredible buzz around the vibrancy of colour, detail and overall print quality affirms that the RF-640 8 Colour really offers something unique to print service providers and we are excited to bring this solution to market today."

Aside from having the widest gamut in its class, prints from the RF-640 8 Colour provide up to three-years outdoor durability for all colours. For businesses that specialise in vehicle wraps and outdoor graphics, this is an ideal solution. It's particularly useful in industries like motorsport where vibrant graphics, multiple sponsors and gruelling conditions are important considerations.

When you have high-quality ink and innovative hardware, you need the best RIP package to complete the equation. To deliver the best combination of all eight colours, Roland have developed a RIP solution specifically for this specialist machine. ErgoSoft Roland Edition 2 SPECIAL PLUS RIP is designed to boost productivity; job and colour management; and deliver outstanding overall performance. It is included in the package price.

This goes to show that premium inks on their own don't ensure perfect output, but with intensive development in all areas of print technology, the results can be truly stunning.

It's amazing what you can do with only four colours, says Roland DG

www.rolanddg.co.uk



Our new range of SMD LED Floodlights come in 30W and 50W configurations. Using the latest technology – Bridgelux SMD LEDs and Mean Well power supplies – allows these Floodlights to be small and very powerful. Respectively, the units output 3600 and 6000 Lumens. Both are available in Pure White (6000K) and Warm White (3000K).

All of our products are very competitively priced.

### CIGNTRIM

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





### INKS Feature

### **Exciting new products from Mimaki**

Over the last year, Mimaki has added to its already substantial ink offering with a number of significant new products that are already directly benefiting sign makers and wide format printer users.

"Mimaki's heritage as a pioneering ink technology manufacturer stretches back decades," says Brett Newman, Chief Operations Manager at Mimaki's exclusive UK and Irish distributor, Hybrid Services. "It's this development that's driving companies' hardware purchasing decisions meaning it's at least as important as the development that goes into the machines themselves."

When it comes to manufacturing fashion and sportswear, offering a high-volume bulk ink solution for our latest dye sub printer brings unit costs right down



One example is the new clear ink that Mimaki has developed for its awardwinning UCJV Series LED UV printer/cutters. Bringing this to market has required Mimaki to employ its Clear Control technology for the first time in a roll-to-roll printer, whereby the time required for ink curing to prevent dust from sticking is reduced, ensuring a smoother, cleaner, clear effect.



White ink on a transparent substrate



Mimaki's range of dye sublimation machines have seen recent creative upgrades

The UCJV sits at the cutting edge of Mimaki's product range and through its innovative technology, delivers numerous benefits to sign makers and print providers. "Utilising flexible UV inks that cure instantly allows customers to quickly print and immediately laminate or deliver the finished product without waiting for drying. The Mimaki UCJV printers also feature white ink, enabling users to produce brilliant colours on transparent, coloured or metallic substrates. The introduction of clear ink also places the UCJV300 series into the prototyping and packaging environment," says Brett.

White and clear ink feature heavily in Mimaki's flatbed printer range, providing creative and highly functional solutions when printing to rigid substrates, promotional products, clear media and coloured items. "The variety of end products our users create on Mimaki's flatbed printers is nothing short of incredible," says Brett. "With different properties suitable for different substrates, a range of flexibilities and options featuring different adhesion levels as well as primers, mean even the most demanding of materials can be catered for."

These capabilities inherently promote the creative use of the printers and with its layered printing feature, the UCJV300 series can deliver dynamic backlit graphics; or graphics that are transformed with different light sources. "UV curable inks offer excellent opacity making them ideal for this sort of application. Mimaki's LUS-170 ink is GREENGUARD Gold certified, meaning that it meets the rigorous standards for low emission of volatile organic compounds (VOCs) and is acceptable for use in environments such as schools and healthcare facilities," says Brett.

Mimaki's recent ink developments haven't purely been constrained to the company's UV curing printers. Its range of textile and



Mimaki has a heritage of being a pioneering ink technology manufacturer

dye sublimation machines have seen recent creative upgrades with fluorescent inks adding a burst of colour for sportswear, dance apparel and fashion prints. And the newly announced TS55-1800 production dye sub printer's 10kg bulk ink option is delivering cost and performance improvements. "When it comes to manufacturing fashion and

sportswear, offering a high-volume bulk ink solution for our latest dye sub printer brings unit costs right down. Mimaki is innovating at many levels - ensuring the performance, creativity and value of the inks perfectly complement the range of machines," says Brett.

www.hybridservices.co.uk



Anne Sharp, UK & I Large Format Marketing Manager at HP tells Sign Update about their new Latex White ink:

"At FESPA earlier this year, we launched HP Latex White Ink, with disruptive quality and ease of use. White Ink is important for many applications and HP's Latex White Ink provides a 'true white' that ensures flawless whites across opaque or glossy mediums that doesn't yellow over time. It's also odourless, significantly more environmentally friendly, and requires far less manual maintenance. It results in less waste than traditional white cartridges when white ink is not used.

"HP Latex is an ink technology that replaces solvents with water as the core ingredient for the ink. With this, we can deliver an ink that is non-hazardous and non-flammable; and minimises the generation of VOCs (Volatile Organic Compounds) that are harmful for health and for the environment. Solvent inks continue emitting VOCs after being printed, which can pollute indoors, whereas Latex inks create very low VOCemitting prints, helping preserve indoor air

# WE PRINT AND FINISH CUTTING EDGE TEXTILES



Celebrating 30 Years in the Industry

# WE PRINT FOR THE FOLLOWING APPLICATIONS



# NATIONWIDE DELIVERY & INSTALLATION

Interested in working with us?

CONTACT Sales@jkndigital.co.uk 01772 722735

**USE CODE '30YEARS' FOR AN EXCLUSIVE OFFER** 



# TRAINING

### Antalis Academy takes fresh approach

In 2019 Antalis will launch a new identity for the Antalis Academy with a fresh approach to the courses and online learning opportunities. Academy manager Rick Lee highlights some of the changes you can expect to see.

The original rationale behind the Antalis Academy which launched in 2012 was to train our customers and employees in digital printing.

As part of its refresh for 2019, we've undertaken research to ensure we continue to add value to our customers' businesses as a training partner. There has been overwhelming popularity for six workshops which are representative of the way the industry and some of our customers' businesses are changing.

Over the years we have offered up to 60 courses at any one time. Specialist workshops were created in direct response to feedback from our customers where they required support and specialist training. Last year, there was a surge in appetite for training on vehicle wrapping, wall coverings and colour management, as well as basic introductory courses to the large format market. These workshops were not only delivered at capacity but generated a waiting list that meant we increased their frequency.

For 2019 we are reviewing delegate feedback once again and working with the specialist course tutors to refine and enhance these top six, so keep an eye out for the latest course updates:

Introduction to Vehicle Wrapping & Vinyl Application Workshop: includes the basic principles of wrapping, materials used and the skills required to complete a job.

This course is aimed at new recruits in need of training within established vehicle wrapping businesses and commercial printers new to the visual communications market, wanting to consider the suitability of vehicle wrapping for their business and acquire a basic understanding of all types of vinyl application.

Complete Vehicle Wrapping Workshop: leading on from the introductory workshop, this course is aimed at new recruits within established vehicle wrapping providers and commercial printers with experience of vinyl application and a desire to gain the hands-on techniques and skills required for all types of vehicle wrapping. It is tailored to those who consider vehicle wrapping to be core to their business growth and have some experience yet are looking to improve their skills.



Colour Management Workshop is for companies who wish to get consistent and repeatable colour across different devices.

With only four attendees per workshop, the day is designed to be very hands-on and practical in nature.

Digital Wall Coverings Applications Workshop: is aimed at companies who have large format inkiet technology to print digital wall coverings and are looking to get a complete overview of all aspects of application as well as practical hints and tips from an expert in this field.

Colour Management Workshop: is for companies who have one or more types of digital printers and wish to get consistent and repeatable colour across different devices.

Introduction to the Large Format Market, Printers & Applications Workshop: is a comprehensive overview of the large format market aimed at commercial printers and sign makers who are new to the arena and new employees of existing large format printers and all colleagues from a non-production environment.

The Antalis Academy Signmaker's Workshop: for those new to the large format arena, this course provides training on techniques involved in basic application of vinyl including what to use where and when, using Antalis signmaking materials.

#### Business toolkit

Last year we experienced a growing number of customers asking for general business coaching. Some have needed support with marketing techniques such as how to cold call in order to expand their customer base or how to use social media effectively in promoting their business. Others expressed a desire to refine their negotiation skills or sales planning strategies. With competition fierce in the current climate, our aim is to arm our customers with all the skills they need, whether specific to printing or general business acumen, to refine their offering, win new customers, deliver higher quality jobs and achieve sales growth.

#### Partnering for success

Throughout the Academy's history, Antalis has prided itself in securing noted tutors for each of its workshops by partnering with leading independent experts in their respective fields, offering our customers the assurance of receiving expert, impartial advice and support.

We have developed strong relationships with Paul Hughes (sign making), Jan Edgecombe (colour management) and Tom Earthrowl (wall coverings).

The six most popular workshops of 2018 were delivered by these industry experts and they each have creative ideas on how to take these workshops to the next level in 2019. Early concepts include giving delegates the opportunity and hands-on training to wrap a complete van and taking the Academy on the road to bring colour management training to those customers further afield.

We greatly appreciate their input and the value they bring to our customers' businesses and look forward to seeing the fruits of our continued collaboration over the next 12 months.

I'm enthused about how the Academy will develop in 2019 as we build on the valuable training available to our customers. It will be an exciting chapter as we look to refine our educational offering and maximise our partnerships with our industry experts and widen our reach with regional workshops and online training.

www.antalis.co.uk

# PRODUCT choice

## Vinehall Displays creates yuletide grotto with wide format printers

Vinehall Displays has got into the Christmas spirit with a festive advertising project for Coca-Cola, transforming a retail kiosk into a yuletide grotto with a 2m-high bow and halo-lit 3D letters. The displays were printed on Roland DG SOLJET Pro 3 and Pro 4 high production wide format printers.

"We ran some sample files and found that the quality was very, very good; it was our first step into printing"

Dublin-based Vinehall Displays received a brief to promote Coca-Cola's 'Holidays are Coming' campaign with a full wrap and the 'biggest bow possible' for the kiosk at the busy Europa Bus centre in Belfast.

"We had been considering a flatbed printer but saw a demonstration of the Roland SOLJET Pro 3 and discovered it ticked a

lot more boxes for us," explains Vinehall Displays director Gerard McElhinney Jnr. "We ran some sample files and found that the quality was very, very good. It was our first step into printing, having previously outsourced everything and as a result we now print almost all work in house."

The first job on the Roland SOLJET Pro 3 for Irish meat brand Denny set the tone for ambitious print projects.

"We turned a removals van into a house on wheels complete with brick-effect walls. customised internal wallpaper, front door, windows with trompe l'oeil views, furniture and a kitchen," says Gerard.

Installed 10 years ago, the Roland SOLJET Pro 3's longevity is down to "using Roland branded inks, regular maintenance from Neopost engineers and weekly cleaning". This printer now works alongside a newer Roland SOLJET Pro 4 supplied by Sign & Digital Materials, a workhorse printer/cutter running GREENGUARD Gold Certified ECO-SOL MAX inks including metallic and white options.

The Roland SOLJET's Pantone reference library was immediately a major draw for Vinehall's clients and has been put to work printing a colour accurate backdrop for a Dulux paint advert.

"Our clients trust us to deliver accurate colours so the Pantone library is very



A retail kiosk has been transformed into a yuletide grotto with a 2m-high bow and halo-lit 3D letters

important," says Gerard. "The machines have been fantastic for us; the print is brilliant, sheer quality."

The Christmas display at the Belfast bus station will remain in the run-up to Christmas, with Vinehall Displays already looking ahead to 2019; a year set to include further business growth, and potentially a further Roland investment.

www.rolanddg.co.uk



### BUILT UP LETT

### HIGHEST QUALITY PRODUCT HIGHEST QUALITY SERVICE

ALL STAINLESS STEEL 316 MARINE GRADE MIRROR OR SATIN ALSO ALUMINIUM, BRASS, ACRYLIC STOVE ENAMEL & POWDER COAT ( ALL ABOVE ALSO IN FLAT CUT )

email: info@impact3Dsigns.co.uk www.impact3Dsigns.co.uk

TEL: 0191 536 0 536 FAX: 0191 536 5 536 13/14 Hutton St. Boldon Colliery Ind Est. Tyne & Wear NE35 9LW



# PRODUCT choice

### **Hybrid printer gives 400% increase** in speed and improves quality

When Rocket Graphics expanded its Watford-based facilities by 6,000ft2, the large format digital production company installed a 3.2m EFI VUTEk LX3 UV LED hybrid printer purchased from

"The new VUTEk LX3 has not only improved print quality significantly but has given us a 400% increase in speed performance," says sales director Antony Rider.

"We can now offer our clients unrivalled white printing applications at significantly higher speeds and opacity. We were recently able to deliver and install wall graphics measuring more than 3,000m in a very short turnaround time for the Ryder Cup, where both

colour quality and speed were of the essence "

Designed for high production throughput, the printer enables shorter lead times to customers while delivering the ultimate image quality and with the versatility to support the widest range of materials and applications.

"The eight colours plus white printer configuration with multilayer printing is a winning combination for Rocket who are always looking to offer the very latest applications and innovations to their customers," says Robin East, CMYUK group director.

www.cmvuk.com www.rocketworld.co.uk

"We can now offer our clients unrivalled white printing applications at significantly higher speeds and opacity"



The eight colours plus white printer configuration with multilayer printing is a winning combination.

### Routing machine aids cutting tool technology development

As the sign industry's "leading manufacturer of cutting and routing tools", Industrial Tooling Corporation (ITC) has installed an AXYZ 4000 Series routing machine for the development of its next generation of cutting tools, demonstrating its commitment to customer service and product development.

The machine has been installed to enhance existing tools and develop new ones, providing ITC the machine capacity and time to trial, tweak and enhance existing product lines while offering R&D engineers an internal testbed for all future product developments. With the facility to put next generation cutting tool substrates, coatings and geometries to the test, ITC will "seal its position as the UK's benchmark cutting tool manufacturer".

"First and foremost, the new AXYZ investment is borne from our desire to develop new cutting tool technology," says Sally Hunt. "Furthermore, it opens up new opportunities for ITC and its customers. When signmakers have issues with particular materials and jobs we can take a sample of the material and carry out inhouse testing without disrupting production. Having our own machine avoids inconvenient customer downtime and gives us the opportunity to apply a variety of cutting tools and machining parameters to achieve the best possible result.

"We have already improved cycle times, tool life and surface finishes for end users by having the time to offer in-depth investigation and analysis. Despite this service being in its infancy, we have already identified best practice machining solutions whereby client workholding or machine performance may be inappropriate for the materials, processes and even tooling types. In the face of mineral filled ACM, the challenge is that different manufacturers use different material compositions and this has an impact on the cutting tool and machining process."

Installed at the end of September 2018, the AXYZ 4080 routing machine was a conscious decision by ITC to meet the

"When signmakers have issues with particular materials and jobs we can take a sample of the material and carry out in-house testing without disrupting production"



Installation of an AXYZ 4000 Series routing machine demonstrates ITC's commitment to customer service and product development

ever changing demands of its customer base. Following the Grenfell Tower disaster in 2017, the machining of mineral filled ACM boards has soared and ITC is at the forefront of technology for this market segment. With a rapid rise in low cost imported ACM boards causing issues for signmakers throughout the UK, ITC is at the cutting edge, meeting and beating these challenges daily.

The 1.5m x 2.4m 24,000 rpm spindle machine has 10.8 hp which enables the manufacturer to conduct extensive trials with a variety of cutting tool geometries, material compositions and coating technologies on every material and customer requirement that comes through the door.

www.itc-ltd.co.uk



# PRODUCT choice

### Ten-fold increase in speed and flexibility supports business expansion

Family-run Colour Graphics has recently invested in a FabriVu 340 with Klieverik calendar, purchased from CMYUK. The 3.4m-wide FabriVu replaces an older Mtex 5032 Pro and the company has seen immediate benefits in flexibility, speed and range.

"The FabriVu has given us high speed, high quality and ease of use," says owner James Birch. "Ten times the speed of the Mtex, we can print a range of jobs onto backlit, blockout, stretch and standard display materials in the same day. In the past three years we have seen the soft signage/dye sublimation sector double year-on-year and expect this to continue. The purchase from CMYUK will keep us at the top of our game."

Printing at speeds of up to 500sqm/hr and a resolution of 2,400dpi, the FabriVu handles a variety of fabrics and paper and offers value for money. The Klieverik calendar can be used for dye-sublimation transfer printing (paper to textile) as well as for dye fixation of direct printed dispersed dyes or pigments.

"It was great that our long-standing friends and customer Colour Graphics saw value in the Fabrivu." says Wes Small, senior digital sales consultant at CMYUK. "They looked at the competition but the FabriVu is the highest productivity machine in its field at an affordable price. When you factor in the attractive ink price along with exceptional ink yield, you have the lowest cost industrial dye-sub

"In the past three years we have seen the soft signage/dye sublimation sector double year-on-year and expect this to continue"



Steve and James Birch with their FabriVu which has allowed the company new flexibility, speed and range.

machine on the market; nothing can touch it. Colour Graphics has already seen a sizeable return on their investment, having won new contracts and receiving comments from existing customers on the amazing quality that they are now able to produce."

Colour Graphics now offers its own range of aluminium TFS profiles for building wallmount, freestanding and lightbox tension fabric frames in-house with rapid turnaround times. Thanks to the FabriVu, they have become a trusted and reliable one-stop shop for trade TFS fabric exhibition and display systems.

"We have been a CMYUK customer for over 15 years, since the purchase of our first Vutek QS 3," concludes James. "We have always had great support backed up with sound knowledge from Robin and his team. We have watched them grow into the market leaders in the supply of print media and use most of their media range."

www.cmyuk.com www.colourgraphics.com

### **Meeting growing business** demands with LED UV-curable printer

Installed in September 2018, an Agfa Anapurna H3200i LED 3.2m Hybrid flatbed/roll-to-roll LED UV-curable printer supplied by I-Sub is the latest addition to Dale Studios' workshop.

"Our business has grown several-fold over the past five years since we first invested in UV flatbed printing with I-Sub," explains creative director Ben Millar. "Maintaining our commitment to never miss a deadline means we have to have the capacity to fulfil an ever-increasing number and range of projects and knew it was time to significantly expand the printing and production power we could offer.

"Quite simply, the printer gives us the quality, speed and capacity to produce even more jobs at pace while maintaining the quality and attention to detail"

"For a relatively low cost we could see the huge benefits that having a hybrid flatbed and roll-to-roll printer could offer, particular at 3.2m size. We have the flexibility to print onto a range of rigid media as well as fast roll-to-roll printing and dual roll facility.

"Fulfilling our promise to meet every deadline means that as well as having the right equipment in place we need a



Ben Millard and Emma Plant from i-Sub with the Agfa Anapurna 3.2m LED UV printer

supplier that can respond positively and professionally to any issues. I-Sub always go that extra mile to make sure we can deliver the very best service to our customers.

"Agfa in particular has been excellent in ensuring we are up and running and fulfilling orders quickly. It was a fairly straightforward installation with the machine pushing out work at an electric pace pretty much 24/7".

The company already ran their production machines using Caldera RIP software, which manages the workflow and provides greater control of the printing and production processes.

"Consistency between different machines and colour correct print is critical for us and we have already noticed that the printer managed by the Caldera RIP is delivering high quality graphics and colours with less ink usage," says Ben.

"This in turn, is delivering significant cost savings while ensuring we are meeting the demands of our customers.

"The new Agfa significantly enhances our production capacity and capability to deliver a broader range of applications. This means meeting even more of our clients' requirements and growing our reputation and turnover."

"Our growth over the past 10 years has been rapid and we fully expect to keep this going. Quite simply, the Agfa gives us the quality, speed and capacity to produce even more jobs at pace while maintaining the quality and attention to detail, as well as allowing us to offer new applications including large scale fabric back-lit banners, which is a rapidly growing market area along with ultra-wide prints up to

www.i-subdigital.com



# PRODUCT choice

### Printers unlock student's creative potential

The University of Huddersfield's print room houses a Mimaki UJF small format flatbed LED UV printer and Mimaki Tx300P-1800 direct to textile printer.

"Our initial investment in the Mimaki UJF and its subsequent location in our print facility totally changed our approach to teaching and supporting print design," says technical manager coordinator Stephen Calcutt. "We originally operated like a traditional university print bureau with about five large format printers churning out posters and graphics. The arrival of the UJF changed our focus and transformed the way we work."

Now it is a thriving, interactive hub where students are taught to question conventional thinking and utilise the creative capabilities of the Mimaki printers to the best of their ability.

"I run workshops, learning alongside the students," says PhD student and senior lecturer Brent Hardy-Smith. "Our methodology is all about discovery and

transformative design, using the printers as creative tools and collaborating with other technology and materials. The design software says what's possible but the Mimaki printers add the potential and this is transforming the way the students think about the connection between design and print."

Purchased through Mimaki reseller R A Smart, the Tx300P-1800 is a versatile, wide format, direct to textile printer that allows students to output to digitally prepared natural fabrics.

"We have an excellent relationship with the team at R A Smart and always kept well informed on new product developments," says Brent. "What pleases me the most, is the great service we receive from both RA Smart and Hybrid. As a manager, it's essential that I am confident that our staff will be well supported in the implementation and development of newly acquired technologies and I know that we can rely on the technical expertise of the engineers and solutions experts."

"The design software says what's possible but it's the Mimaki printers that add the potential and this is transforming the way the students think about the connection between design and print"



The range of Mimaki hardware helps the students to quickly learn what to use and why

"Our range of Mimaki hardware teaches the students the appropriateness of print; they quickly learn what to use and why. From their initial amazement at the potential, by understanding what the printers offer, they can be ever more creative in their design process.

"Students learn to collaborate so are able to incorporate many different techniques in their exhibitions. We encourage them to work with multiple technologies and materials so the breadth of work is proof of how they're flourishing as young designers and learning how to operate outside the established framework. None of this would have happened had we not made the initial investment in the Mimaki.'

www.hybridservices.co.uk





#### PROVIDING VALUE FOR MONEY MACHINERY COUPLED WITH FIRST CLASS SERVICE

### SPECIAL OFFER ON ALL 'EXISTING STOCK' NEW CO2 LASERS

7.5% off all orders place in 'January 2019'.

All Machines Supplied include Delivery and minimum of 12 Month Guarantee as if new, with Lifetime On-line & Phone support!







| Ex-Demo 'Fibre' Laser Metal Cutting System with Manual Sheet Loader 1500mm x 3000mm                  | £68,000.00 + VAT |
|--|------------------|
| Ex-Demo Digital Cutting Table (DCT) Oscillating, Drag, Kisscut & V Cut Knives, 1300 x 2500mm Vac Bed | £29,295.00 + VAT |
| Ex-Demo 'Desk Top' Co2 Laser Cutter/Engraver 300 mm x 500 mm with Rotary Axis                        | £28,895.00 + VAT |
| Ex-Demo High Speed 'Fibre' Laser 'Marking System' inc Rotary Axis, up to 300mm x 300mm               | £7,349.00 + VAT  |
| Ex-Demo Plastic Strip Heater, 3000mm bend length up to 10mm acrylic, 2 Year Guarantee                | £1,695.00 + VAT  |
| Ex-Demo Plastic Strip Heater, 2200mm bend length up to 10mm acrylic, 2 Year Guarantee                | £1,395.00 + VAT  |
| Ex-Demo Plastic Strip Heater, 1250mm bend length up to 6mm acrylic, 2 Year Guarantee                 | £995.00 + VAT    |
| Ex Demo CNC Router with 6 Station 'Auto Tool Change' 1300mm X 2500mm (8'x 4') Vacuum Bed             | £18,285.00 + VAT |







#### Support is key!

Full coverage of the UK & Ireland by our team of fully qualified service engineers - Wherever you are...we are local to you! Our service department is second to none in response time. Should your machinery require service or attention for any reason, our support team and mobile service engineers are available via phone or email 24/7; should you require support on hardware, software, design or operational issues.

#### Information is everything!

Visit us in our 2,000m2 facility here in the Midlands where most of our machines are sold from stock. We can organise a demonstration of our machines followed by a technical meeting with one of our sales engineers to discuss your requirements and applications in detail.

#### **Need a quotation?**

Please do not hesitate to contact us for a quote. We can give immediate quotes for any machine. Our product range offers great value for money and prices are inclusive of delivery, installation, commissioning and training.

### For Sales or Enquiries call 0121 541 1444 sales@mantechmachinery.com | www.mantechmachinery.co.uk



# PRODUCT choice

### Keeping up with demand for wall murals

Specialist wall mural manufacturer Wallpaper Ink has installed a second Roland VersaEXPRESS RF-640 printer. running it "around the clock" to cater for an ever-increasing demand for bespoke wall

"The buzz around murals has been growing for over six years," explains managing director Scott Evans. "When people see a mural, they want one of their own. With wallpaper is back in fashion generally combined with a demand for personalisation, means a thriving market. People want their homes and businesses to have a unique look."

Serving customers entirely online, Wallpaper Ink runs its two Roland VersaEXPRESS RF-640 inkjet printers and Roland cutting systems 24 hours a day to produce made-to-measure wall

graphics. Customers (around 30% commercial and 70% private) can choose their perfect mural image from over 40 million options plus their preferred material and dimensions from the company's

The mural specialist can turn around an order in just hours, offering next-day shipping for orders placed before 3 pm, reduced since the installation of the first Roland printer, which Scott Evans says ticks all the boxes for his business.

"We went with the same printer as we were so happy with the previous one and the return on investment we made from the machine was extremely good. The new RIP software improves print times and increases our margins further. The printer is running around the clock to keep up with our increased demand for wall murals.

"Wallpaper is back in fashion generally and that, combined with a demand for personalisation, means a thriving market"



Wallpaper Ink runs its two Roland VersaEXPRESS RF-640 inkjet printers and Roland cutting systems 24 hours a day to produce made-to-measure wall graphics

"The accuracy on running roll-to-roll is great," says Scott. "This means less chance of error when moving the wallpaper onto the cutting machines. In addition, the print speed is really good an average mural is 3m wide by 2.2m high and that can be completed in three hours."

As well as introducing two new products (pre-pasted and self-adhesive wallpaper) the next step is to grow further into the European market.

With a dozen years' experience in the sign and graphics industry, Scott describes the Roland aftercare service as 'the best' and is looking to book a place on a Roland Academy course soon.

www.wallpaperink.co.uk www.rolanddg.co.uk

### **Grangeprint installs UK's first Texart** RT-640M dye sublimation printer

Quality Print Services (QPS) installed the UK's first Roland Texart RT-640M dye sublimation printer at Nottingham-based Grangeprint in October 2018, enabling the company to boost its turnover significantly by offering soft signage solutions to its corporate customers.

Servicing both consumer and corporate markets, the company offers a wide gamut of print solutions from canvases, posters, contemporary wall art and personalised gifts through to business signage, banners, exhibition stands, signs and window displays.

The recently installed versatile Texart digital dye-sublimation printer will enable the business to expand its offerings with a number of new printed products. The printer can print directly onto polyesterbased fabrics including flag, mesh fabric, backlit, voile, block out and banner media as well as onto dye-sublimation transfer paper.

The printer was purchased from wideformat print specialist QPS, an authorised Roland dealer for dye-sublimation and UV applications. Main distributor of Nazdar digital inkjet ink products, QPS has installed Nazdar NDT600 series sublimation ink on the machine. These water-based, dye sublimation inks have been formulated specifically for use on a wide range of wide format digital printers fitted with Epson print head technology, DX4, DX5 and DX7 and are available in 1 litre bottles or 2 litre ink pouches for MBIS systems.

Grangeprint director Paul Evans explains: "The new Roland machine will enable us to offer our corporate clients soft signage and external feather flags. We are confident that it will help boost our turnover significantly when we expand our business with the launch of our flags and banners offerings early next year.

"We are confident that it will help boost our turnover significantly when we expand our business with the launch of our flags and banners offerings early next year"



Paul Evans with the Roland Texart RT-640M dye sublimation printer from QPS

"We've worked with Chris Bailey and his team at QPS for many years now. I spoke to him and outlined what I wanted and what budget I had available and he immediately suggested the new Roland Texart machine. The installation process itself was straightforward and QPS supported us with training. We did look at other options but the Roland Texart RT-640M perfectly fitted the bill."

www.qualityprintservices.com www.grangeprint.com



# PRODUCT choice

## **CNC** router excels at **Dublin display specialist**

Installation of an AXYZ 6000 series CNC router at Dublin-based Assembly Craft has, according to project manager Marcus O'Shea, "led to a huge increase in production and faster turnaround on projects". The company manufactures a wide range of shop fitting, interior display, point-of-sale and signage solutions, which involve the extensive use of the AXYZ 6010 router supplied by AXYZ International.

The materials processed include both solid and particle woods such as mediumdensity fibreboard (MDF), high-pressure laminates (HPL), acrylic, ABS, aluminium sheet and aluminium composites (ACM) and foamed board, all of which are widely specified for applications in the sign and display industry.

"The AXYZ router has surpassed all our expectations by dramatically increasing production levels and allowing diversification into new markets," says Marcus. "It has enabled us to offer a turnkey CNC routing/cutting service to other companies, creating valuable new revenue streams."

The AXYZ 6010 router has a processing area of 3048 (length) x 2159mm (width) and incorporates a multi-station AXYZ Automatic Tool Change (ATC) facility for work with multiple tooling requirements. The router is supported by VCarve design and production software which Marcus O'Shea describes as "the best and most user-friendly program that Assembly Craft has ever used, incorporating a wide choice of 2D and 3D options."

Robert Marshall, AXYZ International vice president (market development), comments: "While always respecting the individual preferences of customers, VCarve and VCarve Pro are the software solutions we recommend and these are supplied as standard on all AXYZ routers."

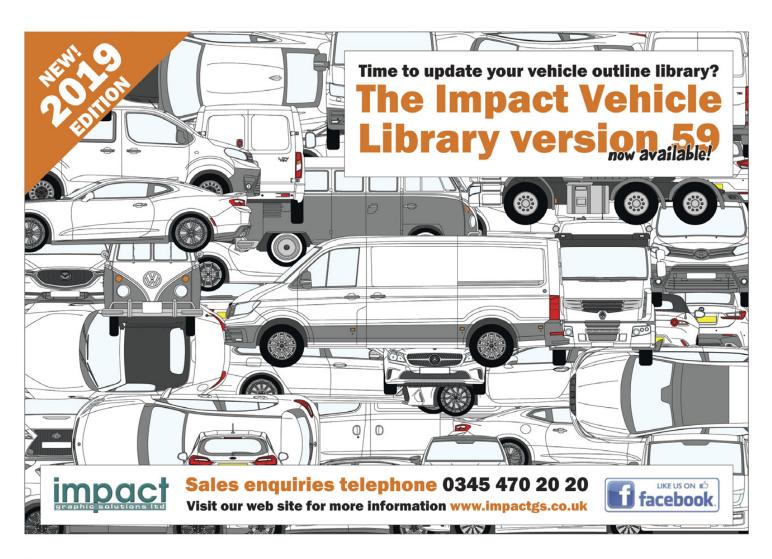
As with all AXYZ routers, the 6000 series can be supplied with a range of optional machining enhancements. These include the AXYZ Zone Management facility that provides enhanced material hold-down efficiency, the latest A2MC machine controller and integrated AVS (AXYZ

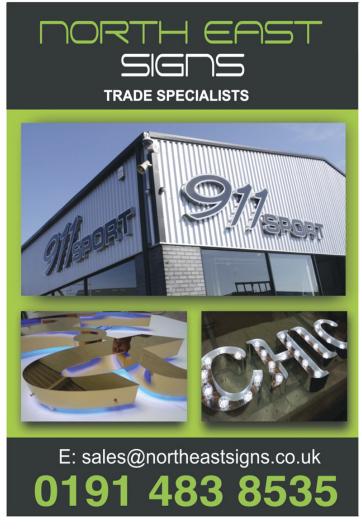
"VCarve design and production software is the best and most user-friendly program that Assembly Craft has ever used, incorporating a wide choice of 2D and 3D options"

Vision System) for optimum routing/cutting accuracy and the latest helical rack and pinion drive system. This features a multiple gear teeth configuration that helps spread the workload more evenly, resulting in enhanced routing/cutting accuracy, faster throughput speeds, reduced material wastage and ultimately a longer than normal machine life.

www.axyz.co.uk









### Independence under one brand

Established in the UK for more than 20 years, the FASTSIGNS management franchise continues to expand. Sign Update caught up with global CEO Catherine Monson on her recent tour of the country and asked her to explain the benefits of being a franchisee.

FASTSIGNS is a world-renowned brand with around 700 locations in 9 countries. Established here in the UK in 1996, the franchise offers numerous benefits to franchisees including training, management and marketing support and financial advantages.

Training is provided on all aspects of management including financial, production and people and in all aspects of sign making; while access to online learning support and regular visits from specialists ensures franchisees stay ahead of the competition.

The 25 locations in the UK are all eager to help and support each other; the online forum allows them to communicate with franchisees worldwide. It's not unusual for them to cooperate on a job which cannot be completed at a single location.

A further benefit is that suppliers often charge lower prices to businesses in a franchise arrangement; for example, HP treats them as one global customer rather than independents with regard to financial agreements.

A royalty fee, paid after the first year, is recouped many times over with the volume of customers and business gained from the arrangement - we see a very high rate of satisfaction.

#### How are franchisees selected?

We have three business models: start-up, conversion and co-brand.

Start-ups are suitable for those people not yet involved in the sign industry so we first check they are located in an open market and the site meets certain requirements. Experience in managing people, business acumen and a willingness to follow the systems are assessed.

Those already working in the industry but looking for the advantages of being part of a strong franchise brand can take advantage of the conversion model. The selection process looks for all of the start-up criteria in addition to ensuring they have the financial resources along with sales and marketing experience to meet the high expectation.



Co-brand franchisees are currently working in a related business such as printing, photography or graphic design and meet all of the above requirements.

Opening a FASTSIGNS centre within a current business provides the opportunity to expand a product offering and increase the number of industries serviced while maintaining the independence of the original enterprise.

#### How do you measure the success of the brand?

All of the above benefits to franchisees in addition to our ongoing commitment to innovation contribute to the success of the brand. Travelling around the UK, I have noticed a marked increase in digital signage as many businesses are realising the benefits of eye-catching displays that can be quickly and easily changed to target different audiences.

We research supply chains and share the results with our franchisees to help them optimise their business model.

Franchisees get full value for their fee in terms of comprehensive solutions; it all comes back to the training and support in the latest techniques and technologies in

addition to sharing knowledge, expertise and best practice.

many businesses are

different audiences"

#### What are your plans for future growth?

Our market share is currently around 1.1 billion US dollars in the UK with huge opportunities for growth. Managing director John Davis and his team are working hard to expand FASTSIGNS and specialists from the US visit regularly to support individual franchise locations.

#### How do you see the future of the UK sign industry?

The UK is in a solid position with a strong economy and a long established tradition of hard work and resilience in the face of adversity. With the ability to excel far and above their weight in terms of size and geography, I don't think Brexit is something to fear.

The British are excellent negotiators and I believe the market will continue to grow and sign makers will continue to manage their business in a professional, if cautious, manner.

www.fastsigns.co.uk

# How can I get digital signage right first time?

Crystal Display Systems (CDS) has worked with many companies and organisations and marketing agencies to help get digital signage correct as it is not a simple case of putting up some displays and throwing some content together.

Managing director Christopher Bartram offers suggestions to optimise digital signage impact and generate business.

#### Know your audience

If you don't your audience and what you are trying to convey to them how can you communicate effectively? What are their wants and needs and how can you meet or fulfil them? What are the audiences' challenges and how can you help them meet them? Do they interact with your displays?

#### **Ensure correct positioning**

If your screens are in the wrong position for optimum viewing or suffer from high glare (as often seen on car parking machines) so they are not visible, then you have a real problem and this is often underestimated or considered too late.

Footfall is important for positioning and you need to make sure your screens are where people actually go and spend time so you have a captive audience.

#### Right brightness/contrast

Brightness is critical depending on the position of the display but so is ensuring that the colours of the contact are correct; light colours on a white background do not work. Therefore, get the brightness, contrast and colour content correct.

#### Use high quality images

Image quality is a must otherwise the first impression will be very poor. If you show stretched, squashed or pixelated images, you will not be taken seriously by today's visually sophisticated audiences used to high quality mobile phone cameras and Instagram high resolution images.

#### Don't confuse audience

You have a limited time to catch attention so if it takes too long for a person to read and understand your message, you lose. A cluttered, messy screen will mean your

"Brightness is critical depending on the position of the display but so is ensuring that the colours of the contact are correct"

message gets lost and people will not take notice or remember it. So too much text on the screen or using text in visually confusing ways will not work.

#### **Customise content**

Ensure your content is customised and tailored to your audience's needs/ challenges and requirements otherwise it will not matter how good your content looks. Content must be positioned in specific locations and aimed at a specific audience. Unique content in a unique format for people on the go with limited time is the key that is easy to see at a distance and pulls people in.

Dynamic moving content gets noticed five times more than static as it catches the eye from a distance. If content is static you do not get the same reaction but or video just for the sake of it defeats the object and works against earlier points where focus is key.

#### Ensure call to action

What happens if the viewer is interested? If you do not give them a 'call to action' they will easily forget you and move on. Once you have them keep them and get them to take some kind of action. Then your advertising has done its job and will give you that return on investment. Get their attention, get your message across and get them to take action. Job done.

www.crystal-display.com



Dynamic moving content gets noticed five times more than static as it catches the eye from a distance.

# Whatever your sign, we've got it covered!







## The all new Ecolux Mini



The UK's No.1 Sign Lighters.

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



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



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



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





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



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



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

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



5 YEAR WARRANTY
NEXT DAY DELIVERY

CCC

VERY COMPETITIVE PRICES



portlandlighting.co.uk





## SOFTWARE Feature

# How to achieve cost-effective colour reliability and consistency

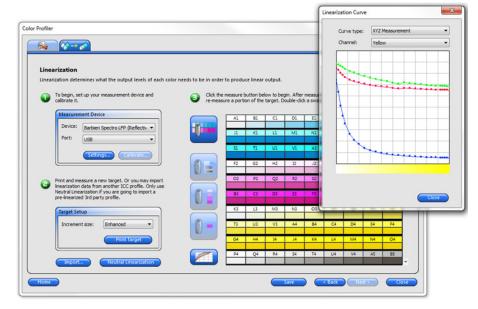
Achieving good colour and spot colours reliably and consistently is easier than you may think. Dean Derhak, product manager, SAi, outlines a number of practical measures that can be taken that will directly affect the bottom line.

What constitutes good colour depends who you're talking to; it's rather subjective and depends on what a particular customer is willing to pay for. While that measure should not be an excuse for second-rate work, it will help print providers focus on what they are trying to accomplish. It's as simple as that. Yet, large format printers and sign makers frequently tell me that producing consistent, predictable colour and matching spot colours is an ongoing challenge for them.

While there is no excuse for bad colour, in most jobs there are colours that are critical and others that are not.

Corporate and brand colours are very important and investing time getting them right is worthwhile. For these, PANTONE colour references are needed but for other parts of the job 'memory colour' will be perfectly acceptable. I mean those colours that we all identify with objects: apples are usually red; lemons are usually yellow; limes are usually green. Unless the job is focused on a particular variety of those fruits, then a fairly wide spectrum of colour variation will be acceptable.

Honing in on the important colours is a way of reducing production time and costs while still producing work that your customer will love.



Printer manufacturers and resellers have extensive databases of profiles as do RIP providers and media websites.

#### It begins with the brief

Asking key questions when a job comes in is a huge help in understanding what the customer wants. Which colours are important? What is the PANTONE reference? Do you have a swatch or example of the result you are looking for?

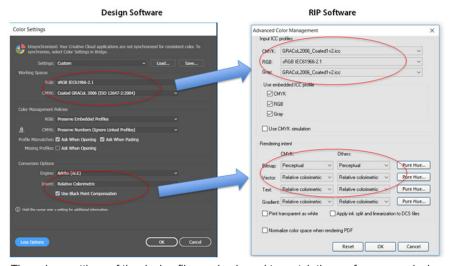
Is there a preferred substrate? With that input, printing a successful job quickly and more profitably immediately becomes easier but don't underestimate the impact that the final substrate will have on the colour. This, too, will need to be accurately accounted for.

Ensuring that the colour management settings are consistent throughout your workflow is essential. The colour settings of the design file received need to match those of your own design and RIP software. Unfortunately, this cannot be done automatically and each program needs to be manually set.

The industry recommends using sRGB for RGB input/workspace profiles and GRACol 2006 Coated for CMYK input.

The next imperative settings are the ICC media profiles. Doing this not only ensures achieving the desired colour output but can save ink and extend the longevity of the print. It is your best guarantee of consistency and repeatability.

The correct media profiles should be easy to find and taking the time to find them will pay dividends. Printer manufacturers and resellers have extensive databases of



The colour settings of the design file received need to match those of your own design and RIP software.

profiles as do RIP providers and media websites. Even with this information, it is still possible to produce unsaleable print if the wrong assumptions are made.

Profile settings are specifically tuned not only to the media type but to finish (matte, gloss), ink, print speed and output device. Choosing the wrong setting can result in unsaleable waste. If you can't find your exact substrate, ensure that you choose the nearest one possible, remembering the speed and resolution criteria.

For businesses that are doing a lot of work using the same media, building your own profiles that suit your workflow and equipment is highly recommended and not as difficult as many believe.

#### Hitting the spot

Apart from colour settings, output consistency and reliability, reproducing accurate spot colours is a major headache for many large format printers and sign makers. The above recommendations will go a long way toward making this easier but to ensure accurate spot colours you can draw on three basic tools: visually

| The Color Swatches for Spot Color SAI Red\( \) 0.0009- 9.0009- 100.0099- \( \) \). Increment
| To GIT
| Visual
| Color | Color | Color |
| The Color Swatches for Spot Color |
| The Color Swatches for Swatches f

check the colour, use spot colour matching software and use colour measurement devices. Using the correct methodology can make eyeballing a powerful tool. The first step is to check the quality of your output by printing a test sheet and looking at the colour scales. Check the greys: these should be made of equal proportions of CMY. Next, evaluate the hues; they should be consistent in their transitions both along the colour and across the different colours. Finally, look at your primary colours and ensure they are where they should be.

Next, use of PANTONE colour charts and printed samples will help you to achieve accurate spot colours. However, your chart must be printed on the same media as the final job, otherwise there will be unacceptable variations.

Colour matching tools such as that found in SAi Flexi software, are fast and easy to use. Given a target PANTONE colour, users can bring up the colour mapping chart and compare it to a swatch printed on your output device on the final media. The swatch is then compared to the colour

To ensure accurate spot colours, you can visually check the colour and use spot colour matching software and colour measurement devices.



"Apart from colour settings, output consistency and reliability, reproducing accurate spot colours is a major headache for many large format printers and sign makers"

map, which looks like the grid of the game 'battleships' and the X and Y values of the best match are entered into SAi Flexi so that the desired colour will be automatically achieved.

Inexpensive colour measurement devices are now available that can work with a mobile phone app and provide both L\*a\*b\* and Delta-E values. For many companies, investing in higher end devices will deliver a very rapid ROI and significantly reduce ink and media waste.

Each of these procedures should become part of the routine of large format printers and sign makers and the foundation of training new operators. While seemingly basic, these can define the difference between saleable and unsaleable print and profit and loss.

www.ThinkSAi.com

## RIP improves colour accuracy

With signmakers increasingly reporting issues keeping consistent colour and hitting the results their customers need, Bryan Manwaring, director of product marketing at Onyx Graphics explains how and why their RIP software solutions are saving money through improved accuracy.

The past year 2018 has been a great year for ONYX software innovations in the wide format digital inkjet print industry. Some notable innovations include being the first RIP and Print Workflow Solution with Adobe PDF Print Engine 5 (APPE); the first offering support for PDF 2.0 features; and the first with iccMAX compatibility (the new standard recommended by the ICC for all wide format print applications including soft signage and textile). The biggest innovation, however, is

ColorCheck, a process control tool set that provides users with the ability to literally prove colour accuracy, output consistency and match standards such as G7 and FOGRA to their customers.

Giving ONYX users the power to validate output to their customers before printing, as well as to know when to recalibrate printers that experience a colour drift, are just two of the ways our customers tell us they've benefited from ColorCheck.

For example, it saved one customer thousands from bad prints by catching a white-point change between medias on a large print order.

ColorCheck proves superior output for customer colour expectations, it saves print service providers ink and media from bad prints and helps increase customer retention. The best part is, it's really simple

continued on page 42



## SOFTWARE Feature

and easy to use and is integrated right into the interface of our print workflow product ONYX Thrive. In addition to these milestones, Onyx Graphics has brought innovations to the industry from improvements within our own products based on the needs of our customers, including a new colour engine with optimised presets for stunning saturation, PosterColor 2.0 – a technology first introduced by Onyx Graphics over 15 years ago that now incorporates smart saturation for added vibrancy to solid colours - and AccuBoost for iterative ICC profiling to fine tune profile accuracy.

We're very thankful to be part of this world and are committed to our worldwide customer base with continual investment into R&D; 2019 looks to be another record breaking year for innovations coming from Onyx Graphics.

#### **Business benefits**

ONYX offers the benefit of being a complete end-to-end RIP and print workflow solution that grows with a business and assists from file open through to printed product.

For example, it provides the ability to scale RIPs or adjust software modules to meet daily print needs between printers with network licensing. Our latest version enjoys unrivalled RIP and data processing speeds, optimised out-of-the-box presets for stunning colour and reduced set up time to print and is the only solution with a bespoke colour engine for stunning

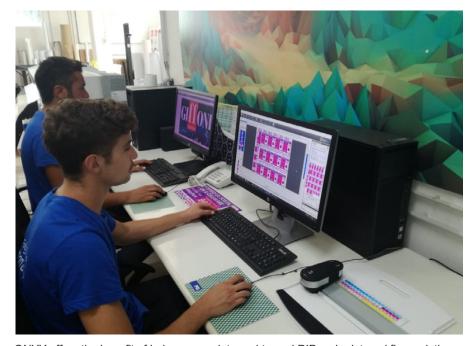


ColorCheck is a new process control tool set that provides users with the ability to literally prove colour accuracy, output consistency and match standards.

saturation and vibrancy without compromising ink savings that is designed specifically for wide format.

Additionally, ONYX software is designed to be easy to use, with automation to minimise error and reduce the number of touch points from start to finish on any print job. Hot folders, for example, enable direct to the RIP-Queue file submissions, Quick Sets 2.0 enable unlimited automation of file manipulation to meet customer needs including adding tiling,

"I believe that in 2019 we will see customers demanding solutions that make matching customer colours and keeping consistent results across their shop easy to achieve"



ONYX offers the benefit of being a complete end-to-end RIP and print workflow solution that grows with a business

grommets, bleed, sewing marks and crop boxes. ONYX automatically nests jobs to conserve media on both roll-to-roll and flatbed printers as well as recognise common cut paths from design files and adds barcodes to printed jobs for seamless print and cut workflows.

We are finding that customers are much more concerned about colour accuracy and consistency. Those converting to ONYX tell us they are having issues with hitting the results their customers need.

I believe in 2019 we will see customers demanding solutions that make matching customer colours and keeping consistent results across their shop easy to achieve.

www.onyxgfx.com



Pre-register for free entry at www.signanddigitaluk.com



## SOFTWARE Feature

# Minimising waste while maximising productivity

A key issue for a business is finding ways to reduce waste and maximise efficiency. Esko product manager Russell Weller explains how its software tools can handle all kinds of signage media to reduce downtime and boost productivity.

Many of the day-to-day problems can lie at the prepress stage with manual file checking; errors causing bottlenecks and wasting valuable time and materials during the production process. Receiving a large variety of file types from different sources and in various formats is the norm; all have to be checked, corrected and nested prior to printing to avoid delays and extra costs.

Esko's latest tools have been designed to significantly reduce waste and manage efficiencies; helping companies achieve automation and simplification. Esko works in partnership with each customer. A lot of time is spent together looking first at the company's strategy upstream and downstream and then working through solutions to eliminate pressure points, bottlenecks and errors.

After years of research and talking to its customers, Esko developed Automation Engine and i-cut Suite to enable companies to handle more jobs per day and maximise efficiencies. Graphic files are converted to PDF and moved through prepress on top of an editor. This means consistent quality and fewer rejects. Working with a fixed standard in prepress makes good business sense because time estimates can be reliably assessed and file quality is consistently high.

Standardising prepress on a semi- or completely automatic basis eliminates capacity constraints; no matter how many files arrive, a company can easily take on more volume. The ability to redeploy and retrain key staff can offer opportunities to add value and diversify.

"Our focus is to support
the sign and display
sectors by tailoring
solutions that address the
requirements of
a company's
business strategy"



#### **Reducing downtime**

For companies concerned that any change of software could mean disruptive downtime, Esko's latest Automation Engine QuickStart for Sign is the answer. The innovative and easy to use production software has been specifically developed for this sector to automate prepress and enable companies to handle more jobs per day with the same headcount.

Esko's QuickStart package comes preloaded with proven workflows for sign and large format production. No need to hire experts, no long learning curves. The training is easy and quick and the new bespoke workflows can be deployed in only five days, immediately boosting a company's production capacity by automating the complete process from design to finish and taking the complexity out of production and importantly, reducing waste. With a choice of cutting tables for signage and display applications from the entry level Kongsberg X24 through to the super wide multifunctional C range, Esko has thought of every time-saving measure to simplify and manage waste logistics in the finishing department.

#### Specialist tools

Offering ultimate versatility, a variety of clever specialist tools offer speed, power and flexibility to handle almost any material: corrugated, folding carton, solid board, foam, coating blankets, wood and a long list of plastics. In addition, Kongsberg Automate can boost productivity to 100% and take performance to industrial levels. The latest innovation for the finishing department is an impressive Robotic Material Handler for multizone production.

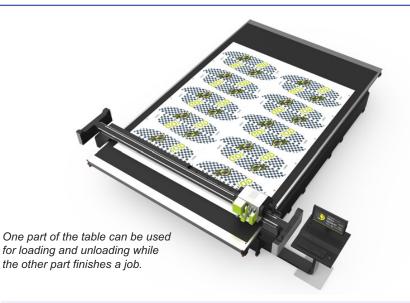
The Kongsberg C64 and C66 tables can also work in multi-zones. Our automated equipment can handle different size sheets for samples, floor and vehicle graphics and backlit displays, so one part of the table is used for loading and unloading while the other part finishes a job. This, in turn, speeds up production and gives maximum OEE (overall equipment effectiveness) on the shop floor. Esko has a complete portfolio of software for the sign and display sector including studio structural design software and ArtiosCAD for 3D projects; i-cut Suite to optimise production; and Automation Engine Quickstart for Sign.

#### **Tailored solutions**

Esko solutions offer many advantages including integration with most MIS systems, faster order handling, efficient data capture, a reduction in approval cycles and consistent output. Importantly, these innovative tools immediately boost a company's production capacity by automating the complete process from design to finish, taking the complexity out of production and reducing waste.

Our focus is to support the sign and display sectors by tailoring solutions that address the requirements of a company's business strategy. Our solutions will dramatically boost production capacity without the need to invest in additional headcount. A key advantage is the elimination of human error at every step by standardising processes. This frees up time and money to allow businesses to add value and diversify.

www.esko.com



#### How to boost productivity in large format printing

Many sign businesses are looking at reducing equipment idle time on the shopfloor: fewer manual steps, fewer errors and shorter equipment set-up time. How can you increase productivity? Visit ESKO's website to view a webinar that discusses six areas to boost productivity from design to shipping products.



## Manufacturer of CNC Cutting Systems



# The Most Versatile CNC Router-Knife Hybrid In The Industry

The **Trident** by AXYZ is an innovative hybrid CNC cutting solution. With triple-head technology, a twin-knife and heavy-duty router spindle, the Trident delivers lightning fast cutting and overwhelming power to take on the broadest range of materials.

- Graphics & Print Finishing
- Signmaking
- Foam Packaging
- Point of Purchase
- Display & Exhibits

Tel: 01952 291600 | www.axyz.co.uk

## SOFTWARE Feature

## Cloud-based digital signage studio

Stunning digital signage can be created using NoviSigns comprehensive web-based digital signage software online studio. Director of sales and marketing Chad Bogan outlines some of the key features and benefits.

With over 25 drag and drop widgets to choose from, it is possible to quickly design and manage engaging content featuring live social media streams, data-driven polls, interactive games and media-rich zones with videos, RSS feeds, HD images, scrolling text and weather. NoviSign's Digital Signage Software is sold as Software as a Service (SaaS) that enables the easy management of dynamic digital signage campaigns from the cloud to IP-based digital signs anywhere in the world. From any PC you can broadcast targeted messages to any number of signs at an unlimited number of locations in real time.

The design online Studio is easy to use and designed for the novice. NoviSign's digital signage software is designed in 'layers' from a basic image/video campaign up to multi mixtures of images, videos, scrolling static text, slideshows, news tickers, weather, clock, RSS feeds; cutting-edge widgets such as Facebook, Instagram, YouTube, Ustream, games, polls, touchscreen, virtual que and website integrations for creating a rich environment of live and engaging content.

This software features a customisable template library, the ability to create and manage new playlists and a single display or hundreds; advanced scheduling capabilities, admin controls with multi-user control, cloud



A template can be created from scratch or a professionally designed template customised.

media library for storage, real time content updates, monitoring and reports dashboard, RFID and barcode Integrations, facial detection digital signage and content creation services. NoviSign's digital signage software can be utilised for the education sector to create media-rich content that features school announcements, media slideshows, HD videos and campus notifications. A template can be created from scratch or a professionally designed one customised.

Using NoviSign's software, restaurants can easily and quickly create beautiful digital menu boards, edit prices, add images, item

"With this software you can make rich content that contains company messages, media slideshows, HD videos and internal communications"



descriptions, scrolling text, slideshows and videos. All changes wirelessly update the menu within minutes. Digital signage for corporate communications makes it easier for customers to better connect with employees. NoviSign's corporate communications digital signage software enables real time information and events to be displayed, meeting times with schedules, internal corporate scrolling news tickers or customised messages welcoming clients and guests. You can make content containing company messages, media slideshows, HD videos and internal communications.

A template can be created from scratch, featuring multiple zones of media and messages or you can customise a corporate communications digital signage template.

www.NoviSign.com

## Integrating MIS for greater efficiency

An efficient MIS can form the backbone of a business operation. Tharstern works with signmakers to develop a solution with extensive integration capabilities, writes business development manager Ross Edwards.

In the past, there was sometimes the belief that Tharstern's solutions were just for commercial printers but this wasn't the case. We offer one MIS with one 'engine' underneath that supports all different sectors. Our estimating module can support the requirements of all print sectors; it's down to the elements you choose. We have seen a lot of our commercial customers moving into the large format market to help them with business growth and increase the turnover and profits. Having the Tharstern MIS allows printers to move into new markets without the need to change their system or operate a part of the business in a different/manual system.

Tharstern recognised the gap in the market for a good MIS for this sector that can offer extensive integration capabilities. We saw this as a growth area and so as part of our strategy worked with sign makers, PoS, large/wide format businesses to enhance our support. There are so many features included in MIS these days and the forward-thinking vendors are developing their systems to suit all types of printers as they know their customers are diversifying into other markets. Changing or upgrading an MIS can be a big job so vendors are keeping up with demand to make sure their customers can envisage themselves using that system for years to come.

We support several leading UK large format and signage printers including Simpson Group Cestrian and Rapidity which has been a Tharstern customer for years, specialise in a range of different print products and they agree that the system is as effective for their large format as it is for digital and litho.

"Display printing is one of our largest growth areas and being able to utilise Tharstern as effectively as our regular small format printing is vital," says Paul Manning, managing director of Rapidity.

"The ability to keep all of our job information in one system; the system's ability to understand the diverse world of display print and the ease at which we can automate simple orders such as roller banners is unrivalled."

#### Benefits for signage

We developed our latest estimating module to provide support for large format and so that any estimator or CSR could take the customer's specification and quickly create an estimate that is production ready.

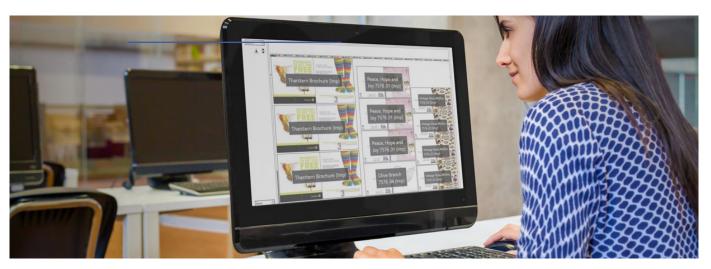
This means we can submit into production workflows electronically and create automated workflows. The advantageous modules and add-ons in Tharstern for the signage sector include our job tracking module, which can easily be used offsite via a tablet device so installers can measure up and upload photos of the installation site. In addition, the milestones functionality is useful for signage companies as it allows users to manage

"The system's ability to understand the diverse world of display print and the ease at which we can automate simple orders such as roller banners is unrivalled"

every aspect of the job from site surveys through to artwork approvals and installation. We have recently introduced our Advanced Imposition tool; it really benefits large format specialists and sign makers that are dealing with non-rectangular shapes.

It helps to quickly optimise the imposition and get the best yield. Without the tool, this is a timely process and has a big effect on how competitive your pricing will be and how big your margins will be. The software provides specific support for common wide format processes including mounting, welding, hemming, eyeleting and die-cutting.

www.tharstern.com



Tharstern's Advanced Imposition tool benefits large format specialists and sign makers dealing with non-rectangular shapes.



# PROJECT News

## DIS celebrate 21st birthday with London Cocktail week project

Turning a house in Shoreditch into a dedicated cocktail lab for one of the world's leading tequila brands has capped 21st birthday celebrations for DIS.

The Wolverhampton-based print and digital imaging specialist is on course for a record £2.4m year after delivering high profile projects for Wolverhampton Wanderers' main sponsor W88, the British Fashion Council and Patron Tequila.

The latter saw the firm steal the show at London Cocktail Week, transforming a two-storey property into a fully branded venue for mixing tequila cocktails. DIS specialists spent three full days building dividing space walls, installing LED lighting systems, specialist projectors, wall coverings and a wide range of graphics work and positioning client props and stock.

"We were even in charge of plantation for the Patron job," explains founder Mark

Bradley. "That just shows how far we have come in 21 years and the fact that major global brands are choosing us to offer a single-source solution when looking to make a statement.

"We've enjoyed 20% year-on-year growth since 2015 and the past 12 months has seen us secure a clutch of new contracts with blue-chip customers, ranging from football clubs and guerrilla campaigns for the Notting Hill Carnival to our recent landmark deal to become the official supplier of graphics and signage for all of Virgin Active's portfolio of gyms and health clubs."

DIS offers vehicle graphics, interior graphic solutions, portable display systems and event branding for customers involved in business, automotive, leisure and retail sectors.

Its experts have access to a full in-house 3D studio and large format printing, which helps it provide giant media and signage,

"Major global brands are choosing us to offer a single-source solution when looking to make a statement"

including Europe's largest poster for Manchester City and advertising for Christian Dior.

The company's work is seen by millions of people every year at Adidas product launches, at St George's Park (the home of English football) and during its innovative work for Design and Art Direction (D&AD), the educational charity that promotes excellence in design and advertising.

D&AD's Michelle Fischer says: "We've worked with DIS for a number of years and always been impressed with their ability to deliver graphics and signage that really tell the story of what we're trying to achieve.

"It's all about understanding what we want and then creating the ideal package, on time and to budget. Feedback for the D&AD Festival and New Blood was outstanding, both in terms of messaging and how they made it easy for people to find out where they were heading."

www.dis-group.com



A two-storey property was transformed into a fully branded venue for mixing tequila cocktails



#### **CNC, LASER & WATER-JET TRADE SERVICE**



Flat Cut Letters in almost any size, thickness and material. Locators and fitting template supplied with all orders. Free delivery on all orders over £250



Built Up Letters.
Specialists in
stainless steel built
up letters. Powder
Coated to your
chosen colour.
Un-lit, face lit or halo
lit, we do it all so
give us a call!
Free delivery on all
orders over £250

0161 343 7053 www.gtgrafix.com

# 3D Acrylics & Metals Ital

# Specialists in Quality built up & flat cut lettering & logos

Acrylic, Aluminium, Stainless Steel & ACM







Sign Travs

Built up Illuminated

**Projection Signs** 

Our comany has been supplying the UK Sign Industry for over 15 years & have worked with various countrywide companies







Built up Rim & Return

Built up Rimless Letters

Built up Perspex Letters

0191 469 1199 www.3dacrylics.co.uk acrylics3d@hotmail.com

Unit B1, Felling Business Centre Green Lane, Gateshead NE10 0QH

### ACRYLIC FACED LIGHT BOXES

From the Nation's Leading Aluminium Sign Systems Supplier

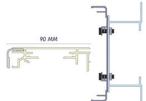




#### NOVACASE

A wide range of applications for both single and double sided illuminated sign boxes when using rigid panels.





#### NOVASLIM

An attractive smaller case for use with rigid panels. At just 90mm in depth the system incorporates slim site lines and is perfect for both internal point of sale signage as well as high street applications. Also perfect for use as a back box for sign trays.





#### NOVALARGE

An extremely strong double sided sign case designed to hang acrylic panels. The system has an enhanced wall thickness and is primarily used in the construction of tower forecourt signs.





#### NOVATRIM

Simple and cost effective method of hanging rigid display panels for non-illuminated signage for both exterior and interior applications. Profiles accommodate panels ranging in thickness from 3mm to 6mm and is the perfect solution to give a simple wall panel a professional finish.







# PROJECT News

## Signage and graphics transform grammar school

FASTSIGNS Leeds has partnered with The Grammar School at Leeds to help its students, staff and visitors navigate the independent school's large campus and sports fields

The company worked with the education facility for over six months and tasked with the creation and installation of 60 signs, each with their own design requirements, that effectively point visitors in the right direction. The meticulous planning of the project included identifying sign locations, establishing the most effective signage type and materials and designing each individual sign to the school's specification. The centre installed the signage, including built-up lettering, freestanding post and panel signs and wall signs in nine days.

FASTSIGNS Leeds co-owner Chris Simpson says: "Over the years we've provided signage for many schools but none of them compare to the sheer geographical size of The Grammar School at Leeds' campus; the number of sports pitches is immense. The task presented many challenges including ensuring we matched paint and print colours to the school's branding, which is a very specific shade of indigo. Rather than using standard powder coating techniques to ensure we achieved a perfect match, we used a detailed wet paint process which, despite taking longer, provided excellent results.

"It was a pleasure to work with the team at The Grammar School at Leeds on such a

"The task presented many challenges including ensuring we matched paint and print colours to the school's branding, which is a very specific shade of indigo"



Signage including built-up lettering, freestanding post and panel signs and wall signs, was installed in nine days

fantastic and intricate project, the results of the signage we installed provides real value to the people that visit the school for education and sporting events."

FASTSIGNS UK managing director John Davies says: "The completion of such an ambitious scheme as this and delivering to such a high standard, is a testament to the hard work and the dedication to excellence of all involved in the project at FASTSIGNS Leeds. Each one of our centres across the country works hard to uphold our extremely high levels of quality and customer service and Leeds is no exception."

www.fastsigns.co.uk



## Award recognition for nationwide signage project

A signage rebrand project for Hostelling Scotland has received national acclaim for Signs Express (Falkirk) after being shortlisted for a British Signs & Graphics Award.

When Hostelling Scotland rebranded from the Scottish Youth Hostel Association they called on the expertise of Signs Express (Falkirk) to ensure consistency across their 34 sites spread across Scotland, some of which were in very remote locations in the highlands and islands.

Business owner Steve McMurray comments: "This was a very rewarding project and we are delighted to receive recognition from the sign industry's governing body. When specifying the signage we were mindful that the look and feel needed to complement the natural beauty of the area while understanding Hostelling Scotland is a charity with limited budgets. I'm extremely proud of my team. Their innovative problem solving and excellent project management skills have no doubt helped us achieve this accolade."



A wide range of signage includes entrance and reception signs, wayfinding, flags and pavement

"When specifying the signage we were mindful that the look and feel needed to complement the natural beauty of the area while understanding Hostelling Scotland is a charity with limited budgets"

A wide range of signage was supplied to cater for both the inside and outside of the hostels including entrance and reception signs, wayfinding, flags and pavement signs to bring the facilities up to date with the new branding.

Hostelling Scotland's flagship hostel at Glen Nevis has recently undergone a full refurbishment and required innovative and high impact signs and graphics solutions which would enhance the hostelling experience and take it to a whole new level.

In communal areas a stunning centrepiece provides a 3D representation of the contours of the local area, constructed with over 100 different parts and set within a timber frame which was then

illuminated. Bright and modern reception signage with halo illuminated lettering, attractive notice boards and slate wayfinding and door signs complete the

Outside, a striking totem sign crafted using the same timber as the external cladding of the building provides a finished look which complements the refurbished building and surrounding area of natural beauty.

Hostelling Scotland says: "The project was delivered on time and to a very high standard and the team really pushed the boundaries between signage and art in the creation of some of the bespoke items."

www.signsexpress.co.uk/falkirk



# PROJECT News

## Remote-controlled LED signs help reduce speed near schools

Surrey-based Messagemaker Displays (a subdivision of the Stocksigns Group) has developed a range of electronic speed reduction safety signs which have been installed on numerous roads outside schools across Wales.

Following a pledge by the Welsh Traffic Minister, the company rose to the challenge to supply remote programmable signs to reduce the speed limit of local roads surrounding schools to 20 miles per hour during school start and finish times.

Between 19 and 25 November 2018 Messagemaker Displays participated in national Road Safety Week, which aims to inspire thousands of schools, organisations and communities to act on road safety and promote crucial life-saving messages. As part of raising awareness, the company highlighted the importance of road safety signage as part of their newly developed website through their news section.

Managing director of Stocksigns Group Danny Adamson says: "As sign specialists it is our duty to support the local community by raising awareness for an important cause. Having raised awareness for our national partnered charity, the Royal Society for the Prevention of Accidents (RoSPA) we are reinforcing the importance of speed signs as the safety of children and families are important to us. We are proud to have had such a positive influence in the local schools across Wales with students and parents alike.

"The optics for this new generation of signage are fully compliant with EN 12966 and have a narrower yet brighter beam which reduces light pollution in adjacent buildings and houses"

"The magic of these safety signs is that they can be remotely configured. The optics for this new generation of signage are fully compliant with EN 12966 and have a narrower yet brighter beam which reduces light pollution in adjacent buildings and houses. These LED signs have 128 displays of brightness to suit all conditions from broad daylight to night time. Using 3G modems, it allows the user to remotely set sign parameters and for retrieval of collected speed data. This is fantastic for local schools and communities as the effectiveness of the speed limits and signs can be monitored and assessed."

www.messagemaker.co.uk



A range of electronic speed reduction safety signs have been installed on numerous roads outside schools across Wales



## Large format specialist breaks 3D world record

Large format specialist Andesign has set a new standard by smashing the world record for a 3D printed animal, creating an elephant measuring almost 4 metres high and maximised their exposure by making it a permanent fixture on a busy street in Birmingham.

Created over five days using a Massivit 1800 printer, the animal is shown smashing through the wall of Andesign's office building where it created such a spectacle that it stopped passing traffic when it was unveiled.

"We're in the business of getting noticed," says founder Andy Williams. "We have major international clients who want to achieve greatness with their retail, display and advertising and this shows the incredible spectacle that can be achieved with 3D.

"It wasn't easy and our management team worked like hell to overcome what we soon realised were unprecedented problems; we had to chop down a door of our spray paint booth, a room we can usually drive trucks into. It's amazing that anything as big could all be created on our 3D printer but we'll be reaping the publicity rewards from it for many vears to come."

Unveiled by Andrew Mitchell MP, the elephant was created on the Massivit 1800 large format unit that Andesign invested in earlier this year. Acknowledged as the

"We've taken the Massivit 1800 on a very challenging journey with the creation of the elephant and it's been fantastic fun if all a bit mind boggling at times"



Unveiled by Andrew Mitchell MP, the elephant was created on the Massivit 1800 large format unit

biggest large format 3D printer in the world and operating at speeds 10 times faster than its nearest competitor, the Massivit has proven to be as great a source of fascination for tech geeks as it has for paying customers these past six months. The lifelike elephant has become a local landmark, drawing a steady stream of visitors.

"We've taken the Massivit 1800 on a very challenging journey with the creation of the elephant and it's been fantastic fun if all a bit mind boggling at times," says managing director Garry Hassell. "We think there are even greater heights that can be reached within 3D and are actively reaching for the stars and now have many of our clients determined to come on this journey with

The sculpture has been weatherproofed and reinforced to withstand anything the British climate can throw at it and will remain on display as a permanent fixture long into the future.

www.andesignuk.com www.massivit3d.com



# PROJECT News

## **Blackpool centenary** memorial recreates Menin Gate

To commemorate the First World War Centenary, Signs Express (Central Lancashire) assisted Blackpool Teaching Hospitals NHS Foundation Trust in installing a 5:1 replica of the Menin Gate memorial flowered in over 30,000 handknitted poppies which went on display for the remembrance service at Blackpool Victoria Hospital on 9 November. The sign company had already completed smaller projects for the hospital so were thrilled to be commissioned for this remarkable memorial.

Using All Print Supplies LG Hausys Interior Film (ML56 Travertine White) paired with Metamark UK printing vinyl, the Central Lancashire branch was able to transform a beautifully designed MDF structure into

the Menin Gate by applying over 90 metres of printed vinyl to represent the red bricks, plagues and decorative features.

Despite challenges including all the grain on the stonework having to be applied horizontally which required immense attention to detail, this week-long operation was a huge success.

"We're absolutely over the moon with how this turned out, especially knowing how much it means to everyone involved," says Matt Rutlidge. "Tom Smith and I really enjoyed the challenging installation and hats off to our designer Tom Van-Boyd who did an excellent job recreating some of the more detailed features of the memorial."

"Despite challenges including all the grain on the stonework having to be applied horizontally, requiring immense attention to detail, this week-long operation was a huge success"



A beautifully designed MDF structure was transformed into the Menin Gate by applying over 90 metres of printed vinyl to represent the red bricks, plagues and decorative features

Associate director of facilities for the Blackpool Teaching Hospitals NHS Foundation Trust, Nigel Fort comments: "I have worked with Signs Express on two prominent projects for the Trust in the past few months and have been delighted with the quality of the finished product, especially as they were both very innovative in nature. This is matched by the professionalism, commitment and passion of everyone in the team who I have dealt with.

"We will certainly be working with them on future initiatives and I would have no hesitation in recommending their services as much for the way in which they conduct themselves as for the high quality of their products and workmanship.'

www.signsexpress-cl.co.uk



## Print wrap film delivers sustainability edge for Transport for Wales

3M has supplied non-PVC Envision Print Wrap LX480mC for the first branded Transport for Wales trains now operating the Wales and Borders network.

3M supported Aura Graphics, a 3M Select Platinum Partner and the main contractor for the project, in presenting the environmental benefits of the film.

"Sustainability is a guiding principle for us so when looking at vinyl options we took the opportunity to choose a film with better credentials to update the graphics of our fleet," says Colin Lea, commercial and customer experience director for Transport for Wales Rail Services. "The benign materials and processes used to produce Envision Print Wrap LX480mC, combined with the film's outstanding performance and durability, keep our trains looking good for longer and allowed us to choose a less environmentally damaging material."

The project involved stripping existing signage, full preparation of the underlying surfaces, corrosion treatment and

repainting, before applying digitally-printed Envision Print Wrap LX480mC and finally dual-language labelling to the cars' exterior. To maintain the best possible appearance throughout the lifetime, additional 3M Scotchgard 8993 Glossy Overlaminate and 3M Anti-Graffiti Wrap Gloss Overlaminate 8588G provide extra protection for the printed film.

"The excellent material properties of Envision Print Wrap LX480mC from 3M, including features that aid application as well as compatibility with all inks and printer types, enabled us to deliver this project to a high standard and within a tight timescale," comments Tim Locke, director - Rail Division, Aura Graphics. "As a Platinum Partner to 3M and with our breadth of in-house technical and projectmanagement competencies, we have the capabilities to take on those challenges and are qualified to provide the 3M product warranty on a back-to-back basis."

The Aura Graphics team applied the printed films to two-car and three-car

"Sustainability is a guiding principle for us so when looking at vinyl options we took the opportunity to choose a film with better credentials to update the graphics of our fleet"



Transport for Wales C175 train with new graphics using Envision Print Wrap

Class-175 diesel trains along with 2 x two car class 143 Pacer train sets serving the Wales rail network, working on the main train depot at Alston depot in Chester without having to move the trains to a special facility. Removable train parts such as cab skirting were taken to Aura Graphics' fully approved in-house paint shop for refinishing.

The work was coordinated with the normal maintenance procedures for the trains, organised as continuous day and nighttime shifts over a single weekend for each train set, to ensure zero disruption of passenger services.

www.3M.co.uk



## PROJECT News

## Vehicle livery service provider invests again in eco solvent technology

Vehicle Livery Services (VLS) has installed its second Epson SureColor SC-S80600 printer, supplied by Papergraphics to replace an HP latex machine.

"In our opinion the Epson SureColor SC-S80600 printer is the most advanced machine in its class to date," says managing director Greg Saunderson. "The printer is very user friendly and the inks are so dynamic it can print on almost any material we test. The ink cure/drying rate is super quick for a solvent ink which has many advantages."

VLS designs, produces and applies 'battenburg' livery kits to over a quarter of the UK's police force including crash repair panels. Further sectors are Chapter 8 Livery (UK Department for Transport/Highways Agency Chapter 8 of traffic signs manual), plant machinery, patient transport and fleet. The Epson printers handle all the work from printed text to full vehicle branding.

"The 1,440dpi print quality is superb and consistent," says Greg. "We can match 98.2% of Pantone colours or RAL colour (European colour matching standard which defines colours for paint, coatings and plastics) and the legibility of small text or fine detail in prints is excellent. It is really important for us to have confidence in the consistent output of this machine. VLS endeavours to maintain quality in all aspects of the business and having a

reliable printer helps us to achieve this standard."

The red, orange and light grey in addition to the standard CMYK LC-LM ink sets allows VLS to print vibrant reds and oranges on specific reflective materials that gives the company a stand-out advantage over competitors.

"The Epson is really easy to navigate in terms of usability and maintenance," says Greg. "The print operators maintain the two printers religiously and say the machines are very easy to clean and maintain with no issues reported since the start. The print head technology used in the Epson is unbelievable, we very rarely have any issues with the heads dropping out or banding of prints and the GS3 inks can be ordered online and are delivered next dav."

Although the first SureColor SC-S80600 was supplied with the standard Onyx RIP, this time it has upgraded to the Onyx Thrive RIP for additional processing speed and production workflow improvements.

Today a truly professional car wrap might take two or three days but VLS will shortly launch a new branding system that will reduce the time by a third yet still maintain the durability and quality that its customers expect.

www.epson.eu

"It is really important for us to have confidence in the consistent output of this machine because VLS endeavours to maintain quality in all aspects of the business and having a reliable printer helps us to achieve this standard"



VLS designs, produces and applies 'battenburg' livery kits to over a quarter of the UK's police force including crash repair panels



## It means what it says

fast professional results for all your etched signage needs

# ADVANCED Hair Studio

## Simple and Stylish Signs

with optional wooden backing

## Large lettering or fine details

including both on the same panel



# MidKent College To commemorate the occasion of the Topping Out Ceremony performed by Paul Clark MP and Sir David Melville CBE at the MidKent College Medway Campus 10th November 2008 The Medway Campus has been built with the help and support of the Learning and Skills Council Contractors: Kier Build Architects: Nightingale Associates

#### Etching on glass panels for a clean, modern look

## Complex shapes no problem

engraved or laser cut to your design





## Engraving on Marble, Slate and Stone

Also full engraving service on metals and laminates

## Your artwork gets straight to work

what you see is what you get

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

Furnells have 50 years' experience in Etching and Engraving





Tel: 0208 880 2771 / 0208 880 2070

Web: www.furnells.com E-mail: sales@furnells.com

Unit 5, Crusader Industrial Estate, 167 Hermitage, London N4 1LZ



## Weekend on super yacht up for grabs for wrap film customers

3M is offering customers a chance to win a VIP trip for two on an exclusive yacht in Monaco as part of its Colour Up Your Shop campaign. This opportunity is open to all graphic manufacturers and installers who buy 10 or more linear metres of 3M's Wrap Film Series 1380, Wrap Film Series 1080 and/or Wrap Overlaminate 8900 between 1 November 2018 and 28 February 2019.

To enter, customers must register their purchase at www.3M.eu/colourboard. They will then receive one ticket that automatically enters them into a prize draw, which will take place in March 2019. Customers are eligible to receive one ticket for each order they place during the campaign period.

The winner will have access to an exclusive VIP arrangement on a super yacht both Saturday and Sunday of the race weekend (23-26 May 2019). The package includes a luxury three-night hotel stay, entertainment, fine wines and gourmet food.

Meanwhile, customers who purchase a minimum total of 150 linear metres of the same wrap films during the campaign period will receive a single free colourboard from 3M worth more than £310, excluding VAT. This high specification point of sale tool showcases 120 A5 samples of the company's wrap films, providing a useful selling aid.



As part of the Colour Up Your Shop campaign 3M customers can register for the opportunity to win an exclusive VIP trip to Monaco.

Joris Van Liefde, 3M customer journey manager for graphic markets in western Europe, says: "We're really excited about this promotion. For many of our customers this could be a once in a lifetime opportunity to experience up close, the excitement of the race with a viewing

venue of a super yacht. We are passionate about supporting our car wrap installer customers. The sooner you get involved, the greater your chances of winning the grand prize and the colourboard from 3M."

www.3M.eu/colourboard

## Manager takes ownership of sign franchise



Centre manager Richard Frayling takes ownership of Signs Express (Taunton).

After more than 14 years working for the Taunton franchise of Signs Express as centre manager and more than 25 years in the sign making industry, Richard Frayling has taken ownership of the business following Maurice Firman's decision to sell.

Richard's knowledge and dedication to the company will hopefully prove to be significant in his ownership and he expects to see many exciting new projects come to fruition in the coming months. He says: "I want to take the business to new heights by investing in new equipment while continuing to deliver the exceptional service and products our customers have come to expect from Signs Express (Taunton)."

"I want to continue to deliver the service and products our customers have come to expect"

Signs Express managing director Jonathan Bean says: "I'm confident he's the right person to take the Taunton centre to new levels and thrilled to work closely with him to help him achieve his goals."

www.signsexpress.co.uk





## **Applelec celebrates 20 years** of successful trading

Applelec is celebrating 20 years of successful trading. The business has seen significant changes and developments within this time with increases in premises, investments and staff members. From humble beginnings as a metal fabricator, Applelec has widened its offering and now combines work as a bespoke manufacturer of signage, displays and LED solutions with its lighting product, LED Light Sheet selected to provide illumination for a range of

"With clients at forefront of everything we do, we have increased our team to now almost 100 strong including CAD designers, technical advisors, a design engineer and field staff"

national and international projects. Along with activities as a lighting manufacturer, Applelec supplies LED systems, which has seen the company recently become the sole UK distributor for SloanLED.

The evolution of the company has led to substantial growth for Applelec and to accommodate this, in 2016 the company relocated to larger premises with all manufacturing output taking place inhouse at its 6.3 acre Wharfedale Business Park in Bradford. The increase in space has enabled the business to continue its developments with investments in equipment, machinery and facilities including a new dual purpose powder and wet spray plant, AXYZ CNC router, large format press brake machine and a dedicated manufacturing area for its NeonLux LED product.

Along with the company investing in new technology and machinery, one part that has remained unchanged for the last 20 years is craftsmanship being the backbone of the company. Applelec has always taken great pride in its team of skilled fabricators who have been creating precision manufactured signage since 1998.



Applelec has always taken great pride in its team of skilled fabricators

Managing director Ian Drinkwater says: "We are all so proud of what the company has achieved and will continue focusing on what we do best, high quality products and manufacturing with 100% attention on customer service. With clients at the forefront of everything we do, we have increased Applelec's team to now almost 100 strong consisting of CAD designers, technical advisors, a design engineer and field staff to better accommodate and support our customers' needs."

www.applelec.co.uk



# SIGN News

## Large format company wins business excellence award

Large format digital print production company Imaginators won the Best SME Business of the Year at the Essex Business Excellence Awards 2018 sponsored by HSBC.

Imaginators prints and installs giant graphics including stage branding for the music industry, music festivals, live entertainment and events; sports branding; exhibition, experiential marketing, retail and PoS graphics; giant building wraps and outdoor advertising.

Last year the company installed its second Durst superwide format press and now operates six different digital output technologies including roll to roll and flatbed printing using both UV and latex inks which has enabled the 43-year old business to approach new clients and improve its services to its current client base including some of the most popular music festivals in the UK together with sports branding for The Football Association, Tottenham Hotspur Football Club and Saracens Rugby and high profile retail brands Selfridges, Harrods, Alfred Dunhill and Marc Jacobs.

Director and founder Matt Tydeman says: "Imaginators are no strangers to winning awards across all the market sectors we operate within; winning best event branding for three consecutive years for our services to the music industry is a wonderful achievement which we are



Last year the company installed its second Durst superwide format press and now operates six different digital output technologies

immensely proud of. However, I wanted Imaginators to be recognised for its achievements in business and not just the printing and events industry to acknowledge the hard work passion, determination, tireless energy and skill that goes into running a top performing company while recognising the printing industry as a whole.

"These high profile awards were judged on financial acumen, management, growth, leadership, innovation, quality and service against other businesses from tech-start-

ups, retail, finance, IT, media and manufacturing and I am immensely proud of what this award means to the business and the team behind Imaginators.

"Winning Best SME Business of the Year 2018 is already opening up further opportunities for printing within our established business areas both across Essex and throughout the UK. Business is good and we're confident of yet further strong growth".

www.imaginators.co.uk

## National award recognition for student accomodation signage

Signs Express (Exeter) is a finalist in the BSGA Sign Awards for their architectural project on behalf of The Leat Student Accommodation. The commission included the provision of both internal and external architectural and wayfinding signage for the bespoke student accommodation which is set in historic buildings and includes the centrepiece, The Leat, which dates to the middle ages.

It was important that the signage had an industrial heritage feel and this was achieved by using stainless steel, corten

steel and aged verdigris copper. The accommodation has been complemented by a 10-section multi-layered plaque in the three metals, mounted using studs to the surface of an irregular stone wall.

Signs Express (Exeter) translated the client's initial design concept, specification and designs into physical designs that could be laser-cut, aged and installed. Inside the building, vinyl-cut decals for walls and glazing graphics for internal wayfinding, all following the same concept, completed the look.



An industrial heritage feel was achieved using stainless steel, corten steel and aged verdigris copper.

www.signsexpress.co.uk/exeter

## Roland Heroes judges announced

Roland DG has announced the official judges at Roland Hero 2018, the inaugural awards programme placing a spotlight on members of the Roland community across the EMEA region. Entries will be accepted until 31 December 2018, after which a panel of judges will study every story and select the one individual who best represents what it means to be a Roland user. Christian Duyckaerts, president of FESPA; best-selling author and awardwinning entrepreneur Beth Kempton; and Gillian Montanaro, head of marketing at Roland DG EMEA, will make up the panel of judges.

Christian has been active in the printing industry for more than 20 years and inaugurated as president of FESPA in May 2017. He is managing director of Retail Communicators, a print production service located in Belgium specialising in office interior decoration and rebranding.

"In the two decades I have spent in the print industry, I have experienced the shift from analogue to digital in wide format printing and as a result am a strong believer in the unlimited possibilities offered by digital wide format," says Christian. "At FESPA our mission is to educate the community and the Roland Hero awards are a great way to share incredible stories of print businesses. It's a fantastic initiative and I'm delighted to join the judging panel."

Beth Kempton is a motivational speaker and entrepreneur who founded the



The Binary Box has created magic in its new creative studio with floor-to-ceiling wraps printed on Roland TrueVIS VG-540.

company Do What You Love and co-founded Make Art That Sells and Make It In Design. Beth says "it's an honour to receive an invitation to be on the jury of the Roland Hero awards. I know how amazing this kind of competition can be for all involved. I love helping to bring dreams to life and excited to discover the first Roland Hero."

Gillian Montanaro comments: "I'm delighted to welcome Beth and Christian to the panel of judges for Roland Hero. They will each bring something different to the table and while it will undoubtedly be a tough decision considering all the fantastic entries, I'm sure we'll find the most deserving recipient of the Roland Hero crown. By extending the deadline we hope to find even more Heroes who exemplify the creative, innovative and forwardthinking approach we have at Roland."

www.rolanddg.co.uk

## Vehicle WrapShops provide free hands-on training

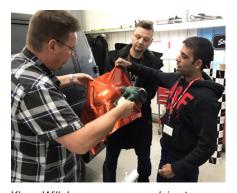
William Smith has teamed up with 3M to host free vehicle WrapShops for customers across the UK. Over 90 participants attended the three workshops, which took place at the William Smith base in Barnard Castle, Irlam, Greater Manchester and 3M Atherstone. Warwickshire.

3M's senior application engineer Klaus Willekens demonstrated application techniques while highlighting the features and benefits of a variety of vehicle wrap films. A number of innovative materials

were used in the WrapShops, including 3M Envision Print Wrap Film 480mC, 3M Wrap Film Series 1080 and 3M Print Wrap Film Series IJ180mC, which has now been certified for 3D applications.

Head of marketing at William Smith Chris Bradley says: "The WrapShops gave customers a brilliant opportunity to get hands-on with the materials, the chance to test the techniques for themselves and perfect their application skills."

The Training Academy, offers 10 courses



Klaus Willekens passes on advice to WrapShop participants.

ranging from wrap training to sales, as well as workshops and taster days.

www.williamsmith.co.uk



# SIGN News

## Two brands, one solution: a winning formula

Gateshead-based Astley and Northamptonshire-based Sign of the Times walked away with four accolades at the British Sign and Graphics Association (BSGA) Awards.

The two brands, which came together in 2016, are able to provide clients with a fully integrated package under a 'two brands, one solution' approach. Astley, which designs, manufactures and installs signs for national brands including BP, Sainsbury's and Hilton, won in the Illuminated Sign of the Year category for their production of the Tyne Bridge's Great North Run sign and in the Rollout Programme of the Year for their BP contract across the UK.

Sales director David Forrester says: "These awards are highly regarded within the signage industry and our success emphasises the strengths and diversity of Astley and Sign of the Times.

"Our acquisition of Sign of the Times has really complemented the services offered by Astley and put both companies in a significantly stronger position to grow our portfolio. Walking away with four awards shows that our approach is working. I want to give special mention to our apprentice lan, who was shortlisted in the Young Signmaker of the Year category. He has proved a real asset to Astley as he continues on his apprenticeship."



Darren Roughton with Astley directors David Redhead, Gavin Redhead and David Forrester.

Sign of the Times, which specialises in producing creative custom displays and experiential environments for design and branding agencies, won in both the Craftsman and Innovation of the Year categories for their work as production partners for Acrylicize on the production and installation of the Piccadilly Lamps in Manchester. The five over-sized, illuminated lamps and surrounding building graphics adopted many traditional and

cutting-edge processes, creating a distinctive space that draws the crowds.

"These awards acknowledge the dedication and hard work our employees demonstrate on a daily basis," concludes managing director Darren Roughton.

www.astley-uk.com www.signsofthetimes.co.uk

## Signs Express centre opens in Salisbury



Rod Clark brings a combination of skills to the company

Salisbury is the fourth new centre Signs Express has opened this year, making a total of 67 across the UK.

The owner of Signs Express (Salisbury) Rod Clark brings a combination of skills to the company from his time working in project management, business operations and photography. His range of expertise has helped him get off to a flying start, having recently completed work for a number of local businesses.

"Nothing is more important to me than having a good relationship with the customers I work with in my local area,' says Rod. "I am excited to be a part of the award-winning franchise and cannot wait to use all of my experiences to focus on

running my own business, which has always been my goal".

Signs Express managing director Jonathan Bean comments: "Rod is a natural people person with a vast professional background. He is a highly motivated and proactive individual which will support businesses in Salisbury with their signage needs. We are thrilled to welcome him into our network and looking forward to working closely with him over the coming months".

Rod is joined by a highly-skilled team who will assist with any signage project you may have in the area.

www.signsexpress.co.uk/branch/salisbury



## Sign & Digital invites industry to shape 2019 show

Sign & Digital UK will return to Birmingham's NEC 2-4 April with "its most compelling Main Stage programme to date" designed in collaboration with its visitors. Show organisers are welcoming attendees to use an online form to pose questions they would like to see answered on the Main Stage and suggest who they would like to hear speak at the show.

Whether part of the industry panel debates, presenting a practical case study led session or even becoming a guest to chat with host Colin Gilman, Sign & Digital UK aims to accommodate the right experts, advice and insights into next year's event.

"We're delighted to offer the industry the chance to get involved with this year's show to ensure we're offering the most relevant and supportive advice to our visitors"



Sign & Digital UK wants to accommodate the right experts, advice and insights into the 2019 event.

Furthermore, the show website hosts expert educational content to support innovation within the industry throughout the year while the Main Stage aims to bring these and other industry topics to life at the show next year.

Marketing manager Jane Lewis says: "In the current climate, where markets are constantly changing, business owners need to get smarter to retain and win business. We're delighted to offer the

industry the chance to get involved with this year's show to ensure we're offering the most relevant and supportive advice to our visitors.

"We hope this will enable business owners to learn valuable lessons that will help them to grow their business, diversify their offering and put them at the top of their game."

www.signuk.com

## Fleetwood Town FC extends partnership with Blackpool signage business



Carl and Shaun Bennett from Links, Signs and Graphics at Highbury.

League One Fleetwood Town (FTFC) is extending its partnership with Blackpoolbased sign and graphics expert Links, Signs and Graphics, as the club's official signage partner. 2018-2019 is the fifth season the two have worked together to create effective signage at the club's Highbury Stadium and its training and community facility Poolfoot Farm.

Fleetwood Town head of commercial Martin Booker comments: "We are delighted to extend our relationship for the season. For the past four years Links have provided fantastic support to us for various projects involving signage and rebranding."

Links Signs managing director Shaun Bennett says: "We are proud to once again renew our ongoing relationship with FTFC as the club's official signage partner. This is testimony to the quality service and products we provide.

"On match days our signage is evident by way of pitch boards but the array of products supplied goes way beyond these throughout Highbury and Poolfoot training complex where there is wider evidence of our products on display. We are very proud to be in the position to deliver as we have, as and when required.

www.linkssignsandgraphics.co.uk



## SIGN News

## **Eco-friendly signage encourages** responsible recycling

Surrey-based The Stocksigns Group has created a range of Enviro Signs which have been made available for temporary indoor and outdoor signage as a "greener alternative" to plastic, foam board and composite material.

As part of the group's push to encourage businesses to stay green, the range has been produced by approved materials from the Forest Stewardship Council (FSC). The organisation has certified the Recyclable Display Board as 100% fibre based, compostable and fully recyclable and every standard and custom-made sign available from Stocksigns and First Call Signs is available on these new eco-friendly materials.

The Recyclable Display Board is aimed at businesses looking for the flexibility of displaying the board temporarily indoors or outdoors. Used mainly as standalone signs, they are suitable for smaller temporary signage required for up to six months outside, with a longer lifespan indoors. Due to being recyclable and compostable, these are ideal for events and shorter construction projects.

Proving popular with the construction industry, the non-PVC Bubble Board is 100% recyclable, which allows a hardwearing temporary signage alternative to traditional corrugated plastic and foam boards and has a guaranteed 36-month lifespan when displayed outdoors.



Used mainly as standalone signs, the Recyclable Display Board is suitable for smaller temporary signage required for up to six months outside.

Managing director Danny Adamson says: "Wasting of fossil fuels and materials has been a subject of many a conversation over the last few years so we felt that producing the Enviro Sign range was a perfect incentive for those to contribute in making a difference. They allow you to create an innovative and professional look to communicate your safety and sales messages while attracting potential customers and the general public.

"We have priced the Enviro Signs at the same price as signs produced on standard

1mm plastic, showing that going greener doesn't affect your bank balance".

The Enviro Signage range can be produced on a maximum standard panel size of 1220mm x 2440mm. Utilising these panels can help companies who are looking to improve their green credentials and use this as a selling point to improve not only their trading prospects but environmental reputation.

www.stocksigns.co.uk

## **New business owner for Signs Express Nottingham**



Paul Glover is planning exciting new developments and projects.

Paul Glover has become the new owner of Signs Express (Nottingham). Established in 2011 by Jane and Adam Bailey, the company is one of the largest signs and graphics operations in the area...

The business has experienced sign makers in-house, a wide range of sign making equipment and provides a comprehensive design, manufacture and fitting service to assist organisations both large and small with a wide range of signs and graphics requirements.

"After more than 28 years in waste management, a move to the signage industry is an exciting step for me and I can't wait to see how experience of running my own business will contribute to the growth of Signs Express," says Paul.

"I'm looking forward to talking with new and old customers and helping to tackle their signs and graphics needs."

Former owner Jane Bailey says: "Adam and I are sad to say goodbye to this chapter of our lives but know Paul will be able to deliver the innovation and drive Signs Express (Nottingham) needs to continue to thrive and provide impeccable designs and graphics for local businesses."

www.signsexpress.co.uk



## Roland users celebrate their craft at British Sign Awards

Roland DG invited some Roland users to the British Sign Awards ceremony in November. Among them were members of the Mission Motorsport team, a charity that exists to help injured ex-servicemen "race, retrain and recover" by getting involved with all aspects of motorsport from engineering to vehicle livery.

Aside from being nominated for the 2018 Vehicle Graphics of the Year award, their 'Poppy Car' was on display in front of the Athena. The Jaguar F-Type SVR was wrapped with a reflective vinyl featuring a poppy design incorporating the words of John McCrae's poem 'In Flanders Fields' using Roland DG's wide format TrueVIS SG-540. The car stole the spotlight when it was acknowledged in the Vehicle Graphics of the Year award. CEO of Mission Motorsport James Cameron says it was "an amazing achievement for those involved that reflects the emotion, hard work and dedication that went into making such a remarkable car."

"It's inspiring to see a fresh generation of signmakers stepping up to take the industry in new heights"



The Jaguar F-Type SVR was wrapped with a reflective vinyl featuring a poppy design incorporating the words of John McCrae's poem 'In Flanders Fields'.

Roland DG was joined by Joe McNamara, head of graphics for Renault Sport Formula One Team and Alex Liggett, owner of The Vinyl Guys.

Although the businesses differ in terms of size, they both benefit from the capabilities of Roland's TrueVIS range of printer/cutters, allowing them to create vehicle graphics, signage and promotional material with equal ease. In addition, Roland DG sponsored the 2018 Young

Signmaker of the Year award, which was presented to Marc Kisko of Reade Signs in Aldershot by UK and Ireland head of sales Rob Goleniowski. "It's inspiring to see a fresh generation of signmakers stepping up to take the industry in new heights. I'm proud that Roland continues to help them succeed by providing new technology that can take them even further."

www.rolanddg.co.uk

## Sun Chemical to increase prices of liquid inks in Europe

Sun Chemical will implement a new price increase affecting its solvent- and waterbased liquid inks in Europe, effective 15 January 2019.

Costs have risen annually on a variety of key raw materials used to manufacture inks including solvents, acrylic derivatives, organic pigments and polyols and isocyanates, which are the basic building blocks for numerous resins.

Additionally, ongoing initiatives in China to enforce tighter environmental regulations at chemical plants has resulted in ongoing supply disruptions.

"The increasing raw material costs continue at an unprecedented rate and require us to increase customer prices," says Sun Chemical's chief marketing officer Felipe Mellado.

"We will continue to work with our supply chain partners to manage and minimise the impact on our customers."

www.sunchemical.com



a member of the DIC group





# SIGN News

## Hybrid appoints Josero as Mimaki Sign & Graphics Authorised Partner

Exclusive UK and Irish Mimaki distributor Hybrid Services has added Josero to its network of Sign & Graphics Authorised Partners. With an established history as a wide and grand format printer reseller, Josero will promote Mimaki's range of solvent roll-fed printers, integrated printer/cutters and cutting plotters.

Hybrid's chief operations manager Brett Newman comments: "Josero is a wellestablished company with 15 years' experience in the sign and graphics market and Hybrid is looking forward to working alongside their team in this important sector for Mimaki."

Josero offers a complete portfolio of wide and super wide printers as well as technical support and backup.

"We look forward to welcoming new and existing customers to Josero to put products from the Mimaki Sign & Graphics range through their paces"



Loic Delor (second left) and Brett Newman (far right) at Josero's Cambridge showroom.

Its specialists have considerable inkjet knowledge and their trained engineers support the company's install base. "We're absolutely delighted to join forces with Hybrid," says managing director Loic Delor. "Mimaki offer an innovative product range that perfectly complements the hardware we already offer."

Josero already has models from Mimaki's JV range of solvent printers, CJV range of solvent printer/cutters and FX cutting

plotters and the LA-160 laminator in the showroom for demonstration.

"We look forward to welcoming new and existing customers to Josero to put products from the Mimaki Sign & Graphics range through their paces, as well as to appreciate the many benefits the array of solutions we offer can have for businesses looking to invest in new technology," concludes Loic.

www.hybridservices.co.uk



## The Sussex Sign Company signs Armed Forces Covenant

Military personnel including veterans have a new ally in their search for employment after The Sussex Sign Company pledged its support by signing The Armed Forces Covenant. This is a promise by the UK ensuring that those who currently serve or have served in the armed forces and their families are treated fairly.

It means the company which employs 24 staff, will uphold the covenant's key principles across its operation and advocate these to its customer base of 5,000 SMEs. In practice, the signing of the Covenant means The Sussex Sign

Company will help Armed Forces personnel seeking employment recognise the transferrable skills they have.

Operations director Linda Edwards says: "The service men and women of the UK's armed forces are not assured an easy transition back into normal life when they leave the military. All veterans often have to take a huge leap from their experience in military employment to whatever they do next and it is rarely easy. We are committed to supporting wherever we can.

www.sussexsigns.com

# INDUSTRY comment

## A sign of things to come: new technologies and opportunities

Augmented reality and artificial intelligence are becoming increasingly mainstream technologies and businesses in the sign and display industry are realising their great potential, writes Marc Hermans, director of sales EMEA at SAi.

Even if your knowledge of them is minimal, it's possible that terms such as augmented reality (AR), artificial intelligence (AI) and 3D printing are not completely new to you. These are just some of the technologies that are increasingly stealing news coverage among mainstream and technology media. If they deliver on their promise, such technologies are set to unleash opportunities across applications in a wide array of industry sectors.

The good news is that this includes those operating at the sharp end of the large format/sign and display sector. In the case of 3D printing, recent hardware introductions designed specifically for visual communication applications already make this exciting technology accessible to businesses in this space.

For AR and AI, each market is predicted to grow by \$30 billion and nearly \$60 billion respectively by 2025. Clearly, these are not to be ignored. Granted, AR and AI may still have some way to go before sign and display users can quantify the opportunity in the same way as 3D printing but we're not light years away.

From SAi's perspective, we like to think we're ahead of the curve in exploring ways in which such 'emerging' technologies can benefit customers.



In the case of AR, the technology could transform the way in which sign and display providers convey their offering to customers, by enabling them to superimpose computer-generated images onto a user's view of the real world.

Imagine the increased visualisation and appreciation achievable from projecting a customer's banner onto the side of a building for which it is intended. This could improve customer interaction and perhaps secure go-ahead for projects faster. This

"For those willing to positively embrace AR, AI and 3D technologies, the signs are promising"

could get jobs out of the door quicker and lead to increased production throughput and expanded profit margins.

Similar business-enhancing opportunities could be exploited from AI, which is effectively 'intelligence demonstrated by machines'. Al could enable sign and display companies to rapidly process enormous amount of data to determine, for example, the best colour, dimension and font style to achieve a more precise and efficient design process for their projects.

Those who once may have previously predicted the gradual decline of the sign and display industry, may have been a little hasty. The sector is flourishing and for those willing to positively embrace these aforementioned technologies, the signs are promising.

www.ThinkSAi.com



AR technology could transform the way in which sign and display providers convey their offering to customers, by enabling them to superimpose computer-generated images onto a user's view of the real world.



To advertise on these pages call Martin on 01784 605 601

#### For the latest:

Equipment for sale: www.signupdate.co.uk/fs www.signupdate.co.uk/jobs Job vacancies: Businesses for sale: www.signupdate.co.uk/bus

### Equipment Wanted (Trade)

#### Classified advertising rates

Half page £220 Quarter page £120 1/8<sup>th</sup> page £70 1/16<sup>th</sup> page £40 1/32<sup>th</sup> page £30 Job Vacancies and items for sale also

go online at no extra cost.

**Engraving Machines** Manual and computerised, most makes, in any condition. Tel: 01992 899 255 Fax: 01992 899 256 sales@ronamachines.co.uk

ronamachines.co.uk

## **Equipment for Sale**

#### SummaSign D610 Pro Vinyl Cutter

In reasonable working condition - £650 + vat Call Simon on 07411 960 686 for more details.

### **Mimaki JV33 Printers**





Pre-owned, fully refurbished from

£4,995

or lease from £118.34 per month Includes RIP. set of 8 inks, one year's on-site warranty and telephone support, UK delivery & installation.

ColorSolve 440ml inks £54.95 each. Also available Mimaki CG-FX cutters

Short term printer rentals from £250 per month. See website for details.

All prices plus VAT, leasing subject to status.

www.applied-image.com

## **Equipment for Sale**

## S7GN U

UK plate on retention with assignment fee paid, so straight onto your van. sales@impressions-signs.co.uk

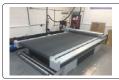
#### Tekcel E-Series CNC Router

3 x 2m (active cutting area) Automatic Tool Change Routing System For sale due to the purchase of a third (Tekcel) machine and a lack of space to keep all three! 3 - Axis, Flat bed machine. 9kw High Frequency Spindle.

£26,000 + vat 07792 154 082

#### CNC Routers New In

#### Vendka



Zund G3 L-3200, 2017, just 366 hours, router head, 1800 x 3200mm, lots of tooling, as new. POA



CR Onsrud 8 x 4 CNC Router, 2014, ATC x 10, with drill head, mist coolant, Great Machine. £32,500



Isel Flatcom M50, 2013, ATC, Vacuum Bed, Tool Control Pendant, Fully Enclosed, £17.500



Multicam MG 304, 2001, 3m x 2m, mist coolant, CAM software, Heavy Duty Machine. £12,500



Multicam 1000 Series, 2007, compact, mist coolant, CAM software, 127cm x 127cm. £12,500

rhi@vendka.com - 01495 313855 - vendka.com **Wanted CNC Routers, All Makes** 

## Job Vacancies

## **Experienced Sign Maker**

#### Manchester area

Impact Signs, based in Altrincham, have an opportunity for an experienced sign maker to join our team of skilled staff who manufacture with a real passion for signage.

We would like someone who takes great pride in their work. You should be be very keen, creative and self motivated.

We work with large national companies as well as smaller independents but pride ourselves on the long term repeat work from our large corporate sign base.

Essential skills and experience:

General Sign making duties Ideally minimum of 5 years industry experience

Send your CV and include a covering letter to liz@impact-signs.co.uk

## Vehicle **Graphics Fitter**

#### Milton Keynes

Yowzer Signs require a full time vehicle graphics fitter and sign maker at our offices in Milton Kevnes.

Experience installing vehicle graphics essential.

Competitive salary depending on

Contact 01908 378 882 sales@yowzer.co.uk

## Sign Maker

#### **Birmingham**

HNS Signs are an award winning signage company producing bespoke internal and external signage from design to manufacture to installation

Vacancy details: www.flexibleminds.co.uk/sign-maker or call 0121 6616 495 for more information

#### Vehicle Graphics Installer

#### Lancashire

MW Signs Ltd are looking to recruit an experienced Vehicle Graphics Fitter to join their busy team.

Based near Blackburn Lancashire, the applicant would be mostly working within Lancashire and Yorkshire, but work further afield may sometimes be necessary.

Contact: Caroline@mwgraphics.co.uk

## **Graphics Manufacturer/Installer Birmingham**

PR Graphics is a Manufacturing Business who has been trading for over 30 years. We are a small family run business, and we are looking for highly motivated individuals with an exceptional eye for detail, and who takes pride in going that 'extra mile' in bringing our Clients designs to life.

The role encompasses all aspects of Graphics Manufacture, using various types of machinery for example to quote just a few, direct to media printers, vinyl cutters, CNC routers and laminators, using a wide range of media.

A knowledge of the software packages illustrator and Photoshop are a desired requirement.

Salary will be based on experience - £18,000 to £25,000

To apply, please forward a CV and covering letter to: p\_rowley@btconnect.com

#### SIGNCRAFT

#### Sign Maker / installer Cheltenham

We are looking for an experienced sign maker / installer to join our small team based in Cheltenham.

An all-rounder with a minimum 3 years experience in the sign industry both making and fitting

Salary based on experience, full clean driving licence required.

For full job description and to apply email jobs@signcraft.graphics

Tannery Works Ltd

#### PRODUCTION MANAGER

REQUIRED FOR GROWING SIGN MANUFACTURING **COMPANY IN** 

#### **LEEDS**

Please send your CV to: Mike Nield sales@icesigns.co.uk 0113 224 2124 WWW.ICESIGNS.CO.UK

#### Signage Fitter/Installer

Elmtree Signs is currently looking for someone with at least 3 years experience as a Signage Fitter/ Installer to join their friendly experienced team.

www.signupdate.co.uk/sfih

#### **Experienced Sign** Fitter/Maker

#### **East Midlands**

As a full-service design and creative agency based in Nottingham, we are now looking for an experienced signage and vinyl fitter ideally with print and finishing knowledge and a keen eye for detail to join our expanding team.

Driving licence is required jane@glasshousecreative.co.uk

## Installer

Vinyl Sign

#### Macclesfield/Cheshire

Tunnicliffe Signs are looking to recruit a full time signs & graphics installer who has experience in this field.

Candidate needs to be creative, quality orientated, and looking to be part of a friendly team.

**Email CV to** info@Tunnicliffesigns.com

## **Trade suppliers** SignIrade to the sign industry www.signtrade.co.uk 08085 456700 Iceland.co.uk **Moulded Letters LED BLOK letters** Flatcut letters **Chromaform Letters** Trays in composite Complete builds **LED Lighting** Acrylic Domes & Dishes It's where the trade go.

# 3D Acrylics & Metals Ital

## Specialists in Quality built up & flat cut lettering & logos

Acrylic, Aluminium, Stainless Steel & ACM







Built up Illuminated Metal Letters

Projection Signs

Our comany has been supplying the UK Sign Industry for over 15 years & have worked with various countrywide companies







Built up Rim & Return

Built up Rimless Letters

Built up Perspex Letters

0191 469 1199 www.3dacrylics.co.uk acrylics3d@hotmail.com

Unit B1, Felling Business Centre Green Lane, Gateshead NE10 0QH

# Spi Trade

CABLE & ROD

#### SHOP SIGN TRADE SUPPLIES ONLINE

Full Range of Sign Trade Products Including: **Aluminium Sign Standoffs from only 50p** and Brass Sign Fixings from only £1.20

I FD POCKET WINDOW DISPLAY KITS:

**NEW PRODUCT A2 LED Display Kit** 

1 Panel **£130** 2 Panel **£240** 3 Panel **£330** 

4 Panel A4 Kit 4 Panel A3 Kit

was £250 NOW £168 was £340 NOW £237







Shop Online at: www.ispitrade.com or Call: 0845 241 2467









#### Classified advertising rates

Half page £220 Quarter page £120 1/8<sup>th</sup> page £70 1/16<sup>th</sup> page £40 1/32<sup>th</sup> page £30

Job Vacancies and items for sale also go online at no extra cost: www.signupdate.co.uk/job www.signupdate.co.uk/for-sale



# ▶ signinstallations

your signs in safe hands...

w sign-installations.co.uk | t 01273 424900

#### Your sign installation company of choice....

Covering London, Sussex, Hampshire, Surrey and Kent.





TEX48 Profile



How it WORKS...







A **SEG** fabric tension system, but not as you know it!

- CREATE amazing shapes
- SAVE time
- EASY to change
- DYE-SUB, LATEX, UV printed fabrics
- FORGET sizing problems
- FORGET stitching

All profiles are compatible with the unique SpiritTEX™ Gripper or a self-adhesive SEG or stitched SEG

## Silicone Edge Let's get one thing straight! Fabric face Perfect, smooth fabric tension every time Spirit-TEX Gripper Now let's get creative

## A SPRITDISPLAYS PRODUCT

SPIRIT DISPLAYS LIMITED - UNIT 14 - BATH HOUSE ROAD BEDDINGTON TRADE PARK - CROYDON - - CRO 4TT TEL: +44 208 684 0455 - EMAIL: INFO@SPIRIT-DISPLAYS.COM TEX48 Profile

rolled to curve



choice of the professional sign maker

Everyday Signmaker's Products at Competitive prices



#### **LETTER FIXINGS**

We offer the largest stock of our iconic letter fixings in the UK.



#### **KNIVES & BLADES**

Available in both ceramic and steel at fantastic prices.



#### **ADHESIVES & TAPES**

We have a fab range of VHB And UHB tapes along with our range of glue, nozzles and glue guns.



#### **TOOLS**

Our competitively priced range of tools available for next day delivery.



#### **ACCESSORIES**

We stock a complete range of safety Products & workwear.



#### **FIXINGS**

We offer a complete range of fixings, barrel fixings Clamps, screw covers for the sign maker.



Snapfix Are an ISO 9001.14001 and **OHSAS 18001** Accredited Company







## 0844 800 7866

sales@snapfix.com www.snapfix.com

Snapfix, Unit 3, Turbine Park, Turbine Road, Birkenhead, Wirral CH41 9AY



It means what it says

## **Chemical Etching and Engraving**



Engraving on Marble, Slate and Stone

Large lettering or fine details

including both on the same panel





for fast, reliable etching and engraving

Complex shapes no problem engraved or laser cut to your design

## See our main advert on page 57

Furnells have 50 years' experience in Etching and Engraving



Tel: **0208 880 2771 / 0208 880 2070** 

Web: www.furnells.com E-mail: sales@furnells.com Unit 5, Crusader Industrial Estate, 167 Hermitage, London N4 1LZ



PREMIUM GRADE WHITE GLOSS MAGNETIC ROLL 0.8mm X 620mm WIDE

> FOR ONLY £50 Per 10 Meter Roll EXC. V.A.T.

Tel:- 0191 5120096 Fax:- 0191 5847804 Email:- sales@lettercrafttopsignsuk.co.uk **Driving School Signs** Supplied at Trade Prices



For Full Range Visit:www.lettercrafttopsigns.co.uk

**GUARANTEED NEXT DAY DELIVERY** 



CORREX • PVC • VINYLS • MAGNETICS • ACRYLICS

ESTATE AGENTS BOARDS A SPECIALITY compare our for sale board prices on our web site

t:01745 814066 of:01745 815374 www.humphreys-signs.co.uk sales@humphreys-signs.co.uk

# FKMOORE



Cable Display Systems



Wall Fixing Stand-offs



Brass Sign Locators



Nylon Sign Locators



Bespoke Design & Manufacture



Sign Hangers













PROTECT YOUR SIGNS THE ULTIMATE

**BIRD DETERRENT** 

· Self adhesive fitting tape option available (no glue or screws needed)

• Light weight, stacks compactly - reduces storage space, makes it easy to carry on site.

Flock-Off bird deterrents Ltd.

PO Box 92 Ware, Herts SG11 2BD

Fax: 01279 659133

· Transparent UV stabilised polycarbonate • User friendly rounded tips - not harmful to pigeons

· 8 Snap off grooves per length - no waste!

7 Glue fixing holes reduces adhesive costs!

Tel: 01279 503250

3D DOME LABELS
3D DOMING SYSTEMS

A BOARDS

**ACRYLIC SHEET** 

ALUMINIUM SIGN BLANKS

**ALUMINIUM SIGNS** 

BANNER FIXING SYSTEMS BANNER INSTALLATION BANNER SUPPLIERS BLADES / SMART KNIVES

BRAILLE AND TACTILE SIGNS
BUILT UP LETTERS ACRYLIC
BUILT UP LETTERS METAL
CABLE DISPLAY SYSTEMS

CAST SIGNS

CHEMICAL ETCHING

CHROME PLATED LETTERS

CNC ROUTING & ENGRAVING MACHINES

**COAT OF ARMS** 

**COMMEMORATIVE PLAQUES** 

CUT-OUT LETTERS CUTTING MATS DIGITAL PRINT

DIGITAL PRINTED SIGNS
DIGITAL PRINTER SUPPLIES

DMX LED SYSTEMS DOMES & DISHES

**DOUBLE SIDED TAPES & ADHESIVES** 

EDGELIT SIGNS ENGRAVING

ESTIMATING SOFTWARE

FINGERPOST SIGNS

FLAT CUT LETTERS

FLEXIBLE FACE SIGNAGE

GENERAL SIGN SUPPLIERS

GOLD LEAF SUPPLIERS

INSTALLATION CONTRACTORS LAMINATING/ENCAPSULATING

LASER CUTTING/ENGRAVING

LASER CUTTING/ENGRAVING MACHINES

LED ILLUMINATED LETTERS

LED ILLUMINATION

LED ILLUMINATION

LIGHT BOXES & LIGHTING MAGNETIC MATERIAL

MODULAR PANEL SIGN SYSTEMS
MOULDED & FABRICATED PLASTICS

MOULDED LETTERS

**NAMEPLATES** 

NEON MANUFACTURERS (TRADE)

NEON REPLACEMENT LETTERS

NOTICE BOARDS - LOCKABLE/EXTERIOR

PLASTIC SHEETS

POINT OF SALE FITTINGS
POSTER HOLDERS / CASES

PRINT/POSTER FRAMES

PROJECT MANAGEMENT SERVICES

PROJECTING SIGNS

REFLECTIVE VINYL/TAPES

**ROUTER CUTTERS/ PLOTTER BLADES** 

**SCREEN PRINTING** 

**SCULPTORS** 

SHEET MATERIALS

SIGN & DISPLAY SYSTEMS

SIGN LOCATORS

SIGN POSTS & FIXINGS SIGN SUPPORT SYSTEMS

SIGN SURVEYOR

SIGN TRADE SUPPLIERS

**SNAP FRAMES** 

SOLAR POWERED SIGNS & DISPLAYS

SPECIALITY FILMS STREET SIGNS TEXTILE SIGNAGE

TRANSFER PAPERS/HEAT PRESSES

TROUGH LIGHTING VECTORISING SERVICE

VINYL & GRAPHIC INSTALLATIONS

VINYL SUPPLIES WAYFINDING SIGNS

WIDE FORMAT SOLUTIONS PROVIDER

WOODWORKING



Search through the Buyers Guide quickly online at www.signupdate.co.uk/bg

To advertise on these pages costs as little as £130 for a full years advertising in our magazine and our website with web-links back to you!

Phone 01784 605 601 for full details of how to get your company to 21,000 Sign Update readers

#### 3D DOME LABELS

### MOCKRIDGE LABELS & NAMEPLATES LTD

Cavendish Street, Ashton-under-Lyne, Lancs OL6 7QL

Tel: 0161 308 2331 sales@mockridge.com www.mockridge.com

3D Resin Doming adds value to screen and digitally printed signs, lettering, labels and emblems. Mockridge offer a wide range of products from budget-priced starter kits to mass-production systems. Contract Doming service available. Send for samples.

#### 3D DOMING SYSTEMS

### MOCKRIDGE LABELS & NAMEPLATES LTD

Cavendish Street, Ashton-under-Lyne, Lancs OL6 7QL

Tel: 0161 308 2331 sales@mockridge.com www.mockridge.com

3D Resin Doming adds value to screen and digitally printed signs, lettering, labels and emblems. Mockridge offer a wide range of products from budget-priced starter kits to mass-production systems. Contract Doming service available. Send for samples.

#### A BOARDS

#### **DES LTD**

Knowles Ind Est, Buxton Road, Furness Vale, High Peak SK23 7PH

Tel: 01663 744824 desaboard@gmail.com www.desltd.co.uk

Manufacturer of the most popular metal Pavement Sign / A Board. Made from 1.2mm zinc coated steel, 11kg. Powder Coated with stainless hinge and heavy duty stays and rubber feet. Prices From £38.04 - std 533 x 864mm, Also available in A1, AO, or as poster, or legged. Available in stock colours or bespoke. Ral Colours. CALL NOW. Orders before 11 for next day delivery.

#### PLEX DISPLAY LTD

The Furlong, Berry Hill Industrial Estate, Droitwich, Worcestershire, WR9 9BG

Tel: 01905 798 123
sales@plexdisplay.com
www.plexdisplay.com
Established in 1994, Plex Display are
hardware designers and manufacturers of
Display, Café Barrier and Signage systems.
We offer the trade highly competitive pricing,
unrivalled stock levels and same day
despatch, all backed by first class customer
service and technical support. So whether
you are in the exhibition, display, signage or
large format printing industries we have
products to suit you

#### **SIGNWAVES**

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

Signwaves is the UK's leading provider of Pavement Signs & A-Boards. A wide range of traditional and adapted A-Board designs are available for next day delivery, with a selection of poster insert and printed display options to choose from. Swinger and Ecoflex pavement signs are also manufactured by Signwaves — with lowest prices guaranteed direct from the supplier.

#### **UK POS**

### Horsfield Way, Bredbury Park Industrial Estate, Stockport SK6

Tel: 0161 431 4400/4411

www.ukpos.com

UK POS are the UK's no.1 POS display specialists. Working in a variety of plastics, wood and metal, we currently design and supply over 25 million individual products. We combine nearly three decades of proven experience with cutting edge technology to create innovative products.

#### **ACRYLIC SHEET**

#### **RIGHTON LTD**

Righton House, Brookvale Road, Witton, Birmingham B6 7EY

Tel: 0121 356 1141 marketing@righton.co.uk

www.righton.co.uk

UK distributor of Polycasa Crylux Cast & Crylon extruded sheet acrylic. Available in a wide range of clear, opals, colours and special finishes. Also stocked: Alucobest aluminium composite sheet, Marlon solid polycarbonate, PET-G, SAN, polystyrene, hygienic cladding, rigid PVC and fixing accessories, sign post systems, aluminium sheet and extrusions.

## VISIONS IN PLASTICS Unit 3, Delta Court (Robin Hood Airport), Auckley, Doncaster DN9 3GN

Tel: 01302 775920 sales@visionsinplastics.co.uk www.visionsinplastics.co.uk Stocks of Mirrored Extruded Acrylic in clear, 19 colours, See-Thru, Two sided, Anti Scatch, Anti Fog. Mirrored Polycarbonate, Petg and Polystyene. Non mirrored sheet in Acrylic, ABS, Polycarbonate, Polystyrene and PVC Foam.

#### **ALUMINIUM SIGN BLANKS**

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com www.sygnetsigns.com

A long-established trade supplier, Sygnet Signs produces high-quality signs. Fabricating aluminium and stainless-steel trays to the exact specifications of our clients, we use lasers or CNC routers. Powder-coated or stove-enamelled finishes are available, and we supply fully illuminated fascia and projecting signage to our designs or yours. All work is undertaken in-house by our specialist team.

#### **ALUMINIUM SIGNS**

#### MULTITECHNIC LTD (EST. 1972) Coopies Lane Industrial Estate, Morpeth, Northumberland NE61 6JQ

Tel: 01670 512090 sales@multitechnic.co.uk www.multitechnic.co.uk

Full colour graphics that are genuinely under the surface of anodised aluminium. Unlike any other process, the highest quality digital print is created inside the anodised layer as part of the anodising process. This means that the signs cannot be defaced by scraping off the image, making digital anoprinting ideal for signs in public buildings such as schools, colleges & student accommodation.

#### **BANNER FIXING SYSTEMS**

### SIGNSCAPE AND SIGNCONEX LTD

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

Tel: 01934 852 888 sales@signscape.co.uk

www.signscape.co.uk

Serving the Sign Trade for over 40 years, we are a leading manufacturer of sign systems, notice boards & information displays. Our Bannerfix system provides the components required to support the temporary or permanent installation of PVC or fabric banners onto lamp columns, posts or on to walls, with either steel banding or Tamtorque fixings. Standard and custom length banner

#### **BANNER INSTALLATION**

arms are available.

#### MIDA SIGN SERVICES UK LTD Welbeck Street South, Ashton-Under-Lyne OL6 7QZ

Tel: 0161 8 300 600 info@midasignservices.co.uk www.midasignservices.co.uk Installers of any size of banner, from 1off's to nationwide marketing promotions, we supply & install post mounted and wire tension systems with a nationwide maintenance and emergency call out service, call for further

#### **BANNER SUPPLIERS**

#### PLEX DISPLAY LTD

The Furlong, Berry Hill Industrial Estate, Droitwich, Worcestershire, WR9 9BG

Tel: 01905 798 123 sales@plexdisplay.com www.plexdisplay.com

www.plexdisplay.com
Established in 1994, Plex Display are
hardware designers and manufacturers of
Display, Café Barrier and Signage systems.
We offer the trade highly competitive pricing,
unrivalled stock levels and same day
despatch, all backed by first class customer
service and technical support. So whether
you are in the exhibition, display, signage or
large format printing industries we have
products to suit you

#### **SIGNWAVES**

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

Signwaves supplies a variety of banners suitable for internal and external use. The range includes: Feather, Teardrop and Rectangular Flying Banners, Café Barriers and PVC/Pennant Hanging Banners. These can be printed if required. A selection of mounting accessories are offered for Signwaves' Flying Banners – covering hard and soft surfaces with little to no groundwork needed to install.

#### **BLADES / SMART KNIVES**

#### EDWARD MATHIAS & CO PO BOX 121, Frodsham, Cheshire, WA6 1AA

Tel: 01928 739 799 info@edwardmathias.com www.edwardmathias.com

Specialist manufacturers/suppliers of tungsten carbide plotter blades and router cutters. We don't just sell blades, we are the UK's leading manufacturer. Note - we have no connection with any other company who sell or re-sharpen blades.

#### **BRAILLE AND TACTILE SIGNS**

### BESPOKE MANUFACTURING LTD

Unit 1B Commerce Way, Walrow Industrial Estate, Highbridge, Somerset TA9 4AG

Tel: 01278 793 800

sales@bespokemanufacturing.co.uk www.bespokemanufacturingltd.co.uk Bespoke Manufacturing specialise in a wide range of Braille and Tactile signage. We've been trading for over 18 years and have built up an impeccable reputation in the braille and tactile sector. We use substrates such as acrylics, brass, copper, stainless steel and aluminium including slats style systems providing single signs, to complete directories. All our work is carried out in house.

#### **BUILT UP LETTERS ACRYLIC**

#### 3D ACRYLICS & METALS LTD Unit B1, Felling Business Centre, Green Lane, Gateshead, Tyne & Wear, NE10 0QH

Tel: 0191 469 1199 acrylics3d@hotmail.com www.3dacrylics.co.uk

In house manufacturers of high quality built up and flat cut lettering and logos, we can offer back trays and fixings along with face and/or halo LED illumination. Our prices are very competitive and offer a prompt service.

#### **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 acrylic letters and logos in colours and finishes from a variety of different sheet manufacturers. Built up letters are available with halo and/or face lit illumination from our award winning and cost effective LED range. Please ask for an information pack or contact one of our friendly and experienced sales staff for assistance. (Flat cut lettering is also

#### I.C.E.

available).

#### Tannery Works, 12 Whingate, Leeds LS12 3BL

Tel: 0113 2242124 sales@icesigns.co.uk

www.icesigns.co.uk

Manufacturers of built up acrylic letters and logos. We can offer face or halo illumination with the installation of LEDs if required. Please call our staff on the number below if you have any questions.

#### SIGN HERE

### 179 Fosse Road North, Leicester, LE3 5EZ

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

Trade service for 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.

#### **BUILT UP LETTERS METAL**

#### 3D ACRYLICS & METALS LTD Unit B1, Felling Business Centre, Green Lane, Gateshead, Tyne & Wear. NE10 0QH

Tel: 0191 469 1199 acrylics3d@hotmail.com www.3dacrylics.co.uk

In house manufacturers of high quality built up and flat cut lettering and logos in aluminum and stainless steel, we also offer a painting or powder coating service & most letters can be fitted with LED modules. Our prices are very competitive and offer a prompt service.

#### 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: +44 (0)1274 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. Please ask for an information pack or contact one of our friendly and experienced sales staff for assistance.

#### AVENUE SIGNS LTD 216-222 Luton Road, Chatham, Kent ME4 5BS

Tel: 01634 841300 info@avenuesigns.co.uk www.avenuesigns.co.uk Specialists in stainless steel lette

Specialists in stainless steel letter fabrication sprayed to your specification. Neon and transformers, etc. also made to suit.

#### CENTRE SIGNS (UK) LTD Alexander House, Iliffe Avenue, Oadby, Leicester LE2 5LH

Tel: 0116 271 4247 graphics@centresigns.co.uk www.centresigns.co.uk Specialist metal fabricators to the sign

Specialist metal fabricators to the sign trade only. Built up letters in Stainless Steel, Aluminium, Gold Titanium Stainless, Brass and Copper. LED illumination for all builtup letters available. "LUMA" lettering is our speciality. Fabricated Aluminium and Stainless boxes to any shape also the option of LEDS available. Powdercoating and Wet spraying is another option for all our lettering.

#### **FABRICUT**

### Unit 2 Browells Lane, Feltham, Middlesex, TW13 7EQ

Tel: 020 8751 7250 mailus@fabricut.co.uk www.fabricut.co.uk

Trade suppliers of 3D built up letters and logos. Full LED service available for Halo or Face illumination. Stove enameling available from BS, RAL and Pantone colours. Fast turnaround with competitive prices.

#### **FABSIGN**

280a High Street, Berkhamsted, Herts, HP41AH Mob: 07739 364 613 info@fabsign.co.uk www.fabsign.co.uk

Fabsign are a company who specialise in built up letters and logos and metal fabrications. We are experts in this field so we can offer our customers a non compromising service to manufacture to their requirements and expectations at the lowest prices available. We also supply flat cut letters and logos in any material. So give us a call and let us see what we can do for you.

#### I.C.E

#### 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 Leters 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

#### Unit 6, Atley Business Pk, North Nelson Ind Est, Cramlington, Newcastle Upon Tyne NE23 1WP

Tel: 01670 737 225 sales@logotech-ltd.co.uk www.logo-tech.co.uk

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.

#### SIGN HERE

### 179 Fosse Road North, Leicester, LE3 5EZ

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

Trade service for flat cut lettering & logos in Acrylic Foamex, Dibond, Aluminum, Stainless steel & MDF. 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.

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com www.sygnetsigns.com

Since 1974, Sygnet Signs has built-up a reputation for being the best in the business. A trade supplier of 3D Built-Up letters with a brushed, satin, mill or chemically-coloured finish, our aluminium is 1050 grade and we use 304 and 316 stainless steel. We also offer a wide variety of back trays and are LED illumination specialists. All work is undertaken in-house at our headquarters in Leicester.

#### **WATERJET SIGNS LTD**

#### Continental Approach, Westwood Industrial Estate, Ramsgate Road, Margate, Kent CT9 4JG

Tel: 01843 225666

www.waterjetsigns.co.uk

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.

#### **CABLE DISPLAY SYSTEMS**

#### E-SIGNFITTINGS HOBDAY LTD 57 Aston Brook Street East, Aston, Birmingham, B6 4RR

Tel: 0121 608 4431 sales@e-signfittings.co.uk www.e-signfittings.co.uk

E-Signfittings are one of the largest suppliers of Cable & Rod Display Systems in the UK. We have large stocks available on next day delivery for orders received before 3pm. Other products in our range include Standoffs, Screw Head Covers, Poster Hanging Systems, Sign Hanging Systems, Leaflet Holders and Poster Displays. Visit our web site to check our current stock levels and fantastic prices.

#### I-SPI LTD

### 47 Mansionhouse Road, Mount Vernon, Glasgow G32 0RP

Tel: 0141 764 1600 sales@ispitrade.com www.ispitrade.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.

#### SHOPKIT GROUP LTD Unit B, 100 Cecil Street, Watford, Hertfordshire WD24 5AD

Tel: 01923 818282 sales@shopkit.com

WWW.shopkit.com/brochures/
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.

#### **CAST SIGNS**

#### SIGNS OF THE TIMES LTD Wingfield Road Tebworth, Beds, LU7 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.

#### **WARD SIGNS**

### Maze House, Maze Street, Barton Hill, Bristol BS5 9TE

Tel: 0117 955 3385 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.

#### CHEMICAL ETCHING

#### AES SIGNS LTD (EST. 1972) The Old Laundry, 15 Barratt Street, Easton, Bristol BS5 6DE

Tel: 0117 951 0234 sales@aesigns.co.uk

www.aessigns.co.uk
The complete sign service. Engraved/etched screen printed, signs, nameplates, etc in all materials. Very competitive prices, excellent delivery, highest quality. Full design service. Prompt response to all enquiries.

### COUNTY ENGRAVERS & SIGNS

#### Unit 5, Trent View Court, Moreland Street, Nottingham NG2 3FX

Tel: 0115 985 1171

sales@countyengravers-signs.co.uk
www.countyengravers-signs.co.uk
Fine detail etching of brass and stainless
steel. Engraving of all types of plaques,
plates, labels and control panels in a wide
range of materials. Laser Engraving and
Component Marking. Full colour printing from
labels to wide format.

### DARTFORD ENGRAVING & SCREENPRINTING LTD

#### Unit 4 Power Works Industrial Estate, Slade green Road, Erith, Kent DA8 2HY

Tel: 01322 340 194 mail@desp.co.uk www.desp.co.uk

DESP has been trading for over 55 years. Chemical Etching, Screen Printing, CNC engraving, Laser Engraving, Heavy Duty Machine engraving (ALL CARRIED OUT INHOUSE), including artwork. So whether its a 1 off or 1,000s off, we can offer a quick competitive turnound.

#### HALLMARK ENGRAVING ETCHING & SIGNS LTD (EST. 1899) Unit 2, Ashgrove Farm, Piltdown, Uckfield, East Sussex TN22 3XN

Tel: 020 8686 6649 sales@hallmarksigns.co.uk www.hallmarksigns.co.uk Www.hallmarksigns.co.uk SUPERFAST and efficient trade service for ALL commercial and industrial etching, using the latest technology and computerised equipment. One-off urgent specials or long runs no problem. Full graphics and artwork service for logos, crests and designs. Specialists for commemorative plaques, company name plates and awards in all metals and plastics. Professionally designed-drawings supplied free.

#### IMPACT ENGRAVING 23-23 Rabans Close, Aylesbury, Bucks, HP19 8RS

Tel: 01296 488902 Mob: 07957 870 756 andy@impactengraving.co.uk www.impactengraving.co.uk REAL Trade prices for chemical etching, brass and stainless steel a speciality. ULTRA FAST DELIVERY

#### MERCURY & PHILLIPS SIGNS 51/59 Waterworks Road, Norwich NR2 4DA

Tel: 01603 66 66 99

www.mercuryphillipssigns.co.uk
Manufacturers of all types of plates or
plaques, chemically etched (large format) or
machine engraved using a variety of
materials, brass, stainless steel, aluminium,
copper and bronze. For high quality and
intricate detail with colour infills to your
choice.

#### **MOCKRIDGE LABELS &** NAMEPLATES LTD

Cavendish Street, Ashton-under-Lyne, Lancs OL6 7QL

Tel: 0161 308 2331 sales@mockridge.com www.mockridge.com

Specialists in chemically etched nameplates. Brass, Stainless Steel and Anodised Aluminium. Any size up to 2400 x 1200mm (8ft x 4ft). One-offs up to 5000+. trade work is totally confidential

#### MULTITECHNIC LTD (EST. 1972) Coopies Lane, Morpeth, Northumberland NE61 6JQ

Tel: 01670 512090 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, DD8 3DG

Tel: 01307 463997 info@signindustries.com www.signindustries.com SIGN INDUSTRIES are specialist TRADE MANUFACTURERS of etched Stainless Steel, Brass, and Bronze, We also Laser Engrave Plastics and Wood as stand alone products as well as moulds for castings.
SIGN INDUSTRIES normally work with 3 mm thick material, and can etch bend and weld Stainless Steel up to 3 metres x 1.5 metres. and down to small sequential tags for wiring

#### TRADE ETCHING DIRECT LTD 10 Pywell Court, Pywell Road, Corby, Northants, NN17 5WA

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% guaranteed. Our etching machines are specially designed for deep etching. We can offer gradient fills, a range of patina finishes and hand filled complex multi colours, on a wide range of metals. We can produce etched signs up to 4m x 2m in size.

#### **CHROME PLATED LETTERS**

#### SIGNTRADE LETTERS LTD 225 Long Lane, London N3 2RL

Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk ChromaForm; the NEW generation of Chrome effect letters. We now offer a complete range of ChromaForm Letters for a 7 day turnaround not available anywhere We can also supply and fit LED lights to the ChromaForm range of letters for an even

and samples

better effect. Ring Susan or Lesley for details

#### **CNC ROUTING & ENGRAVING MACHINES**

#### ATA ENGINEERING **PROCESSES**

ATA House, Unit B, Boundry Way, Hemel Hempstead, Herts HP2 7SS

Tel: 01442 264411 sales@ataeng.com

www.ataeng.com

The Atacama range of CNC routers and Lasers offers a wide variety of options from 3 axis machines and 4 axis Routers and Metal and Non Metal Cutting CNC Lasers

#### **COAT OF ARMS**

#### **BRYAN RAWLINGS DESIGN** 45 Nunney Close, Keynsham, **Bristol BS31 1XG**

Tel: 0117 986 7894 / 7291 bryan@bryanrawlings.com www.bryanrawlings.com Designers and makers of coats of arms, emblems and all types of sculptural and decorative signage. GRP, cast resins, metals, detailed hand painting and much more. Large range of royal coats of arms available. Specialist suppliers to the sign trade.

#### SIGNS OF THE TIMES LTD Wingfield Road Tebworth, Beds, **LU7 9QG**

Tel: 01525 874 185 enquiries@sott.co.uk www.sott.co.uk

Cast in polyurethane with detail in relief and hand painted full colours. May be cast on their own or as part of an entrance sign, blue plaque or street sign etc. We also cast coats of arms in aluminium, grp or bronze. Please send details for a quotation

#### **WARD SIGNS**

#### Maze House, Maze Street, Barton Hill, Bristol BS5 9TE

Tel: 0117 955 3385 info@ward-signs.co.uk

www.ward-signs.co.uk

Wards of Bristol Specialise in manufacture, restoration and accurate reproduction of historic and modern coats of arms. We are able to produce from originals, information from heraldic associations, or even from a photograph. Check our website for recent projects

#### **COMMEMORATIVE PLAQUES**

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

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk Manufacturers of plaques in stainless steel, brass and aluminium, chemically or machine engraved, colour filled to your choice. Logos and text from artwork supplied.

#### SIGN INDUSTRIES Unit 3, Roberts Street, Forfar, Angus, DD8 3DG

Tel: 01307 463997 info@signindustries.com www.signindustries.com

Sign Industries is one of the UK's leading sign making manufacturers, offering a broad range of memorial and commemorative plaques in many varying styles using the finest materials such as bronze, brass, stainless steel and wood. You can now create your own custom plaques and nameplates and order them directly from our website.

#### SIGNS OF THE TIMES LTD Wingfield Road Tebworth, Beds, I U7 9QG

Tel: 01525 874 185 enquiries@sott.co.uk www.sott.co.uk

Cast blue plaques with detail in relief. Usually cast in solid rigid polyurethane and painted blue background with white, silver or gold letters. Send us artwork or copy of the text for a quote.

#### WARD SIGNS

#### Maze House, Maze Street, Barton Hill, Bristol BS5 9TE

Tel: 0117 955 3385 info@ward-signs.co.uk www.ward-signs.co.uk

Wards of Bristol have produced countless cast metal commemorative blue plaques, but also specialise in traditional bronze plaques and custom 3D hand crafted plaques, which are hand painted to depict scenes of historical events, places and figures.

#### **CUT-OUT LETTERS**

#### **APPLELEC**

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

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

Trade suppliers of flat cut out letters, logos and intricate laser work. Lettering in a variety of materials such as acrylic, foamex, dibond, stainless steel, aluminium and MDF is available in different finishes and supplied with or without fixings. Please ask for an information pack or contact one of our friendly and experienced sales staff for assistance (3D built up lettering is also available).

#### I.C.E.

#### Tannery Works, 12 Whingate, Leeds LS12 3BL

Tel: 0113 224 2124 sales@icesigns.co.uk www.icesigns.co.uk

Manufacturers of flat cut letters in ALL materials. Incl. Acrylic, Foamex, MDF, Stainless Steel, Brass, Copper, Corian. Many finishes available- Gilding, painting, powdercoating, lacquering. A special service at a competitive price.

#### **MERCURY & PHILLIPS SIGNS** 51-59 Waterworks Road, Norwich NR2 4DA.

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk A fully comprehensive service to the trade in acrylic, foam PVC, MDF, brass and aluminium. Contact us for price list or quotation.

#### SIGN HERE 179 Fosse Road North, Leicester, LE3 5EZ

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

Trade service for flat cut lettering & logos in Acrylic Foamex, Dibond, Aluminum, Stainless steel & MDF. 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

#### SIGNTRADE LETTERS LTD 225 Long Lane, London N3 2RL

Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk

Plastic is our speciality including Flat Cut lettering in Perspex, foam pvc and aluminium composite. All supplied with locators and template as standard. We also offer a complete range of Moulded letters in Perspex and ChromaForm, offering over 60 years

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com

www.sygnetsigns.com

Sygnet Signs is the sign-maker's sign-maker, having serviced the UK sign trade since 1974. We'll manufacture any type of sign and have a range of over 5000 styles to choose from.
We'll also work closely with you if you'd like to supply your own plans or artwork. At our Leicester HQ, we manufacture router or lasercut signs from acrylic, mdf. foamex, polycarb, dibond, aluminium or stainless steel

#### WATERJET SIGNS LTD

#### Continental Approach, Westwood Industrial Estate, Ramsgate Road, Margate, Kent CT9 4JG

Tel: 01843 225666

www.waterjetsigns.co.uk

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.

#### **CUTTING MATS**

#### **CUTTINGMATS XXL**

Tel: 020 3936 1106 info@cuttingmatsxxl.co.uk www.cuttingmatsxxl.co.uk CuttingmatsXXL specialises in transparent and flexible cutting mats to protect your work table. Nr1 table protection for all signage companies. Your blade will cut smoothly through your foil and with the 'self-healing' characteristic the surface will stay smooth Our mats are also widely used on top of all brands of flatbed applicators like RollsRoller, Roll-X, Lamidesk, CWT and Rollover.

#### **DIGITAL PRINT**

### MOCKRIDGE LABELS & NAMEPLATES LTD

Cavendish Street, Ashton-under-Lyne, Lancs OL6 7QL

Tel: 0161 308 2331 sales@mockridge.com www.mockridge.com Full Colour Digitally printed self adhesive labels, full colour sub-surface printed overlays, full colour nameplates, including plaques and signs. Low Cost. Quick

#### SIGNATURE SIGNS LTD 5a Kingsway Park, Whittle Place, Dundee. DD2 4US

Tel: 01382 610 016 info@signaturesigns.net www.signaturesigns.net Full colour digital printed graphics: monomeric, polymeric, cast or vehicle wrap vinyls. Full colour canvases, banners, roller banners, pop-up frames. Full colour signs, name-plates. All of these at very competitive prices and quick turnaround times.

#### **SIGNWAVES**

turnaround.

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

Signwaves is a UK manufacturer of sign and display products for internal and external use. The range includes pavement signs and aboards (including Swinger and Ecoflex signage), snapframes, poster mounting and exhibition displays. Signwaves also offer trade exclusive Stand-Off Sign Fixings and Premier A-Board Frames with low prices guaranteed.

#### **DIGITAL PRINTED SIGNS**

#### AVENUE SIGNS LTD 216-222 Luton Road, Chatham, Kent ME4 5BS

Tel: 01634 841300 info@avenuesigns.co.uk www.avenuesigns.co.uk Trade service for digital printing and laminating up to 1600mm wide. Printing onto vinyl, banner, canvas, paper, etc.

#### **DIGITAL PRINTER SUPPLIES**

#### **ARTSYSTEMS**

Units 10 – 12 Glaisdale Point ,Glaisdale Parkway, Nottingham NG8 4GP

Tel: 0115 9380 380 marketing@artsytems.co.uk www.artsystems.co.uk UK Trade Distributor for HP Designjet, HP Latex, HP UV printers, Colortrac scanners, Summa Cutters, and Onyx RIPs. ISO 9001, ISO14001 Certified HP and Canon consumables, Neschen media and our own large format media range called Xativa.

#### 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 materials for wide-format digital printing (solvent, ecc-solvent, latex & UV), with ICC profiles for the highest printed quality. Our innovative products help you to express your talents, across applications that include interior decoration, commercial architecture and visual communications – on buildings, windows, points of sale, vehicles & boats.

#### **DMX LED SYSTEMS**

### MEGALED LTD

236-242 Alma Road, Enfield EN3 7BB

Tel: +44 (0)208 432 0995 led@megaled.com

www.megaled.com

Specialist led lighting; lights, multi-channel DMX LED light controllers, system design and custom light programming is the norm at MegaLED! We offer a complete service and full range of custom DMX led driver cards, DMX splitters, DMX mains relays, led dimmers and more. If you have any led lighting projects requiring light control or dimming, please call: 0208 432 0995 for a brilliant solution.

#### **DOMES & DISHES**

### PROJECT PLASTICS LTD Unit 7 Grange Way Business Park,

Whitehill Industrial Estate, Colchester, Essex CO2 8HF

Tel: 01206 868 696 project.plastics@btinternet.com

www.projectplastics.co.uk

Manufacturing and stocking clear acrylic
domes and dishes in over 25 sizes and all
produced on site at our factory in Colchester.
We also stock over 170 different size blowing
rings for other shapes and weird and
wonderful diameters. Pans,
dishes,squares,oblong and ovals are our
speciality.

#### TALBOT DESIGNS LTD 225 Long Lane, Finchley London

225 Long Lane, Finchley London N3 2RL Tel: 020 8346 8515

sales@talbotdesigns.co.uk
www.talbotdesigns.co.uk
With 70 years of making Domes & Dishes,
our Teedy Domes have set the standard. With
our vast range of tooling we can make almost
any size – so just ask. We are now the first to
offer unbreakable Polycarbonate Domes.

### DOUBLE SIDED TAPES & ADHESIVES

#### SIGN TRADE SUPPLIES LTD Britannia House, Granville Road, Maidstone, Kent ME14 2BJ

Tel: 01622 689 410 orders@signtradesupplies.co.uk www.signtradesupplies.co.uk 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

#### **EDGELIT SIGNS**

#### **APPLELEC**

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

Tel: 01274 774477 sales@applelec.co.uk

www.applelec.co.uk

Manufacturers of edge lit signs incorporating a variety of extruded profile options along with bespoke engraved acrylic panels. With award winning and cost effective LED modules and a choice of mounting or hanging shop fitting kits, Applelec supplies an unrivalled range of edge lit trade components. Please ask for an information pack or contact our friendly and experienced sales staff for assistance.

#### KINGS PLASTICS LTD

#### The Signbuild Centre, Kelso House, Waterloo Street, St Philips, Bristol, BS2 0PH

Tel: 0117 9411 411 enquiry@kingsplastics.co.uk www.kingsplastics.co.uk

Edgelits are our speciality, we supply our tracks with integral or separate power supplies. Single colour or fully programmable RGB colour changing all up to 3mtrs long. Panels cnc engraved and lasered engraved. We supply three tracks the Reflex, Miniflex & Duafflex. For images and prices please visit our online shop or contact our experienced sales team.

#### MEGALED LTD 236-242 Alma Road, Enfield EN3 7BB

Tel: +44 (0)208 432 0995 led@megaled.com www.megaled.com

MegaLED are pioneers in edge lighting. Providing a professional LED illumination service and the most impressive range of designer'edge lit signs available anywhere. Specialist led lighting and display designs. Manufacturers of quality contemporary edge lit signs in both glass and acrylic. For awardwinning led lighting, wayfinding, retail and architectural projects, call us on: 0208 432 0995

#### **ENGRAVING**

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

The complete sign service Engraved / Etched & Screen Printed signs Nameplates etc. in all materials. Very competitive prices, excellent delivery, highest quality, full design service, prompt response to all enquires

#### ALAN ROBERTS ENGRAVERS 27 Thingwall Drive, Irby Village, Wirral, CH61 3XN

Tel: 07739 800 501 mail@alanrobertsengravers.co.uk www.alanrobertsengravers.co.uk Fast Confidential Engraving Service to the trade. We can provide plaques, nameplates, control panels, safety signs, switch plates, commemorative plaques with unveiling unit (on hire basis), bespoke signs and labels etc.

### COUNTY ENGRAVERS & SIGNS

Unit 5, Trent View Court, Moreland Street, Nottingham NG2 3FX

Tel: 0115 985 1171

sales@countyengravers-signs.co.uk
www.countyengravers-signs.co.uk
Engravers of all types of plaques, plates,
labels and control panels in a wide range of
materials. Fine detail etching in brass and
stainless steel. Industrial and Laser
Engraving and Component Marking. Full
colour printing from labels to wide format.

### DARTFORD ENGRAVING & SCREENPRINTING LTD

Unit 4 Power Works Industrial Estate, Slade green Road, Erith, Kent DA8 2HY

Tel: 01322 340 194 mail@desp.co.uk www.desp.co.uk

DESP has been trading for over 55 years. CNC engraving, Laser engraving, Heavy Duty machine engraving, Chemical etching, Screen Printing, (ALL CARRIED OUT INHOUSE), including artwork. So whether its a 1 off or 1,000 off, we can offer a quick competitive turnround.

#### **FIRST SIGNS & LABELS LTD**

Unit 1, Raynham Close, Raynham Rd Ind Estate, Raynham Road, Bishops Stortford, Herts, CM23 5JP

Tel: 01279 467999

sales@firstsignsandlabels.co.uk www.firstsignsandlabels.co.uk We manufacture and engrave nameplates, Labels, Tags, Switchplates, Mimics, Brass Plates, Components, Warning labels, Plaques, Logo's and Signs. We also produce printed fire & Safety Signs & Vinyl Graphics.

#### HALLMARK ENGRAVING ETCHING & SIGNS LTD (EST. 1899) Unit 2, Ashgrove Farm, Piltdown, Uckfield, East Sussex TN22 3XN

Tel: 020 8686 6649 sales@hallmarksigns.co.uk www.hallmarksigns.co.uk

Superfast and reliable trade service with 100 years experience for all etching, routing and profiling. Specialists for nameplate and commemorative plaques in bronze, brass, aluminium, stainless and plastics. Logos and crests. High quality graphics - drawings free of charge. Precision industrial engravers of panels, labels and moulds. Keytop specialist. Presentation silverware and glass engraving experts.

#### IMPACT ENGRAVING 22-23 Rabans Close, Aylesbury, Bucks, HP19 8RS

Tel: 01296 488902 Mob: 07957 870 756

andy@impactengraving.co.uk
www.impactengraving.co.uk
REAL Trade prices for Engraving and
chemical etching, rotary, diamond, laser and
acid. Control panels, data plates etc.
Stainless steel, Traffolyte, special laminates,
brass, aluminium etc. ULTRA FAST
DELIVERY!

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

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk Manufacturers of all types of plates or plaques, machine engraved or chemically etched using a variety of materials, brass, stainless steel, aluminium, plastics and wood. For high quality and intricate detail with colour infills to your choice.

#### **ESTIMATING SOFTWARE**

#### GOFASO SOFTWARE 129 Devizes Road, Hilperton, Trowbridge, Wiltshire, BA14 7SZ info@gofaso.com www.gofaso.com

Gofaso Software makes quoting fast and easy! Gofaso has been specialised for Sign companies, providing user-friendly calculation templates, workshop management, invoicing and customer relations upkeep. With module E-CRM you can make use of QR-codes on worksheets. Gofaso includes startling new tips and innovative techniques giving your company the strongest advantage.

#### **FINGERPOST SIGNS**

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852 888 sales@signscape.co.uk

www.signscape.co.uk
Serving the Sign Trade for over 40 years, we are a leading manufacturer of Fingerpost sign systems. Our high quality Fingerpost systems combines aluminium or steel posts, with double skin finger-arms, making it highly durable, and ideal for public locations. We have two systems available; Our Traditional fingerpost system and our "New" Waypoint fingerpost system.

#### FLAT CUT LETTERS

#### ACCENT SIGNS LTD Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT

Tel: 0121 561 4600 accsign1@aol.com

www.accentsignsltd.co.uk

Accent Signs have been supplying the sign trade with quality flat cut letters in Acrylic, ACM, Foam PVC, MDF and other substrates for over 30 years. Our letters are supplied with Plastic Locators, Brass Locators or VHB tape, complete with fixing templates or fixing stencils if required. Fast turnaround and confidentiality assured.

#### APPLELEC

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

Tel: +44 (0)1274 774477 sales@applelec

www.applelec.co.uk

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 and supplied with or without fixings. Please ask for an information pack or contact one of our friendly and experienced sales staff for assistance. (3D built up lettering is also available).

#### CENTRE SIGNS (UK) LTD Alexander House, Lliffe Avenue, Oadby, Leicester LE2 5LH

Tel: 0116 271 4247 graphics@centresigns.co.uk www.centresigns.co.uk

Trade only supplier for all Flat cut lettering and Logo's. Available in Stainless steel, Aluminium, Alupanel, Dibond, Perspex, Foamex, Polycarbonate, Brass and all composite materials. Laser cutting and Router cutting services as standard. Painted finished are always available. We can supply with or without fixings and always with marked fitting templates. We also supply Builtup Metal lettering.

#### **FABRICUT**

### Unit 2 Browells Lane, Feltham, Middlesex, TW13 7EQ

Tel: 020 8751 7250 mailus@fabricut.co.uk www.fabricut.co.uk

Trade suppliers of flat cut letters and logos etc with a 24 hr next day service available. Lots of materials to choose from: Foamex, Perspex, Composites, MDF, Ply, Aluminium, Polished/Brushed Stainless. Aluminium Composite trays signs folded, glued ready for you to hang. Plastic, brass & nickel locators, various studs & sleeves, 3M VHB tape, drilling templates also available.

#### SIGN HERE 179 Fosse Road North, Leicester, I F3 5F7

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

Trade service for flat cut lettering & logos in Acrylic Foamex, Dibond, Aluminum, Stainless steel & MDF. 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.

#### SIGNATURE SIGNS LTD 5a Kingsway Park, Whittle Place, Dundee. DD2 4US

Tel: 01382 610 016 info@signaturesigns.net www.signaturesigns.net

Trade suppliers of flat cut letters and logos. We offer lettering in a variety of materials such as acrylic, foamex, dibond, stainless steel and aluminium which are supplied with or without fixings and templates. We also supply 3D built up lettering in stainless steel or acrylic.

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com www.sygnetsigns.com

Supplier to the trade since 1974, Sygnet Signs has a huge selection of over 5000 styles to choose from. You're very welcome to supply your own artwork, and we'll be happy to work with you to create the perfect Flat-Cut Lettered sign. Whether it's acrylic, foamex, mdf, polycarb, dibond, stainless steel or aluminium signage you require, we'll do you proud at our factory in city-centre Leicester!

#### WATERJET SIGNS LTD

#### Continental Approach, Westwood Industrial Estate, Ramsgate Road, Margate, Kent CT9 4JG

Tel: 01843 225666

www.waterjetsigns.co.uk

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.

#### FLEXIBLE FACE SIGNAGE

#### **BROWNINGS LTD**

157 English Street, Hull, HU3 2BT

Tel: 01482 380900

sales@browningsltd.co.uk www.browningsltd.co.uk

Brownings is one of the largest, TRADE ONLY suppliers of signage products in the UK. The Company manufacture everything from poster frames to flexface signs. We can supply you lengths of extrusions, signs in kit form or make the whole sign for you. We utilise the Signcomp suite including Econoflex, Retroframe and Fascia Frame. All signs are to your individual, specific requirements.

#### MIDA SIGN SERVICES UK LTD Welbeck Street South, Ashton-Under-Lyne OL6 7QZ

Tel: 0161 8 300 600 info@midasignservices.co.uk www.midasignservices.co.uk Specialised installers of all flexible faced systems. Nationwide service. Illuminated or non-illuminated. We can supply and install. Call for details.

#### **GENERAL SIGN SUPPLIERS**

#### **BROWNINGS LTD**

157 English Street, Hull, HU3 2BT

Tel: 01482 380900

sales@browningsltd.co.uk www.browningsltd.co.uk

Brownings is one of the largest, TRADE ONLY suppliers of signage products in the UK. We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. We supply in any size or quantity, from 1 offs to multiple rollouts either as lengths of extrusion, in kit form or as made-up signs.

#### KINGS PLASTICS LTD

The Signbuild Centre, Kelso House, Waterloo Street, St Philips, Bristol, BS2 0PH

Tel: 0117 9411 411

enquiry@kingsplastics.co.uk www.kingsplastics.co.uk

For all types of sign. Individual flatcut & built up lettering, illuminated with LED's. Edgelit signs, Illuminated signs, Tray signs, Modular sign systems, Frames & panels, acrylic fabrication. LED's, LED Flexi neon & convertors etc. Also material supplies cut to size & laser cutting. A complete service to the trade. For further information, check out our website & online shop.

#### **GOLD LEAF SUPPLIERS**

### GOLD LEAF SUPPLIES

Unit C, Ogmore Court, Abergarw Ind. Est. Brynmenyn, CF32 9LW

Tel: 01656 720 566

info@goldleafsupplies.co.uk www.goldleafsupplies.co.uk

Highest quality products and a prompt reliable service. For all your Gold leaf, Gilding and Traditional Signwriting materials. All qualities of Gold leaf from 6ct to 24ct. Extensive range of products and full product support.

#### INSTALLATION CONTRACTORS

ANDY MAC SIGN SERVICES (EST.

1992)

4 Central Close, Hadleigh, Essex SS7 2NU

Mob: 07850 060 840 mac7165@tiscali.co.uk

Our highly experienced sign installation crews based in Essex offer you the quality of service you deserve. All aspects of signage covered across the U.K. including neon, flex face and vinyl. CSCS, IPAF, PASMA certificated

#### **BIRCH SIGN SERVICES**

Unit 3, Wickham Business Park, Honywood Road, Basildon, Essex, SS14 3EQ

Tel: 01268 284 400 Mob: 07967 190089 lou@birchsigns.com www.birchsigns.com

"The largest independent sign installation and maintenance company in the UK." Specialists in all sign work, large or small, neon, LED, all Flexface systems, illuminated, non illuminated and vinyl. Corporate change over specialists.

# CHANNEL ISLANDS BluePrint Signs & Garments, 20 Apsley Road, St Helier, Jersey, Channel Islands, JE2 4LR

Tel: 01534 857633
Mob: 07700 800 999
paul@blueprintsigns.co.uk
www.blueprintsigns.co.uk
Blueprint Signs & Garments offers a
professional signage production and
installation service throughout the Channel
Islands, fully qualified crews based in Jersey
completely cover all of the Channel Islands
inclusive of Guernsey, Sark, Herm and
Alderney.

#### GLOBAL ERECTING SIGN SERVICES LTD (EST. 1996) Ascension House, Phoenix

Ascension House, Phoenix Business Park, St Neots, Cambridgeshire, PE19 8EP

Tel: 01480 211948 info@gessltd.co.uk www.gess.uk.com

The complete package. We offer an exemplary installation service for all types of signage, from street level to extreme high level, specialising in abseiling. We have full Public and Company Liability Insurance. For each installation we provide a full project management service, from site survey to sign off and provide a full Risk and Method Statement prior to any works being undertaken.

### JPH SIGN INSTALLATION LTD Tamworth, Staffs B77 5BX

Mob: 07482 720335 info@jphsignfitter.co.uk www.jphsignfitter.co.uk

JPH Signs are an up and coming UK Sign & Vinyl Company. From Shopfronts to Flex faces, From Window Manifestation to Digital Wall Prints, we handle it all and our Portfolio can be seen via our website. Midlands Based UK Coverage. Continuously over the past 18months to work with some of the UK's biggest sign companies.

#### MEDIA ABSEILING 69 Soulbury Road, Leighton Buzzard, Beds, LU7 2RW

Tel: 0845 345 7712 Mob: 07702 950 218 info@mediaabseiling.com www.mediaabseiling.com

Rope access company specialising in the installation and maintenance of all types of signage, banners and lighting. We operate nationwide and throughout Europe and provide advice, site visits, fast turnaround and most importantly award-winning results.

#### MIDA SIGN SERVICES UK LTD Welbeck Street South, Ashton-Under-Lyne OL6 7QZ

Tel: 0161 8 300 600 info@midasignservices.co.uk www.midasignservices.co.uk Professional installation and maintenance of all types of signage, graphics and banners. Including, Site surveys, Illuminated signs, Flexface signage, LED etc. Nationwide service. Established 1984.

### PERFECTIONIST PROJECTS

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

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

#### SIGN INSTALLATIONS (EST. 1995) 2-4 Foredown Drive, Portslade, East Sussex BN41 2BB

Tel: 01273 424900 sales@sussexsigns.com www.sign-installations.co.uk

Let us be your professional sign installation team, in London, Sussex, Hampshire, Surrey and Kent. With 25 years of sign installation experience, our neatly presented fitting crews will work for you to increase your profits. Customer service and client confidentiality are paramount, so you can be sure your hard earned reputation is in safe hands.

### SIGNS & GRAPHICS INSTALLATIONS

40 Sherwell Valley Road, Torquay, Devon TQ2 6EY

Tel: 01803 701 887

steve@signsandgraphicsinstallations.co.uk

www.signsandgraphicsinstallations.co.uk

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

#### LAMINATING/ENCAPSULATING

### VIVID LAMINATING TECHNOLOGIES

Matrix House, Norman Court, Ivanhoe Business Park, Ashby de Ia Zouch, Leicestershire, LE65 2UZ

Tel: 0345 1 30 40 50 sales@vivid-online.com www.vivid-online.com

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

#### LASER CUTTING/ENGRAVING

#### SIGN HERE 179 Fosse Road North, Leicester, LE3 5EZ

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

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

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com www.sygnetsigns.com

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

#### THINK LASER LTD

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

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

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

### LASER CUTTING/ENGRAVING MACHINES

#### **BOXFORD**

Dewsbury Road, Elland, West Yorkshire, HX5 9BG

Tel: 01422 324 810 info@boxford.co.uk www.boxford.co.uk

Our range of cost effect Laser Co2 Cutters and Engravers have bed sizes from 500 x 300mm to 1300 x 900mm and feature integrated chiller cooling systems, auto focus system, air assist c/w integrated compressor, red dot pointers and honeycomb cutting tables. Metal Cutting and Marking Lasers also available including fibre based systems. Supplying lasers since 2003, we have a wealth of expertise.

#### HPC LASER LTD

Castle Mills, Saddleworth Road, Elland, West Yorkshire, HX5 0RY

Tel: 01422 310 800 sales@hpclaser.co.uk www.hpclaser.co.uk

Specialist suppliers of LASERSCRIPT CO2 laser engravers and cutters. Our lasers are capable of cutting, engraving and marking a wide range of materials including laminate, metal, glass, acrylic, textiles, wood, paper, card and leather. Optional 1 to 3 year ONSITE warranty available and unlimited technical support. Established in 2006, over 4500 machines supplied!

#### THINK LASER LTD

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

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

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

#### TROTEC LASER

#### Unit 3 Faraday Close, Washington, Tyne & Wear NE38 8QJ

Tel: 0191 580 1184

www.troteclaser.co.uk

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

#### LED ILLUMINATED LETTERS

### ACCENT SIGNS LTD Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT

accsign1@aol.com
www.accentsignsItd.co.uk
Accent signs "SLIMLITE" flat cut letters &
logos made from 6mm opal acrylic with
imbedded super bright white Led's to create a
unique edge and halo illumination. Available
with ACM, Acrylic or vinyl faces. Suitable for
internal & external use. Supplied with
standard locator fixings for ease of fitting.

#### LED ILLUMINATION

Tel: 0121 561 4600

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

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

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

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

#### APPLELEC

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

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

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

### **ARTILLUS - WAYS 2 DISPLAY**

#### Britannia House, 29 Station Road, Kettering, Northants NN15 7HJ

Tel: 0333 123 0345 sales@ways2display.com www.artillus.com

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

#### FOCUS LED UK LTD.

#### Unit 38 Cariocca Business Park, 2 Hellidon Close, Arkwick, Manchester, M12 4AH

Tel: 0161 27 27 778 sales@focusledltd.co.uk www.focusledltd.co.uk

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

#### KINGS PLASTICS LTD

#### The Signbuild Centre, Kelso House, St Philips, Bristol, BS2 0PH

Tel: 0117 9411 411

enquiry@kingsplastics.co.uk www.kingsplastics.co.uk

White, warm white & coloured LED modules in 4 sizes and LED ribbon - Flexi ribbon & RGB ribbon. New to 2018 LED Flexi Neon & LED Cabochon bulbs. 12v power convertors, RGB controllers, together with a range of connectors. LEDS ideal for lettering & lightboxes. For full details on our range, prices and for images, check out our website & online shop. Competitive prices quaranteed!

#### **LED SOLUTIONS** 129 Humberstone Road, Leicester LE5 3AP

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

#### **OSHINO LED LIGHTING** 1 Churchfield Court, Robey Close, Linby, Nottingham NG15 8AA

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

#### SIGNTRADE LETTERS LTD 225 Long Lane, London N3 2RL

Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk

Chromasign launched at Sign UK. We offer a complete range of ChromaForm Letters with Halo Lighting not available anywhere else. Ring Susan or Lesley for details and samples.

#### **LIGHT BOXES & LIGHTING**

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

### **ARTILLUS - WAYS 2 DISPLAY**

#### Britannia House, 29 Station Road, Kettering, Northants NN15 7HJ

Tel: 0333 123 0345

www.artillus.com

DIAMOND 24V LED light boxes and GARNET light panels can be produced in any size up to 2500 x 1500mm. Diamond light boxes have a 20mm deep frame and 25mm snap frame front. Standard sizes in A4 up to A0 for next day delivery. Custom boxes & GARNET 8mm deep light panels can be made in single colour LED or RGB with controllers, can be dimmable or have built-in phasing. No minimum order quantity.

#### **BROWNINGS LTD**

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

Tel: 01482 380900 sales@browningsltd.co.uk www.browningsltd.co.uk

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

#### **MAGNETIC MATERIAL**

#### ANCHOR MAGNETS LTD Bankside Works. Darnall Road. Sheffield S9 5AH

Tel: 0114 244 1171

sales@anchormagnets.com

www.anchormagnets.com

UK's largest stockist of magnetic & ferro material including universally printable & wide format digifilm® ferrous media (1600mm) supaferro® ferro sheet (1260mm) & supamag® magnetic sheet (1270mm) with the UK's highest pull force & anti-mark UV coating, in white, plain, self-adhesive & dry-wipe. For graphics, retail POS, signage, holding & hanging products use the UK's leading magnetic innovators.

#### **BISBELL MAGNETIC** PRODUCTS LTD.

#### Hillfield Lane, Stretton, Burton on Trent, Staffs DE13 0BN

Tel: 01283 531000 sales@bisbellmagnets.com www.bisbellmagnets.com

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

#### MAGNETIC SOLUTIONS LTD **Brooklands Business Park, Leigh** Street, Sheffield S9 2PR

Tel: 0114 2422211

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

#### MODULAR PANEL SIGN **SYSTEMS**

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852 888

sales@signscape.co.uk www.signscape.co.uk

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

#### **MOULDED & FABRICATED PLASTICS**

#### **MERCURY & PHILLIPS SIGNS** 51-59 Waterworks Road, Norwich NR2 4DA

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk Suppliers of moulded acrylic pans and logos up to 2800mm x 1500mm and other types of press and vacuum forming in PVC and HIPS. Specialists in fabricated plastics for POS displays with full screen print, graphics and CNC routing capabilities

#### PROJECT PLASTICS LTD

#### 7 Grange Way Business Park, Whitehill Industrial Estate. Colchester CO<sub>2</sub> 8HF

Tel: 01206 868696

project.plastics@btinternet.com www.projectplastics.co.uk

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

#### **MOULDED LETTERS**

#### **ACCENT SIGNS LTD**

#### Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT

Tel: 0121 561 4600 accsign1@aol.com

www.accentsignsltd.co.uk

Largest range of moulded acrylic letters in the UK. Mirror effect moulded letters. LED illumination, logos, panels, complete fascia panels, blow moulding, aluminium, composite trays and more! Samples on request.

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

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

#### SIGNTRADE LETTERS LTD 225 Long Lane, Finchley London

Tel: 08085 456700 sales@signtrade.co.uk www.signtrade.co.uk

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

#### **WARD SIGNS**

#### Maze House, Maze Street, Barton Hill, Bristol BS5 9TE

Tel: 0117 955 3385 info@ward-signs.co.uk

www.ward-signs.co.uk

Having patented the original method of making cast resin letters, Wards of Bristol can manufacture and supply resin lettering to the highest standard. Our stock patterns for resin letters are a cost effective method of achieving the same styles as traditional bronze and aluminium (which we also cast in house) but we can also make custom designed patterns for letters and logos for all vour needs

#### **NAMEPLATES**

#### **MOCKRIDGE LABELS &** NAMEPLATES LTD

Cavendish Street, Ashton-under-Lyne, Lancs OL6 7QL

Tel: 0161 308 2331 sales@mockridge.com www.mockridge.com

Specialists in chemically etched nameplates. Brass, Stainless Steel and Anodised Aluminium. Any size up to 2400 x 1200mm (8ft x 4ft). One-offs up to 5000+. Trade work is totally confidential.

#### **NEON MANUFACTURERS** (TRADE)

#### **A1DESIGNS**

#### 4 Sandy Lane North, Wallington, Surrey SM6 8JX

Tel: 020 8646 9886 enquiry@a1designs.co.uk www.a1designs.co.uk

Neon & Cold Cathode Manufacturers to the Trade. Fast turnaround & Delivery, Quick repair service. Installation, Fault diagnosis, Repairs & Maintenance. Confidential Service. All neon accessories, Transformers, Cable, Tube supports etc.

#### **AVENUE SIGNS LTD** 216-222 Luton Road, Chatham. Kent ME4 5BS

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

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

#### LOGOTECH DISPLAY **SOLUTIONS LTD**

Unit 6, Atley Business Pk, North Nelson Ind Est, Cramlington, **Newcastle Upon Tyne NE23 1WP** 

Tel: 01670 737 225 sales@logotech-ltd.co.uk www.logo-tech.co.uk

Specialists in neon manufacture to the trade, all types of neon work undertaken. Quick repair service. Very competitive prices. Over 25 years experience in the sign trade.

#### **NEON REPLACEMENT LETTERS**

#### **ACCENT SIGNS LTD**

Units 4, Broadcott Ind. Est., Station Rd., Cradley Heath B64 6NT

Tel: 0121 561 4600 accsign1@aol.com

www.accentsignsltd.co.uk Accent Signs "LITEFORM" letters & logos with a moulded half round acrylic profile of only 15mm to look like Neon glass Illuminated with super bright Led's. Available in a wide range of colours. Suitable for internal & external use. Supplied with standard locator fixings for ease of fitting

#### **NOTICE BOARDS -**LOCKABLE/EXTERIOR

#### NOTICE ME

2 Glenister House, Avondale Drive, Hayes, Middx UB3 3PP

Tel: 0208 581 1067

sales@noticeme.org.uk www.noticeme.org.uk

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

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852 888 sales@signscape.co.uk www.signscape.co.uk

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

#### PLASTIC SHEETS

#### **BRETT MARTIN PLASTIC** SHEETS

24 Roughfort Road, Mallusk, Co Antrim BT36 4RB

Tel: 028 9084 9999 semifinished@brettmartin.com www.brettmartin.com

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

#### RIGHTON LTD

#### Righton House, Brookvale Road, Witton, Birmingham B6 7EY

Tel: 0121 356 1141 marketing@righton.co.uk www.righton.co.uk

UK distributor of Polycasa Crylux Cast & Crylon extruded sheet acrylic. Available in a wide range of clear, opals, colours and special finishes. Also stocked: Alucobest aluminium composite sheet, Marlon solid polycarbonate, PET-G, SAN, polystyrene, hygienic cladding, rigid PVC and fixing accessories, sign post systems, aluminium

#### **TELEGAN PRESSED** PRODUCTS LTD.

South Strand, Lawford, Manningtree, Essex CO11 1UP

Tel: 01206 803 580

sales@teleganpressedproducts.com www.teleganpressedproducts.com Leading manufacturer of plate pressed PVC sheet offering equivalents to Darvic, Pacton and Cobex under our trade name TELBEX. We also manufacture VYNALAST™ engraving laminate. A comprehensive range of photoluminescent boards and self adhesive vinvl is available in PSPA class B and Class C

#### POINT OF SALE FITTINGS

#### **SIGNWAVES**

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

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

#### **UK POS**

### Horsfield Way, Bredbury Park Industrial Estate, Stockport SK6

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

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

#### POSTER HOLDERS / CASES

#### **BROWNINGS LTD**

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

Tel: 01482 380900 sales@browningsltd.co.uk www.browningsltd.co.uk

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

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852 888 sales@signscape.co.uk

www.signscape.co.uk Serving the Sign Trade for over 40 years, we are a leading manufacturer of notice boards, modular sign systems & information displays. Our Avenue poster case provides high quality yet affordable, external poster display in a variety of sizes.

#### **SIGNWAVES**

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

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

#### LIK POS

#### Horsfield Way, Bredbury Park Industrial Estate, Stockport SK6

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

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

#### PRINT/POSTER FRAMES

#### **BROWNINGS LTD**

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

Tel: 01482 380900 sales@browningsltd.co.uk www.browningsltd.co.uk

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

#### **SIGNWAVES**

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

Tel: 01493 419300

enquiries@signwaves.co.uk

www.signwaves.co.uk

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

#### **UK POS**

### Horsfield Way, Bredbury Park Industrial Estate, Stockport SK6

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

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

#### PROJECT MANAGEMENT **SERVICES**

### PERFECTIONIST PROJECTS

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

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

#### **PROJECTING SIGNS**

#### **IRON DESIGN**

37A Douglas Rd., Poole, BH12 2AU

Tel: 01202 463573

enquiries@ironsigns.com www.ironsigns.com

Leading trade suppliers of high quality traditional and contemporary projecting signs and brackets, offering a large range of brackets, panels and lights off the shelf, as well as a comprehensive bespoke service. Competitive prices and next day service. Please visit our website or phone for a brochure.

#### **SIGNWAVES**

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

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

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

#### REFLECTIVE VINYL/TAPES

#### ATC LTD

#### Calf Hey South, off Well'ith Lane, Rochdale OL11 2JS

Tel: 01706 633043 sales@apptape.co.uk www.apptape.co.uk

Suppliers of Micro prismatic reflective tapes (3m, Avery, Reflexite) and glass bead reflective vinyl for use on emergency vehicles (police cars & chapter 8 legislation etc) also HGV markings as per EC 104. We stock Conspicuity tape manufactured by Reflexite and Avery which are some of the most reflective materials available on the market. Chapter 8 chevron kits also available

#### **SIGN TRADE SUPPLIES LTD** Britannia House, Granville Road, Maidstone, Kent ME14 2BJ

Tel: 01622 689 410

orders@signtradesupplies.co.uk 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

#### **ROUTER CUTTERS/ PLOTTER BLADES**

#### **ATA ENGINEERING PROCESSES**

ATA House, Unit B, Boundry Way, Hemel Hempstead, Herts HP2 7SS

Tel: 01442 264411 sales@ataeng.com

www.ataeng.com

Extensive range of high quality solid carbide, PCD, carbide tipped and HSS cutters manufactured by ONSRUD CUTTER offer routing solutions for most types of material.

#### **EDWARD MATHIAS & CO** PO BOX 121, Frodsham, Cheshire, **WA6 1AA**

Tel: 01928 739 799 info@edwardmathias.com

www.edwardmathias.com

Specialist manufacturers/suppliers of tungsten carbide plotter blades and router cutters. We don't just sell blades, we are the UK's leading manufacturer. Note - we have no connection with any other company who sell or re-sharpen blades.

#### **SCREEN PRINTING**

#### DARTFORD ENGRAVING & SCREENPRINTING LTD

**Unit 4 Power Works Industrial** Estate, Slade green Road, Erith, Kent DA8 2HY

Tel: 01322 340 194 mail@desp.co.uk www.desp.co.uk

DESP has been trading for over 55 years. Screenprinting, anodic printing, correx boards, stickers, overlays, signs, chemical etching, engraving processes also covered (ALL CARRIED OUT INHOUSE), including artwork. So whether its a 1 off or 1,000s off. we can offer a quick competitive turnround.

#### FIRST SIGNS & LABELS LTD

Unit 1, Raynham Close, Raynham Rd Ind Estate, Raynham Road, Bishops Stortford, Herts, CM23 5JP Tel: 01279 467999

sales@firstsignsandlabels.co.uk www.firstsignsandlabels.co.uk We specialise in high quality screen printing. We are suited to meet print requirements onto

many substrates. We have finishing capabilities with die cutting and CNC routing. We offer a fast and efficient service, should you require 1 off's or larger run's give our team a call.

#### HT SCREEN PRINT

15 Ridge Way, Hillend Industrial Estate, Dalgety Bay, Fife, KY11 9JH

Tel: 01383 824522

info@htscreenprint.co.uk www.htscreenprint.co.uk

Trade screen printing of garments, estate agency boards, pvc, vinyl, acrylics, metals, glass, wood, POS, anything flat. HT Screenprint have been in business for over 20 years, supplying the highest quality screen printing to the trade at very competitive prices. Our experience produces quality auickly!

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

Tel: 01603 666699 sales@mercuryphillips.co.uk www.mercuryphillipssigns.co.uk High quality screen printing to all types of rigid and flexible base materials ie, selfadhesive vinyl, paper, plastic and metal. From single to full colour and small or large runs

#### **SCULPTORS**

#### **BRYAN RAWLINGS DESIGN** 45 Nunney Close, Keynsham, **Bristol BS31 1XG**

Tel: 0117 986 7894 / 7291 brvan@brvanrawlings.com www.bryanrawlings.com Designers and makers of coats of arms emblems and all types of sculptural and decorative signage. GRP, cast resins, metals, detailed hand painting and much more. Large range of royal coats of arms available. Specialist suppliers to the sign trade.

#### SHEET MATERIALS

#### RIGHTON LTD

Righton House, Brookvale Road, Witton, Birmingham B6 7EY

Tel: 0121 356 1141 marketing@righton.co.uk www.righton.co.uk

UK distributor of Polycasa Crylux Cast & Crylon extruded sheet acrylic Available in a wide range of clear, opals, colours and special finishes. Also stocked: Alucobest aluminium composite sheet, Marlon solid polycarbonate, PET-G, SAN, polystyrene, hygienic cladding, rigid PVC and fixing accessories, sign post systems, aluminium sheet and extrusions

#### **TELEGAN PRESSED** PRODUCTS LTD.

South Strand, Lawford, Manningtree, Essex CO11 1UP

Tel: 01206 803580

sales@teleganpressedproducts.com www.teleganpressedproducts.com Leading manufacturer of plate pressed PVC sheet offering equivalents to Darvic, Pacton and Cobex under our trade name TELBEX. We also manufacture VYNALAST™ engraving laminate. A comprehensive range of photoluminescent boards and self adhesive vinyl is available in PSPA class B and Class C

#### VISIONS IN PLASTICS

Unit 3. Delta Court (Robin Hood Airport), Auckley, Doncaster, DN9 3GN

Tel: 01302 775920 sales@visionsinplastics.co.uk www.visionsinplastics.co.uk Stocks of Mirrored Extruded Acrylic in clear, 19 colours, See-Thru, Two sided, Anti Scatch, Anti Fog. Mirrored Polycarbonate, Petg and Polystvene. Non mirrored sheet in Acrylia ABS, Polycarbonate, Polystyrene and PVC

#### SIGN & DISPLAY SYSTEMS

#### PLEX DISPLAY LTD

The Furlong, Berry Hill Industrial Estate, Droitwich, Worcestershire, WR9 9BG

Tel: 01905 798 123 sales@plexdisplay.com www.plexdisplay.com

Established in 1994, Plex Display are hardware designers and manufacturers of Display, Café Barrier and Signage systems We offer the trade highly competitive pricing, unrivalled stock levels and same day despatch, all backed by first class customer service and technical support. So whether you are in the exhibition, display, signage or large format printing industries we have products to suit you

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852 888 sales@signscape.co.uk www.signscape.co.uk

Serving the Sign Trade for over 40 years, we are a leading manufacturer of modular sign and display systems, notice boards & other information displays. Our 6 major sign systems are used and combined, to create a wide range of sign display solutions, including full signage schemes. With all products made to order, we specialise in tailoring solutions to suit each client, location and application.

#### **SIGNWAVES**

Lefevre Way, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk

Tel: 01493 419300 enquiries@signwaves.co.uk www.signwaves.co.uk

Signwaves offers sign and display systems suitable for both internal and external use. The Adfresco Café Barrier system has stylish framework components and banner materials available to mix and match. Alternatively. freestanding Modular Pole Systems with a choice of poster frames, brochure shelves and banner sets for 2 channel or 4 channel poles can create informative internal displays

#### **VERY DISPLAYS LTD**

17 Boston Road, Gorse Hill Industrial Estate, Leicester LE4 1AW

Tel: 0116 232 3156 Sales@VeryDisplays.com www.VeryDisplays.com

Our aim is to set the benchmark for trade display solutions by providing innovative high-quality products at the most competitive prices. Trust Very Displays to enhance your brand and exceed expectations, from a personalised service through to same day dispatch. Get in touch today to find out more about our comprehensive range of products.

#### SIGN LOCATORS

#### F. K. MOORE LTD

5 Wilton Road, Haine Industrial Park, Ramsgate, Kent CT12 5HD.

Tel: 01843 593 440 enquiries@fkmoore.com www.fkmoore.com

British manufacturers of screw type Brass Locator Nuts, Wall Fixings and stockists of Nylon Locators for the Sign and Shopfitting Industries. As well as other shopfittings, we also manufacture Coverhead Screws, either Flat, Dome, Conical or Mushroom shape in various finishes, in addition to the famous "Moore's Super Clips" mirror fixings.

#### SIGN POSTS & FIXINGS

SIGN TRADE SUPPLIES LTD Britannia House, Granville Road, Maidstone, Kent ME14 2BJ

Tel: 01622 689 410 orders@signtradesupplies.co.uk

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.

#### SIGN SUPPORT SYSTEMS

#### E-SIGNFITTINGS HOBDAY LTD 57 Aston Brook Street East, Aston, Birmingham, B6 4RR

Tel: 0121 608 4431 sales@e-signfittings.co.uk www.e-signfittings.co.uk

E-Signfittings are one of the largest suppliers of Sign Standoffs, Cable & Rod Display Systems in the UK. We have large stocks available on next day delivery for orders received before 3pm and are equipped to supply orders from a few pounds up to thousands of pounds. Products in our range include Screw Head Covers, Poster Hanging Systems, Sign Hanging Systems, Leaflet Holders and Poster Displays.

#### I-SPI LTD

#### 47 Mansionhouse Road, Mount Vernon, Glasgow G32 0RP

Tel: 0141 764 1600 sales@ispitrade.com www.ispitrade.com

I-SPI Trade supplier of sign support systems. Our range includes wall mounts, cable & rod display systems, screw covers, LED lighting and much more all at THE REAL TRADE PRICE. Massive stocks and next day delivery. See our products on our web site or give Stephen or Sean a call for a brochure.

#### SHOPKIT GROUP LTD Unit B, 100 Cecil Street, Watford, Hertfordshire WD24 5AD

Tel: 01923 818282 sales@shopkit.com/brochures/ 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.

#### **UK POS**

#### Horsfield Way, Bredbury Park Industrial Estate, Stockport SK6 2TD

Tel: 0161 431 4400/4411

www.ukpos.com

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

#### SIGN SURVEYOR

#### PB WILLIAMS SIGN SURVEYOR 48 Durley Rd, Aintree L9 9AW

Tel: 07885 486 182 achromesigns@yahoo.co.uk We specialise in sign surveying to the with 30 years of experience as a sign

We specialise in sign surveying to the trade, with 30 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.

### PERFECTIONIST PROJECTS LTD

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

www.perfectionistprojects.co.uk
Whatever the size of your Project, we can
provide you with fast, cost-effective and
accurate sign surveys anywhere in the UK.
Before leaving Site we utilise the latest digital
technology (SPIKE) to communicate data and
photos directly to you as a PDF, High-Res
JPG ( with measurements or images only ) or
URL and we can provide helpful positional
data (Latitude, Longitude, Altitude).

#### SIGN TRADE SUPPLIERS

#### **BROWNINGS LTD**

157 English Street, Hull, HU3 2BT

Tel: 01482 380900

sales@browningsltd.co.uk www.browningsltd.co.uk

Brownings is one of the largest, TRADE ONLY suppliers of signage products in the UK. We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. Any size or quantity, from 1 offs to multiple rollouts. We are happy to supply as lengths of extrusion, in kit form or as made-up signs.

#### SIGN TRADE SUPPLIES LTD Britannia House, Granville Road, Maidstone, Kent ME14 2BJ

Tel: 01622 689 410 orders@signtradesupplies.co.uk 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.

### SIGNSCAPE AND SIGNCONEX

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

Tel: 01934 852888

sales@signscape.co.uk www.signscape.co.uk

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

#### **SIGNWAVES**

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

Tel: 01493 419300

enquiries@signwaves.co.uk www.signwaves.co.uk

Signwaves is a UK manufacturer of sign and display products for internal and external use. The range includes pavement signs and aboards (including Swinger and Ecoflex signage), snapframes, poster mounting and exhibition displays. Signwaves also offer trade exclusive Stand-Off Sign Fixings and Premier A-Board Frames with low prices quaranteed.

#### SYGNET SIGNS LTD 129 Humberstone Rd, Leicester, LE5 3AP

Tel: 0116 262 6288 sales@sygnetsigns.com

www.sygnetsigns.com

At Sygnet Signs, we've been creating bespoke and off-the-shelf signage for the trade since 1974. Whether you require Fascias, Built-Up or Flat-Cut Letters & Logos, Custom LED Illuminated Signs, our specialists will cut them using a laser or CNC router. We use the latest 3D/CAD development in the design and manufacturing processes, and all this happens on-site at our HQ in Leicester city centre.

#### SNAP FRAMES

#### SNAP-FRAMES.COM Earlsmead, Letchworth, Herts, SG6 3UE

Tel: 01462 682210 sales@snap-frames.com www.snap-frames.com

Snap frames are the clever front opening poster frames for the professional display for your promotional posters, signs, notices etc. Order online from huge stocks, for all sizes and styles including mitred corner, rounded corner, locking, tamper resist, freestanding, water-resist, coloured, wood effect, illuminated etc. Individually boxed and including anti-glare cover sheet, screws, wall plugs.

### SOLAR POWERED SIGNS & DISPLAYS

### SIGNSCAPE AND SIGNCONEX LTD

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

Tel: 01934 852 888

sales@signscape.co.uk www.signscape.co.uk

An eco-friendly and long term cost effective solution, our Eco-Vision Solar Display System provides solar powered illuminated noticeboards, monoliths and stencil cut backlit signage. Powered purely by daylight, it is an ideal solution for remote and highly urban locations where illuminated information is required and where routing a mains power supply is undesirable, unpractical or costly.

#### SPECIALITY FILMS

#### ATC LTD

### Calf Hey South, Off Well'ith Lane, Rochdale, Lancs OL11 2JS

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.

### MACTAC UK LTD Room 232, Victory House, 400 Pavilian Drive Northampton

Room 232, Victory House, 400
Pavilion Drive, Northampton
Business Park, Northampton NN4
7PA

Tel: 01604 644697

www.mactacgraphics.eu

Mwx...Tractacgraphics.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

#### 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.

#### **TEXTILE SIGNAGE**

#### **BROWNINGS LTD**

157 English Street, Hull, HU3 2BT

Tel: 01482 380900 sales@browningslt

sales@browningsltd.co.uk www.browningsltd.co.uk

We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. Frames range from a 17mm "retro" extrusion to a 180mm deep double-sided application. The profiles can accept a digitally-printed image by way of a rubber kader attached to the edges of the print and can be changed in seconds.

### TRANSFER PAPERS/HEAT PRESSES

#### THE MAGIC TOUCH 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.

#### TROUGH LIGHTING

#### **BROWNINGS LTD**

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

sales@browningsltd.co.uk www.browningsltd.co.uk

Brownings is one of the largest, TRADE ONLY suppliers of signage products in the UK. We manufacture poster frames, menu cases, slimlocks, signtrim, troughlights, acrylic-faced light boxes, flexfaced signage and now our new Texsign frames for internal use. The troughlight comes complete with a high impact, hinged polycarbonate face. We supply in any size, colour or quantity.

#### VECTORISING SERVICE

#### **DRAWUK**

www.drawuk.com

Woodside Chapel, Tabbits Hill Lane, Corfe Castle, Wareham, Dorset BH20 5HY Mob: 07833 087 686 james@drawuk.com

At DrawUK, we specialise in artwork reproduction or vectorizing as it's commonly known. Taking your JPEG/BMP images & turning them into high quality vector images. We have been producing vector images and artwork since 2003 making us highly experienced in this field. So if you have any images that you need converting or you just require a better quality one, please don't hesitate to get in touch.

### VINYL & GRAPHIC INSTALLATIONS

#### MIDA SIGN SERVICES UK LTD Welbeck Street South, Ashton-Under-Lyne OL6 7QZ

Tel: 0161 8 300 600 info@midasignservices.co.uk www.midasignservices.co.uk Specialist applicators of all types of vinyl and graphics. Vehicle application, Windows, Wall & Floor graphics etc. Fleet specialists. Nationwide service.

### PERFECTIONIST PROJECTS LTD

Dittons Road, Polegate, BN26 6HY

Tel: 01323 489361

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

#### VINYL SUPPLIES

#### 3M COMMERCIAL SOLUTIONS 3M House, 4th Floor, Building 8, Exchange Quay, Salford Quays, Manchester M5 3EJ

Tel: 01344 857000
commgraphics.uk@mmm.com
www.3M.co.uk/graphicsolutions
3M are global manufacturers of a wide variety
of 'Matched Component System' Warranted
graphic materials: 3M Scotcheal™, 3M
Controltac™ Plus, 3M Scotchelite™, 3M
Diamond Grade™, 3M Light Management™
film technologies, 3M Panaflex™ flexible
substrates, Comply™ Adhesive Technology,
3M DI-NOC™, Scotchprint® Graphics™ and
3M™ Envision products.

#### APA (UK) LTD Unit 10 Capital Ind. Est., Crabtree Manorway South, Belvedere, Kent,

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.

#### ATC LTD

### Calf Hey South, Off Well'ith Lane, Rochdale, Lancs OL11 2JS

Tel: 01706 633043 sales@apptape.co.uk www.apptape.co.uk

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.

#### AVERY DENNISON 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.

#### GREENSTIK MATERIALS LTD Unit 9 Lancaster Road, Carnaby Industrial Estate, Carnaby, Bridlington, East Yorkshire, YO15

Tel: 01262 602 222 sales@greenstikmaterials.co.uk 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 selfadhesive 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 3 Lumina Park, Bromborough, Wirral CH62 3PT

Tel: 0151 272 1234

info@mdpsupplies.co.uk 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. Last order time - 6pm for next day delivery.

### PYRAMID DISPLAY MATERIALS LTD

#### Head Office, Unit 5 Westpoint Enterprise Park, Clarence Avenue, Trafford Park, Manchester M17 1QS

Tel: 0161 872 5666 sales@pyramid-display.co.uk 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

#### SIGN TRADE SUPPLIES LTD Britannia House, Granville Road, Maidstone, Kent ME14 2BJ

MACtac, Avery Dennison, LG and Aslan.

Tel: 01622 689 410 orders@signtradesupplies.co.uk 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.

#### WAYFINDING SIGNS

#### **APPLELEC**

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

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

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

#### I.C.E.

#### 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 sales@signscape.co.uk www.signscape.co.uk

Serving the Sign Trade for over 40 years, we are a leading manufacturer of modular sign systems & information displays. We have 4 major systems for creating interior and exterior wayfinding sign solutions including; post and panel, flush panel and curved panel signs; desk, door and wall signs, wall directories, monolith and fingerpost signs. We have also offer a full graphics service if required.

### WIDE FORMAT SOLUTIONS PROVIDER

#### **COLOURGEN**

#### Bray House, 4 Westacott Way, Maidenhead Office Park, Maidenhead, Berks SL6 3QH

Tel: 01628 588722 sales@colourgen.com www.colourgen.com

Colourgen is the UK's leading specialist distributor of large format digital colour printing solutions, consumables, bespoke software, engineering and technical support services. The Company is the exclusive UK distributor for the Mutoh Sign & Display, Speciality/Industrial, Dye Sublimation and Direct to Textile printers.

#### WOODWORKING

#### HALLMARK ENGRAVING ETCHING & SIGNS LTD (EST. 1899) Unit 2, Ashgrove Farm, Piltdown, Uckfield, East Sussex TN22 3XN

Tel: 0208 686 6649 sales@hallmarksigns.co.uk www.hallmarksigns.co.uk

Quality joinery for Notice Boards, Honours Boards and Bespoke Signs. Directional signs, Finger Posts and Waymarkers made in all timbers. Backboards and Plinths can be made to any shape - singles or bulk orders. Memorial bench rails, crosses and wooden signs can all be engraved with designs and lettering. Please call for a prompt quotation or to discuss any project. Please go to our website to see examples of our work.



### Offering a complete and fully confidential trade sign manufacturing service

Metal fabrication, LED installation and paint processes; just some of the services offered in-house at Applelec.

Call us now and let's see how we can help with your next sign project: 01274 774477



# TRADE-LETTERS.COM

THE UK'S PREMIER SUPPLIER OF FLAT-CUT & METAL BUILT-UP LETTERS SINCE 1952

For almost 70 years, we have been supplying the UK Sign Industry with quality Flat-cut, Built-up and Wet-Sprayed letters as well as engraved plaques and Tray Signs



#### **FLAT-CUT LETTERS**

In Acrylic, ACM, MDF, Stainless Steel and Foam PVC



In various finishes, both aluminium and stainless steel

#### OTHER SERVICES WE OFFER



ENGRAVED PLAQUES IN BRASS, STAINLESS STEEL AND LAMINATES



TRAY SIGNS IN ACM AND ALUMINIUM



SPECIALIST FABRICATION



FLAT-BED DIGITAL PRINTING

### WE OFFER A FAST AND EFFICIENT SERVICE Email our experienced sales team to assist you with your next project



Carbon neutral delivery vehicles

100% CONFIDENTIAL

Trade only supplier
(we do not give factory tours)

🖊 100% of our waste material is recycled



Certificate Number 13274 ISO 9001 ISO 14001 OHSAS 18001



We use only the highest quality materials in all our manufacturing processes to ensure the goods you receive are of the highest standard





sales@trade-letters.com

0800 917 6376