

Kitchen Maker

Winter 2018

Online



IDEAS FOR RED HOT KITCHENS

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WOODWORKING MACHINERY

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RED HOT KITCHENS

RED is an ideal colour for kitchens thanks to its ability to enliven a work space. Here we look at different ways that a red hot kitchen can create a feeling of warmth, at the same time as spicing up the space.

Cherry-red lacquer cabinets create a contemporary vibe in a small kitchen. Reflective surfaces will send light bouncing around the space. As a colour choice, red works extremely well with grey, especially when combined with grey concrete countertops and flooring.

One piece of boldly coloured furniture can totally transform the look of an entire kitchen. White cabinets provide a peaceful perimeter that positively begs for a vibrant pick-me-up. A custom-built island finished in red will stand out as a stunning centerpiece that invigorates the workspace.

Muted maroons, farmhouse red and burgundy tones can be used to successfully furnish both traditional and country kitchen designs in a totally sophisticated manner.

Try balancing deep chrome with natural wood finishes, a colourful backsplash and cheerful fabrics. Choose copper taps and fixtures instead of chrome, or nickel to avoid disrupting the refined rhythms of a deep red kitchen.

Sometimes all you need is a small splash of red to amplify a kitchen's sense of intrinsic warmth. A row of pendant lights in a red tone will immediately lift a more subtle palette of less brightly coloured cabinets, introducing an unexpected splash of colour – perhaps situated immediately above a marble-topped island. Highlighted by a white tiled backsplash, the red shades can provide a refreshing lift.

You can choose bold reds with daring orange undertones to instantly turn up the heat in an all-white kitchen. Boost the room's temperature by pairing bright colours with naturally finished butcher-block countertops and hand-woven window fabrics in neutral colours.

Red really stands out when paired with white cabinets and black work surfaces. Red can also be partnered with a dark green island to create a truly stunning look.

Vibrant reds can provide noteworthy punctuation points, which







show up especially well against patterned walls and ebony cabinet finishes.

Try introducing red in a meaningful manner by using it to define different working areas, to brighten a dark corner, or to revive tired furnishings. A kitchen island in tomato-red finish dramatically makes its presence felt, visually dividing the preparation station from surrounding cabinetry.

Incorporate scarlet-red cabinets into your kitchen design to create a clean, contemporary look. Red finishes captivate the eye and melt the icy chill of sleek polished surfaces. Opt for open shelves instead of upper cabinets to rein in red's impact and keep the dazzling hue from overpowering a galley-style kitchen.

Another useful idea is to incorporate contemporary colour combinations to elevate old-world kitchen designs. Other touches of crimson, such as red barstools, or even the simple addition of bright red coloured accessories provide the necessary uplift and bring a plain coloured kitchen to life – even just adding a few red bowls displayed in a glass-fronted upper cabinet focus the attention on this vibrant colour choice.

If you do not feel sufficiently adventurous to commit to walls or cabinets in red, add the colour in small splashes around the room through the use of red coloured utensils and accessories.

For a stylish retro-look kitchen red plates and dishes dotted with bold, white polka-dot dishes and red-print fabrics used as window treatments can make a bold statement, which is easy on the pocket and does not require the replacement of kitchen cabinets.

If you have appliances such as an electric kettle, a toaster or a coffee machine which have become a bit tired and dated, replace them with bright red ones. They will immediately uplift the appearance of your worktops.

Traditional cabinetry with crown mouldings and full inset doors and drawers can take on a bright, new, sophisticated look when mixed with barn-red surfaces. Dark red cabinets add warmth, whilst the inclusion of a black island will certainly add a dramatic centrepiece.



*MFC co-ordination: Egger U763 ST9 Pearl Grey
Renolit Alkoren White Grey Suedette Matt (47024)*

RENOLIT'S NEW 3D THERMO-FORMABLE GREYS FOR YOUR NEW KITCHEN DESIGN

RENOLIT Cramlington is now offering 19 Renolit Alkoren Suedette Matt colours, with the addition of four distinctly different greys to its market-leading stock range of 3D thermo-formable films.

As matt surface finishes continue to increase in popularity and demand remains a strong market trend, greys also continue to dominate.

Within the grey colour zone, the four new colours include both light and dark shades to complement the existing



*MFC co-ordination: Egger U960 ST9 Onyx Grey
Renolit Alkoren Pearl Grey Suedette Matt (47025)*

range of commercially-attractive colours, combined with a desirable high-performing superior matt surface finish.

All 19 Suedette Matt colours have matching Egger MFC boards.

Renolit Alkoren Clay Grey Suedette Matt (47021)

Clay Grey Suedette Matt creates a sophisticated muted tone, which works well with White Craft Oak 1. Alternatively, add some sparkle and contrast with High Gloss Anthracite Metallic.

**MFC co-ordination:
Egger U201 ST9
Pebble Grey**

**Renolit Alkoren
Onyx Grey Suedette
Matt (47022)**

Onyx Grey Suedette Matt is a versatile colour which creates a sultry atmosphere with its darker character. Add rich tones with Dried Date Suedette Matt, add urban chic with Chicago Concrete 1, or add a modern design element and depth with Fleetwood Lava.

MFC co-ordination: Egger U960 ST9 Onyx Grey**Renolit Alkoren Pearl Grey Suedette Matt (47025)**

Pearl Grey Suedette Matt is a modern light grey. For a trendy, fresh look, it can be combined with Peak Yellow Supermatt, or mixed with Silver Liberty Elm 19 to add an imaginative style statement.

MFC co-ordination: Egger U763 ST9 Pearl Grey**Renolit Alkoren White Grey Suedette Matt (47024)**

White Grey Suedette Matt is a light, only-just grey shade. To create a fresh and bright interior, it can be mixed with Fern and combined with the latest EIR (emboss in register) designs, such as ENDgrain Delight or ENDgrain White.

MFC co-ordination: Egger U775 ST9 White Grey**Great combination of aesthetics and performance**

Suedette Matt is a super-fine texture with a low gloss aesthetic. The surface benefits from high scratch and mark resistance, as well as offering impressive stain resistance against all major foodstuffs (independently tested).

Finished performance testing of the Suedette Matt products has been completed by FIRA, satisfying the requirements for the assessment of domestic kitchen worktops, doors and other panel elements as specified in BS6222 Part 3 (1999).

Want to find out more? Visit www.renolit.com



Renolit Alkoren Clay Grey Suedette Matt (47021)



KITCHEN MANUFACTURER GOING FROM STRENGTH TO STRENGTH WITH BIESSE

WHAT is the mantra that is always drummed into every business person, especially those involved in capital equipment sales?

It's all about the long term relationships that are the key to building future business. It's a massively influencing factor in winning new customers, as well as maintaining existing clients.

When that association extends to more than 25 years, it transcends the usual person to person relationship and becomes a company to company alliance based on mutual trust and values.

Managing director of Richmond Cabinets, Gary Tootell reflects those principles in his own business.

'We purchased our first Biesse machine in the mid-1970s. It was a second-hand drilling machine and we operated it for over 30 years. Biesse is renowned for drilling machines and, as they grew, we grew with them,' says Mr Tootell.

Since those early days, Richmond Cabinets has acquired several Biesse solutions, including one of the first "Insider" drilling and assembly lines to be installed in the UK.

By way of background, the Richmond Cabinet Company Ltd is an established, privately owned family business renowned for the quality of its superior kitchens.

Since its establishment in 1987, with roots dating back to the mid 1940s, Richmond has developed a solid reputation as a provider to the specific needs of the contract kitchen market, supplying specialist ranges for the public housing sector, private developer market and trade merchants.



'As far as we are concerned, the key to our success is flexibility,' explains Gary Tootell.

'Our business has gone through several transformations over the past 40 years or so. Like most people, we've had a "roller coaster ride".

'The critical thing now is to be able to provide our customers with as much product diversity as possible in an efficient and timely manner.'

'Most of what we do is relationship based and we understand the value of those personal associations with our suppliers.'

'We purchased our first Biesse Selco saw in 1997 and it is still in operation today. Its acquisition was shortly followed by a Selco angle plant and, latterly, a Rover B nesting cell.'

'Now we have a full capability. We can cut, edge and drill for high volume production runs, as well as nest for small to medium-sized production runs,' says Gary.

Factory manager, James Blackburn also explains that the purchase of a Skipper 130 throughfeed NC boring machine has had a remarkable impact on the business.

'We now drill to order,' enthuses James.

'We have improved our efficiency enormously by reducing our stock levels, whilst maintaining high levels of customer service with short lead times,' he adds.

'We can manufacture 35,000 panels/week, as well as 1,500 flat pack and 2,500 assembled units. Biesse's optimisation software has also helped us to reduce material waste, both on the nesting





cell and the beam saws, but the main benefit is the flexibility which the machines give us.

'The reasons why we chose to stay with Biesse are many and varied. Nothing is ever perfect, but the sign of good service is how fast things are fixed when they go wrong. Biesse has always delivered in that respect.'

'It's also about the people and culture. Biesse go that extra mile and listen to what we want and then help us to achieve it.'

'They even modified a machine to make it do exactly what we wanted. This has definitely influenced our production techniques.'

'We are a medium-sized business and any investment we make needs to be justified and it needs to demonstrate good value for money.'

'We have confidence in Biesse's machines. In recent years, this confidence has been further enhanced by Biesse's five-year warranty and service package.'

'We bought our first new machine in 1995. This was the Biesse Techno boring and drilling insertion machine and we have expanded this to include cutting and routing.'

'As a business we've been through a few "ups and downs", but the Biesse team has been with us every inch of the way.'

'They are reliable and totally dependable, giving us the business confidence which helps us in a highly competitive market,' he concludes.

Want to find out more?
Visit www.biesse.com



THE W EXHIBITION & ELEMENTS 2018: THE REVIEW

SHOW
REPORT

WITH over 9,200 visitors in attendance at W18 & Elements, this represented a 4 per cent increase in visitors compared with the figures for 2016.

There were over 250 exhibitors and 2018's co-located shows saw a foot-print of over 20,000m² being utilised by stand holders. An increased number of overseas visitors was also reported.

With the biggest foot-print and the largest number of exhibitors to date, this year's W Exhibition and sister show, Elements, have been hailed as a huge success by visitors and exhibitors alike.

The increased number of people attending the UK's only woodworking machinery and materials exhibition, along with a large number of overseas visitors from Europe and further afield, has confirmed the show's status as being a must-attend event for the furniture design and manufacturing industry.

The four-day event, which will move to Halls 18, 19 and 20 in 2020, due to increased demand for stand space, saw a plethora of new machinery and products being introduced at the show,

This year, there was a distinct shift towards intelligent machinery, with new concepts being introduced for today's furniture manufacturing industry.

Italian machinery manufacturer, Biesse, focused on its automated, interconnected production concept "Automation". The Viet Opera R sanding system – one of several machines in the range designed to increase automation and overall equipment efficiency – also won an "Elements of Innovation Gold Award" at the show.

Felder's very latest H80 CNC nesting machine with fully automatic loading and unloading of up to 100 boards at a time and full nesting capabilities in three and four axes, made its debut at the show and proved popular with small-to medium-sized manufacturers.

SCM UK's Digital Hub and Maestro Digital Systems also drew in the crowds.

Live machinery demonstrations, interactive spray booths and virtual reality tours were also in abundance at the show, with exhibitors finding unique ways to promote their latest product offerings.

Competitions and daily challenges were also the order of the day for many with Quin Global UK's nail biting 'L12 Curve Challenge' proving a huge hit with visitors, as they attempted to make the tightest



'The show has been a great success for us this year and our decision to invest in a larger stand has been a good one,' says Biesse UK managing director, Steve Bulmer.



'The show has been brilliant for us. We have produced some fantastic leads - this is what we have come to expect from exhibiting at the W Exhibition,' says managing director of Felder UK, Matthew Applegarth.



'We are very pleased with the success our exhibitors have had at this year's event. It's also been great to see increased visitor numbers and a wider visitor audience,' says event director, Lisa Campagnola.

'We've also welcomed a larger number of overseas visitors, which is due in part to the number of European companies we've had join the exhibitor line-up this year,' she adds.

'We're also pleased to announce that both the W Exhibition and Elements will be moving to Halls 18, 19 and 20 in 2020 to make room for even more exhibitors. Re-booking has been phenomenal, with many companies increasing their stand size and many new companies wishing to exhibit.'

'I'd like to take this opportunity to thank everyone involved in the W Exhibition and Elements and I look forward to welcoming the industry again to the Birmingham NEC in 2020,' she concludes.

Here's what the W Exhibition and Elements exhibitors and visitors thought of the show:

Managing director, Felder UK Ltd, Matthew Applegarth:

'The show has been brilliant for us. We've sold almost every machine on our stand and at least two thirds of our showroom. We still have orders to work through and we have produced some fantastic leads - this is what we have come to expect from exhibiting at the W Exhibition.'

'Every year our stand is growing bigger, because the return is there for us. In 2016 our stand was 600m². We increased this by 50 per cent for 2018 and we have already provisionally booked over 1000m² for 2020,' says Mr Applegarth.

Managing director of Biesse UK, Steve Bulmer:

'The show has been a great success for us this year and

curve possible using their L12 adhesive on bendy plywood.'

There were also a number of interactive stands this year, as exhibitors set out to entice visitors to explore the latest innovations for themselves. From Blum's very own 'Blum Cinema' - complete with popcorn – which featured a movie on the company's training services, support software and assembly devices, to ArtiCAD's unique virtual reality tour, which transported you into a fully-equipped 3D kitchen in a bid to educate users on everything from the initial design to the construction of a kitchen, visitors were offered new and exciting ways to learn about the products on offer.

Visitors were also free to explore the exhibition's growing number of interactive zones, including The Education Zone, which was introduced to allow visitors one-on-one sessions with industry experts.

The Elements of Innovation Awards, gave visitors an opportunity to see the most ground-breaking products to enter the UK market up close.

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Managing director of Biesse UK, Steve Bulmer:

'The show has been a great success for us this year and

our decision to invest in a larger stand has been a good one. It's been our best show ever. We were also immensely proud to win the Elements of Innovation Award for our Viet Opera robotised sanding machine.

'We are also celebrating our 25th anniversary in the UK, so it's been great to see both new customers, as well as those that we have been working with since the UK subsidiary was founded,' says Mr Bulmer.

Managing director of Ferwood UK, John Wilson:

'The show has been good for us. We've constantly been talking to customers – including some of the biggest names in the UK – so the calibre of visitors has been very high indeed,' says Mr Wilson.

Managing director of SCM UK, Gabriele De Col:

'We've been really pleased with this year's show and the feed-back we've received from visitors. Demand to see our latest machines and new digital system in action has been very high. We now have to follow up on the success of the show,' says Mr De Col.

Managing director of TM Machinery Sales, Matt Pearce:

'The W Exhibition has always been an important event for us. The foot-fall on our stand has been continuously high throughout the show and the interest we've received on our range of Striebig vertical panel saws and ALKO dust extraction systems has been strong. We've already booked

our new stand space for the 2020 event,' says Mr Pearce.

What one visitor said:

Group operations manager of the Decorative Panels Group, Phil Dalton:

'Not only do we get to see some excellent new machinery coming to market, but the W Exhibition provided a great opportunity for us to network with our customers, suppliers and fellow industry professionals,' says Mr Dalton.

The W Exhibition and Elements 2020 will be taking place from September 27-30 September at the NEC, Birmingham.

Want to find out more? Visit www.wexhibition.co.uk.



HELP FOR HEROES RAISES MORE THAN £1,200 AT THE SHOW

THE W Exhibition and Elements official charity partner, Help for Heroes, has raised £1,217 at this year's leading woodworking machinery and materials show and dedicated furniture components show.

The charity, which offers support to



and donations from our amazing Band of Brother craftsmen, sales of desk tidy and tool boxes, together with raffles which took place at the show.

'We've also had a huge amount of support for our Phoenix House woodshed and we've received offers of new tools, equipment and financial support.'

'A special mention should also be given to Axminster Tools & Machinery for their loan of tools and lathes; Didac Training College and Trend for making and selling desk tidy and tool-boxes on behalf of Help for Heroes plus Masterwood UK for raffling off a wooden model of a dinosaur at the show,' says Mr Williams.

'When we talk about a "force for good" this is what we mean. Everyone really pulled out all the stops to ensure that Help for Heroes was extremely well represented. It really made our recovery team stand out and attracted visitors,' concludes Mr Williams.

'It has been a great honour to have Help for Heroes as our official charity for a second consecutive show. It's been a privilege to meet some of the people whose hard work and dedication has made this happen and to be able to promote the amazing success stories that have come from the charity's wood workshops and recovery centres,' says event director for the W Exhibition and Elements, Lisa Campagnola.

'This is thanks to bucket collections

'To raise over £1,200 over four days

has been a great achievement and we're pleased to hear that more companies exhibiting and visiting the W Exhibition and Elements have now stepped forward to help the charity raise money in the future. A big thank you to all that took part,' she adds.

The W Exhibition and Elements 2020 will be taking place from September 27-30 2020 at the NEC, Birmingham. Put the date in your diary.

For further information please visit www.wexhibition.co.uk.



Masterwood GB sales director, Dave Kennard provided one of the dinosaurs made on a Masterwood nesting machine as a raffle prize – the Help for Heroes charity raised over £1200, which will help to fund much needed woodworking shops and recovery centres around the UK.

A DATE FOR YOUR DIARY

You really must put a date in your diary!

W20 TAKES PLACE FROM SEPTEMBER 27-30 2020.

If you are a previous exhibitor, or you're considering exhibiting for the first time, contact lisa.campagnola@montex.co.uk

Interesting in attending the show to view all the very latest technological innovations then be sure to block off those dates!

GOLD AWARD FOR BIESSE

LEADING woodworking machinery manufacturer, Biesse UK, has won the Elements of Innovation Gold Award for its unique Opera R sanding machine at this year's W Exhibition and Elements.

Part of the company's new "Automaction" concept, which brings automated, interconnected production manufacturing processes to the woodworking industry, the new Opera R has been designed to offer a greater sanding consistency and a higher continuity of output on flat panels and Shaker doors.

Controlled via a 15in touch screen, the new Opera R has succeeded in reproducing sanding processes that were previously only achievable through manual methods. This has resulted in the elimination of human error, reduced production costs and increased efficiency, leading to greater productivity.

'This machine is an industry first and we believe it will revolutionise the way the industry works. Automation has huge potential in the woodworking sector, but is yet to be fully utilised. We hope our machines will change this,' says product area manager for Biesse, Giacomo Mariotti.

'The Opera R sanding machine – partnered with a collaborative robot that offloads the doors – offers quality, safety and consistency during the sanding

process,' says Mr Mariotti, speaking on behalf of Biesse.

'It's simplified the cycle and, as a result, the return on investment is almost immediate. It's a versatile machine – it can be used as a stand-alone unit, or in a production line – and we have a number of options to accommodate a wide range of applications, including a model that features two robots and two conveyer belts to double productivity,' he adds.

'We're offering new solutions to the woodworking industry and it's fantastic to be recognised by our peers.'

'We are proud to be at the forefront of innovation and we will continue to create exceptional solutions that will benefit our customers and help them succeed,' he adds.

'Automation is an exciting area of growth in the woodworking industry and it is fascinating to see how this kind of technology can increase productivity and efficiencies in the sector. Biesse's innovative Opera R was a worthy winner,' says independent judge and course leader at Buckinghamshire New University, Paul Lighterness.

Opera R is the robotised sanding machine that is unique, offering levels of machinability, precision and quality never before obtained.

It offers the freedom to machine the panel "with the

grain" in any operation, increasing the number of contact points to produce ultra high quality surface finishes.

The new Opera R technology can machine elements with different levels, such as the inner side of profiles, five-part doors, rebates and window frames.

Control Force is a patented system, which is located inside the robotic unit and intelligently measures the amount of abrasive pressure which is being applied to the panel.

With every attention to detail, the Viet range of machines includes the E.S.S. system, which allows for energy savings of up to 30 per cent with regard to both electricity consumption and CO₂ emissions.

It represents a perfect combination of Biesse technology and Italian genius.

For further information tel Biesse on 01327 300266. Visit www.biesse.com.



Biesse's innovative Opera R was a worthy winner,' says independent judge and course leader at Buckinghamshire New University, Paul Lighterness.

The Opera R is one of the Viet range of machines, which represent a perfect combination of Biesse technology and Italian genius.





GOLD AWARD WINNER FOR ALPI'S FINISHED PANELS

ALPI's first finished panel collection has won a Gold Award at the Elements of Innovation Awards at this year's W Exhibition and Elements show.

Created to offer the design market a new and inspiring take on surface design, the leading decorative surfaces producer, known for its use of reconstituted wood veneer, has created the new 12-strong collection with the contract market in mind.

Designed to be an interior facing material, each panel features different grains, colours and depths to reflect the beauty of natural wood. They are also clad on both sides and can have a varnished, brushed or smooth finish.

'To win an Elements of Innovation Award is a great honour for our company. The whole team has worked hard to create this new collection. Every design within the range offers a unique and appealing aesthetic. We're confident that the market will respond positively to our latest designs and explore the possibilities they offer,' says Alpi SpA's Pier Luigi Corti.

'I chose Alpi because of the creative nature of the new collection. My background in wallpaper design has opened my eyes as to how spaces can be connected by patterns, surfaces and colour,' says independent judge and acting chief executive officer of the British Woodworking Federation, Helen Hewitt.

'I immediately migrated towards these designs, because of their unique colour range and vivid textures. I can clearly see this being used in the interiors and hotel sector. It's truly inspiring,' she adds.

'We live in a visual world and, to me, this product is visually striking. It stood out because of its contrasting colours and exciting patina. It's pushed the boundaries of design and that is what innovation is all about,' adds independent judge, Paul Lighterness.



Want to find out more? Visit www.alpiwood.com

HOLZ-HER TRIUMPHS WITH NEW TECHNOLOGY AT W18

AT W18 Holz-Her (a sister company of Weinig) - the high-quality panel processing machine specialist, showcased its latest technology and innovations aimed at panel processors, including the important kitchen manufacturing sector.

'W18 was a very successful show. We saw both existing customers and new ones considering their next production investment,' says managing director of Weinig UK's, Malcolm Cuthbertson.

Holz-Her's Nextec furniture solution was the show-stopper: a complete package comprising machine and specially designed craftsman-friendly software.

A few simple clicks and the push of a button and the Nextec creates and labels each component for your selected cabinet. Kitchen manufacturers can hit the ground running without programming; choosing from up to 300 cabinets from Nextec's intuitive Cabinet Select software. They can decide how many they want, select the material and connection hardware and be ready to go.

Modifying or customising any item in the library, or even adding your own cabinet is just as simple. The software is designed to enable people who are not skilled in programming to produce furniture - even an entire kitchen, easily and quickly and you can begin manufacture from the first day the machine arrives.

A key feature in making panel processing more efficient is Holz-Her's DirectCut. This laser-supported high-speed cutting can turn material remnants into valuable furniture components.

The optional two-line laser enables an operator to easily cut one-off pieces to your chosen size, without any programming.

Operating just like an automated panel saw, DirectCut gives genuine value to otherwise wasted off-cuts. DirectCut enables useful table saw functions, potentially saving precious floor space and costs.

Holz-Her's zero glue line solutions: without the hassle

From the smallest Holz-Her edge-bander to the largest production solution, each comes with Holz-Her's unique and award-winning Glu Jet system as standard, catering for every size and type of business.

Be it high gloss, or solid wood edging, the system is both flexible and versatile and comes with a three-year warranty, thus providing the perfect guarantee for glue line management.

This is industrial technology for all - you can now process PUR glue as standard, but without the hassle. As the benchmark for professional cabinet makers, most manufacturers would use PUR, but not all machinery can cope with it.

With the Glu Jet ready to use in under four minutes with EVA, or PUR, Holz-Her's unique system has proved time and time again that it is the right solution for any edge-banding requirements.

With the new Holz-Her Lumina series comes the option for the LTronic system - the laser edging unit from Holz-Her which is claimed to be unbeatable in terms of speed and cost efficiency.

The NIR (Near Infrared Radiation) module in Holz-Her's LTronic unit transfers

The new Holz-Her Lumina series comes with the option for the LTronic system - the laser edging unit from Holz-Her, which is claimed to be unbeatable in terms of speed and cost efficiency.



The Streamer 1052 edge-bander was one of the star attractions from Holz-Her.

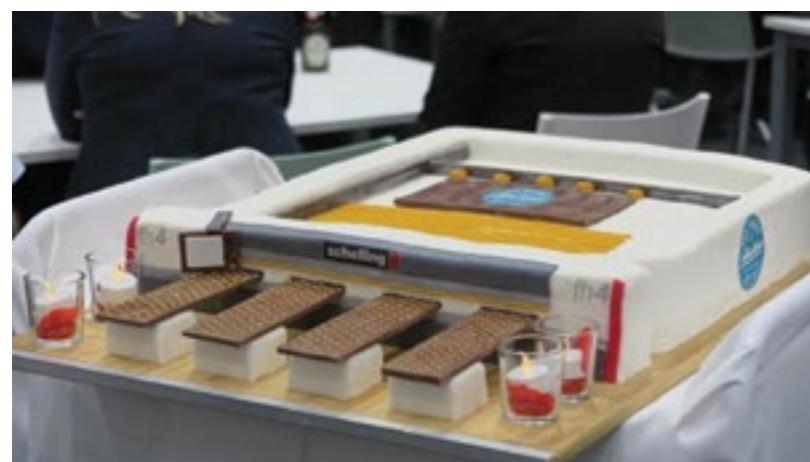


CELEBRATING WITH SCHELLING

ONE of the main attractions on the Schelling stand at W18 was the Austrian woodworking machinery manufacturer's fh4 cut-to-size panel saw.

The fh 4 cut-to-size saw is ideal both for those demanding craftsmanship and for the industrial production company. It combines the complete know-how and typical quality features of Schelling.

Schelling UK Ltd enjoyed yet another successful show at W18. The Schelling fh4 cut-to-size saw on show was displayed



alongside a Barbaric LCV feeding system, a Votec shredder with industrial inline magnet for metal detecting, ducting by Norduct and a filter by Modesta.

Visitors to the Schelling UK stand were left impressed by the Barbaric LCV feeding system, which displayed smooth, fast and easy feeding directly into the Schelling fh4 cut-to-size saw.

The Barbaric feeder demonstrated how it can load either single sheets in longitudinal, or head cut positions straight on to the roller table of the fh4, then push the book, or single sheet up against the aligners in the roller table before proceeding automatically with the cutting pattern.

The number of boards and their loading direction are easily selected from the cutting patterns created by Schelling HPO optimisation on the Schelling FH4 saw control of the machine.

The Barbaric LCV feeding system, which is renowned for offering custom-made systems built with simple yet high-quality components, also provided ample demonstration of the simple operation and the seamless linking to the Schelling software.

Other benefits of this system include low-space requirements for those with restricted space and physical relief on production workers, due to the automated nature of the feeder.

Schelling also showed off Votec's EZ 6/1 shredder, which is claimed to be unique in the industry, due to its exclusive features for veneer shredding.

Special features of the Votec EZ 6/1 include:

- Segmented floors.
- Special cutting knives.
- Veneer adapted rotor speeds.
- A special screen for veneer shredding.

The main feature on the Schelling UK stand was the demonstration of the Schelling fh4 cut-to-size saw. As with all of Schelling equipment, it maintains the highest precision possible over the entire service life, plus it has what is claimed to be the highest level of automation in its class.

At W18 Schelling was proud to show off how this saw offers maximum precision, coupled with speed and flexibility to process cuts of both individual and multiple panels.

Visitors to the stand watched the impressive demonstration of the saw's varied automatic settings and automatically monitored functions, and were shown a few of the special features of the saw with autospeed and the double side aligner/dual strip aligner.

The dual strip aligners (one before and one after the saw line) remain on the material during the cut to ensure maximum angular precision.

The alignment force, along with various other saw settings, adjusts automatically to the material thickness, or package height with the aid of a frequency converter, with the result that even thin panel strips can be cut and aligned with a high degree of precision.

...And for those who were seeking a little refreshment, there was always the chance to grab a cup of frothy cappuccino coffee, served up in a cup designed to show off Schelling's contact details and those of its trading partners ... even if the cake specially designed and baked to mark Schelling's recent centenary had long since been consumed and enjoyed!

Want to find out more?
Visit www.schelling.co.uk



RECORD W18 SALES & LEADS FOR BOTH ALPHACAM & CABINET VISION

'HOW can your products make my business more productive and efficient?'

'How can your software tools help me to fully exploit my significant investment in CNC equipment?'

Those were just two of the questions woodworking companies were asking the staff at Vero Software at W18 last month.

In addition, casework manufacturers wanted to know how to bridge the gap between design and manufacture which, in the past, have been separate from each other.

With Alphacam's powerful automation and nesting functionality answering those first two questions and Cabinet Vision's Screen-To-Machine module, closes the loop between sales and manufacture for casework manufacturers.

Visitors to the show also saw first-hand the software in action, driving a variety of CNC machine tools on machinery suppliers' stands.

During the four days of W18, Cabinet Vision and Alphacam between them closed many sales, as well as gaining hundreds of strong leads, many of which were looking to invest in the software in the short to medium term.

EMEA sales manager for Cabinet Vision and Alphacam, Michael Pettit says that visitors were particularly interested in Alphacam's new nesting engine, unveiled in the 2018 R2 release, which tests show delivers significant improvements in material yield.

'Using proprietary technology to deliver "best in class" geometry and tool-path optimisation, the nesting engine provides faster calculation times, along with improved feed-back and graphics,' says Mr Pettit.

'Customers are also moving away from having to program



individual parts for their CNC production and were impressed when they saw demonstrations showing how Alphacam's latest automation tools in Automation Manager can reduce programming time by several days each week,' adds Mr Pettit.

Cabinet Vision demonstrated its latest release, which includes all-new photo-rendering technology that provides a considerable enhancement in rendering capabilities from previous versions.

'It now gives manufacturers almost photo-like images, which they can use as a sales tool to show their customers exactly what the products will look like in situ,' explains Mr Pettit.

And Cabinet Vision also partners with a number of machine tool suppliers, providing a total machine and software solution.

'W18 gave us the opportunity to meet new customers and gain significant leads.'

'It was also good to catch up with existing customers, many of whom have been our clients for many years and hear their stories about how our market-leading solutions for the woodworking industry have driven productivity and profitability in their businesses,' concludes Mr Pettit.

Want to find out more?
Visit www.alphacam.com or www.cabinetvision.com

LINKING CABINET VISION & ALPHACAM WITH A SPECIALLY DESIGNED SOFTWARE APPLICATION

A SPECIAL software application enables a cabinet and door manufacturer to load its Cabinet Vision Screen-To-Machine files into Alphacam for nesting purposes.

The production process also involves another stand-alone macro written by Cabinet Vision engineers, which merges two CSV files – one containing drawing information and one with secondary operations – which are then imported into Alphacam for cutting.

Summerbridge Doors Ltd produces a range of cabinets and cabinet doors, principally for kitchens.

Now operating with around 120 employees at a factory in Hull, the company has supplied vinyl-wrapped cabinet doors for 25 years and expanded into full cabinet production in 2012.

The company also offers a sub-contract service, creating doors and cabinets for design companies that don't have their own manufacturing facilities.

In total, several thousand cabinet panels/week come out of the Cabinet Vision design and Screen-To-Machine programme and are imported into Alphacam for nesting on Biesse Rover machine tools.

Technical manager, Nick Kersey explains that as the company's Winstore automatic loading system has a database of offcuts, as well as using full sheets, they needed a special application to nest products designed in Cabinet Vision on to the offcuts.

'We use a software add-on called GPA, which looks at the



Winstore database to see what material is available,' says Mr Kersey.

Export files are created in Cabinet Vision and the GPA system then produces Alphacam drawings and a CSV output, which is loaded into Alphacam for nesting.

'When we're working on a new job, we'll set up the room walls, drop in the required MFC cabinets and edit them to the exact specification. Then we define the materials and include a job reference, together with all the information that Alphacam needs.'

Cabinet Vision's Screen-To-Machine centre will then create two outputs – firstly, the Alphacam drawings, including operations and a CSV file containing all the information related to them.

'The other output is for secondary operations, such as end drilling for our Skipper machine. This will be in the form of CIX and CSV files,' adds Mr Kersey.

'It's at this point that we use the macro to merge the two CSV files and import them into Alphacam,' explains Mr Kersey.

All relevant paperwork, assembly sheets and drawings are then printed from Cabinet Vision. The next step is to launch the GPA program in Alphacam, import the CSV file and process it through nesting and cutting.

Nick Kersey says that the overall integration between Cabinet Vision and Alphacam is seamless, producing accurate cabinets first time, every time.

Cabinet doors are manufactured from MDF and then wrapped

in vinyl, or laminated with acrylic. Summerbridge Doors has a standard range of around 40 designs and 90 colour variations, and the company is also often asked to produce customised one-off orders. Production is handled entirely in Alphacam, giving capacity for the company to ship up to 25,000 doors/week.

The process is made even faster with Alphacam's Automation Manager, which enables files to be batch processed, from file preparation right through to applying tool-paths, with NC codes generated automatically. In addition, Automation Manager can create a full report structure, along with labels and bar coding, if required.

In total, the company has 10 CNC machine tools driven by Alphacam and Cabinet Vision, including 3 three-axis SCM Ergons, each with two tables and an X-axis with two independent heads, a small point-to-point Biesse Skill, two Biesse Rovers and a Skipper drilling machine. Two of the CNC machines form part of a manufacturing cell, which also includes a beam saw and the Winstore storage and loading system.

Nick Kersey says that they have used Alphacam to produce their doors for many years and find its nesting function to be invaluable.

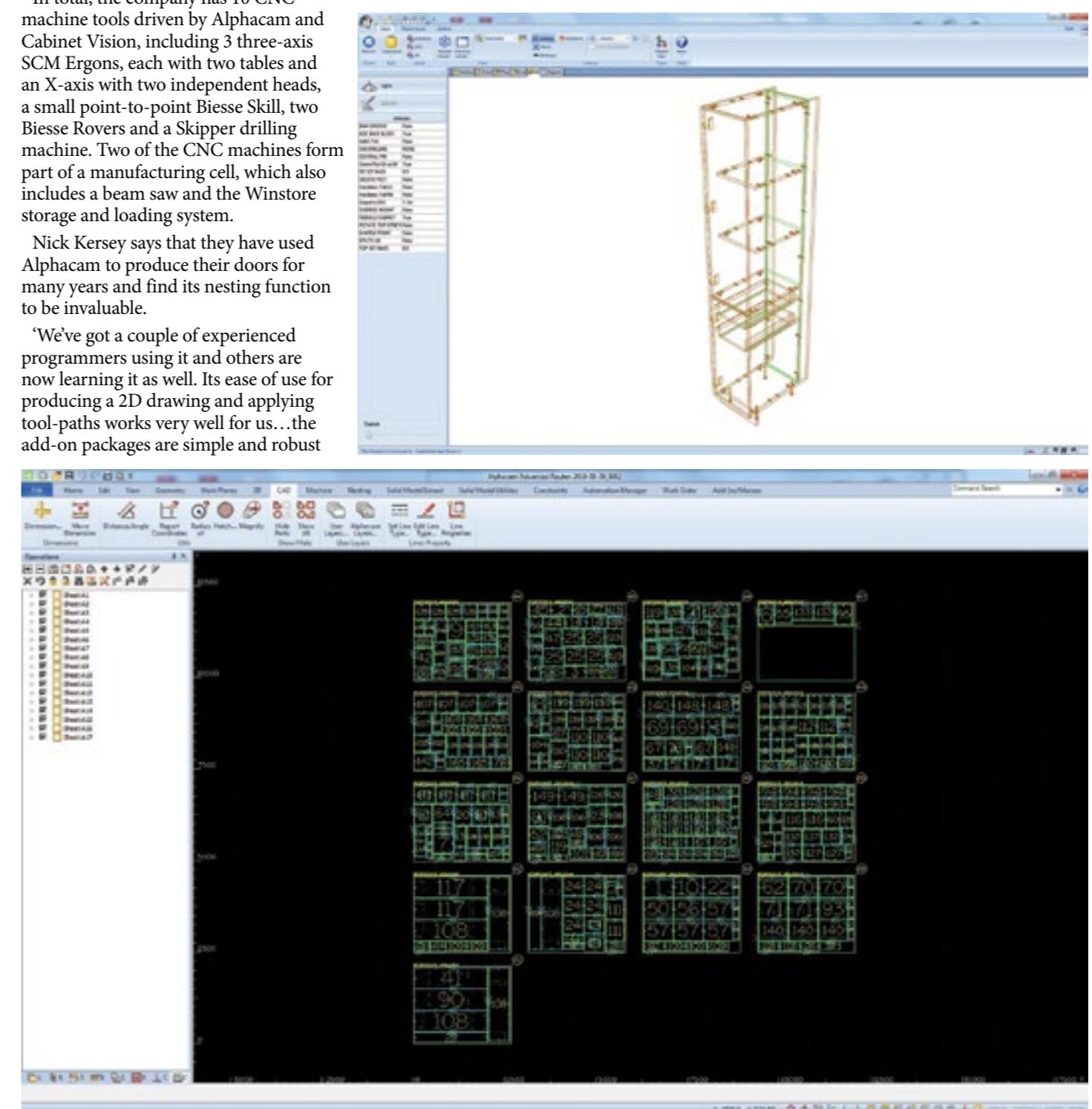
'We've got a couple of experienced programmers using it and others are now learning it as well. Its ease of use for producing a 2D drawing and applying tool-paths works very well for us...the add-on packages are simple and robust'

but, for us, the nesting engine is key,' explains Mr Kersey.

He adds that when Summerbridge Doors expanded into full cabinet production they assessed several software options, but Cabinet Vision was the only one that "ticked all the boxes" for a quick and easy way to meet their requirements.

'We've continually invested in new technology and machinery and, as a result, our delivery times are now between five and ten days - among the best in the industry! proclaims Mr Kersey proudly.

Want to find out more? Visit www.alphacam.com or www.cabinetvision.com



cabinet vision

www.cabinetvision.com



Cabinet Vision's optimisation and ability to reduce waste, along with speeding up the design process are major benefits to Turin Components. The software does cost money – but it saves us an awful lot more.

Donal Walsh,
Turin Components

Everything that we make is so custom, and Cabinet Vision is so customizable, that the flexibility of the software lends itself to a high-end atmosphere. It is like having another person in the shop.

Scott Davis,
Scott Davis Cabinetmakers

We spend a lot of time up front with Cabinet Vision to get the design right, but it ensures the workshop produces it accurately first time. Without it, we'd probably need three additional members of staff to achieve what we do.

Ruth Lovelock,
Hetherington Newman

alphacam

www.alphacam.com

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30

HOW LONG
WE'VE BEEN
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SOFTWARE

We've learned a thing or two since we started offering software for woodworkers in 1983.

97%

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WITH OUR
SUPPORT

Whether via phone, email, support portal, or our online forums, our technicians are here to help.

1

COMPANY
MISSION

Our goal is to develop products and services that help our customers become more successful and profitable.

85 / 11

COUNTRIES/LANGUAGES

Our software can be found all over the world and it's available in 11 languages.

117,950,504

DATA ITEMS TESTED EVERY WEEK

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As we've expanded our CNC range, we've seen the need for more advanced software to provide our customers' complex programming and nesting solutions. And this is done through Alphacam.

Felder UK

We've succeeded every time, because Alphacam creates models and CNC code so quickly. We may have only a couple of days to do an impossible job. But Alphacam makes it possible.

Jason Szukalski,
Director – Anarchy Ltd

We're constantly developing our range of products, and Alphacam gives us the ability to control our own designs and manufacture them in-house for prototyping and testing.

Wesley Henderson,
Engineering Manager - James Leckey Design

part of
HEXAGON

vero
Software

OVVO – MAKING ALL THE RIGHT CONNECTIONS IN THE KITCHEN

OVVO®, the multi-award winning, innovative tools-free assembly solutions company, continues to lead the way in developing and bringing connection systems and solutions that deliver significant benefits to kitchen manufacturers.

The latest additions to the company's product range include the all new invisible V-1230 connection system and a tool-free drawer slide connector - both of which significantly extend the range of applications in which OVVO® can be utilised by kitchen installers and fitters.

The new solutions were recently demonstrated in applications including kitchen cabinets, cabinet to cabinet assembly, invisible shelf assembly and end panel alignment at W18.

The new invisible V-1230 connector, a finalist in the Elements of Innovation awards, incorporates all the features of the Interzum 2017 "Best of the Best" award winning V-0930 in a format that is ideally suited to high grade particle board of 15mm, 16mm and 18mm thickness and is available in both permanent and knockdown versions.

It is also compatible with leading high-end materials, such

as high pressure laminates, composite material and solid woods.

Ovvo was also displaying a PantoRouter, in collaboration with The Woodworkers Workshop (www.woodworkersworkshop.co.uk)

The PantoRouter is a precision copy milling machine able to cut a wide variety of wooden joints. Designed with the mechanical linkage of a pantograph in mind, the PantoRouter operates in all three axes.

Other than the positioning of your workpiece on the X and Y axis, you can set the exact plunge depth of the router cutter on the Z axis, making the PantoRouter one of the most versatile jointing machines in the world.

The PantoRouter uses templates, which allow you to accurately trace the tenons, dovetails, distances, drilling patterns, or free-hand contours and easily replicates the milling needed to rout out and use the Ovvo connection system. The new Ovvo® V-1230 connection system is available now.

Want to find out more? Visit www.ovvotech.com



HELPING KITCHEN FURNITURE MANUFACTURERS WITH READY TO ASSEMBLE FURNITURE

CABINET hardware expert, Titus has launched a new service dedicated to helping manufacturers of ready-to-assemble (RTA) kitchen furniture make their products faster and easier to assemble, thereby enhancing customer perceptions and boosting sales.

The ground-breaking Titus CAF service uses a simple formula, developed after painstaking research by Titus, to assign a Consumer Assembly Friendliness (CAF) score to items of furniture.

This not only allows ease of assembly to be accurately quantified, but also reveals areas where improvements can be made, often at little, or no cost to the furniture manufacturer.

'RTA furniture has a great deal to recommend it, but it suffers from having a reputation for being difficult and time consuming to assemble, which undoubtedly holds back sales,' says Gary McMahon of Titus.

'Our CAF Service has been specifically developed to help kitchen furniture manufacturers overcome this problem, thereby upgrading the public perception of RTA and allowing sales to achieve their full potential,' adds Mr McMahon.

The Titus CAF Score takes into account the total number of parts needed to assemble an item, the number of actions it takes to assemble the parts and the number of different types of parts.

Scores can be produced for complete items of furniture, for sub-assemblies and even for components themselves,

allowing simplicity of assembly to be examined at every level.

The new Titus CAF Service will help kitchen furniture manufacturers to calculate the scores for their own products, or can even calculate scores on behalf of the manufacturer. In either case, the service will also provide detailed recommendations for improvement.

A typical recommendation might be to replace a conventional dowel-and-cam connection with a single-part integrated connector.

This would reduce the number of types of parts needed and also the number of actions needed to assemble the parts, so this small change would provide a significant reduction in the CAF score.

Titus is offering its new CAF Service to all manufacturers of RTA furniture, whether, or not they are existing users of Titus products.

Want to find out more? Visit www.titusplus.com

$$(T+A) \times N = CAF$$

T = Total quantity of parts
A = Actions to assemble
N = Numbers of types of parts



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www.martin.info

MAKING LUXURY BESPOKE KITCHENS WITH THE HELP OF MARTIN MACHINERY

ARTICHOKE is a specialist joinery design business with a strong focus on designing and making luxury bespoke kitchens, with an exceptional understanding of interior architecture.

Based in Cheddar in Somerset, Artichoke creates luxury spaces in private properties all over London, throughout the UK and internationally and everything is produced in the company's own workshops.

With a particular interest in being able to replicate period detail, it is no wonder that the company has so often been called upon to produce kitchens for some of the finest country homes in Britain – always with the aim of designing a kitchen which will become the focal point of the home.

Some of Artichoke's recent projects have included a Grade I Lutyens house in Surrey, a Grade II listed Georgian stately home in Gloucestershire, a Grade I Elizabethan manor house and a Grade II listed early gothic castle - both in Gloucestershire.

Another impressive and noteworthy achievement has been the total

restoration of Villa Guglielmesca in Tuscany after the new owner commissioned Artichoke to reconfigure the villa (which had been serving as a hotel) and make it function again as a private residence.

This involved extensive interior architectural design work by Artichoke's highly creative team and included designing a truly spectacular bespoke kitchen.

Artichoke's team of artisan craftsmen and bespoke furniture designers bring together fantastic attention to detail, combined with true expertise.

Clients who have commissioned Artichoke are usually looking for excellence in terms of original bespoke design, combined with the very finest quality cabinet making and project management.

With this focus being directed towards designing beautifully detailed kitchens, the senior management at Artichoke had always felt that it was vital to maintain full control over all aspects of each project – including manufacturing excellence.

Artichoke's new purpose-built 14,000ft² joinery workshop was opened in 2015. The premises are the result of three years detailed planning, being specifically designed for the manufacture of domestic kitchens to an extremely high quality level.

This meant that only the best was good enough when it came to selecting the right machinery for the company's workshop.

It was therefore little wonder that production manager, John Hampton and his team had no hesitation in turning to renowned German manufacturer, Martin when it was time to select woodworking machinery, which already includes a high specification T27 spindle moulder and may very well also include a Martin T54 jointer and a Martin T45 planer by the time that this goes online.

According to John Hampton, the Martin T27 spindle moulder purchased by Artichoke two and a half years ago is a "fantastic machine".

It was a visit made by John to a Devon-based window and joinery manufacturer

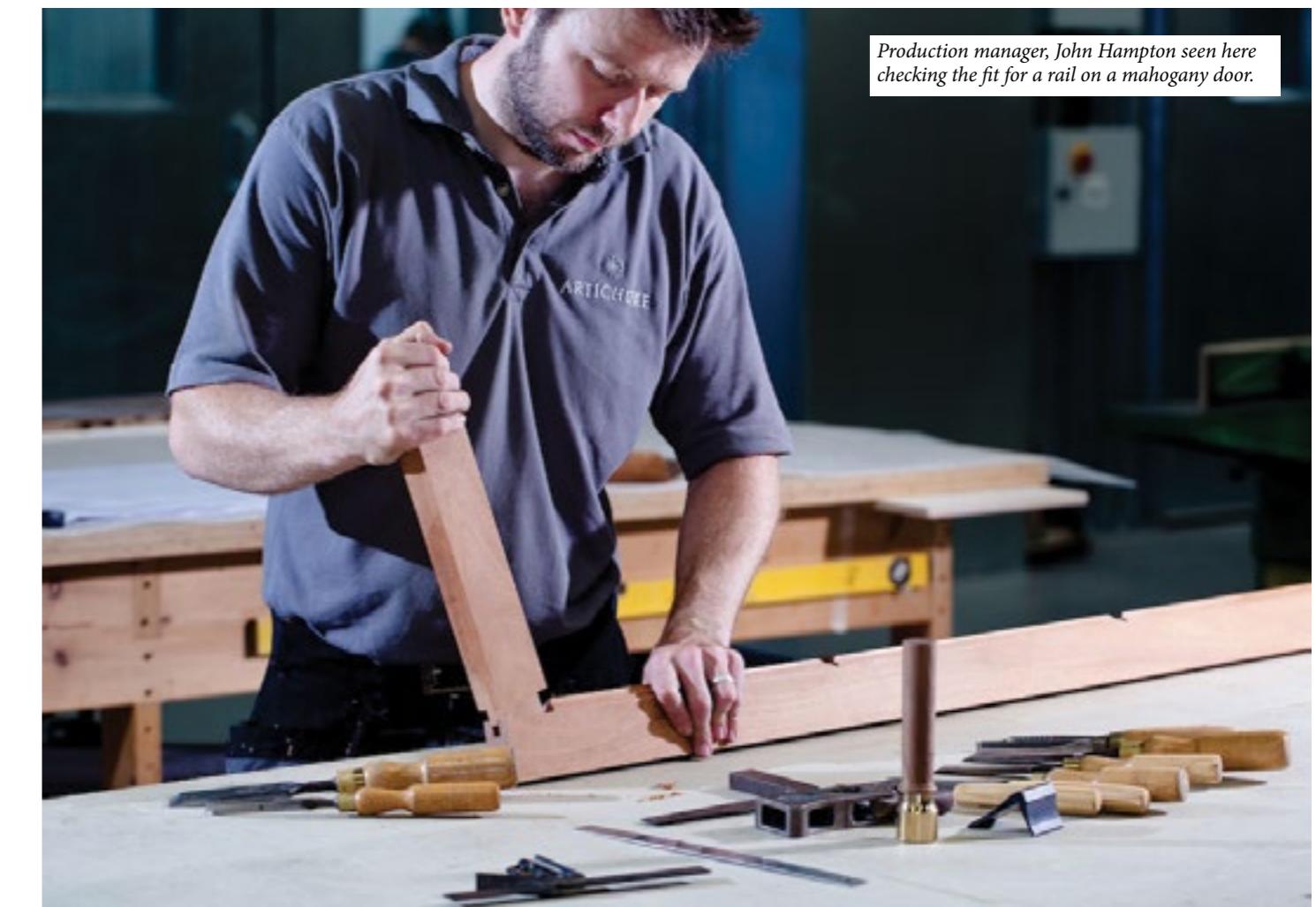
Artichoke was responsible for the design of this luxury bespoke kitchen in the Villa Guglielmesca in Tuscany.



The T27 features infinitely variable rotational speed control for the cutter spindle.



Setting up a spindle moulder can prove something of a challenge. However, this is not the case with the T27 with its modern touchscreen controller.



Production manager, John Hampton seen here checking the fit for a rail on a mahogany door.



Artichoke's new purpose-built 14,000ft² joinery workshop was opened in 2015.



that convinced him that the Martin T27 was the right machine for the job. It was purchased not only because of Martin's excellent reputation for build quality, but more on account of the fact that when it was demonstrated to John Hampton, he was "really impressed" with what he saw.

'I learnt that one operator who had been using the Martin T27 in Devon had left the company he was working for, but returned to work for his former employers a short while later, because he enjoyed using the Martin machine so much,' explains John Hampton.

'You can't get much more of a recommendation than that,' he adds.

Setting up a spindle moulder can prove something of a challenge, as John Hampton readily admits, acknowledging the fact that it can take anything between 20 minutes and an hour and a half to change from one set of tooling over to another. With a library at the Artichoke workshops running to some 480 different prolific cutters, this could prove extremely time consuming. However, this is not the case with the T27 with its modern touchscreen controller.

What is more, the integrated tool calculation enables complex moulding patterns to be set up with ease and with the spindle tilted to the correct angle in no time at all. On this basis, the large tilting range of $2 \times 46^\circ$ can be used efficiently, thus making

this machine an ideal addition to the Artichoke workshop.

The T27 features infinitely variable rotational speed control for the cutter spindle, which enables users to tailor the speed of the tool perfectly within a range of 1,000 to 12,000 rpm even during operation.

In addition to very slow profile sanding heads, the large speed range means that small, high-speed tools, such as end mills, can be used with an ideal cutting speed without any problems. Motors are available from 7.5 to 11 kW to provide the required power levels.

Motorised positioning of the fence is an extremely useful addition to the T27, irrespective of whether a spindle moulder, or a tilting arbor spindle moulder is concerned.

You can therefore make the most frequent settings for a spindle cutter, the cutting height and depth, with the complete support of the controller, because the electronics are now responsible for doing what you once did by means of the hand wheel.

The fence settings are approached with pinpoint accuracy, owing to the extremely high reproducibility of $\pm 0.025\text{mm}$. Even critical settings for cutting counter profiles can be precisely positioned. The cutting depth is also a component of any

program and the controller carries out the positioning in accordance with program specifications.

Motorised positioning of the infeed jaw presents itself when the purely digital display is no longer sufficient, thus enabling the user to maintain complete control over the fence with this option, which is only available in conjunction with electro-motive positioning of the fence.

You can make all the settings on the fences from the controller. This option is recommended for users who frequently carry out extensive moulding operations on the workpiece.

The new HSK tool interface is the ideal extension for users who regard their spindle moulder as an effective supplement to a CNC machining centre, or wish to change their tooling quickly and easily as a unit with the arbor.

If a basic model T27 is equipped with Martin's proven DornFix quick-change system, the pneumatic HSK clamping system can be selected as an option.

Using this technology, you can change the tool/arbor unit within a few seconds and, therefore, achieve enormous time savings during the setting up process.

Furthermore, you can use suitable CNC machining centre tools directly on the spindle moulder without any problems, thereby relieving this machine from capacity consuming traversing moulding tasks.

In short, how does John Hampton summarise his reasons for choosing the Martin T27 above other competing models?

'It's all down to the excellence of the computer control and the speed of set. In my opinion, there is nothing else like it,' concludes Mr Hampton.

Want to find out more about Martin?
Visit www.martin.info

Want to find out more about Artichoke?
Visit www.artichoke-ltd.com

OSTERMANN'S EDGE-BANDING TRENDS

IT'S just happened again ... Pfleiderer, Egger and FunderMax have almost simultaneously launched new collections on to the market.

At one fell swoop more than 400 new board colours and décors have arrived. Edgings expert, Ostermann has pored over the new collections and lost no time in readying the edgings to match.

Thankfully, Ostermann has more than 20,000 pallet spaces of edgings at its fingertips warehoused in Bocholt in Germany which represents Europe's largest furniture edgings range.

At the same time, work has now been completed on the expansion of the company's logistics centre, which will see the number of storage bays doubled.

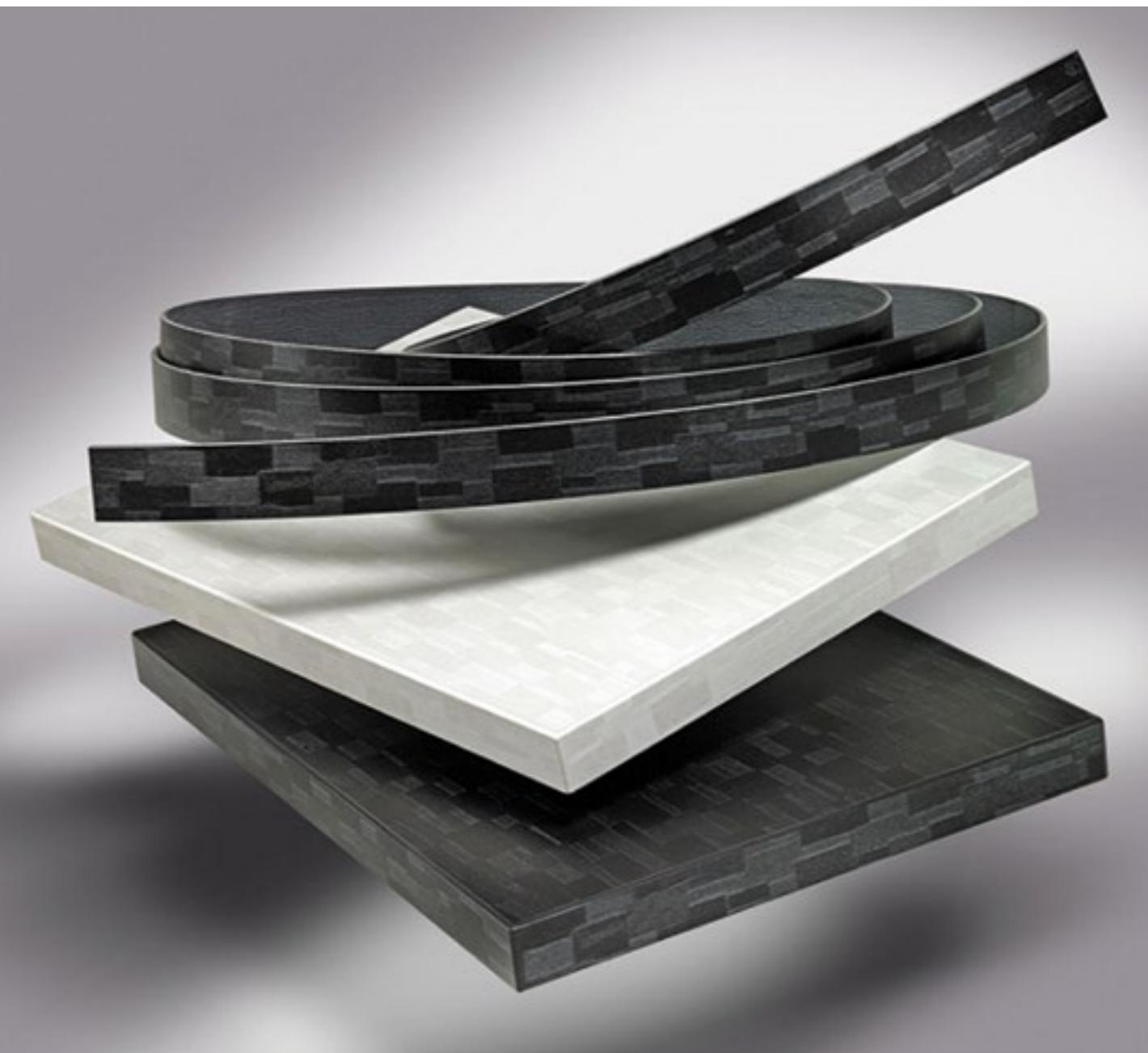
And not before time – because the variety of edgings is continuously growing – not only in relation to colours and décors, but the different grades of gloss and surface properties too.

Board manufacturers offering new worlds of colour:

All said, board manufacturers are constantly offering wider and wider ranges to the trade. With the three aforementioned collections, some 400 new colours and décors are arriving on the market at one fell swoop.

To make it easier for their customers to choose, the board manufacturers are introducing their new collections by way of "worlds of colour" (Pfleiderer), "grids" (Egger) and "décor cards" (FunderMax).

Ostermann has carefully examined the new collections and



Texwood combines the charm of natural wooden décor with the vibrant elegance of trend-setting textiles.



Stamp is available in black and white and in the sizes 23mm, 33mm, 43mm and 100mm x 2mm

has lost no time in readying the edgings to match.

What are the current edging trends?

Based on the observations of Ostermann's trend experts, the new collections are dominated by realistic-looking material reproductions, such as textile surfaces and various stone finishes, as well as rust and concrete looks.

And the number of edgings to go with these designs is correspondingly large. In the uniform area, the largest range features grey, blue and green tones.

Oak continues to dominate in the wood reproduction area, frequently also featuring light, or grey shading.

Inspired by Stamp printing

The décor of the new Stamp edging was inspired by the ancient technique of stamp printing. The result is a monochromatic and vibrant edging surface with a metallic shine that changes according to light patterns.

Ostermann is now delivering the new collection of edgings in black and white from a length of 1m.

The décor of the new Ostermann edging collection is also inspired by the traditional stamping technique. Here, uneven rectangles, intricately stamped and seeming to overlap, with minimal variation of colours and pearly shades, lie next to, and above, each another.

The result is a graphic surface, which changes its appearance according to light patterns.

Texwood edgings

Textile or wooden décor? Why not both? The new Texwood edgings combine the charm of natural wooden décor with the vibrant elegance of trendy textiles.

They match the namesake décors of the latest Pfleiderer collection perfectly and are available in five attractive colours. The combination of a natural wooden look and

textile pattern gives the ABS edgings in the Texwood series an eye-catching effect. De-emphasising both natural materials results in a warm and, at the same time, modest décor.

New edgings – usual variety

The trendsetting edgings come in brown, black, white, mauve and grey and match the namesake décors of the latest Pfleiderer collection.

In addition to the standard dimensions at thicknesses of 1mm and 2mm, the edgings of the Texwood series, like all ABS edgings from Ostermann, are also available in any desired width up to 100mm.

Ordered, packed and delivered

The new Ostermann edgings match the namesake décors of the latest Pfleiderer collection and are delivered in standard



Ostermann was correct in predicting stone, textile and rust décors to be the most recent trend edgings.

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sizes of 23mm, 33mm, 43mm and 100mm x 2mm.

As usual with Ostermann, the edgings are available from a length of 1m, the stock items are sent that same day and delivery then takes place within 24 hours.

Ostermann's experts are always happy to help.

The quickest way to find edgings to match the new trend colours and décors is to use the quick search tool in Ostermann's Online Shop.

If customers are still unable to find some of the 400 new décors in Ostermann's online shop, it's best to call the company's edgings specialists.

For further information tel Ostermann on 01905 793550. Visit www.ostermann.eu

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NEW, MODERN DUST EXTRACTION PLANT INSTALLED BY COMPANY SPECIALISING IN KITCHEN CABINETS AND ACOUSTIC PANELLING

AN ACOUSTIC panelling manufacturer recently looked to Air Plants to fulfil its requirements for a new dust extraction plant.

With a client base that spans the globe and 40 years' experience in delivering high profile projects, Woodfit Acoustics is a leading provider of wooden acoustic panelling.

Combining expertise in acoustic engineering and design, Woodfit turns its clients' creative visions into reality and has earned a reputation for the highest levels of skill and craftsmanship.

Starting out as a manufacturer of bespoke kitchen cabinets; Woodfit Acoustics has progressed and succeeded in becoming a world-renowned specialist fabricator of superior wooden acoustic panels. Today, the company has world-class manufacturing facilities and almost 50 employees spread across three buildings.

Air Plants Dust Extraction installed the original dust extraction plant in 1999. Various additions and modifications have been made over the years to accommodate the expansions that have taken place at Woodfit Acoustics.

With the addition of a new factory area, Woodfit approached Air Plants to discuss its requirements for a new, modern dust extraction plant.

In 2017, Air Plants designed, supplied and installed a cyclo filter plant with a 37kW high efficiency fan set. The externally sited system has a small foot-print and handles an air volume of 29,000m³/hour. Wood waste from the filter discharges into two sealed skips.

The new plant is fitted with pneumatic blast gates. This semi-automated system allows gates to some of the machine connections to shut off air when it is not required. This results in a more efficient system and helps to reduce energy consumption.

The cyclone dust collector boasts automatic reverse jet cleaning and 95 per cent separation prior to bag filtration.

Want to find our more? Visit www.airplants.co.uk



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It is also compliant with COSH and EPA requirements. Clean air is subsequently returned to the Woodfit Acoustics factory.

An internally-sited Untha LR630 wood shredder handles a wood waste volume of 1-7m³/week. Off-cuts are collected from around the factory and fed into the shredder.



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LAWCRIS – PERFECTING MATT AND GLOSS SURFACES

EGGER'S PerfectSense matt and gloss range has gained a great deal of momentum over the past two years. Lawcris is finding it to be extremely popular and the range that kitchen furniture manufacturers want to get their hands on.

From smooth, velvet matt finishes to desirable, high levels of reflection, Egger's PerfectSense range provides a particularly hard-wearing surface with an up-market look and feel, but at a very realistic cost.

With the launch of Egger's new Decorative Collection 2017-2019, the range has expanded with 23 matt and gloss boards.

Egger has really listened to the furniture manufacturing sector and added more decors, so there are now 10 matching matt and gloss surfaces, together with three more decors in the gloss range, which are extremely popular,' says procurement manager at Lawcris, Dean Carroll.

'High-gloss finishes with contrasting matching matt textures are very current at the moment and, due to the quality of these boards, Egger's PerfectSense seems to be the range that everyone wants to work with. The icing on the cake ... the anti-fingerprint finish that the PerfectSense



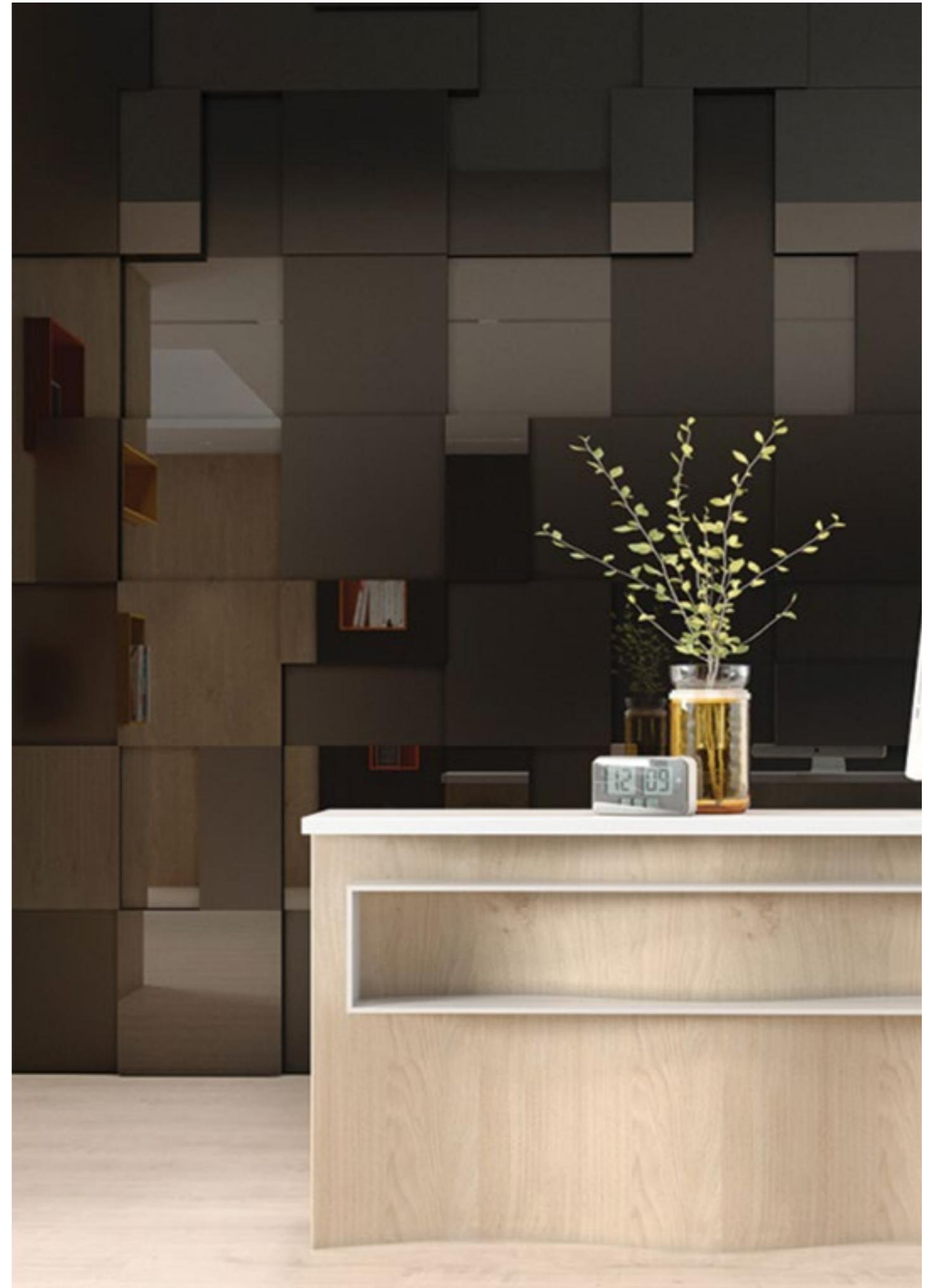
Lawcris delivers its products using a fleet of lorries with this eye-catching livery.

Matt boards have associated with them, makes them ideal for many spaces in the home,' adds Mr Carroll.

Thanks to the revolutionary UV coating process, the luxurious gloss board offers a combination of a real mirror finish with a tough, smooth and flawless surface, whilst the matt board has unique properties of its own.

The warm, silky matt look gives a high value feel and is popular in premium-end furniture production. The superior quality differentiates it from the other matt furniture surfaces – particularly when used as a contrast to the sheer depth and shine of the gloss boards.

For further information tel Lawcris on 0113 217 7177.
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HAFELE – REFLECTING THE LATEST TRENDS IN KITCHEN DESIGNS

FURNITURE fittings and architectural hardware specialist, Häfele, has launched “What’s New: The Autumn Edit” its comprehensive guide to the latest innovative additions to the company’s extensive product portfolio.

In response to growing customer demand for literature that can be handed to consumers, this is the first edition of “What’s New” to come in two sections: a trend brochure designed to inspire both consumers and tradespeople and a product update directory, exclusively for the trade audience.

The trend brochure is packed with design inspiration from style capital Milan following Häfele’s visit to the city’s EuroCucina exhibition earlier this year.

Häfele customers will be able to order multiple copies of the brochure, which has been specifically designed to be suitable for consumers to take home and keep.

As well as providing insight into the industry trends which look set to dominate British Furniture Design in 2019, the brochure showcases the perfect Häfele solutions for integrating each of these trends into kitchen designs.

It includes features on:

- The concealed kitchen; including details of the smart solutions Häfele provides to help conceal clutter and achieve the sleek, minimalist look.
- Handles versus: Handle-less; a fresh take on which handles to use in the kitchen to create stylish finishes, including profile, or recessed options for an on-trend,

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HAFELE – MAKING A BOLD STATEMENT IN THE KITCHEN



HÄFELE has introduced the new Minerva Ice Blue worktop from Sylmar to its extensive kitchen worktop offering.

White with navy blue flecks, the new Ice Blue worktop has been introduced in response to the growing consumer trend for bold, statement colours in the kitchen. It joins the company’s existing range of Minerva solid surface worktops, which are available in a variety of colours.

Flexible and easy to install, Minerva worktops are hard-wearing, scratch resistant and long-lasting. Their seamless joints and smooth finishes make them a particularly desirable choice for kitchen island units.

Minerva worktops can all be installed with standard woodworking equipment. They are also supplied with pre-finished surfaces and edges, eliminating the need for expensive and time consuming templating.

‘When it comes to introducing colour into the kitchen, consumers are becoming bolder, opting for strong accent colours in place of more traditional neutrals,’ says assistant product group manager, Andrew Billingham.

‘This new worktop is the perfect choice to complement statement kitchen colours and works particularly well with the on-trend deep blue colourway,’ he continues.

‘Stylish and superb quality, this latest offering from Sylmar is also incredibly versatile, lending itself to a whole range of kitchen styles,’ concludes Mr Billingham.

Häfele’s worktop range features over 140 different material finishes, including granite, Corian, quartz and timber, which are available in a choice of textures and finishes.

Want to find out more? Visit www.hafele.com



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