

# INDUSTRIAL TOOLING CORPORATION LTD

FOLIO TOOLING CATALOGUE

FOR CNC ROUTERS AND CUTTING TABLES

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ISSUE 7
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Sign Update welcomes any news that may be of interest to our readers, for consideration to be published. Sign Update has the right to amend any editorial however it sees fit.

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"Helped us as a business massively, our production time and finishing time is probably done in half the time now so this gives us a great flexibility to take on more work without having to worry about getting more staff to meet the high demands etc."

Josh Ainsley, Ainsley Signs

"Having looked at other tables we felt the build quality far exceeded what was on the offer on the market" Simon Platt, Pumpkin Sign & Display

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James Clarke, EP Cowen Signs

"

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# WELCOME Page

# China and UK exhibitions are similar but different

With UK Sign & Digital over for another year, I remember a few things in particular. One being the BMW on the Hexis UK Wrap Battle stand, with the highly reflective mirror finish. It would take a brave man to be seen in this. I



nearly replaced the word 'man' with person, but the likely hood of a woman wanting to be in this would be pretty slim in my opinion as it's a real lads car. If I was twenty or thirty years younger, I'd have wanted a car like that. It looked like a real sporty performer and only for the real extravert. It was a great choice for promoting Hexis and if you have the confidence and can pull it off with out looking like a right dick, then an awesome car to have. Unfortunately, I'd be the right dick.

UK Sign & Digital had a slightly different feel to it last year, when compared to this year and also other years. I thought last year was quieter as it had less international visitors due to the pandemic. This year we had a few international people come to us looking for resellers for their products, meaning that not all people who are there, are looking to buy, so despite last year being possibly quieter, that wasn't a bad thing at all.

There is another exhbition being promoted now for September. This is based in Shanghai China and it really is many times bigger than anything in the UK. The organisers are promoting this as a global event in this issue of the magazine and



throughout the world. I did initially wonder why they promote it at such expense in the UK, but reflecting on past conversations, I recall how I have spoken to people who go directly to China to buy equipment, and there are others that are looking for opportunities to setup business as a distributor for whatever opportunities they find over there and as we all know, alot of the european brands have their products made in China, although as the world becomes more polarised, I wonder how this will fare in the future.

Martin Hinchliffe



# signs<sup>2</sup> signs









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# **PRODUCT** News

# ITC catalogue signposts route to success

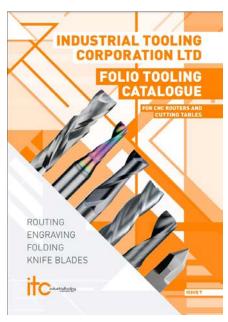
As a market-leading cutting tool manufacturer for the sign-making industry, Industrial Tooling Corporation (ITC) has now published the latest edition of its Folio product catalogue. The much-anticipated Issue 7 of the Folio catalogue series introduces a range of innovations from the Tamworth technical tooling specialists.

The new arrivals in the 2023 product catalogue include an extended Clearcut range that incorporates longer tool and flute lengths. This provides customers with more reach than ever before, making the cutting of thicker materials easier than ever. The longer cut length programme has also been extended to the balanced tool range and the compression tools. As ITC's Sally Hunt says: "As a UK manufacturer, we are particularly close to the UK marketplace and the needs of manufacturers. We discuss the challenges that the industry faces - and we respond accordingly with high-quality solutions. More businesses are being faced with new projects, material types and industrial trends; more of our customers are requesting extended cutting lengths for several reasons and

we are accommodating this request with extremely rigid high-quality solutions."

Also new to the Folio Issue 7 Catalogue is a more diverse selection of knife blades for digital cutting tables. ITC is also working on new special tools for LED lighting applications. The new catalogue also includes all the next-generation cutting tools, routers, folding tools, grooving and V-grooving tools and blades that ITC is renowned for. All of the new product lines in the catalogue are backed by expert service and support, with product lines developed and manufactured at ITC's UK headquarters in Tamworth.

Simplifying tool selection for your business, customers can download the ITC App (www.itc-ltd.co.uk/itc-app). The App and the guides within Issue 7 of the comprehensive 68 page Folio catalogue have been developed by experts with decades of experience in delivering the most technically advanced products that set the performance benchmark in the sign-making sector. If you would like to receive a copy of the Folio catalogue, please contact your local ITC



representative or alternately you can download the catalogue from the ITC website.

www.itc-ltd.co.uk

# Drytac announces global availability of improved ViziPrint Impress White

Drytac, a leading international manufacturer of self-adhesive materials for the large-format print and signage markets, is delighted to announce the global availability of its enhanced ViziPrint Impress White PET film.

A versatile solution for self-adhesive applications on glass and other smooth, flat surfaces, the new and improved ViziPrint Impress White allows users to achieve vibrant colours and create stunning graphics to print visuals that make applications stand out.

ViziPrint Impress White is designed for either dry or wet installation — depending on the size of graphics — on glass, mirrors, or other smooth surfaces. The flexibility of ViziPrint Impress White makes it the ideal choice for applications such as window advertisements, screen displays and appliances or white goods decoration.

ViziPrint Impress White features
Drytac's Adhesive Science technology,

which creates a strong bond in both high and low temperatures without leaving residue behind. This eliminates bubbling, making installation much easier for the user, while the film is unaffected by moisture.



The enhanced film allows customers to bring vibrant colours and stunning graphics to applications such as window advertisements, screen displays and white goods decoration.

The flexible nature of the film also means it can be moved and repositioned multiple times and will remove cleanly, without leaving residue on the surface. Compatible with eco-solvent, latex and UV print technologies, the 4.6 mil (115µ) ultra-white PET film has a matte finish and

offers three years interior and two years exterior durability.

"We are delighted to make the improved ViziPrint Impress White PET film available to our customers around the world," says Hayden Kelley, CEO of Drytac. "It is an incredibly flexible material and can be used for multiple indoor and short-term outdoor applications including window advertising, graphics, decals, stickers and privacy and decorative glass applications.

"Add in clean removability and excellent durability, and ViziPrint Impress White PET film is the ideal solution for a wide range of graphics projects."

www.drytac.com



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<b>ACRYL</b>	IC I	PERS	PEX	® Co	lours	add	10% i	for Go	old & S	Silver					£20	+ VAT	minim	um cl	harge +	carriage
Height	75mm	100mm	125mm	150mm	175mm	200mm	225mm	250mm	275mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mn	900mm	1200mm
3mm	1.11	1.39	1.54	1.82	2.17	2.89	3.63	3.87	4.50	5.43	8.24	8.93	10.04	11.30	13.81	15.99	21.34	32.09	48.33	56.32
5mm	1.48	1.88	2.22	2.74	3.44	4.18	5.11	6.55	7.78	9.05	10.55	12.07	14.48	17.50	20.20	21.73	28.37	28.60	54.30	69.93
10mm	2.70	3.23	4.27	5.30	6.61	8.46	10.14	14.22	15.40	18.67	21.38	25.49	29.04	33.78	37.92	42.66	59.26	86.53	111.41	144.00
<b>FOAM</b>	PV	(A)	II ava	iilable	e coloi	ırs - 10	Этт	& 19r	nm a	vailab	le in v	vhite	only)		£20	+ VAT	minim	um cl	harge +	carriage
Height	75mm	100mm	125mm	150mm	175mm	200mm	225mm	250mm	275mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mr	n 900mm	1200mm
3mm	1.22	1.78	1.87	2.13	2.19	2.54	3.20	3.86	4.36	4.87	6.27	7.72	8.74	9.40	11.26	13.27	12.63	22.71	31.91	36.34
5mm	1.28	1.76	2.18	2.67	3.22	3.79	4.34	4.78	5.55	6.32	7.88	9.25	10.53	11.22	13.04	14.87	23.15	31.57	35.07	38.45
10mm	1.62	1.88	2.57	3.55	4.15	4.79	5.88	6.84	7.81	8.69	10.47	12.45	14.82	16.30	18.28	21.24	25.69	29.64	44.95	53.20
19mm	2.66	3.75	4.35	4.74	6.33	7.41	8.89	10.37	12.55	14.73	15.81	18.47	21.24	23.51	25.49	28.65	36.56	39.52	52.86	80.29
3mm A	LU	MII	NII	JM	I CO	MC	PC	SI	ΤE	(Dibo	ond, A	lupai	nel)		£20	+ VAT	minim	um cl	harge +	carriage
Height	75mm	100mm	125mm	150mm	175mm	200mm	225mm	250mm	275mm	300mm	350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mr	n 900mm	1200mm
Coloured	1.83	2.36	2.94	3.47	4.10	5.29	6.46	7.74	8.92	9.91	12.05	13.50	16.44	18.79	19.96	24.06	28.77	41.30	54.02	73.98
Mirror (silver)	2.45	3.08	4.27	5.34	6.94	8.54	9.60	11.74	14.41	17.08	18.68	21.35	25.08	28.29	29.89	34.69	40.57	50.70	54.44	103.01
Mirror (gold)	2.70	3.38	4.69	5.87	7.63	9.40	10.56	12.92	15.86	18.79	20.55	23.48	27.59	31.12	32.88	38.16	44.82	55.77	59.88	113.31
Brushed	2.03	2.56	3.33	4.15	4.83	5.91	7.13	8.45	10.26	12.07	13.89	15.69	19.32	21.13	23.55	26.56	34.25	47.08	59.16	81.50
MILL FI	NI:	SH	AL	UN	ΛIΝ	IIU	M	(Com	es in i	ts raw i	form r	eadv i	or cod	atina)	£20	+ VAT	minim	um cl	harae +	carriage
Height	50mm	75mn			125mm	150mm				225mm	250mr				375mm				,	700mm
2mm	3.12	4.36	4.	94	6.60	7.46	8.3	3 9	.41	10.85	12.06	13.2	25 1	4.65	18.19	21.58	30.	88	41.33	53.61
3mm	3.65	5.07	5.	80	7.13	8.22	9.19	9 1	0.27	11.72	13.11	15.	11 1	6.66	21.62	25.86	36.	13	50.75	75.24
5mm	3.99	5.57	6.	.65	7.98	8.94	10.	27 1	1.61	13.53	15.58	17.9	95 2	0.24	26.19	30.21	42.	00	58.21	81.62
EXTERI	ΛP	NAI	DE																	
						l														carriage
Height	50mm	75mn	_	_	125mm	150mm	+	_		225mm	250mr			00mm	375mm	425mr		- 1	600mm	700mm
6mm	0.55	1.05	+ "	.83	1.82	2.70	2.8		.30	3.94	4.54	5.39		.89	9.73	11.22	+-	$\rightarrow$	17.92	45.39 ———
12mm		1.81		.12	2.95	4.24	4.89		.69	6.40	7.63	9.58		0.48	12.17	14.47	-	-	19.70	59.80
18mm		2.57	3.	.25	4.24	5.29	6.4	3 7	.93	8.88	11.02	12.7	72   1	5.16	17.36	21.19	22.	85	29.88	89.40

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# **PRODUCT** Choice

# **BOBcat Digital buys first Agfa printer**

BOBcat Digital, based in Milton Keynes, has become the latest print manufacturer to invest in an Agfa wide format engine. They took delivery of an Anapurna H3200i LED hybrid machine at the end of last year with installation and training completed in January.

BOBcat was established in 2013, set up by three colleagues who had previously worked together in the litho print market. Managing Director, Rob Blackburn may have an established litho production background, but the BOBcat business focuses on digital print and

produces banners and graphics largely for the events and exhibition market. They have a spread of different customers covering lots of sporting events, especially over the summer months, and exhibitions throughout Europe.

"We started the business with an entry level roll-to-roll 1.3m digital printer 10 years ago in our first premises in Bletchley Park." Said Rob. "We've moved premises twice since, each time to larger facilities with the capacity for more equipment and staff as the business grew. We've been in our current premises for 6 years and this most recent investment of the Agfa Anapurna H3200i LED print engine is a game changer for us."

BOBcat, who now employ 7 staff, had a busy 2022 with a continually growing order book that resulted in his team working lots of overtime and outsourcing more and more print by the year end. The Agfa Anapurna has changed all that with print speeds increased threefold and



"The new Anapurna engine is 3 times quicker with much better quality and has substantially reduced our overtime bill."



James Argent from Agfa (foreground) with Rob Blackburn from BOBcat Digital

with improved quality too. Rob Blackburn explained that some of the events they supply had previously required over 100 hours of print, reducing that by a third to 30 hours makes a project much easier to plan. The reliability of the Anapurna has apparently given them much more confidence in hitting tight lead times too.

The team at BOBcat looked at lots of wide format machines when they decided that they needed to purchase more capacity and they were very impressed with the running costs and ink usage of the Agfa Anapurna engines, where cost calculations brought Agfa in at ½ the running costs of some in the market. But the main reason Rob was sold on the Agfa machine was due to the Asanti workflow which he was very impressed by, he explains why:

"As my background is litho print production, where pre-press accuracy is critical, the RIP software is a very important consideration for me. Agfa's history is pre-press, they understand it and that's so obvious in the Asanti workflow. On wide format it seems to be more normal to sort out any issues on press but that's time consuming and costly. So, at BOBcat that responsibility lays with our pre-press design team which makes the print operations much more efficient. It reassured me that I'd made the right decision for the business when Graham Clark, Inkjet Systems Specialist at Agfa, who is a workflow guru and loves Asanti, came to do the training, what it offers is very impressive."

The Agfa wide-format hybrid Anapurna LED series is perfect for printers that

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

lowest ink consumptions in the market.

Rob said "The overall training and support package from Agfa has been very good. Our operators are happy with the Anapurna and find it easier to use. In fact, they want to put all jobs on the Anapurna as it's so much faster and with great quality results. It's early days and we haven't had the chance to go to customers and sell the machines capabilities, but it will help us move into new products too. It's already changed and improved how we print our Aluminium Composite Material ACM metal signage where we used to print on self-adhesive vinyl's and mount them, now we can print direct which brings down costs and speeds up the process. The icing on the cake for me was the Agfa finance package which is a good solution instead of using a 3rd party finance house and having to personally guarantee the loan. So overall I am very happy with our decision so far...."

www.agfa.com



The Asanti workflow software was a huge contributing factor when switching to the new Agfa machine.

# MediaCo takes delivery of UK's first swissQprint Kudu

Large format print, display and graphics manufacturer MediaCo Group has taken delivery of the UK's first swissQprint Kudu at its state-of-the-art manufacturing site in Trafford Park, Manchester.

The 3.2×2 metre true flatbed Kudu combines high volume production with precision and 10 colour channels print flexibility. Three rows of print heads deliver a print resolution of 1350 dpi and an output of up to 304 square metres per hour.

### **Delivering on all fronts**

While productivity and quality were key to MediaCo's decision, the power consumption of the swissQprint Kudu flatbed printer and top-in-class energy efficiency were also fundamental. swissQprint LED systems are all certified to be highly energy efficient, ensuring owners benefit from low operating costs and conserve valuable resources.

MediaCo selected the Kudu after an extensive review, specifying their machine with 10 colour channels including white, varnish and neon yellow and pink together with a CMYKLcLm ink setup. In addition, the roll to roll and dual roll options mean that films, banner, mesh and other roll stock up to 180 kg, are easily handled, as are boards and sheet materials.

# Flexibility, creativity & sustainability combined

Stephen Arthur, Managing Director at MediaCo Group, said: "swissQprint's reputation for quality is second to none. The flexibility, productivity and energy efficiency offered by the Kudu made it the perfect fit in support of our commitment to deliver innovation as part of our net zero, carbon reduction plan."

MediaCo's team is excited about the possibilities the Kudu's extensive colour options, from the ability to print 2 pt text sizes to the opportunity to add texture with up to five layers of print, alongside gloss, satin or matt spot clear varnishes.

"Installing the UK's first Kudu is another first for MediaCo and I have no doubt the Kudu will quickly become the go to solution for outstanding and innovative displays," added Arthur.

### beMatrix partner

As the approved beMatrix UK print partner, MediaCo will now showcase the Kudu's latest creative and sustainable print as an integral part of the beMatrix display system for the exhibition, retail and live events sectors.

Arthur said: "Outstanding print quality, application of neon inks, and amazing 3D images on acrylic are just some of the innovative options we can now provide for the beMatrix system and will help revolutionise both the impact and sustainability of display graphics."

### Providing a turnkey solution

Ian Maxfield, Sales Manager at swissQprint UK is delighted that MediaCo is installing the UK's first Kudu: "It will be fascinating to see the print solutions the business provides for customers with its new machine."

Over the past 20 years MediaCo has built a team of dedicated professionals providing advice and guidance on image and project management from concept to delivery. The Kudu will form a key part of its production site in Manchester as the business focuses on offering a turnkey fulfilment service for innovative concepts for live events, exhibitions, instore displays, product launches, interior decoration, brand promotion and much more.

www.swissqprint.com





# **PRODUCT** Choice

# Simply Beautiful Print invests in a Kongsberg C64 Edge from CMYUK

Simply Beautiful Print has invested in a Kongsberg C64 Edge digital cutting table from CMYUK. It replaces an existing CNC machine with a 3 x 2m fixed bed, which meant cutting anything larger than this had to be done by hand.

"As we've got busier and moved into exhibitions and events, everything we produce is bigger than 3m x 2m, so we needed to find an alternative," says Simply Beautiful Print owner and MD, Michael Tyrrell.

Simply Beautiful Print has purchased materials from CMYUK over the past five years. During this time, it has enjoyed a good relationship with Tim Boore, Senior Digital Sales Consultant. Michael evaluated various cutting and finishing solutions from different manufacturers before committing to the Kongsberg C64 Edge, which he first saw during one of CMYUK's regular Open House events.

"We chose the C64 because after weighing everything up, Kongsberg and CMYUK were just so easy to deal with. The technology and the tools behind the Kongsberg are really advanced, you can clearly see the thought that's gone into its development. It's also exceptionally good value and has a fantastic reputation. As a piece of equipment, it looks very impressive in our production facility," he says.

### Kongsberg C series

The Kongsberg C Edge is the newest cutting table in the Kongsberg C series. It has a working area of 3210 mm x 3200 mm and offers a top speed of 75m/min. Future proof, it is specifically designed to grow with your company, and can be easily upgraded for faster speed and acceleration. It features a 3kW liquid cooled router with extraction for consistent milling accuracy.

Simply Beautiful Print bought several tools for both textile and packaging work that includes a RotaCut knife for fabrics, Rigid Material Knife, Kiss cut knife, High frequency Vibracut knife, and a Heavy Duty Crease unit. The table has an option for a conveyor that

provides a continuous flat feed of material during cutting, which is not curtailed by size of the bed. It moves smoothly across the tabletop, eliminating any wrinkles or folds and a straight advancement means that cuts are always in perfect registration with the print.

The cutting table can be fitted with a conveyor at time of machine build or retrofitted at a later date.

The conveyor was a must for the business, due to its need to cut material longer than the table bed. This option was added to the quote as a standard item. "It's a really big plus for us to have a conveyor that will enable us to cut long lines. We've now got all the tools to cut fabrics as well as cardboard and the like, which means we can do point of sale work and expand our application range to offer more products that are going to be far easier to produce," says Michael.

"The Rotacut fabric tool is something we've never used before, previously we were cutting fabrics with a fixed blade, which wasn't easy as it dragged the corners of the material, making them fray a little," he adds.

Simply Beautiful Print also purchased Quickbox packaging design software, to enable it to create bespoke packaging. This software come with a library of parametric (rescalable) standard designs including FEFCO & ECMA libraries as well as a wide selection of POS (including FSDU) and countertop designs.

The Kongsberg C64 Edge was installed just before Christmas, and four members of staff have been trained to use it. "The training was really good and extensive, running over three days. In fact, the trainer was the same person who actually built the machine," says Michael.

Exhibition graphics now account for 90% of the company's business and 3.2m wide

fabric at varying lengths accounts for the majority of the output.

"The Kongsberg C64 Edge enables us to cut fabric easily and accurately. We are now running longer rolls with multiple jobs on them, you just load the roll onto the back of the Kongsberg, and it cuts each job down. It's allowed us to become very efficient and not cut anything by hand," says Michael.

Due to a five-fold speed increase, the company has become significantly more efficient and productive, allowing it to handle greater volumes.

"We're only a team of 6 including me and we were under a great deal of pressure before, as we were having to cut alot of fabric down on the floor. The C64 Edge has improved the well-being of staff as they're not having to crawl around on the floor anymore on their hands and knees. Now only 1 employee does the cutting, freeing the others to set up jobs. We're no longer burning ourselves out working long hours. We're doing the same job but, in less time, which is allowing us to take on more work. We really needed that efficiency," says Michael.

The Kongsberg has given the company the opportunity to bring more processes inhouse, supporting its journey to become fully self-sufficient. Says Michael, "We know we can finish fabrics ourselves faster and to the highest quality. Our turnover has doubled in the last 12 months, and the Kongsberg has given us the capacity, and driven our productivity and efficiency significantly."

www.cmyuk.com



# Digiprint Nettl launches environmentally friendly products with new HP Latex R1000

Diversified print service provider Digiprint Nettl has revealed that its new HP Latex R1000 printer has allowed it to launch an environmentally friendly range of products to help satisfy the rising customer demand for sustainable services.

Established in 1987 as a litho and copy shop in Bath and Chippenham, Digiprint Nettl has evolved to become a leading provider of all kinds of print, with two advanced design and digital print studios. In addition, in January of this year, the company launched a new signs, display and exhibition factory to further widen its offering to customers.

As part of this ongoing evolution, Digiprint Nettl has been committed to investing in new technology to support the business as it moves into new markets and takes on more customers. This led to the purchase of the new HP Latex R1000, which was installed in January 2023 to coincide with the launch of the new factory opening.

Running alongside an HP Latex 800W printer, which was installed just a few months earlier in October last year, the HP Latex R1000 has already had a significant impact on the way that Digiprint Nettl operates.

In particular, the environmentally friendly qualities of the printer, specifically its use of water-based HP Latex inks which have a much lower impact on the planet than other ink options, have allowed the company to take yet another step forward by rolling out a new range of products.

"Our most important requirement when investing in the printer was the environmentally friendly Latex technology," says Ben Gregory, Director of Digiprint Nettl. "Our business became carbon neutral in 2015 and Climate Positive in 2019, and HP Latex was an essential step to help us achieve this goal.

"For us choosing to partner with HP was

deliberate and researched extensively. As a result of the new HP Latex R1000 investment, we are going to be launching a fully comprehensive range of PVC-free environmentally friendly sign and display products."

Ben added that these environmental credentials, along with the high-quality output of the HP Latex R1000 and the company's new product offerings, means Digiprint Nettl will be able to move into a number of new, exciting and profitable markets.

"Having already offered HP Latex to our customers for roll-to-roll printing, adding the flatbed option with an HP R1000 will deliver new markets instantly," Ben said. "We have secured contracts with schools, councils, government bodies and larger businesses all due to the increased ecofriendly options available to us now.

"Within a week of installing the HP R1000 we had customers enquiring about new products and services that were previously not achievable. For example, a customer who uses our business for regular print has placed orders for bespoke packaging boxes for large items and has ordered point of sale and pallet wrappers to match.

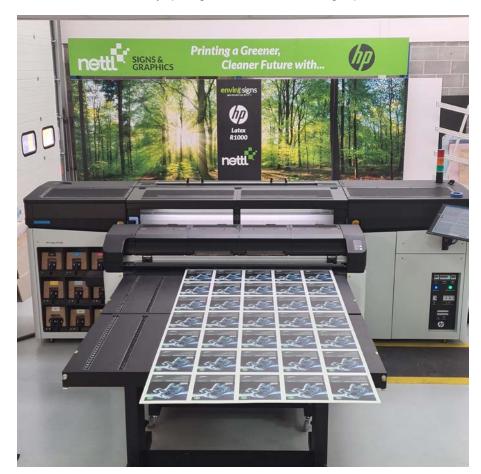
"Another business was ordering transfers for skateboards from China; after some testing on our HP R1000 we profiled a film and have landed an order of over 5000 skateboard prints."

Digiprint Nettl is a long-term user of HP technology, having taken on its first HP printer in the 1990s. The company has regularly upgraded its production setup with new machines from HP, with Ben saying that HP devices have played a major role in its growth over the years.

"From HP plan printers and scanners to the first Latex machine in the South West, we have grown year-on-year by adding HP print machines to our business offering," Ben said.

"Our production team really like the ease of use with HP and the simple to follow guides for maintenance. This enables us to retain the quality of output to meet our customers' exacting standards."

www.hp.com/gb-en/printers/large-format/latex-r-series.html



The new HP Latex R1000 printer was installed in January 2023 and is running alongside an HP 800W that was purchased in October of last year.



# **PRODUCT** Choice

# FDP move into dye sublimation

One of the North West's leading wide format printers, Fusion Digital Print (FDP) is expanding its facility to offer dye sublimation fabric printing. The first new piece of dye sub kit, an Agfa Avinci CX3200 machine, was installed in January.

FDP has been trading nearly 20 years and for the last 8 have been based on the secure Heywood Distribution Park in Greater Manchester. They have always been a large format business and they supply lots of different types of customers globally. They do a lot of European exhibition work and have many prestigious retail customers and whilst they have dabbled in fabric with UV, they have confirmed their commitment to invest C£400,000 to set up a new fabric department.

"You can't dip your toe in to fabric printing, you need to do it properly." Said FDP Director Darren Taylor. "We see a lot of growth for the business in printed fabrics both from our existing customers and new ones. It will allow us to print on a wider range of substrates and we can pack them smaller, fold them, making it easier to post them out to clients. The Agfa Avinci was the first piece of dye sub equipment to be installed closely followed by a calendar unit. We've purchased new tooling for our two cutting tables, have new sewing machines and now employ two full time seamstresses with over forty years of experience between them."

FDP are no strangers to Agfa products, one of their early print machines was an original 3.2m Agfa Anapurna. When they decided to move into the fabric print marketplace more seriously, they looked at all the main suppliers and wanted to go with an established brand. Ultimately, they decided on an offline printer with separate fixation unit as they felt it was less limiting on materials and will give them better colour consistency. They also visited Northern Flags, a well-established printer in fabrics who run three Agfa dye sub machines and spoke to their production team. This coupled with a long-standing relationship with their local Agfa salesman, Wesley Small gave them the confidence to order the Avinci machine.

Agfa's dedicated dye sublimation roll-toroll printer produces vibrant high-quality prints on polyester-based fabrics up to 3.2m wide, including a broad range of soft signage for inside and outdoors and for interior decoration. The Avinci CX3200 is



Darren Taylor (left) at Fusion Digital with Wesley Small from Agfa by their new Avinci Dye Sublimation machine

a reliable soft signage printer that's able to print directly to fabrics as well as onto transfer paper. It uses an off-line calendar unit to ensure perfect fixation.

The new fabric offer has meant that Fusion Digital has expanded its workforce and taken on another unit to house the finishing equipment, which is often the bottleneck in the process. And whilst they appreciate the running costs of a calendar

unit that requires 40kw in a time when energy is a serious consideration, this is in part offset by the efficiency of the printer at 4kw, with lower ink costs and usage and by driving a green agenda with media supplies. They don't purchase in the far east but more locally in Germany with a fabric manufacturer that plants millions of trees to offset their carbon footprint.

www.agfa.com









# **PRODUCT** Choice

# Elevate Signs and Graphics brings key work in house with new HP Latex 335

Falkirk-based Elevate Signs and Graphics has hailed the impact of its new HP Latex 335 printer, revealing how the machine has allowed the company to bring a large amount of printing work in house and to explore opportunities in new markets.

Founded by Adam Sharpe in 2021 after redundancy during the pandemic, Elevate Signs and Graphics offers a wide range of print and signage services, including both indoor and outdoor signs, safety signage and vehicle wraps.

As a new business finding its feet, Elevate Signs and Graphics had been outsourcing a lot of printing work to a trade printer, which had been costing the company thousands of pounds due to the level of demand for these services.

This led Adam, who has been working in the print and signage markets for over 20 years, to explore the option of purchasing a printer that would allow the company to bring work in house and cut the costs of outsourcing printing.

Adam and Elevate Signs and Graphics opted for an HP Latex 335 with the machine being installed at its Falkirk base in December last year. The printer has already had a major impact on operations, with the company having taken much of its printing work – including vehicle wraps and signage panels – in house.



"The versatility of HP Latex technology was perfect for my business as we cover a wide range of jobs," Adam Sharpe says.

"The versatility of HP Latex technology was perfect for my business as we cover a wide range of jobs," Adam said. "Both the cost effectiveness and quality of print made the HP Latex 335 the obvious choice for us.

"I was spending tens of thousands of pounds with a trade print supplier, so not only will I have more control over jobs, but I will increase profit margins. I have also employed my wife to help with production."

In addition to bringing valuable work in house, Adam said the HP Latex 335 has allowed the company to explore new markets, highlighting the exhibition and events sector as a particular growth area for the business.

"I have been doing a lot more exhibition work, printing then applying to boards, so it's definitely a growing side of the business for me," Adam said.

"We are always looking into new possibilities; we don't do as many window graphics as we would like, so that is a target market. We also do lots of interior wrapping, so digital wallpaper is also on the radar.

"Having been working in this industry all my life, I can honestly say that what HP has to offer is the most comprehensive range of machines that suits all sizes of business and budget. I will look to upgrade my current machine eventually, but for the moment, it is perfect!"

hp.com



"Both the cost effectiveness and quality of print made the HP Latex 335 the obvious choice for us."

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# **PRODUCT** Choice

# Edinburgh designer brings unique look to John Mark wallpaper with HP Latex 2700W

Edinburgh-based designer Mairi Helena and leading digitally printed wallpapers manufacturer John Mark recently linked up to produce a bespoke wallpaper featuring a host of special effects, all of which were printed using an HP Latex 2700W Printer.

Mairi has been designing wallpapers, fabrics and various home accessories for more than six years, drawing inspiration from the textures and colours in photographs she has taken of the stunning Scottish landscape.

Having worked with John Mark for a number of years and designing a range of wallpaper products for the brand, Mairi was keen to explore new areas with her White ink capabilities on the HP Latex 2700W allowed designer Mairi Helena to achieve a number of special effects that helped make the wallpaper "shimmer".

latest piece that was inspired by water going in and out on the shoreline of the Scottish coast

After creating a design with several layers, Mairi approached John Mark to see how they could bring the patterns to

life. John Mark recently installed a new HP Latex 2700W Printer which has white ink capability and, working with Mairi, was able to use the machine to achieve the desired effects.

The stand-out feature of the design was a "shimmering" effect. When light shines on the wallpaper, parts of the piece glisten in a similar way to the water in the original photograph. Layered printing also helped accent other parts of the design such as oystercatcher birds walking on the shore.

"The ability of the HP Latex 2700W and its white ink to help parts of the design stand out and almost come to life was just incredible," Mairi said. "The shimmering effect in particular was really special as never before have we been able to create such a design.

"I was really keen to try out something new with this design and thanks to John Mark and its new HP Latex 2700W, we were able to achieve something quite special that offers a whole new option to the end customer."

John Mark is a long-term supporter of HP Latex technology and, to date, has an HP Latex 570, an HP Latex 800W, five HP Latex 1500 and two HP Latex 2700 printers. In July 2022, the company was also the first UK businesses to install the new HP Latex 2700W printer, officially launched at the end of last year.

"The addition of the HP Latex 2700W has significantly increased our white ink capabilities, which in turn has opened up all manner of new layers and finishes that we can add to our already expansive range of wallpapers," says John Mark Watson, Managing Director of John Mark.

"We have been blown away by the results we are getting and have been showing those to designers who have been impressed by the outcome, helping to inspire them to come up with new designs."

Building on the success of this initial design, Mairi said she is keen to see what else she can achieve with John Mark and the HP Latex 2700W, adding that she has a number of ideas as to how to push the boundaries further.

"This first project has given us food for thought in terms of what else might be possible with the HP Latex 2700W," Mairi said. "It's a really exciting time!"

www.hp.com



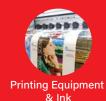


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# Road Safety Signage

# Tennants UK – Innovative Solutions for business opportunity

Tennants UK, established since 1967, have a wealth of experience within the Road Safety signage. Tennants UK offer reflective products and services to a range of sectors such as the automotive, highways and sign making industries. A leader in number plate solutions. Not to mention being the Master Distributor for a huge range of Oralite Reflective films & materials, they also provide highway equipment and road signs. Additionally, they have developed new ground-breaking products within the industry, which benefits safety and the environment with their Quick-Lock Post System.

Discussing their ground-breaking solution with Lizzie Rowe, who heads up the marketing division at Tennants UK, she extolls the virtues of the system by telling us, "The game-changing solution for urban and streetwork schemes is the Quick-Lock Post System. Benefitting the environment as much as it does safety, it increases road-work sustainability. Providing a tidier assembly and more visible temporary signs, it takes up a far smaller footprint in comparison to metal frames and sandbags. Fully recyclable, the Quick



Tennants UK's quick-lock solution creates more durable, environmentally friendly, and long-lasting road safety signage.



Fast, precise and reliable, the large-format ColorPainter M-64s meets the demand for high quality in the outdoor signage and indoor graphics markets. Dynamic Dot Printing (DDP) controls and the Smart Pass 4 (SP4) dot control algorithm enable high-density printing and superior image quality.

Lock Post System helps hugely towards meeting ESG (Environmental, Social and Governance) responsibilities."

Passed in 2019, a key regulation for UK ESG requirements is the Companies Act of 2006, which includes requirements for annual reporting. The reporting links to the UK's achievement to become Carbon Neutral by 2050. Lizzie continues to expand on the advantages that Tennant Signs can offer to businesses looking to establish themselves within the Road Signage industry. "By combining the QUICK-LOCK system with our Traffic Sign Printer, we can offer a turnkey solution for anyone looking to start a traffic sign business."

Another benefit of the system is that it is extremely durable. For the sign plates we use their own sign substrate, called Enviroplate. Enviroplate is Tennant's own substrate, which is more durable and eco-friendly than traditional road safety signage. Since it's more durable than GRP and Composite, Enviroplate wont bend & damage Sign faces. In addition to being highly resistant to bending out of shape, so your sign faces last longer. On the rear we pre-fit lugs for use with our slotted posts' keyholes.

# The other side of the Road for Safety signage solutions

Lizzie expands on how Tennants UK, as distributors, offer a secondary aspect of

Road Safety signage to their consumer. "A versatile printer that can produce both traffic and commercial signs." Tennants are official distributors of The Oralite Eco Traffic Printer. This printer produces compliant permanent road signs on HIPs, (HIPs refers to reflective traffic signage) temporary road signs to BS 8442 standard and full colour commercial graphics. Widely used throughout America and Asia and now available in Europe through Orafol. Tennants are proud to announce that they have official distributor status for traffic printers and consumables into the UK road sign market and can offer direct on-site technical support.

Additionally, Oralite Eco Traffic Printer saves significant time when compared to outdated cut-graphics. Not to mention reducing the environmental impact, by cutting down on waste & screen-print solvents. Using GreenGuard Gold certified SX Inks, the printer delivers low VOC emissions and produces even less airborne pollutants and chemicals during operation.

With the combination of the innovative Quick-lock Post System and master distribution of Oralite Eco Traffic Printer, Tennants is the company to contact for your Road Safety signage needs.

www.tennantsuk.com

# William Smith Signmaker's - 191 Years of Experience

William Smith Signmaker's specialise in Road Safety Signs in the UK. Established in 1832, they are the UK's oldest Sign maker. With 191 years traditional knowledge and experience, they know better than most how to create a quality product. With a variety of specialities, William Smith Signmaker's have a lot of experience and knowledge within the industry.

For This feature on Road Safety Signage, we spoke to Kyle Giles, Marketing Executive, what makes William Smith the premium choice for Road Safety Signage within the industry. Kyle Giles tells us, "Our long history of traffic sign manufacturing makes us the premium choice, as one of the first companies to achieve CE marking (now UKCA). It shows our commitment to ensuring the products supplied meet the highest standards and always comply with current regulations. Our sign designers have a wealth of experience and knowledge which allows us to advise customers on the correct layout of the sign faces, so that they comply with the TSRGD 2016 (Traffic Signs Regulations and General Directions) and any other relevant specifications."

Intrigued to know about what the CE/ UKCA marking entails, Kyle explains "All traffic signs need to meet the requirements of BS EN12899-1, which when part of Europe meant CE marking, however since Brexit the signs still need to comply with the standard but now have to have a UKCA mark and for Northern Ireland they need to carry the UKNI & CE mark." (BS EN12899-1) is a British Standard institute, which stipulate the regulations that Road Safety signs must abide by. In a nutshell, the CE marking shows that the manufacturer has checked that these products meet EU safety, health or environmental requirements.

With Road Safety Signage as paramount and laden with strict regulations, it is not only the signs but the vinyl's, which must also adhere to the regulations. Kyle explains, "The reflective vinyl's used have to meet specific requirements set out in the standard and carry a CE mark to show compliance and any overlays need to be tested in combination with the base reflective materials to ensure they meet the relevant colour, retroreflective and durability requirements of the standard. As digital printing is far more common within the industry, the printing of the



William Smith's investment in their Durst RH0163TS automated multi-pass UV inkjet flatbed printer and inks create high quality print, meeting traffic colour specifications to produce certified highly reflective traffic signs.

reflective base has the same testing criteria to ensure colour, retro and durability are met, again it needs to be tested with the associated laminate(s) to ensure compliance with the standard. All vinyl's used need to be from the same manufacturer." William Smith ensure that all regulations are complied with.

# Digital Printer for Road Safety signs

Kyle continues to elaborate on the vinyls required and the method of digital printing vs vinyl application. "There are still a number of methods employed in the manufacturing of traffic signs, from the traditional laying up of vinyl's, through to the digital printing of the sign faces using product specific printers for the various makes of reflective vinyl in the marketplace. As we use 3M reflective vinyl's for our traffic signs we have made significant investments in their digital printing solutions using their Durst RHO163TS and inks which allow us to meet all the regulations, improve throughput and react swiftly to customers delivery requirements." The Rho 163 TS Series is the latest development for industrial traffic sign production. Using specially designed 3M UV Inkjet

Traffic Inks it delivers highest quality and reliability, meeting traffic colour specifications to produce certified highly reflective traffic signs.

### How to keep up with change

With stringent regulations, we asked Kyle what has been the most significant change to the signage industry in regards to Road Safety Signage. Kyle responded with "The most significant change in traffic sign manufacture has been the advent of digital printing into the manufacturing process as there were numerous challenges to overcome compared to the commercial digital print industry. Smith were again at the forefront of this when it was originally launched by 3M in 2000. Adopting the technology early on allowed us to gain a wealth of knowledge and experience." Having over 190 years of experience and having discussed how William Smith stays ahead of the curve when it comes to keeping up with technological advancements, it looks like William Smith Signmaker's will be at the forefront of the manufacturing and sign making environment for a long time to come.

www.smith-signdisplay.co.uk



# **CNC Router Cutting Tools**

# ITC tools sign the route to success

Founded in 1991, ITC (Industrial Tooling Corporation) is a specialist tooling supplier. Their objective is to supply customers with the best possible products, at the same time, making them more efficient and driving productivity through method improvements. We spoke with Rhys Williams and Sally Hunt, at ITC, who decided to give us an insight of the company through the eyes of a customer at ITC.

Ronnie Ross, Managing Director of Designed Signs & Graphics Ltd, entered the signage industry aged 16. After cutting his teeth in the sign-making business, Ronnie established his own company, and now, 20 years after the inception of Designed Signs and Graphics Ltd, the company has grown to become one of the primary print and sign making companies in the Elgin area of Northern Scotland. Recalling his first interactions with ITC, Ronnie told us "Through my career, every business I worked for was using ITC as the 'go-to' supplier for all their routing tools, knife tools and ancillary equipment for routing. This is because the service, technical support and ability to solve problems were up there with the quality of their cutting tools. So, when I bought my first routing machine - ITC was the first name on the list."

As a startup company, they started with a Gerber Edge printer and GSX15 plotter, producing small print run jobs and signage. With financial assistance, the company invested in a large format digital printer, a Gerber Sabre 408 routing machine and a wide format plotter – it was here that the company started its journey with Tamworth based cutting tool experts ITC.

# Customer's journey into the present

Ronnie adds: "With the additional capability and capacity, we could produce everything from shop fronts, 3D and illuminated signage through to





"Through my career, every business I worked for was using ITC as the 'go-to' supplier".

vehicle wrapping, banners, cut letters and logos, fascia's, engraving and all types of larger jobs. This not only opened doors of opportunity for our business to grow, but it also meant we needed additional advice and expertise on our choice of cutting tools. The increased variation in our workload meant the types of

materials we were processing started to expand – and Sally Hunt from ITC was instrumental in ensuring we were using the right tools for the right materials."

Designed Signs & Graphics now serves customers within a 100-mile radius of Elgin, providing a complete range of services. Looking at the diverse range of services and how ITC has supported the company, Ronnie says: "We machine materials from PVC and Perspex through to Di-Bond, Wood, MDF, Ply, Polycarbonate and many others. Each material needs to be machined differently to

differently to

Solid carbide single flute, upward spiral, 30 degree helix on reinforced 6mm shank, ideal for reducing number of collet changes, manufactured from Ultra Wear Resistant Micrograin Carbide. Balanced for use on high frequency spindles, 30,000+ rpm.



optimise our machining performance and also our surface finishes. ITC has supplied us with everything from the Clearcut single flute tools for machining Perspex and PVC, engraving tools for all material types, an auto-carve set for creating 30, 45 and 60 degree angled features on signs and letters as well as the Di-Bond range of tools for cutting ACM. Whatever we have needed from a cutting tool perspective, ITC has catered for all our requirements."

### **Tools of choice**

ITC supply a vast range of tools for the Signage Industry. Ronnie tells us, "The tools of choice that fulfil most of the routing requirements at Designed Signs & Graphics are the ITC single flute solid carbide Clearcut range with an upward spiral for swarf evacuation. The balanced 15-degree helix tools are primarily specified in 3 and 4mm diameter to provide a polished finish on Perspex. Acrylic and Foamex as well as a host of other material types." Following the initial success of the ITC Clearcut range, Designed Signs & Graphics started to integrate more of the leading tooling solutions from ITC. This includes the 3 and 4mm diameter Di-Bond Folding tools that are regularly adopted for machining Di-Bond and similar aluminium composite materials.

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An ITC routing tool profiling a signage component at Designed Signs & Graphics

Referring to these tools, Ronnie says: "The ITC Clearcut and Di-Bond tools are fantastic. The quality of the tools and the strength of the carbide ensures both the Clearcut and Di-Bond series retain their edge sharpness and cut quality for very long periods. It also means that we rarely need to change our tools and tool breakages are never an issue for us. The Di-Bond tools are offered with both a 90 and 135 degree inclusive angles and they give us precision machining for a remarkably long period of time. This gives us confidence on the shop floor that we will never encounter any tooling-related issues. Whilst most Di-Bond materials are not very thick, we also apply the Di-Bond tools to cutting Perspex and other materials up to 19mm deep."

Concluding upon the relationship with ITC, Ronnie says: "The service from ITC is 'second-to-none' and the technical advice and support from Sally at ITC is exceptional. As a UK-based cutting tool manufacturer, ITC has experts like Sally that can support our business and work with us to resolve any challenges that may arise. This includes everything from machining new materials, improving surface and edge finishes or enhancing our machining performance to increase our throughput. With next-day delivery and products of exceptional quality with fantastic service, we would never need to look for another cutting tool supplier."

www.itc-ltd.co.uk



# **CNC Router Cutting Tools**

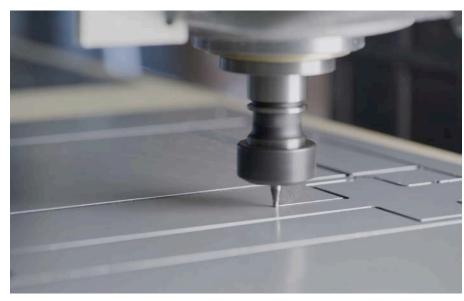
# Taking the guesswork out of CNC routing

LKH Tools is a UK distributor of quality CNC tooling from Crown Norge, a Norwegian company who have the tools manufactured in Switzerland. We asked Liam Hodson, Tooling and Machine Consultant at LKH what makes Crown Norge a premium for cutting tools within the industry. Liam tells us "By using high grade European carbide and the latest grinding machines, the tools' consistency and quality is superb. For the end user, they can cut cleaner, faster and for longer with these tools, reducing labour and time compared to other tools on the market. The parts cut require no further finishing or cleaning which is a huge time saver for a business and their customers."

Liam tells us about the popular range Crown Norge range and the specific components used by Sign Makers. "In the case of aluminium, we offer "Superior" coated tools which allows the operator to cut dry and without the use of coolant. This is a very important feature if the next material is MDF, plastic or PVC. In the past, the operator would have to clean the machine down between sheets or dedicate a machine purely to cut aluminium." Liam continues, "With acrylics we have seen a huge demand for our GEN2 acrylic range which cuts clear acrylic to a very high level. This gives a near polished edge (in a single pass) on even the most basic of machine setups. In most cases this is more than expectable to pass as a polished finish."

# Taking the guesswork out of CNC routing

"Taking the guesswork out of CNC routing" is LKH's motto. With multiple options, it



The MP (Multi Purpose) superior cutting tool cutting ACM with ease

can lead to the question; what is the right tool for the right job. Liam states that, "For new users or customers who have not cut a particular material before, it can be just a simple verification of what they want to cut. We go through a process of finding out what the customer is trying to achieve and look at the machinery they are using. We can then advise on the correct tools, based on the material, part/shape they want to cut. More importantly we also give them the right settings (feed rates, pass depth and spindle speeds) based on the conversation at the very start."

Expanding on services at LKH Tools, Liam says, "We provide advice and the correct settings for each tool and material combination. This saves the

customer the trial-and-error process. We have CNC machines in house for testing purposes. Material suppliers often send new materials to us for test cutting prior to their new product launches. This allows us to have the relevant tool and information for their customers. End users can also send us materials they have been struggling with for assistance. We are also distributors for Vectric and the V-Carve software. We offer training on this software package as well as a tool library which our customers can download. This gives instant access to settings for feeds and speeds on the materials for each tool and helps new machine users get up to speed very quickly. In addition to the tooling and software, we also offer an onsite consultancy and training service to improve the customers production and routing processes."



With LKH Tools offering training and consultancy services with their products. Liam explains the positive impact for this company. "The training and consultancy we offer increases the customers output and also reduces amount of hand finishing required. Choosing the correct tool for the material is very important and by making simple changes to the way they operate, makes a huge difference in what's produced. I often see customers making the same mistakes, using the same router tool to cut everything from aluminium to plastics, usually cutting at a very slow speed. This then requires a huge effort to clean up or dress the cut part. In some of the more extreme cases, customers have



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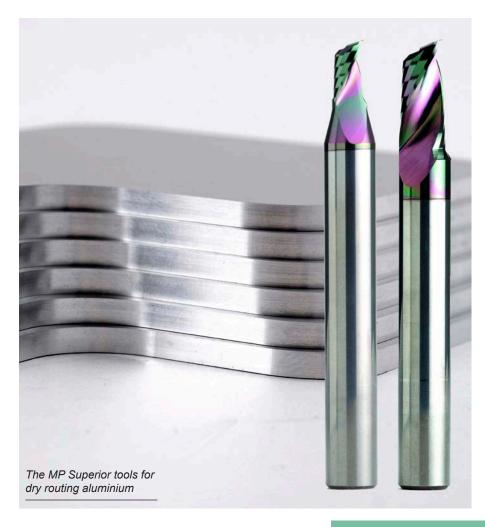
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gone from cutting aluminium, for example at 1 meter per minute with coolant, or oil to 12 meters per minute dry by using the correct tool. The obvious improvement is speed but it also means they do not have to clean the parts or machine from oil/coolant between cuts. The finish of the cut requires no further work, saving the time and additional labour to bring to the correct standard. We work with customers to improve how things are cut, the layout of the program and optimisation of the process. All these elements which we work on are then combined together to give the operator a concise method of working.

Although CNC machines have largely remained similar for the last decade or so, cutting tools themselves have taken a quantum leap forward. We asked Liam how LKH Tools plans to stay one step ahead of the curve to offer customers the best service possible.

Liam explains, "We work closely with Crown Norge to develop and improve the tooling we offer, their motto is "Innovative cutting tools" and they are right. There are always new challenges to be met, new materials and cutting process that we are working on. For example, we work on some of the more difficult and challenging materials to cut and we like to push the boundaries of what is possible on a CNC router."

www.lkhtools.co.uk





# **CNC Router Cutting Tools**

# Powell CNC – Quality Suppliers of CNC Routers and Ancillary Equipment



Compression spiral cutters with marathon coating perfect for laminated materials, including Plywood and MDF.

Powell CNC are a leading supplier of CNC Routers and ancillary equipment in the UK and Ireland. With over 10 years of experience, their expert sales team are knowledgeable on all types of CNC machinery from CNC Routers, Edgebanders, CNC drilling machines and smart factory solutions. Dedicated to supporting all customer needs from machine sales, to spare parts and consumables. Speaking with Bill Powell, Sales Director for Powell CNC about what makes Them the premium choice for CNC routers within the industry, Bill highlights the essential requirements for CNC routers.

**Precision**: CNC routers and cutting tools require a high degree of precision to produce accurate and consistent results. We are known for supplying machines and tools that can achieve tight tolerances and produce high-quality cuts with minimal error.

**Durability**: CNC routers and cutting tools are often subjected to heavy use and can undergo a lot of wear and tear. We supply machines and tools that are built to last, with high-quality materials and components that can withstand the demands of frequent use.

Innovation: The CNC and cutting tool industry is constantly evolving, with new technologies and techniques emerging all the time. We are at the forefront of innovation, developing new features and tools that can improve efficiency, accuracy, and overall performance.

Customer support: CNC routers and cutting tools can be complex, and users may require support and guidance from the manufacturer to get the most out of their equipment. We offer exceptional customer support, with knowledgeable technicians and resources available to help users troubleshoot any issues and optimize their machines and cutting performance to increase longevity, throughput and profitability.

# Right tools and services for the job

Within the Signage industry, there is a very low tolerance for imperfections. As such, it is essential for sign companies to be equipped with the right tools for the job.

Bill elaborates on this subject, "single flute

spirals are often th tool of choice. They have a large flute volume, evacuating chips and debris quickly and efficiently. The design allows for faster feed-rates, cutting through material quicker than other types of tools and produce a cleaner edge. This is important as quality of the finished product is critical and edge quality is often scrutinised." Knowledge and support within the signage industry is essential, as speed and quality ultimately affects the reputation and profitability of an industry that requires exemplary attention to detail.

As most within the signage industry are aware, a cutting tool is only as good as the substrate it is intended for. This can vary widely, from acrylic to MDF, to composite. We asked Bill, what type of single flute spiral was best for each substrate. These CNC tools are supplied in different versions to suit our customer's needs. The range expands from the "Acrylic" range, with special geometry for Acrylic and Polycarbonate. Our "multi-purpose" range is suitable for engineering plastics, wood, rubber and aluminium. The "Multi-purpose Superior" range with its special coating offers 60% less friction for difficult and harder substrates such as Trespa, ACM mineral core and dry cutting aluminium

In terms of customer support, Bill recalls a particular situation that helped a customer to find the right tool for the job. "A customer was having trouble processing 12mm phenolic faced plywood.



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Multipurpose Superior tools with special coating for hard to cut materials such as aluminium, ACM FR grade and Trespa.

The standard carbide tools were not lasting due to the aggressive nature of the material. We specially designed a diamond compression spiral, which gave excellent tool life and finish and a competitive price." Powell CNC's offers not only the product to its customer, but the experience and knowledge with their product.

A primary example of how Powell CNC helps their customers is for their special tooling requirements. Bill tells us, "We can have tools designed to meet customer's specifications and profiles. We offer highquality CNC router tooling that is durable and reliable. This reduces tooling costs, labour, and machine time. Along with this, is our first-class technical support that gives advice on applications and running information. Our fast delivery with a large stock at competitive prices means that our customers don't have to wait long for their order." As always within business, time is money and Powell CNC's aim is to aid business with this prospect and future proof their business by keping up with the latest in technology and services.

### Looking to the future of tooling

As technology ever moves onwards, we asked Bill about how they keep up with the industry. "We continuously monitor the latest advancements in the industry by attending conferences, workshops, exhibitions and investing in technological infrastructure and tools. This includes keeping up with the latest software, hardware and machinery innovations."

"For our customers, this means we are able to offer innovative products and services, provide better customer experiences, and operate more efficiently to reduce costs. Staying innovative helps us to meet the changing needs and expectations of our customers. Offering innovative products at competitive prices allows us to build trust and long-term partnerships with our customer base."

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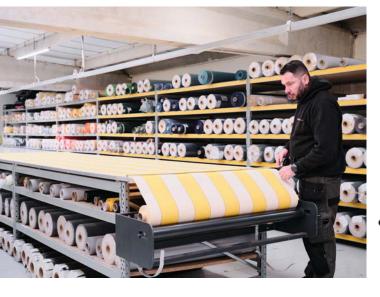
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- ✓ (NEW) Smart APP (Control the awning from your phone)
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Fully wired & assembled ready for easy installation

# Vinyl Cutter/Plotter Blades

# Graphtec - Precision and reliability with every cut

Graphtec, established in 1949, has a long history of technological development. This has meant that they have always been at the forefront for the plotting and recording markets.

Talking to Colin Gallimore, Marketing Director at Graphtec GB, we asked about Graphtec's long standing within the signage and cutting tool industry. Colin told us, "Graphtec GB plotter blades are among the most popular and widely used plotter blades in the market. They are designed to be compatible with Graphtec cutting plotters, which are well-known for their precision and accuracy in cutting various materials such as vinyl, cardstock, paper, fabric and more. Graphtec GB plotter blades come in a range of sizes and shapes, each designed for specific cutting applications.

When asked about what distinguishes their product from others on the market, particularly relating to quality and durability, Colin responded, "our plotter blades are made from high-quality materials, the highly durable Super Steel material or Tungsten Carbide ensures that they are durable and long-lasting. The blades are designed to withstand the wear and tear of regular use, which means that you can use them for an extended period without needing to replace them."

### Different needs for different uses.

Within the signage industry, different substrates are needed to match the customer's requirements. We asked what blades are used for different substrates. Responding to this, Colin says "The Graphtec GB plotter blades come in a range of sizes and shapes to suit different cutting applications. The most common sizes are 30 degrees, 45 degrees and 60 degrees. The 30-degree blade is used for cutting thin materials such as vinyl and paper. It can also be used for creating fine detail in designs. While the 45-degree blade is used for general cutting of materials such as cardstock, vinyl and thin plastics. The 60-degree blade is ideal for cutting thicker materials such as heavyduty vinyl, rubber and other materials that require a greater cutting force.

Apart from the standard blades, Graphtec also offers speciality blades that are designed for specific applications. The CB15UA-K30 blade is designed for cutting thick, dense materials such as sandblast

stencil, textile, felt and cardboard while the CB15U blade is perfect for cutting thin materials such as film."

As in most cases with the rise of the digital age, there are other cheaper competitors on the market. Asking Colin what does Graphtec offer to their customers that is different from the competition, he tells us. "To complete the portfolio, Graphtec GB have their own economy range the Graphtec CB09-L 0.9mm Economy Blade, providing high-quality cutting solutions for budget-conscious customers and replaces the need to purchase cheaper 3rd party blades which may not have the same quality as a Graphtec branded product. The CB09-L 0.9mm Economy Blade is a top-quality cutting blade made from Supersteel designed to fit a wide range of Graphtec cutting plotters. The blade is engineered with the highest precision to deliver accurate and clean cuts on a variety of materials, including vinyl, cardstock, and more.'

### **Uses of Graphtec GB Plotter Blades**

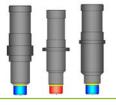
Graphtec GB plotter blades are designed for use with Graphtec cutting plotters, which are commonly used in the graphics, textile and sign-making industry. Graphtec GB blades are also ideal for making banners, decals, stickers, heat transfers and other similar products.

Well known for their precision and accuracy, Graphtec GB plotter blades are adept in cutting various materials. Sharpened to a precise angle, this ensures that they cut through materials cleanly and accurately, resulting in highquality cuts that are free of jagged edges and imperfections.

Having such a variety of choice in the Graphtec range, we wanted to know how a customer would know what is the right blade to use and how to make sure that their purchase is a good investment for their business. Colin responded to this by telling us. "Graphtec GB plotter blades are a good investment for anyone who needs a reliable and high-quality cutting blade. The range of blades available, their uses and the comprehensive Graphtec GB guide to fitting both the blade and the holder, is available on the Graphtec website ensuring that you get the best results from your cutting machine. The quality and durability of these blades, coupled with their precision and accuracy, make them a worthwhile investment for anyone who needs to cut materials regularly." With such a rich history of supplying plotter blades to the industry, Graphtec GB is a safe bet for your plotter blade requirements.

www.graphtecgb.co.uk/blades/





# Edward Mathias & Co. - The right tool, first time around

Edward Mathias & co. was established in 1987. Harry Davies, Managing Director of the company is a paragon of information and knowledge about all thing's cutter-blades. It is a knowledge that in many ways has ingrained itself in the repertoire of the company. Yes, they manufacture and sell quality products to their customers, but it is the customer support that is their real selling point. The quintessence of no-nonsense material; you need to know something, and you will find out.

In discussion with Harry Davies, we asked what type of enquiry suppliers and manufacturers face. Harry regales us with a snippet of a particular encounter with a customer, "When people call us about a cutting problem, they usually assume it is blade or plotter related but it very rarely is. The most amusing call we have ever had was from a very angry man who claimed his plotter was spelling signs incorrectly because we had supplied a dyslexic blade. He felt rather foolish when we told him that a blade could not be dyslexic but his new (and untrained) machine operator could!" And this is very much in touch with the information you receive - Do it the right way, and it will work.

This goes very much the same way about their products. Edward & Mathias manufacture and supply smart knives. In Harry's words, "Our most popular products are our Smart Knives, not because the blades they contain are any better than the 'ordinary', 'standard' or 'original' blades we also manufacture, but

because the blades are pre-set in their own blade holders, they are easier to use and therefore less likely to be used or set incorrectly." As the blades are pre-made, ready for immediate use, this takes away the time needed to configure the blade or fiddle with springs. The only recommendation is to test cut using low pressure to establish the perfect depth.

In a similar vein to the personal approach of how Edward & Mathias sell their products to their customers is via their website for router cutters. Unlike most other distributors of cutting tools, Edward Mathias want to understand your needs before selling you the product. In a simple format the To supply the appropriate cutter we need to know:-

The DIAMETER of the cutter you require. The DEPTH to which you need to cut. The MATERIAL you wish to cut.

For some Sign companies, this may be a straightforward scenario, however, for others who are looking to expand their potential but don't know the right tool, Edward & Mathias are only a phone call away.

### Face to face technical support.

Harry directed me toward their info. & technical support page. Within these support pages, there is a liturgy of information, all categorised into specific criteria. Pulling a reference from their technical support, we can see their level of detail their support page offers. "Magnetism can attract dust and fine metal

particles into the angular contact bearing (sometimes called pivot bearings) inside the holder and cause it to clog. When the bearing clogs it creates resistance to the rotation of the blade which may then try to cut sideways or backwards causing turned up corners and vinyl rips." This is simple enough information, but essential for a signage business that is having issues with their plotter. This is what Edward & Mathias offer to their customer, they offer full and honest advice online, and encourage you to call them.

Edward & Mathias are also an official distributor of Signage Software. Whilst they stipulate that their help & support is not a substitute for proper training, however their customer support level is second to none. Harry tells us, "With most software packages to obtain help and support, users need to play text message tennis or email ping pong with a computer in a far distant country which can give stock answers to standard questions but can rarely understand or answer YOUR question.

(Artificial intelligence is not always as "intelligent" as some people like to believe). Support is important so the software we most frequently supply is SignLab. because when users need help they can speak (yes! act ually speak!) to living breathing human beings from a company, based in the UK."

In a digital age of immediate purchases, Edward & Mathias are different in the way they operate. Yes, the intention is to sell a product, but they want to make sure you have the right product the first time.







# Textile Printing / Soft Signage

# R A Smart A new way of keeping the local tradition

Established 1972 by Ron Smart, R A Smart now has a rich heritage in the textile industry, stretching over five decades. The company's headquarters is based in Macclesfield, Cheshire. The town holds its own legacy within the textile market as it is said to have once been the largest producer of finished silk in the world. At one time there were around 70 mills in the town. Today R A Smart is the last local factory still practising the ancient art of weaving silk.

R A Smart is unusual as the company not only supplies cutting edge textile printing solutions, it also produces quality printed textiles for high-end fashion and home furnishing customers. In fact, the machinery side of the business wasn't founded until 1986 when Magnus Mighall joined the company to manufacture specialist short run textile printing equipment. Magnus was a trained lithographic printer who had served four years in the Royal Engineers printing maps for the military prior to joining Ron.

R A Smart Machinery built up a renowned reputation for the supply of bespoke print. Solutions were installed throughout the UK as well as further afield, building the foundations of a specialist network of customers and suppliers. This meant that, when digital print began to emerge, R A Smart already had a healthy number of customers who were eager to explore

the new technology and challenge the constraints of traditional print. The company has had long standing relationships with many textile equipment manufacturers — one of the longest of which is with Mimaki. R A Smart had installed machines from Mimaki at its own print facility before Hybrid became the UK Distributor.

The company has a wealth of experience and knowledge within its field, and this resonates through to its customers. Those who purchase equipment from R A Smart can do so with the understanding they will be supported by one of the most capable teams in the industry.

### **Popular Industry Choices**

Printer and ink chemistry depends on the customer's intended usage. It's sometimes the case that more than one solution is required to meet all the client's requirements and produce different product ranges. However, for a direct-to-textile solution that can meet most requests, the Mimaki TX300P-1800 is a popular machine. With the ability to be setup with several different ink chemistries, or in some cases multiple, the TX300 offers versatility. The new MKII version of the machine also comes with a vacuum platen, offering further flexibility and allowing users to print onto transfer sublimation paper.

Speaking of dye sublimation, R A Smart's exclusive range of HP Stitch printers have taken the market by storm since their announcement. Users can choose between 1.6m and 3.2m models, each utilising HP's ground-breaking thermal printhead technology. They are the first machines in the world to successfully use thermal technology to produce dye sublimation prints - which means users benefit from higher native resolutions and reduced downtime, as the heads can be changed by the operator. R A Smart are extremely proud to have partnered with HP as the exclusive distributor for the Stitch range of printers in the UK & Ireland.

### Keeping Up With Technology

Maintaining tradition isn't all R A Smart is known for though. The company is always actively seeking out the latest in print technology and trends for its customers. A recent example includes being one of the first established suppliers of DTF technology in the UK, partnering with a highly reputable machinery manufacturer to bring end users a reliable and tested turn-key solution.

R A Smart were also the first company in the UK to supply and install Mimaki's 3DUJ-2207 cutting-edge 3D print technology. The printer is capable of producing over 10,000,000 colours in 3D, revolutionising the industry and making full colour 3D print more accessible than ever before.

### **Looking To The Future**

Going forward, R A Smart continues to grow and adapt with the industry. The company has recently opened a Large Format division, bringing in industry expert, Adam Booth, as partner. The Large Format company focuses on the supply and support of industrial print equipment that's mainly geared towards the sign & graphics sector. The incorporation of the division has seen R A Smart expand its product portfolio to include industry leading manufacturers such as Fujifilm, Summa and Canon. These new partnerships have allowed R A Smart to promptly build upon its presence within the market, as the company aims to develop and evolve over the next 50 years.

www.rasmart.co.uk



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Perfect for cafés, pubs, bars, restaurants, beer gardens and outdoor seating areas.





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**ACCREDITATIONS & CERTIFICATIONS** 













# **Exhibitions**

# Sign China 2023: The leading trade fair for the global sign industry

The sign industry is evolving at a rapid pace, and the Sign China 2023 trade fair aims to provide a platform for businesses to showcase their products and services, network with industry peers, and keep up with the latest industry trends. Scheduled to take place from 4-6 September at the Shanghai New International Expo Centre, the event promises to be a highly anticipated gathering of sign industry professionals from around the world.

The Sign China trade fair has been held annually since 2003 and has become one of the most prominent events in the sign industry calendar. With over 2,000 exhibitors/brands from more than 30 countries and regions, the event offers a comprehensive range of solutions for signage, digital printing, and advertising.

The exhibition is expected to cover an area of more than  $60,000m^2$ , and visitors can expect to see the latest products and technologies from industry leaders. From LED displays and 3D signage to digital printing equipment and materials, the event provides a one-stop-shop for businesses looking to expand their product offerings and stay ahead of the curve.

Sign China 2023 is expected to attract a diverse range of attendees, including sign manufacturers, designers, distributors, and buyers. Whether you are looking to explore new products and technologies, network with industry peers, or gain valuable insights into the latest industry trends, this event is not to be missed.

### **LED CHINA**

LED China is the concurrent event of Sign China. Founded in 2005, it's the flagship event in the LED displays, digital signage industry, featuring the latest visual products and solutions. SIGN CHINA and LED CHINA complement each other, 2 shows together covering every aspect of tradition and digital signage. They formed a perfect all-in-one platform for most end-user markets, such as retails, supermarkets, malls, exhibitions, events, architectures, venues, stadiums, recreation, etc.

www.signchinashow.com



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2,000 Exhibitors | 6 Exhibition Halls

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### Statistics expected:

60,000 m<sup>2</sup> Exhibition space 80,000 Visitors 2,000 Exhibiting brands 6 Exhibition halls





# Sign and Digital UK brings face-to-face business back to the industry

Sign & Digital UK, which ran from 21 to 23 March, brought thousands back together to share information, network and, most importantly, do business. The positive experience for exhibitors has led to a record number rebooking already for next year's event.

Exhibitors across the hall, large and small, met and exceeded their targets for the event, and many said they took several orders on the stand. Event director, Jenny Matthew, said, "It was really encouraging to hear that so many of our exhibitors took orders during the show. Sign and Digital UK has always been known as a 'selling' show, and this year it certainly earned that label."

The visitor experience continues to improve, with more features and services introduced to help educate, inform and guide sign-makers attending the event. The Explains Lounge, run in conjunction with the ISA UK trade association, saw more than 30 people presenting or being part of expert panels over the three days, with many interesting and informative sessions standing room only. Craig Brown, CEO of ISA UK, said, "We had some really interesting sessions this year and this was reflected in the numbers of people coming to see them and also in the questions they asked. I certainly learned a lot, and the feedback I received suggests many others did too.'

Alongside the Explains Lounge was the Sign Surgery, which allowed visitors to spend time with individual members of the panels and the ISA directors to ask questions and receive advice. "As the trade association for the UK sign industry, it was so valuable to be able to spend time with sign-makers from across the country at the show. We had lots of great discussions, and we also did our best to answer questions and explore new ideas and initiatives," adds Craig.

The Sign Studio with Paul Hughes ran eight sessions a day demonstrating vinyl application onto walls and vehicles. This was hugely popular, drawing big crowds and very positive comments.

The Hexis Wrap Battle contest was hugely popular and ran throughout the show. The competition was incredibly stiff, with all the heats and finals drawing big crowds and encouraging their favourites. The final took place on the last day and

was won by Chris Hooper of Wrap Worx. Congratulations also to Oli Goodman of Wrap Capital, who came second and Aleksejs Kosarevs of AKtints Ltd, who came third.

Jenny Matthew concludes, "It felt like the industry was well and truly back and looking as healthy as ever. It is so encouraging for us to see how people respond to Sign and Digital UK. It is an important part of the industry's calendar and a great opportunity to get together, reconnect with old friends and do some great business. We spent a lot of time throughout the show talking to visitors and exhibitors about how to keep improving the experience, and we have lots of ideas for 2024. I would like to say a big thank you to all the exhibitors, visitors, partners and media supporters who came to the show, and we look forward to seeing you all again next year."

Sign & Digital UK returns to the NEC, Birmingham from 27-29 February 2024 and is free to attend for visitors.

#### **Exhibitor Feedback**

Feedback from exhibitors at the show reflected how lively the show floor was and the quality of visitors. Some comments include:

Duncan Jeffries, Head of Marketing, Hybrid Services (exclusive UK and Ireland Mimaki distributor), "It's great to be back at Sign and Digital UK again. It's the perfect opportunity for us to meet customers old and new, launch new products and engage with the industry. It's a great snapshot of our industry, allowing people to come and see products from a broad range of suppliers under one roof. There's nothing like seeing it live at an event, and that's what Sign and Digital gives us."

Sarah Winterbottom, Group Sales Director, Soyang Euope, "We've enjoyed some really good conversations on the stand throughout the show. We signed many orders on the stand and generated lots of potential opportunities. It's clear that many people who come to the show are seriously considering their next major investment and it's great to have the opportunity to spend face-to-face time with them."

Bryan Jater, Sales Director, Trotec, "We came to the show with an expectation of a number of leads that we would hopefully generate and we certainly achieved that. It's always great to talk to people about how their business has progressed and while we try and keep in touch with our customers as best we can through the year, SDUK is a great opportunity to see a lot of people in one go."

www.signuk.com



Star Wars characters from the Premier stand visiting the Hexis stand



# **Industry View**

# **Building a lasting legacy with Summa** cutting technology

John Draycott, Marketing Manager at ArtSystems explains how a proven, trusted and reliable brand within the cutting solutions segment, Summa has made a significant impact on the industry since launching in the early 1970s, supplying the market with innovative solutions on a regular basis.

Celebrating 50 years in business this year, Summa's technology has been rolled out by printers and sign-makers around the world, thanks in part to the manufacturer's worldwide network of approved partners, including ArtSystems in the UK.

But what has driven this success for Summa? What is it that the manufacturer does to ensure that its technology stands out in a busy market, and how is it planning to continue this development in the years ahead?

The F Series provides a comprehensive selection of cutting tables from the entry-level F1612 pictured, right up to the superb F3232, and provides an outstandingly reliable solution for any print finishing application.

#### **Quality and durability**

While Summa has remained true to its Belgian roots, innovating and manufacturing from a specialist facility in the country, at the same time the company has established new locations to further its development. A site in the US serves as the headquarters for Summa America, while its laser division is based at a facility in the UK.

What all three of these locations have in common is a commitment to quality and durability, which Summa has become known for over the years. Continuous research and product development has allowed Summa to build on its technology and react to demand by launching new

# products to help their customers grow.

#### **Creating value**

Summa strongly believes that the most effective way to develop new solutions that will create value for users is to listen to what customers are saying. Summa and its partners are constantly in contact to ensure they are supplying the market with the products they need to address the latest trends in the wider industry.

This approach can be seen in Summa's current product portfolio. The diverse range of vinyl cutters, flatbed cutters and laser cutters are testament to Summa's commitment to deliver the solutions that will be most effective for users, and ones that will allow them to grow as a business.



The Summa S One D60, is the latest entry-level range of roll fed cutters

#### **Teamwork**

At the heart of Summa's success is a sense of teamwork, not just among those who work directly for Summa, but also its



partners in regions around the world that share the manufacturer's ongoing desire to evolve its technology to meet changing market demands.

Each member of the Summa family cares about the customer and is committed to assisting them in any way they can. Whether it's help selecting a product, answering queries during installation, or offering advice on a machine that is already running, Summa is there to support the customer at every step.

www.artsystems.co.uk

# Analysing print's place in the modern retail market

Yucel Salih, Wide Format/DTG DTF Specialist at Ricoh UK Limited explains how despite the influx of and increased use of digital technologies in the retail sector, print remains a popular choice among brands and marketers as a way of capturing the attention of consumers as they browse the shelves in supermarkets and high street stores.

This is all the more important in a market that is being impacted by much wider issues, primarily the economic situation that is placing a great amount of stress on almost all businesses. With consumers cutting back on certain products, this greatly impacts their buying behaviour and brands are having to respond to ensure their products stand out and remain at the forefront of consumers' minds at this difficult time.

The BPIF, in collaboration with Ricoh, recently hosted a dedicated webinar on the subject, inviting specialists from both the print market and the retail sector to speak about the role that print can play in driving sales within retail and helping brands capture attention.

Titled 'Display and POS - How do we make an impact in retail', the webinar set out a number of key considerations for print service providers (PSPs) as to how they can not only help their customers succeed, but also grow their own businesses at a time of great economic uncertainty.

#### **Buying habits**

With consumers changing the way they shop due to the higher cost of living, this could lead to PSPs altering their own strategies. Olga Munroe, Head of the Retail Institute at Leeds Beckett University, said consumers are likely to look at cheaper, own-brand products during times of economic struggle, with the pressure on well-known brands to cut their own prices to retain sales.

As such, in-store promotions, much of which is print-based, will draw attention to these special offers, which in turn will help brands keep hold of customers. This will also lead to more impulse buying as consumers look to take advantage of offers while they are there, but the key to this is to ensure the brand is doing enough promotional work to make customers aware.

Then there is consideration of the types of products that will be popular during harder times. While consumers may cut back on certain luxuries, there are categories where they will not compromise such as personal care, children's accessories, soft drinks confectionary and alcohol.

Printers may want to focus on working with these well-known brands as they show resilience and may even grow during a recession, which will benefit their own business in the longer run. It may also be worth looking at growth areas such as tourism and recruitment to see how print can help.

#### **Sustainability factors**

Another way brands are drawing attention to their products and services is by making a noise about their own commitment to sustainability. Protecting the planet is a hot topic for many consumers and they are much more likely to buy from a brand that shares these green values.

'Sustainability' has been a buzzword in print for a number of years now and many PSPs will already be working with brands on this, but perhaps the key thing is to speak with more clients and potential customers about the benefits of this approach and how you, as a printer, can help to improve their own image.

When it comes to retail-specific considerations in this area, there is plenty to look at. The plastic packaging tax will have an impact on many brands, as will new consumer regulations that require businesses to meet certain environmental criteria

While there remains a great deal of uncertainty as to what 'sustainability' actually means, and a lack of clarification from governments over what specific targets businesses need to reach in order to be considered as being sustainable, one thing for certain is that print as a media can help retailers and brands in the long run.

The shift towards recyclability, reusability and reduction within retail can be supported with printed media. For example, when speaking about point-of-sale (POS), it would be much more sustainable for a retailer to simply replace the printed graphics on a structure rather than dispose of the entire piece when the campaign had finished.

This can also be said for the types of materials used to print; by working with media that can be recycled properly will further improve the environmental credentials of both your own business and that of your customers.

Of course, none of this can be achieved alone and requires a lot of cooperation among members of the industry. PSPs need to speak with their customers about how they can support them with their green goals, while manufacturers should do more to promote what is possible with print when it comes to marketing within the retail sector.

www.ricoh.co.uk





# **SIGN** News

# Macroart deliver sustainability in the real world of exhibitions

Leading wide-format print, graphics, and branding specialist MacroArt helped a series of clients enhance their sustainability impact at the ICE gaming event at ExCel London in February, with over 1500m2 of graphics removed from potential landfill disposal.

All clients sourcing graphics from MacroArt at the event were provided with a full turnkey print, install, dismantle and takeback service for their stand graphic prints, ensuring that all materials were captured and brought back for recycling correctly.

Analysis of the data after the event showed that the 1500m2 of graphics materials collected, graded, and processed into suitable audited waste streams by MacroArt's dedicated Sustainability Team, all removed from potential landfill disposal.

Although complex in the planning, the Sustainability Team developed effective processes on site to minimise impact for their client whilst maximising the quantity of materials reclaimed, resulting in a trouble-free operation.

Matt Guise, MacroArt's Sales Director, was delighted with the success of the initiative: "As the first of what we hope will be many turnkey projects, it was rewarding to see both how smoothly everything went and how much material we were able to redirect to our audited waste streams.

"Our experience at ICE has clearly shown that making a significant reduction in waste at large-scale shows is more than achievable, and we are now focusing on delivering and improving this service at future events. By providing this for both individual clients, and large scale shows with multiple clients, we are once again proving our commitment to offering the most sustainable options for graphic production."

MacroArt's clients at the show were pleased with the positive outcome, with the business showing that attending



The MacroArt team collected and sorted materials for recycling from ICE

exhibitions and events can be achieved with a much-reduced environmental impact. Focus is now on offering the service at future shows as the company continues to deliver on its Sustainability Strategy.

More information of MacroArt's sustainability initiatives can be found at:

www.macroart.co.uk/sustainability

# QPS expands LED UV flatbed printer range with new ColorJet Verve Mini

Quality Print Services (QPS), the onestop-shop for the wide-format print market, is delighted to announce the availability of the new ColorJet Verve Mini small-format LED UV flatbed printer.

The ideal solution for the production of bespoke promotional merchandise, the ColorJet Verve Mini features a bed size of 1,050mm x 1,650mm, opening up its use for a wide range of applications.

Offering users CMYK plus white and varnish, the new printer can handle substrates up to 65mm thick, including foam board, acrylic, MDF, glass, tiles, cut sheets, leatherette, foil, corrugated paper and more.

With best-in-class automation, a top printing speed of 60sq ft/hr and its compact size, the Verve Mini is the ideal choice for print service providers with limited floor space who are looking to enter new markets.

The new **ColorJet Verve Mini** is the ideal small-format LED UV flatbed for the production of bespoke promotional merchandise, offering users CMYK plus white and varnish.

"We're excited to be able to offer our customers the competitively priced ColorJet Verve Mini, which, in our opinion, is among the best small-format LED UV flatbed printers available in the UK market at present," QPS Managing Director Chris Bailey said.

"With its flexibility to handle all kinds of materials, along with fast print speeds and a small footprint, the ColorJet Verve Mini is the ideal solution for those companies looking to expand their presence in busy and profitable markets.

"The Verve Mini joins ten other UV printers making the ColorJet UV range one of the

most comprehensive in the market. This includes dedicated flatbeds capable of printing 2 x 8'x4' boards at the same time, space saving Hybrid printers up to 3.2m wide and dedicated roll to roll printers up to 5m wide. There's something for everyone!"

The full range of ColorJet printers is available with immediate effect from QPS, with support being offered to customers across all areas of the UK.

www.qualityprintservices.com.





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# **SIGN** News

# Dufaylite becomes carbon neutral and FSC certified

As the world is focused on climate change on a global scale, sustainable manufacturer Dufaylite has fully committed to cutting its own carbon footprint, after becoming a Carbon Neutral Business and achieving FSC status, marking a great start to the year.

The partnership with (TAG) Carbon Neutral Britain, will see the manufacturer measure and offset its carbon footprint, in a continual commitment to the environment.

The FSC (Forest Stewardship Council) forest management certification supports Dufaylite's commitment to responsible forestry and makes them the only honeycomb producer in the UK to achieve the status



Example of Dafaylite Ultraboard in use.

These accolades further underpin Dufaylite's commitment to the environment and comes hot on the heels of them becoming the only honeycomb provider in the world to have secured the AA BRCGS Global Food Safety Standard in 2022.

Ashley Moscrop, Managing Director of Dufaylite, commented; "I am delighted to have started the year so positively. We are now officially and purposefully making the decision and commitment to the environment as a business and promise to offset all carbon emissions ongoing. Our journey to being Carbon Neutral and own our carbon agenda has just begun.

"As a business we didn't feel it was enough to just manufacture a product that is sustainable, we are fully committed to the environment and reducing our overall impact in every way possible. Looking ahead, we will continue to evolve, and our next commitment is to switch to renewable energy sources by the end of 2023."

Further complimenting Dufaylite's environmentally led approach is its partnership with Premier who act as exclusive distribution partner for Ultra Board in the UK. Premier runs a Carbon Capture® programme which allows clients



Managing Directory, Ashley Moscrop

to mitigate the CO<sub>2</sub> emissions from the production and distribution of paper and materials purchased. As part of this, Ultra Board now has Carbon Capture® included and any sales of the substrate will support the work of the Woodland Trust, the UK's leading woodland conservation charity.

www.dufaylite.com

# **TECHSiL** acquire Eurobond Adhesives

TECHSiL are delighted to announce the acquisition of Eurobond Adhesives, as of March 23rd 2023.

TECHSiL was founded in 1989 and acquired by Diploma PLC in 2021 with an emphasis on added value distribution. TECHSiL supply an exhaustive range of technical & high performance adhesives, silicones, tapes, O-rings and seals into industries such as Automotive, Aerospace, Defence, Electronics, and other manufacturing companies. TECHSiL follow a problem solving engineering and design led approach, with outstanding customer service at the heart of everything they do. TECHSiL represent some of the biggest brands such as Momentive, Loctite, Trelleborg, Power HotMelts, PermaBond, Panacol, ITW, Stokvis, 3M, amongst many.





Simon Dearing, EuroBond MD (left) and Chris Dilley, Techsil MD (right).



#### Why Eurobond?

Established in 1984, Eurobond Adhesives are suppliers of high performance adhesives, tapes, sealants, coatings and UV light systems under the Penloc & Vitralit brands. TECHSiL and Eurobond share similar values, business models and end-markets making them a great strategic and cultural fit, focusing on delivering outstanding customer service alongside an excellent product proposition.

#### **Other Acquisitions**

TECHSiL are acquisitive and Eurobond Adhesives became our 5th acquisition, after Fospat Ltd, M-Tec Ltd, GlueLine Ltd and Silicone Solutions in 2022.

www.eurobond-adhesives.co.uk www.techsil.co.uk

# Soyang Europe opens up new demonstration facility to customers

The new facility at Soyang Europe's
Accrington site will constantly run as an
open house, allowing customers from
across the UK to view a wide range
of hardware and material solutions
whenever suits

Soyang Europe, a leading manufacturer and distributor of digitally printable wide-format and superwide-format media and surface coverings, and – through its acquisition of Josero – a supplier of leading edge wide and superwide format print production hardware solutions, is delighted to announce the opening of its new, dedicated demonstration facility.

Based at Soyang Europe's headquarters in Accrington, the new site houses a range of printing equipment, sewing machinery, flatbed printers, reel-fed printers, routers and cutters, all of which

will be available for live demonstrations during visits.

The facility is unique in that it will run in the style of a print house, with solutions ranging from narrow width machines up to 5m-wide printers, in addition to finishing equipment to complement this hardware.

Among the many solutions on display is a brand-new Fujifilm Acuity Ultra R2 5m-wide printer. Last year, Soyang Europe agreed a partnership to sell the market-leading printer in the UK market and visitors can now view the machine up close.

Soyang will be running its wide range of specialist materials on all the printers in-house, allowing visitors to see for themselves the quality of these solutions and how they perform in a print house environment.

The new Soyang Europe site is open daily for customers to visit, offering unmatched levels of flexibility and access to those interested in learning more about hardware and material solutions for use across a host of markets.

"If you come to Soyang, it's not just a normal demo site where you'll just go and see machines; you'll see an actual facility with one and a half million square metres of material in it," Soyang Europe Managing Director Mark Mashiter said. "That shows how we support the industry in terms of stock levels. It's not just about machinery, it's about the media as well and, specifically, the right media for the right printer.

"We want to be different; the printers will be used all the time as we will be producing our own samples, so there will always be something running in the demo room."

The new space is being overseen by Gareth Newman, an experienced industry expert who joined Soyang Europe as Technical Applications Manager earlier this year. Gareth will be on hand to guide visitors through the many options available from Soyang Europe and the solutions that will best suit their requirements.

"Gareth has run a demo suite before in an applications department, so he's fully versed with running print equipment," Mark said. "Our aim is to be a 100% open house during business hours. So, if somebody said they want to come next week, we will be happy to welcome them."

To book your visit to the demonstration centre, email sales@soyang.co.uk



Among the many solutions on display is a brandnew Fujifilm Acuity Ultra R2 5m-wide printer





# **SIGN** News

# The Sign Awards celebrate success and announce expanded event for 2024

The signage industry has welcomed new event The Sign Awards with open arms, as attendees and sponsors alike hailed the inaugural event an overwhelming success.

The brand new contest saw over 100 submissions to 11 categories with the winners revealed at a glittering gala dinner on March 22nd at Birmingham Town Hall.



The organisers have said that following discussion with partners and entrants, the competition will be expanded to include a number of wrap focussed categories for the 2024 edition.

The aptly named Sign & Wrap Awards will see 5 new categories added covering individual printed vehicle wraps of both traditional vehicles and those more out of the ordinary, fleet work, full colour changes and architectural film projects.

Dan Tyler who founded the awards commented "We've been absolutely blown away by the response from the industry to our inaugural event. The energy inside the room on the night was incredible, and having just about caught up on sleep now, we're excited to do it all again!"

Discussing the expansion, he said "We added a printed vehicle wrap to sister event the UK Graphic Awards last year, collaborating with the guys at Amari ADAPT to do so. It proved incredibly popular. Having looked at the make-up of the entrants at both events, we've decided it makes sense to bring the wrap community together to celebrate their achievements with the signmakers, since there's lot of crossover there, and we can't wait to see them at the 2024 Sign & Wrap Awards"

The event will return to Birmingham for it's 2024 edition, with a date to be announced later this year.

To stay up to date and hear when entries open, register at signandwrapawards.com

# IPIA sets out to stimulate print economy in a room with a view

As part of its wider mission to energise the print industry, the IPIA will host its first physical event of the year; the Spring Networking Lunch, on June 14th, 2023.

The IPIA is committed to stimulating new economic activity for the sector, and that is why it develops a series of events throughout the year to bring together a cross section of printers, print buyers, suppliers, designers, marketing agencies and technology developers.



Charles Rogers, IPIA Chairman, is keen to encourage those who have never attended an IPIA networking event to come along

Matthew Ruff, Chair of the IPIA Events Subcommittee, comments: "Last year's event was a huge success, largely down to the structure of the event and providing the opportunity to meet new connections and share experiences of the market. Not only are our events great for meeting potential new clients, but they are also perfect for finding future collaborators and maintaining existing relationships."

The Spring Networking Lunch includes a glass of bubbly or two on arrival, a sumptuous French cuisine three course lunch – wine, beer, and soft drinks – and a networking introduction service.

The venue is the beautiful sky restaurant Orelle in Birmingham, which is just a five-minute walk from both Birmingham New Street and Snow Hill stations – situated in the buzz of the city centre. Sitting at the top of the city's tallest building, it offers incredible panoramic views.

Charles Rogers, IPIA Chairman, is keen to encourage those who have never attended an IPIA networking event to come along: "We recognise that everyone is busy, and choosing to take a day out of the business to attend networking events means the day must deliver a ROI. We endeavour to ensure that we know who is of interest

to those attending in advance of the lunch, and effect as many introductions as possible on the day, creating the opportunity for that ROI to become a reality.

"Everyone who attends an IPIA networking event is made to feel very welcome – so if you are new to us, rest assured you will be well looked after. We aim to make the event a positive investment of your time."

Welcome drinks commence at 12:00 and guests are seated for lunch at 13:00, and to maximise everyone's conversations, people move from table to table between courses. Guests will wrap up full, happy, and newly inspired at 16:30 – guests that are not pressed for time will normally continue the day at one of the fantastic venues nearby.

If you want to meet new people and grow your network, or simply catch up with some friendly faces in a great atmosphere, come and enjoy some of the finest networking available in our industry.

Tickets are now available online at: ipia. org.uk/snl23, members tickets are £114\* and non-members tickets are £176 (\*prices include VAT).

# YPS becomes reseller for Agfa's Anapurna

Your Print Specialists (YPS), based in Newcastle, has become the latest customer of Agfa UK. A partnership that will see them add the Agfa Anapurna engine and associated software and consumables to their portfolio of print brands.

Established in 2009, YPS is a print supplies reseller within the Screen, Litho and Digital Wide Format print market. They supply hardware, software, and consumables for many brands including Mimaki, Roland and Epson, and they service customers nationwide. They are particularly strong in the North of England where they are based and have built long standing relationships with many independent printers. A team of 14 staff

at YPS support their customers with a proactive service of supply, extended warranty packages, and with a team of in-house engineers, service work can be carried out too.

Georgia Brown, MD of YPS said of this latest development: "We are really excited about this new partnership with Agfa. This move to add the Agfa Anapurna brand to our portfolio is a natural expansion to our product range, as it provides a choice of wide format options and fills a price gap in our current offering. We will be supplying the Agfa Anapurna print engine range plus the inks and the Asanti workflow."

The wide-format hybrid Agfa Anapurna LED series is perfect for sign shops, digital printers photo labs and mid-sized graphic screen printers that want to combine board and roll-to-roll print jobs. The engine options print from 1650mm up to 3200mm in width and combine high quality with fast productivity for outdoor and indoor, rigid and flexible wide-format jobs. The white ink function creates possibilities for printing on transparent material for backlit applications or for printing white as a spot colour. An optional automatic board feeder helps increase productivity too. The engines are fitted with air-cooled UV LED lights to save energy, costs, and time. The Agfa thin ink layer technology ensures the lowest ink consumption in the market and the engines are powered by the Agfa Asanti workflow software.

"I have known the team at YPS for many years and we are delighted to now have them on board as a reseller of our popular Anapurna range." Said Paul Fitch, Head of Inkjet at Agfa UK & Ireland. "It's a great fit for our business, they have a loyal customer base who appreciate the independent technical advice that YPS give on the best print solution for their business."

www.yourprintspecialists.co.uk



# YPS to resell iEcho digital cutting tables

Your Print Specialists Ltd (YPS) has announced a new partnership with Sabur Digital to resell the iEcho range of digital cutting tables in the UK. The relationship will mean that YPS adds a high-quality and great value finishing machine to its comprehensive range of large format printing solutions.

Sabur Digital is the UK distributor for the iEcho range of digital flatbed cutting systems. Georgia Brown, Managing Director of YPS, says, "The iEcho machines are built to very high production standards that compare favourably with other machines in the market but at a considerably lower price point. This very much fits our strategy to deliver quality products at great value for our customers."

Dan Jeffries, Business Development Manager at Sabur Digital, says, "YPS is an ideal company for us to partner with to help increase the exposure of iEcho in the market, as well as promote additional sales. They have a superb reputation for great products, service and value, and we are very happy to be working with them to bring this exciting range of digital cutting tables to the UK market."

Earlier this year, YPS visited Sabur to see the iEcho in action and the team was hugely impressed, "We were blown away by the quality of the iEcho and also the infrastructure behind," adds Georgia. "We could see that the technology and build quality were equal to the more recognised market leaders, but with a significantly reduced cost. We could see the massive benefits in terms of quality and price that we could bring to our customers, particularly in the current economic climate."

There are already more than 50 iEcho machines already installed in the UK. Together, Sabur Digital and YPS will provide full UK onsite warranty, with parts held in stock in the UK. The two companies are developing a close partnership to help both companies

raise awareness of the iEcho brand and further increase sales in the UK. Georgia continues, "Roll-fed cutters still have a strong grasp of the digital roll market. However, the use of flatbed printing is rapidly increasing, and this is driving the demand for good and affordable flatbed digital cutting. We are very confident that with iEcho's build quality and affordability, our customers will certainly see the benefit of investing in this technology alongside their flatbed printers."

Georgia Brown concludes, "This deal is similar to our adoption of the EWS flatbed applicator table, which we believe to be as good, if not better, than any similar machine on the market."

www.yourprintspecialists.co.uk



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www.signupdate.co.uk/fs

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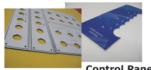
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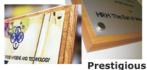




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Tel: 01384 276400 sales@rblimited.co.uk www.rightonblackburns.co.uk UK distributor of Polycasa Crylux Cast & Crylon extruded sheet acrylic. Available in a wide range of clear, opals, colours and special finishes. Also stocked: Alucobest aluminium composite sheet, Marlon solid polycarbonate, PET-G, SAN, polystyrene, hygienic cladding, rigid PVC and fixing accessories, sign post systems, aluminium sheet and extrusions.

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Bespoke Manufacturing specialise in a wide range of Braille and Tactile signage. We've been trading for over 20 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.

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

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Tel: 0151 4862 821 kim@photocast.co.uk www.photocast.co.uk Photocast Products Ltd is a Liverpool based designer and specialist manufacturer of etched zinc and cast bronze interpretive, decorative, architectural plaques and signage for both internal and external usages, alongside aluminium, bronze and zinc memorial plaques that can include photographs, clip arts and motifs as well as personalised messages and wording

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Road, Earlstrees Ind Estate, Corby NN17 4LS Tel: 01536 203813 sales@tradeetching.com

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