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INDUSTRIAL WOODWORKING

& PANEL PROCESSING

Distributed throughout the UK and Ireland

MAY 2021

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UNIVERSALLY BETTER

MAKA's constant drive to improve solutions has resulted in its latest generation of high-performance CNC machining centres.

The PM-Modular is designed for joinery manufacturers. It represents an improved version of the original PM270 range, with improved operator and safety features, making this five-axis machine easier and quicker to set-up, according to MAKA.

This latest version is equally at home in high-volume stair production, as it is

producing bespoke doors, windows, newel posts and panels.

'The PM-Modular is fundamentally uncompromising, with intelligently configured working units, large and fast tool-changers, with very robust and flexible clamping tables, with pods and rails providing two zones and a maximum working area of 6000mm x 1600mm x 400mm,' says managing director, Iain Young.

For the full story, please turn to Page 11.



The new MAKA PM-Modular - the benchmark for universal five-axis CNC.

MAKITA'S FREE RADIO

MAKITA UK has announced a new redemption scheme for end-users to claim a free XGT "Bluetooth Jobsite Radio" with the purchase of qualifying XGT products.

Tough and durable, the radio is a perfect addition to the job site and is redeemable on purchases of qualifying XGT 40VMax, or

80VMax products (2-battery models) through to September 30 2021.

The Makita 40VMax XGT Bluetooth Radio is an excellent job site companion that is compatible with Makita XGT, LXT and CXT batteries, making it easy to slot into an existing family of Makita tools.

It can access both AM and FM radio, as well as Bluetooth that can play audio from a mobile device situated up to 10m away.

It is built to withstand the demands of site work and features elastomer bumpers to protect the radio from knocks and rough handling, whilst the robust IP65-rated design protects it from dust and showers.

Makita's range of 40VMax and 80VMax XGT products combine innovative tool design with higher output batteries to offer professionals a genuine solution for high demand and industrial applications.

For further information tel Makita on 01908 211678. Visit www.makita.co.uk



ON THE PANEL

PAUL Martin has been appointed to the role of managing director at International Timber - a leading wholesaler of specialist timber and panel solutions.

Paul has held the post of commercial director at International Timber since May 2019 and has overseen the company's growth while managing the Brexit transition and the challenges brought about by Covid-19.

He takes the helm as International Timber seeks to increase its sustainability ahead of its 2050 carbon neutral goal and support manufacturers, architects and builders' merchants to access quality, bespoke timber materials.

'I'm delighted to take on the role of managing director at a company I am so personally invested in,' says Paul.



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Castle Pocket Routers

from ATA Engineering



New Improved Model TSM22 Pocket Router

Model TSM22, the most popular Pocket Router in the Castle range has been re-designed with a new lift up table top to provide the following features:

- Easier and quicker access when replacing the router cutter, drill and other parts during routine servicing and repair.
- Additional safety feature which automatically disconnects the electrical supply to the Bosch motors.

This long established and widely used model continues to provide the quickest and strongest method for kitchen and bedroom carcass manufacture, retail display stands and other interior fitting applications.

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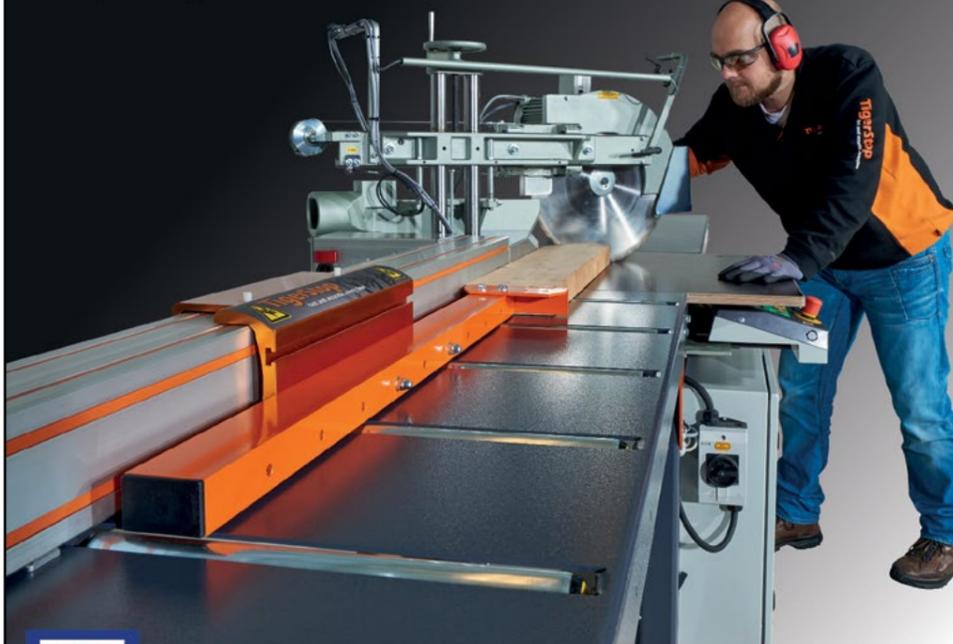
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INVESTING IN A MATRIX TABLE AND WOODWELDER FROM ALAN LAMONT

DOVETAILORS began in 2005 as a small bespoke designer and manufacturer with a passion for turning customers' ideas into stunning design.

Through that same commitment and passion, the Leeds-based company has grown into one of the North of England's foremost furniture design houses.

In 2014 the business moved to the historic Sunny Bank Mills in Farsley and in 2019 moved to larger premises in Pudsey, where the master craftsmen now carry out commercial wood furniture manufacturing, ecclesiastical furniture design and private commissions, which include bespoke kitchens, bedrooms, bathrooms and exclusive furniture pieces, as well as the ready to buy range. Dovetailors also manufactures components for other companies.

Dovetailors has invested in a matrix table and Woodwelder from Lamont.

'At the time, we were producing a lot of chair frames for other companies. We were using hand clamping, which was taking a long time, was heavy and hard work, so I investigated the idea of speeding it up with the matrix table and the Woodwelder,' says David Wilson speaking on behalf of the company.

'The Woodwelder allowed us to glue up really thick chunks of oak quickly but, perhaps more importantly, over time we are now starting to make very complicated CNC gluing jigs.

'We can now very precisely clamp components, so we can glue up some strange shapes that would otherwise be difficult to do. Thanks to the Woodwelder, we can do this.

'Before we acquired the matrix table and Woodwelder, we were using polyurethane glue, which was quick, but messy,' says David.

'Polyurethane glue foams up and requires cleaning up afterwards. PVA is difficult because it takes longer, but is a better glue.

'With the Woodwelder I can use PVA and can glue something up in five seconds, which is a great time saver,' adds David.

'We were introduced to Alan Lamont by MJM Woodworking in Hull. Alan talked to us about pneumatic clamps - a solution which I had not previously considered.

'The fact that Lamont is based in the North, relatively near us, was good. I went up to Scotland to see the matrix table and Woodwelder in operation. I took some oak up with me to see how it worked: I was pleased with the result and went for it.

'We are actually doing less of what I originally bought it for, but are doing more specialist glue-ups in shapes that can be difficult, for example letterbox shapes.

'The matrix table holds the workpiece in the right place and then the Woodwelder gets to work. Hand in hand with our CNC, it is a really powerful gluing up solution,' enthuses David.

When asked what advantages the matrix table and Woodwelder had brought him, David replied:

'Speed: it is always speed. We invest in things when we can do the maths and see it will save us a certain amount of time and in such-and-such time we will get our money back. It is also hard work using hand sash clamps!'

When asked if he would recommend the matrix table and Woodwelder, David said: 'Yes, definitely. They are great.

'It has been absolutely great working with Alan. He answered all our questions, was very informative and he knows his product.

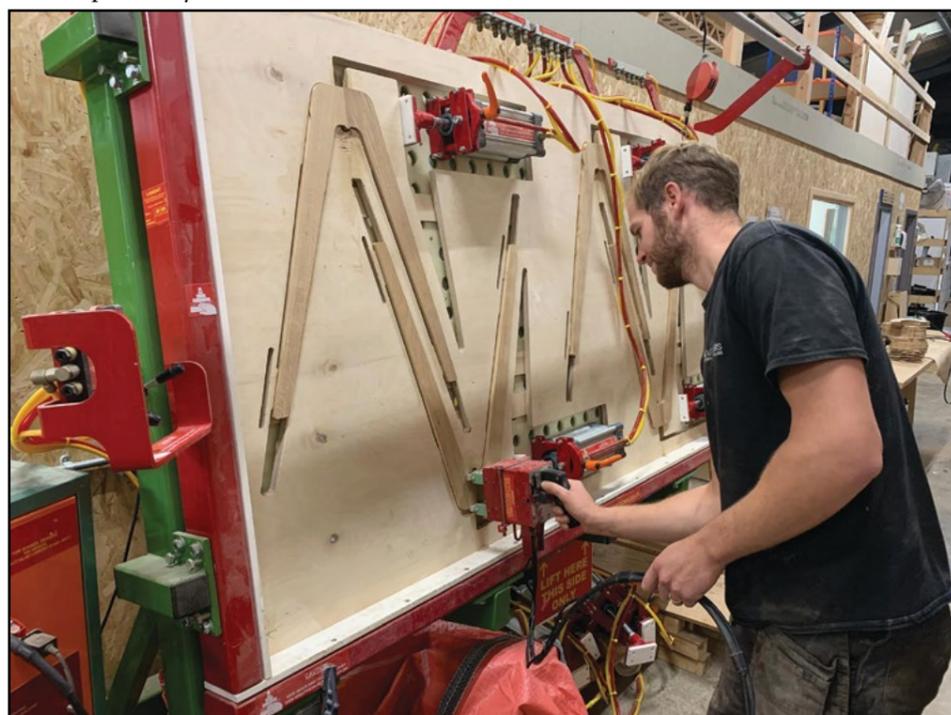
'He is also good at telling you what it can't do and had some question marks about the thickness of the oak that we needed to glue, in particular whether the Woodwelder would penetrate far enough for it to work, but we got round that, as we weld on both sides,' explains David.

Talking about doing business during a pandemic, David commented:

'We are okay: bizarrely we are very busy. Things have changed. As we produce more and more specialist components for other companies, we are still doing quite a bit of ecclesiastical work for churches and cathedrals, as well as commercial furniture,' says David.

For further information tel Alan Lamont on 07785 268992.

Visit www.clampingmachines.co.uk



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CUSTOM CABINETS & MILLWORK SPECIALIST WINS JOBS WITH SOFTWARE'S GRAPHICS & AUTOMISATION TOOLS

JEREMIAH Halla needed to quickly become productive when he opened the doors of his custom cabinetry and millwork company, Elegant Wood Creations.

Making the leap to entrepreneurship was daunting, but he hit the ground running by investing in the machinery and software necessary to ensure that he would be in full production by the time his first customer walked through the door.

'I purchased Cabinet Vision a few months before opening the business and now I can't even imagine doing everything that we do here by hand. It just wouldn't work without the software; I feel like you're much more accurate with a CNC machine,' says Jeremiah.

Located in Turlock, California, Elegant Wood Creations produces a range of custom cabinetry and millwork, including kitchens, entertainment centres, vanity units, closets, home offices, bookcases, mantels and floating shelves and meets a diverse array of one-of-a-kind demands.

Jeremiah Halla uses Cabinet Vision's Screen-to-Machine (S2M) centre to perform all the company's design work, manage job details and generate NC code that is sent to CNC machinery on the shop floor.

The software – part of Hexagon's Smart Manufacturing portfolio – has helped the small company win jobs and produce a large volume of products, with just two employees.

He uses Cabinet Vision's realistic rendering capabilities to help customers understand and visualise design details.

'I've had people tell me they went with my company, because I was able to show them a 3D picture,' he says.

'There are businesses that come to potential customers with drawings on graph paper and that isn't a strong selling point. Most people want to see something to help them visualise – and I've had people think that Cabinet Vision renderings are actual photographs,' says Jeremiah.

The solution's graphics capabilities are also an advantage when working with contractors.

'Sometimes contractors want me to render projects to help sell a job. I can take plan views and elevation views and give them to a contractor to lay out all their plumbing and electrical work. With Cabinet Vision what you see is what you get and contractors love that.'

In addition to its strong visual capabilities, Cabinet Vision simplifies the process of making design changes, as the software automatically resizes all affected parts when adjustments to size are made.

'Unlike doing everything by hand, if I want to change the width of a cabinet, the system will do it for me. I don't have to go in by hand and calculate changes to all of the parts, so it eliminates much of the margin for human error,' says Jeremiah.

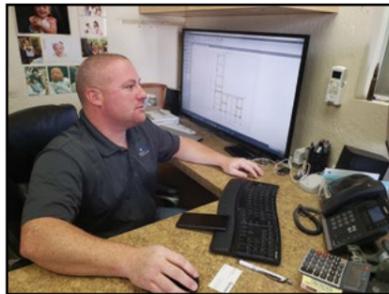
Before sending projects to the shop floor, Jeremiah Halla takes advantage of Cabinet Vision's powerful nesting engine to boost efficiency and maximise material yield.

'I only have little pieces of scrap wood now, whereas before the CNC machine and Cabinet Vision, there was a lot more. It's awesome.'

While he typically nests the parts automatically, the software allows him to edit automatically-generated nests if needed.

This combined programming flexibility and power enables him to automate as many tasks as possible while retaining control over the entire production process.

'Cabinet Vision drills our holes, cuts our dados and, if we have a special hole or other special feature, it will take care of that for us, too,' he says.



'It's nice to be able to draw something and have it cut exactly the way I drew it. I draw it and the guys cut it, paint it and send it out. It makes everything so much easier.'

Cut lists, material lists and assembly sheets are generated with information derived from project designs. In addition to reducing error, these detailed lists and instructions helps everyone to understand jobs at a glance.

'The elevation view is great to send out to the guys on the shop floor. If there are variations in the CAD part, I can simply type notes into it. It makes it much easier to communicate important job details, which helps us avoid making mistakes.'

Cabinet Vision and CNC machinery ensure that shop time at Elegant Wood Creations is optimised, as time that would otherwise be devoted to cutting projects by hand can be devoted to other tasks.

'The guys can be doing something else while the router is cutting a sheet, so it's really like having another employee, or even two,' exclaims Jeremiah Halla.

'This is a small shop, but investing in the machinery and Cabinet Vision was still less than I would pay a monthly employee,' he concludes.

For further information tel Cabinet Vision on 01189 756 084. Visit www.cabinetvision.com

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MIRKA INTRODUCES NEW ROBOTIC SANDERS AND POLISHERS TO MEET DEMAND FOR AUTOMATION



INDUSTRY automation is a growing trend in many sectors, including the woodworking industry, with customers requiring a complete package for automated manufacturing processes.

In order to meet this demand Mirka is introducing a range of new robotic sanding solutions, including the Mirka AIOS sanding heads and the Mirka AIROP polishing head, which will join the Mirka AIROS, the first smart electric sander designed for robotic sanding applications.

The products are engineered for what Mirka describes as roboticised finessing, ensuring consistent quality whilst saving time.

For industrial processes, such as furniture, door and window manufacturing where a rectangular sanding solution is required, the AIOS 353CV with its 81mm x 133mm pad is suitable for surfaces and corners alike. It can be used to drive up productivity and finishing quality with robotic precision.

The Mirka AIROS 150NV is the smallest AIROS sanding head. It is ideal for more confined spaces, detail work and

the sanding of small areas where deflashing, or deburring is required.

The Mirka AIROP 312NV is a random orbital polisher with an advanced electric polishing head for robot usage.

Featuring a 77mm pad, it provides a robotic alternative to Mirka's cordless polishers and is compatible with Mirka's polishing pads and compounds.

'More businesses are investing in automated manufacturing processes and tools are key to delivering effective results,' says business sector manager transport and industry, Ian Deery.

'The addition of the AIOS sanding heads and AIROP polishing head alongside the AIROS ensures that we can provide our customers with a complete solution that is suitable for use across multiple applications and sectors,' adds Mr Deery.

For further information tel Mirka on 01908 866100. Visit www.mirka.com



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SUSTAINABILITY FROM THE GROUND UP

ROBOTS are being used by manufacturer of pre-fabricated modular timber frame buildings to help improve efficiency, reduce waste and speed up production time.

Canadian company, Intelligent City is on a mission to transform the way the construction industry operates.

With automation and robotics, Intelligent City considers that the time is ripe to vastly improve the sustainability of an industry that is the world's No 1 source of greenhouse gas emissions.

Based in Vancouver, the company has become expert in the off-site construction of timber-built modules that can be connected to produce buildings up to 18 stories high.

Making use of Canada's large timber resources, Intelligent City can deliver fully integrated mass timber-based turnkey products with passive house certification to meet the highest energy standards.

This product-based approach allows "urban densification", promoting sustainable city living by infilling small, or brownfield sites rather than building on greenfield areas.

The use of a common platform, based on modular floor panels with integrated services, gives a full structural system that can be erected rapidly and which meets all the requirements of a high performing building.

Intelligent City can also model the building in a digital twin that allows the performance of the project to be tested before it even arrives on site.

On the shop floor, ABB's robots are used to process, handle and assemble large sections of timber in the prefabrication production line. Three robotic systems are used, including several robots integrated with tracks.

Operating in cells, the robots produce timber components according to designs created in Intelligent City's Platforms for Life (P4L) design software, enabling customised structures to be built according to specific customer requirements.

ABB's RobotStudio offline programming software is also used with P4L to plan tasks and movements for the ABB robots. Every component receives its own file and can be simulated and executed directly.

Key benefits of using the robots include improved production efficiency, a 38 per cent increase in project delivery times and a 33 per cent reduction in the cost of producing a modular home.

Wastage has also been significantly reduced, as the robots can be used to optimise the production process to minimise off-cuts.

RobotStudio has also been very valuable in helping to model cells, as well as the layout of the factory to help optimise the production line.

Co-founder and chief executive officer of Intelligent City, Oliver Lang believes that automation is fundamental to the company's whole sustainable approach to construction:

'Automation allows a range of solutions, allowing people to embrace it. It also ensures quality control and repeatable processes to improve the performance of buildings. We simply can't do this without robots, or advanced software,' says Mr Lang.

For Oliver Lang, three things connect sustainability and robotics.

Firstly, improving the quality of a building through automation means that it will last longer, so it doesn't have to be replaced with a new building after a few years, using more energy and resources.

'The second is the material itself. Wood really lends itself to robotic automation because of its malleability and processability,' says Oliver Lang.

'It is easy to add to, or subtract from without much penalty. It is also extremely lightweight for its strength and so production is therefore much easier to automate,' adds Mr Lang.

The third is the adaptability of a developed product.

'Building housing as a product means that you have figured out everything from design to manufacture and that we can adapt every building element and component.

'The only repetition is in the logic of the workflow – the system is pre-engineered to work through all the possible permutations.

'Variability is also important. A building is far more than just its components, it also about how you site it and make the best use of light and heat.

'Buildings are typically built generically and must be retro-fitted with equipment to suit their environment. We don't have to do this with a

passive structure,' explains the chief executive officer.

Oliver Lang appreciates the support of ABB in helping the company grow and develop its production system.

'It is absolutely fantastic to be able to work directly with a large company, such as ABB with all its knowledge and experience,' he says,

'This is hugely valuable. It is very reassuring that a small start-up company, such as Intelligent City can work and innovate with ABB.

'Working together, we are pushing the boundaries of the software, discovering a great deal of functionality in RobotStudio and how to integrate it with our own software,' concludes Mr Lang.

For further information tel ABB Robotics on 0808 258 2000. Visit www.abb.com



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The T60C is ideal entry model into the Premium Compact Class. It offers the perfect balance between price and performance, as all key components of the T60C are designed as you would expect from a MARTIN machine. In an area where a higher prices does not necessarily mean better performance, the T60C is deliberately intended to be a more compact offering. Purposeful machine construction, paired with control technology that is reduced to the fundamentals make the T60C an excellent partner for anyone looking for a cost-effective way to enter the premium saw class.

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MARTIN

www.martin.info

GUHRING COMPRESSES PRODUCTIVITY WITH NEW UP/DOWN CUT TOOLS

FOR the machining of laminated materials, such as particleboards, MDF, plywood, veneered wood composites and material found in the manufacture of caravans and motorhomes, Guhring UK has introduced a new line of up-cut down-cut compression tools.

Manufacturers in the woodworking and modern material-production sectors can now machine these challenging materials with the confidence that the world-leading Guhring brand brings to the industry.

The issue when processing laminated materials is the potential delamination that is often found on entry and break out caused by the cutting forces and the tool geometry being applied to the material.

However, the opposing helix design of the new Guhring

compression tools eradicates this issue for manufacturers, whilst improving tool life, productivity and edge finishes.

The compression cutters from Guhring incorporate a fluted design that enables customers to achieve optimal feed and productivity rates, with the assurance that the innovative tool geometry can eliminate the potential for work piece chipping and delamination, due to the two opposing helix geometries in a single tool.

The new Guhring compression tools are available in the two-flute, or three-flute variants, to meet the complete needs of the industry.

The solid carbide cutters are also available with different coatings as an optional extra, providing a technical advantage whether machining hard and abrasive materials, or preventing edge build-up when machining at speeds from 15,000rpm to 35,000rpm.

The coating technology is complemented by Guhring's extremely hard-wearing solid carbide substrate, designed specifically for these types of materials, which prolongs tool life and wear resistance.

The combination of the coating technology, geometry and solid carbide substrate enables this new series of tools to achieve feed rates of 15-40m/min when cutting at speeds up to 35,000rpm.

The cutting parameters are dependent upon the end-user's machine tool, material types and machining strategies, but the Guhring engineering team are experts that are on hand to help to maximise performance for end-users.

The new three-flute compression tools are available in diameters from 6.35mm-16mm, with an overall length from 64mm-110mm, depending on the diameter selected.



Each diameter range has a choice of a different up-cut helix and down-cut helix lengths, to suit the specific application of the end-user.

This includes an up-cut flute geometry length from 5-10mm with a down-cut flute length from 20-55mm, depending on the diameter tool selected.

The two-flute variant is offered in diameters from 6-16mm, with up-cut and down-cut flute lengths similar to the three-flute variant.

For further information tel Guhring on 0121 749 5544. Visit www.guhring.co.uk

FREUD'S HIGH QUALITY DOOR AND WINDOW SYSTEM SOLUTIONS

THE demand for timber windows has increased significantly in recent years, across all sectors: from new building construction to renovation, thanks to its timeless design, elegance and functional characteristics.

Leveraging nearly 60 years of experience and manufacturing know-how, as well as a comprehensive knowledge about the British window design and construction details, Freud has engineered its flush casement 89/69mm, an innovative timber window system dedicated to the joiners who want to produce typical English windows, suitable for traditional, or period buildings.

The flush casement system is available in multiple configurations in terms of style, thickness and components.

The corner joint can be realised with traditional tenon and slot, or with counter profile and dowels – optional with Split-Edge technology that reduces cutting pressure and prevents

edge chip out. This is not the only technology designed by Freud for the window tooling market.

For customers who demand a combination between timber aesthetics and aluminum performance and durability, Freud has developed the Alu-Clad casement window system 89/69mm.

By simply replacing a knife or an insert – in-house manufactured by Freud – joiners can implement changes to the window aesthetics and produce windows that greatly differ in style and functionalities.

Freud's wide range of solutions also offers a complete portfolio of adjustable tools, suitable for traditional spindle moulders, profiling and CNC machines, as well as the latest generation CNC machines - providing the right recipe for flawless results and the greatest versatility.

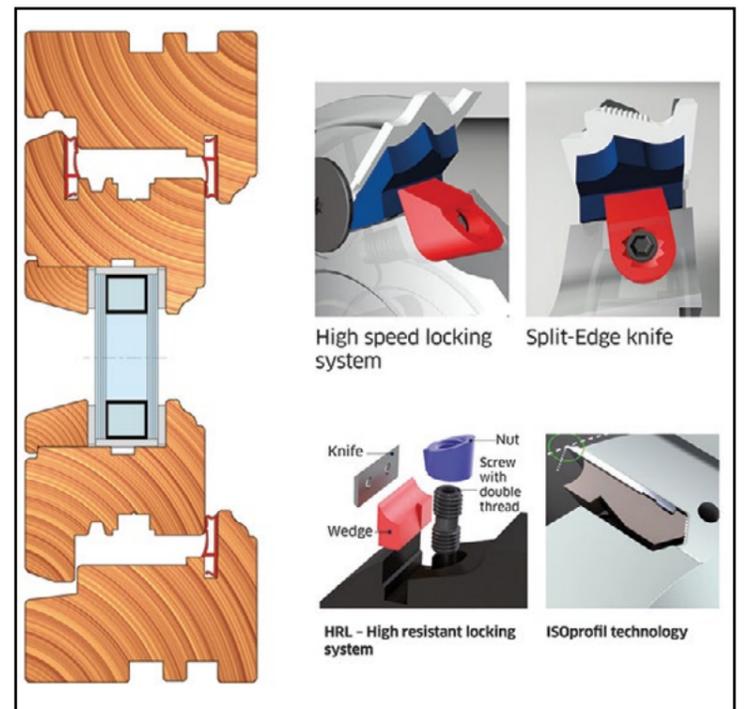
For traditional machines, Freud offers WT systems featuring a revolutionary and patented ISOprofil technology, that guarantees the automatic cutting profile recovery after each re-sharpening and six re-sharpenable knives.

While for high-speed CNC machines, Freud engineered the HSI High Speed ISOprofil. It features an exclusive locking system – that allows the use of ISOprofil re-sharpenable knives at high rotating speed and at extreme feed-rates – and Split-Edge knives, which reduce the cutting pressure and

prevent edge chip out. HSI improves the machine performance, enabling a higher production in a reduced time.

The ease of access to knives and their fast re-positioning reduce both the set-up and the maintenance time tremendously, thus very considerably increasing productivity.

For further information visit www.freudtools.co.uk



TOOLING OF THE RIGHT CALIBRE FOR THE PROFESSIONAL USER

CALIBRE Tooling was founded in 2001 and is now firmly established as one of the UK's leading specialist router tooling suppliers.

The company specialises in supplying the highly regarded Italian FUL product range in the UK.

With a close working relationship with tooling manufacturer, FUL, Calibre can supply high quality tooling through its established network of professional distributors – giving a next-day delivery service.

These professional router cutters and drills offer exceptional durability and quality with sensible pricing.

Calibre/FUL specialises in solid carbide spiral tooling and drills, which include a high-performance range of solid carbide drill bits, together with a comprehensive range of TCT router cutters and profile tooling.

Heavy duty replacement tip tooling designed for panel sizing features strongly in the product range, as does a series of dedicated spiral tools for door production.

Additions to Calibre's new products are long-series solid carbide drills, which are ideal for deep drilling into soft and hard woods and a range of drills featuring high tolerance shanks, designed to be used in collet chuck systems.

These drills can be run at 8,000-10,000 rpm, giving scope for higher drill feed rates and improved finish and production times.

The new catalogue can be downloaded from the Calibre Tooling website from where a hard copy can also be requested.

Included with a comprehensive list of all the company's products, customers will also find technical drawings and measurements of the entire range with prices, safety information to show how best to use individual products and

special instructions and tips for particular products to help achieve optimum performance.

Calibre Tooling has over 40 years' experience in the tooling industry. The company's main aim is not only to supply its customers with one of the best ranges of products on the market, but also to provide support and assistance in their use wherever possible, including safety advice.

Calibre Tooling has successfully helped customers troubleshoot tooling challenges to ensure that they achieve the best possible finish in accordance with their individual requirements. In addition, the company can supply special tooling (custom-made) to solve customers' production problems.

The staff at Calibre Tooling, headed by Adrian Wagenaar, who has well over 40 years of experience working in the tooling sector, always welcome any customer feed-back.

In 2019 Calibre Tooling relocated to the Weltech Centre in Welwyn Garden City, Hertfordshire. This move facilitated the provision of sufficient space for new additions to the range, including drills, replacement tips and spiral tooling.

Key to the relocation to Welwyn Garden City was the

Professional drills, spirals and collets from tooling specialists, Calibre/FUL include a high-performance range of solid carbide drill bits, together with a comprehensive range of TCT router cutters and profile tooling.



recruitment of Michelle Wagenaar (Adrian's daughter-in-law).

Michelle is business manager and director. She has been responsible for developing new sales order processing systems and improvements to the stock control, as well as upgrading general business systems.

For further information telephone Calibre Tooling on 01707 386111 or visit www.calibretooling.co.uk



Rebate and sizing cutters feature in the new catalogue, which can be downloaded from the Calibre Tooling website from where a hard copy can also be requested.



Domino cutters are amongst the items that can be purchased from Calibre Tooling - all offering exceptional durability and quality with sensible pricing.

OSTERMANN'S NEW ABS EDGINGS WITH CUTTING-EDGE MARBLE DECORS

MARBLE has been processed since antiquity. Back then, the material was used in edifices and for sculptures.

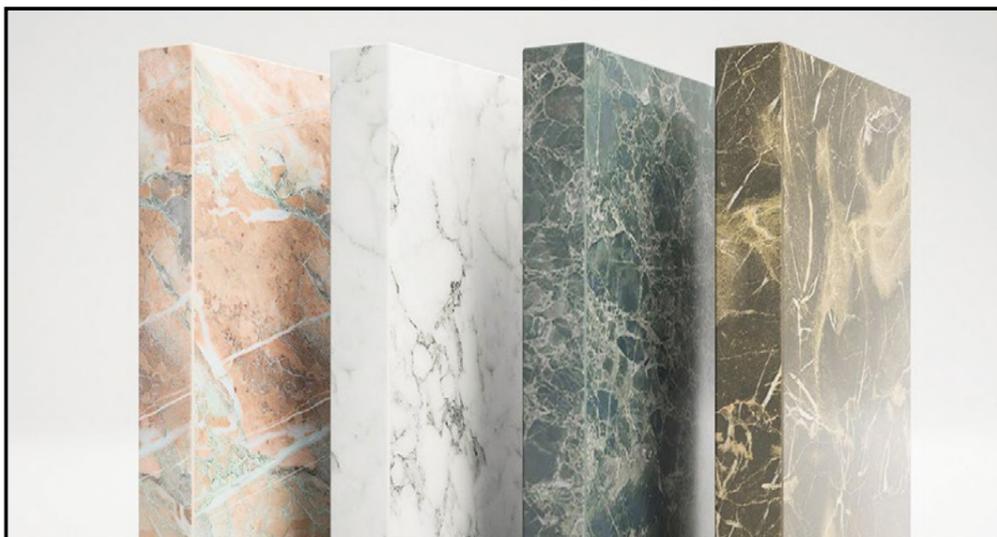
Today, marble decors are still very popular and reproductions of the exquisite material can be found in nearly all board collections. Indeed, Ostermann has just added four new decors to its extensive range of ABS edgings.

Marble is en vogue in interior design. It stands out with a high-grade look, comes in many different variations and its different colours and inclusions make every board unique.

The massive stone material is hard to process, though – at least, with woodworking machinery.

Fortunately, Ostermann has just launched four new ABS edgings with marble decors. These are available in the dimensions 23mm, 33mm, 43mm and 100mm x 2mm and supplied from a length of 1m.

[ABS edging Engelsberg Marble](#)



Engelsberg marble is known for its red colours, interspersed with white streaks. It can be seen in many Viennese buildings, such as in St Stephen's Cathedral.

Nowadays, the material no longer meets the requirements for building materials, due to its lower compressive strength, but anyone still wishing to apply its unique look to interior design can use the ABS edging, Engelsberg Marble.

[ABS edging Oriental Stone Brown](#)

The Ostermann ABS edging Oriental Stone Brown shows a classic marble decor with a basis of dark brown shades, interspersed with streaks in tones from light orange to white.

What makes it special is the matt surface finish, which goes perfectly with cutting-edge matt and light plain boards, but also with dark wood decors.

[ABS edging Kings Marble Green](#)

This edging captivates with a very matt look, as well. On the natural decor, dark, blue-green inclusions are surrounded by many grey-brown streaks.

The consistent design of the surface is suited for a combination with uni-coloured sandy shades, or light woods.

[ABS edging Carrara Marble](#)

The term Carrara marble hardly needs any further explanation. The origin of the famous rock is northern Tuscany. Classic Carrara marble is usually white, sometimes slightly grey, blue, yellowish or reddish.

The Ostermann edging is mainly white, with slight grey inclusions. Due to its rather neutral colour scheme, it can be combined in many ways.

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

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WEDD JOINERY TALKING REWARD OPPORTUNITIES



companies in the UK to become involved in post-forming, one of the first companies in the UK to use Formica's HPL and, in the 1980's, one of the first companies to integrate Magi-Cut optimisation software into its production processes.

'It's natural progression – just like it was when my father decided to join my grandfather in the family business and branch out into making doors and window frames,' says Peter Wedd.

'By the 1960s we had our first commercial joinery project: an order for timber framed bus seats with laminate formed backs for Marshalls Motor Bodies.

'It was the next logical step for Wedd Joinery and more commercial joinery projects soon followed,' says Peter.

Peter believes that good companies facilitate change but, only when it makes sense to do so.

'Take our recent business acquisition as an example. We purchased the furniture manufacturer, Camweavers in 2018 after building a 70-year relationship with the company.

'It had a good client base that didn't conflict with our existing market, an experienced workforce and a very good reputation in the industry.

'Not only did the investment allow us to gain new business in new markets, it also offered us 14 skilled employees that we could integrate into our existing production team.

'By bolting on another company to our own, we have increased our turnover and increased the skill levels within our business,' says Peter Wedd.

The importance Peter places on his team is clear to see.

'I've always had a theory that anyone can buy new machinery, but you can't buy good people.

'Our team is currently made up of three apprentices and over 30 people on the shop floor, with our longest serving, former apprentice, being with us for 47 years.

'The experience of our long serving, highly skilled joiners is invaluable to the younger team members and it is this kind of experience money can't buy,' says Peter.

'It's not just internal relationships that remain an important factor for the well-established joinery company.

'We've built some great relationships with our suppliers over the years. We've been working with Lathams since our inception and our laminate supplier IDS, for decades. We are now an IDS Platinum Customer.

'We continue to work closely with our Corian supplier, CDUK, edging specialist, Osterman and adhesive supplier, Jowat and have now become a Formica Approved Contractor.

'These are important relationships for us and a great deal can be said for loyalty but, that said, we can't afford to become complacent – we all know that,' says Peter.

'In fact, it's one of the company's newest suppliers, Panelco, that has had the biggest impact in its production processes in recent years.

'We now buy the majority of our board material through Panelco. Their service has been a game changer for us.

'Every order is delivered next day and even a single sheet of



CHANGE: It's a word that has the ability to challenge the norm and make you do things differently. However, when you've been in business for almost 100 years, how do you navigate the risks associated with change and remain adaptable enough to face the new opportunities it can bring?

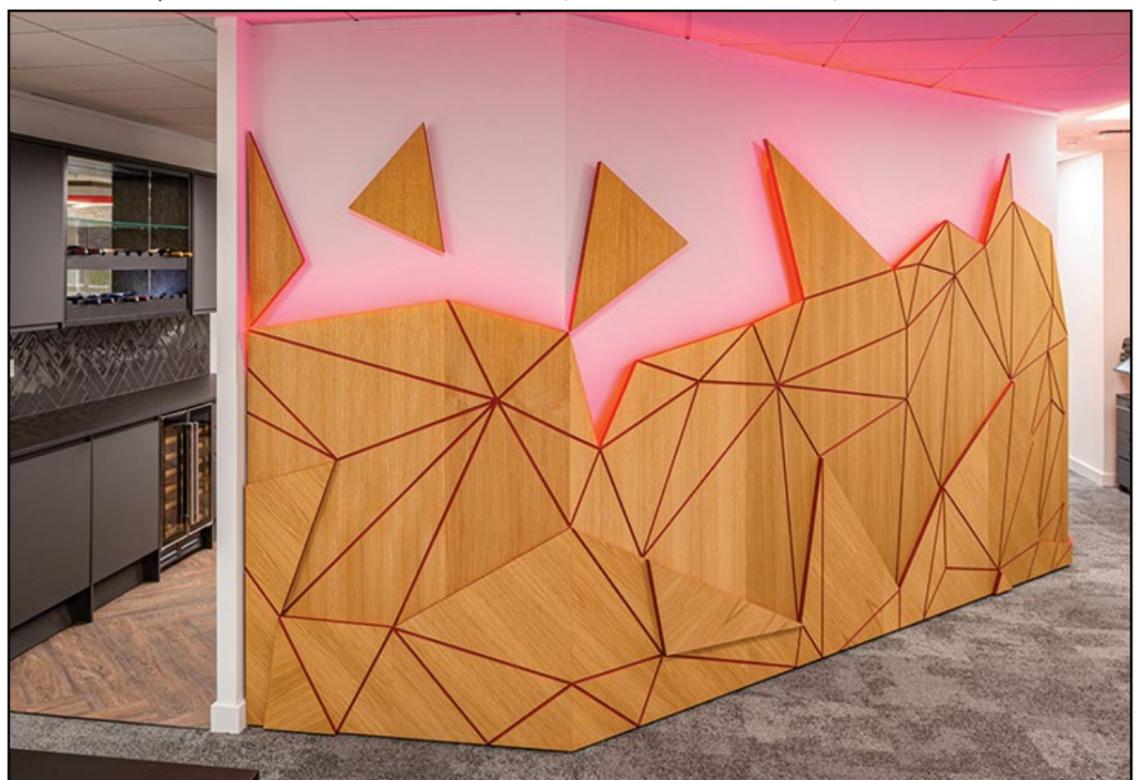
For Cambridgeshire-based joinery manufacturer, Wedd Joinery, the secret to its 95-year success story lies in its openness to evolve and its commitment to remaining true to its core values.

'Wedd Joinery has come a long way since my grandfather started out as a house builder in 1925,' says third generation owner of Wedd Joinery, Peter Wedd.

'As a family-run business, we've been through wars, several financial crashes and now, a global pandemic, but we know our craft and we do it well.

'This doesn't mean we can afford to rest on our laurels. Now more than ever, businesses can't afford to stand still but, I don't believe you should ever effect change for change's sake.

It's this forward-thinking approach that saw Wedd Joinery become one of the first



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ABOUT THE RISK AND FROM ITS 95-YEAR HISTORY

MDF is with us by 6:30am the next morning.

'We no longer hold any stock in our warehouse, or have to plan our production times around our supplier's delivery dates. The whole process is incredibly flexible and allows us to work more efficiently,' explains Peter.

This approach also continues to Wedd's machinery suppliers.

'We've recently invested in new five-axis CNC machinery to run alongside our existing four-axis CNC.

'We wanted to invest in five-axis technology, because we knew it could save us time on repetitive work, such as cleaning out hinges and squaring out openings in panels.

Shortly after the five-axis machine was installed it was put to work on a very large contract that ran for over a year, manufacturing bookcases and library furniture out of 44mm thick European oak.

'What would previously have been a number of processes for us, including mortices and tenons, grooves for tonk strip, rebates for back panels, etc. was all carried out in one program on one machine and saved countless man hours,' explains Peter

Investments such as this are continuing to pave the way for the manufacturer, as sights remain firmly set on the future.

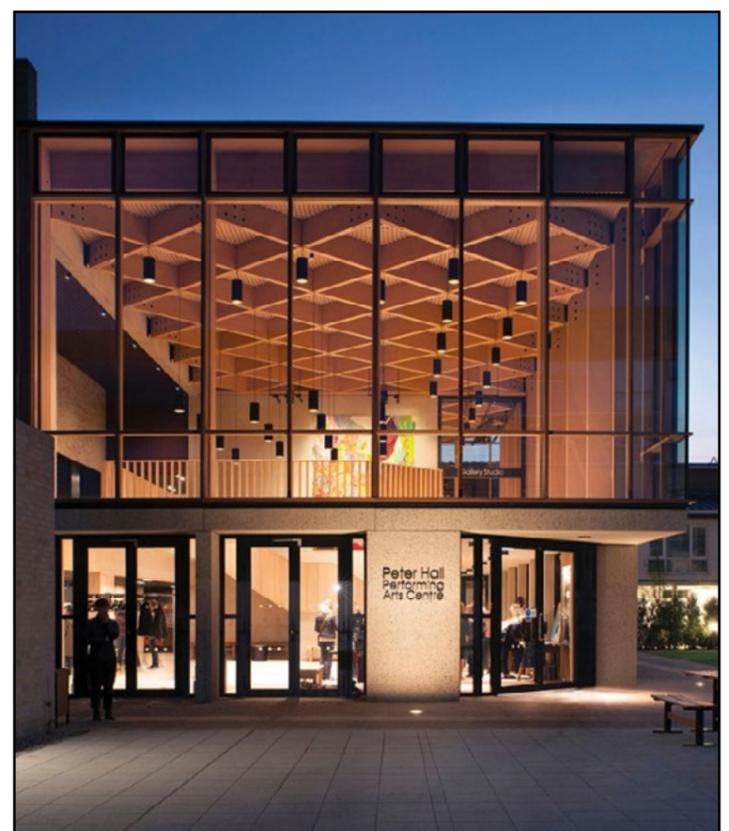
'We want to continue doing what we do and continue to do it well. We are witnessing an uplift in traditional joinery and cabinetry sales, as well

as bonding, panel sizing, edge-banding and CNC machining projects.

'It is this panel fabrication side of the business that is seeing the most growth and an area that we are focusing on with our subsidiary, Granta Panels.

'2021 has seen the purchase of zero joint line edge-banding technology, installed last month This will allow us to offer zero joint line edge-banding on curved panels, as well as adding a third CNC to our line-up,' concludes Peter.

For further information tel Wedd Joinery on 01223 841266. Visit www.weddjoinery.com



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SETTING THE TONE – BOLD, BRIGHT & BEAUTIFUL COLOURS BY EGGER

THE resurgent interest in deploying colour for modern interior design themes has never been stronger – and leading supplier, Egger brought an impressive palette to the table when it introduced its Egger Decorative Collection.

From dark and earthy tones, through warmer naturals featuring stone and metal, as well as uni-colours and pastels, designers and manufacturers can readily create striking concepts with a range of over 100 decors in matching MFC, MDF, laminate and ABS edging.

Both on-trend and classic interior schemes typically feature a wood grain, or material finish for a refreshing or impactful accent – or enable users to create a lighter touch by letting bright uni-colours and pastel tones take centre-stage.

Apricot Nude is once again popular, thanks to retro designs. It creates a modern contrast when combined with the trend theme Black. However, it is also a good for tone-in-tone combinations. The texture ST9 Smoothtouch Matt gives the entire uni-palette a matt feel.

Add personality to designs with subtle accents of blue. Mix effortlessly with greys, wood grains and stone materials for a sense of calmness and individuality.

Egger's extensive range of greys are the ideal base for contemporary designs. Creating a light and fresh feel, grey tones are suitable for use across a variety of applications.

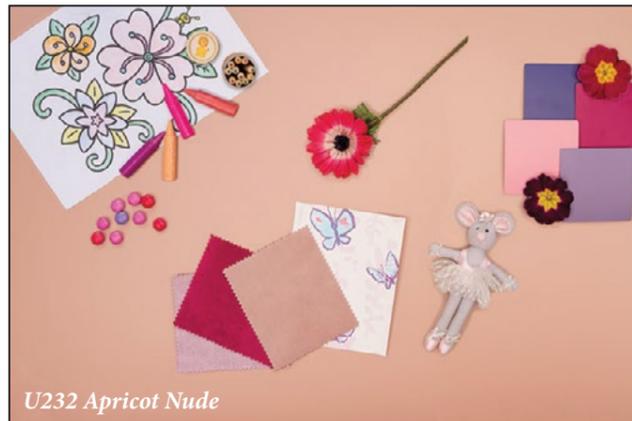
Egger's range of reds, oranges and pinks offer all the tones needed to create cosy looks, dramatic schemes or uplifting spaces.



U399 ST9 Garnet Red.



U633 ST9 Turquoise Blue



U232 Apricot Nude



U780 Monument Grey

For further information tel Egger on 01434 602191.
Visit www.egger.com

TTF SOFTWOOD CONFERENCE REVEALS THE PANDEMIC'S DEVASTATING EFFECTS ON DEMAND AND SUPPLY CHAINS

STRONG global demand for softwood means that supply will continue to be tight in 2021 in the UK and may well tighten further, it was revealed at the UK TTF's recent Softwood Conference.

Rather than viewing the current situation as a temporary spike before returning to old levels, merchants and contractors should be prepared to see this as the new normal.

'Historically the UK has seen high stock levels and a fairly easy supply situation. What is clear from the presentations today is that this has changed dramatically and is unlikely to return to "normal" anytime soon,' said TTF chief executive officer, David Hopkins.

'The predictions are that demand will outstrip supply for some years to come, with the result that all points in the chain will have to examine their purchasing and stock-holding strategies, to keep on top of their market,' he added.

The growth in global demand for timber, together with the changes in UK market dynamics, due to the on-going pandemic were fully evident in the presentations given by speakers from timber-producing countries across Europe.

Speakers covering the global market for softwoods, as well as the supply perspectives from Sweden, Finland, Latvia, Ireland and Britain, all delivered the same message to the market: softwood demand is still at record levels internationally and little additional sawmilling capacity is available to scale-up

production and thus remedy the imbalance. Supply will remain tight and high international prices being paid for timber are likely to continue to exert an influence on pricing here in the UK.

Economics director of the Construction Products Association, Professor Noble Francis told delegates that the RMI market is currently still buoyant, due to consumers choosing to spend money saved during the pandemic on improvements to homes: some £160 billion had been saved by those consumers able to do so during the last year.

Whether this trend would continue, or whether consumer spending will "rush" towards hospitality and holidays as lockdown measure ease, remains to be seen.

Professor Francis also emphasised that timber is a globally-traded product and subject to internationally-influenced pricing trends, also citing vast uplifts in house-building in China and Australia and the USA.

Whilst the CPA forecasts growth of possibly 10 per cent in private housing RMI in 2021, accompanied by private house-building growth above 15 per cent and public sector house-building at just under 15 per cent, he urged caution with these figures, as comparisons were influenced by a lowered, pandemic-influenced base.

Managing director of Glennon Brothers, Mike Glennon detailed the challenges for the Irish timber sector, including forestry felling licenses and post-Brexit problems relating to trade with Northern Ireland.

Yet he also underlined that Irish producers had come through uncertain situations before and would do so again, with Britain being the most important market for Irish timber and wood product exports.

Sales manager, carcassing at James Jones & Sons and chairman of the TTF's National Softwood Division, Keith Ainslie reported that UK softwood mills are at or near capacity and that recent investments had focused more on operational efficiency than adding capacity.

British log prices into the UK's sawmills had seen enormous price inflation; British mills were now carrying less stock and a narrower



product range in order to maximise outputs. He also outlined the effects of consolidation in the builders' merchant market and the changing patterns of business, including increasing online sales and meetings, questioning whether past models of reps visiting merchants would ever return to the levels previously accepted.

Speakers from the European producing countries were marketing & business development director of Setra Wood Products of Sweden, Olle Berg; managing director of AKZ Timber, speaking on the situation in Latvia, Kevin Hayes and managing director of Finish Woodworking Industrie, speaking on Finland, Matti Mikola.

All three confirmed that the UK was still a highly significant market for their countries. They collectively agreed that a growth figure for timber sales in the UK in 2021 of around 4 per cent, put forward by fellow presenter, managing director of Timber Trends, Nick Moore was entirely feasible, even taking into account various pandemic-influenced caveats potentially affecting the market place.

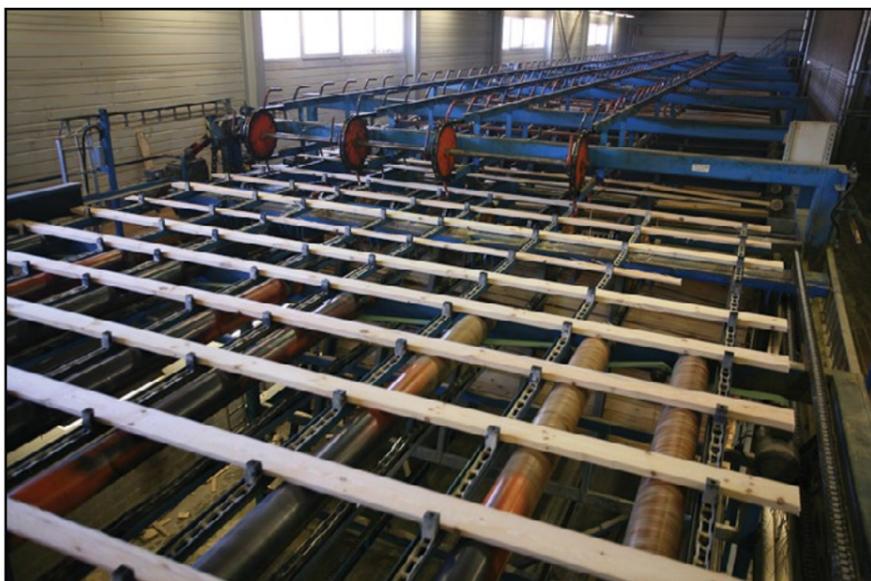
Olle Berg of Setra Wood Products also took the audience through the global demand for softwood products, which clearly demonstrated demand outstripping supply.

It is a situation that that has been worsening over a number of years, but which has now been accelerated by the COVID pandemic.

Influencing factors included reduced production in Canada; bans coming in on Russian log sales to Europe, the flattening out of European log harvesting, and the influence of China, which had been buying even bark-beetle-affected timber from central Europe.

His salutary conclusion was that: "Raw material will not get any cheaper."

For further information tel TTF on 07921 726212.
Visit www.ttf.co.uk.



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NEW FROM MAKA - THE PM-MODULAR PROVIDES A BENCHMARK FOR UNIVERSAL FIVE-AXIS MACHINES

MAKA's constant drive to improve solutions has resulted in its latest generation of high-performance CNC machining centres. The PM-Modular is designed for joinery manufacturers. It represents an improved version of the original PM270 range, with improved operator and safety features making this five-axis machine easier and quicker to set-up, according to MAKA.

The PM range has long been a favourite for many leading joinery manufacturers worldwide. This latest version is equally at home in high-volume stair production, as it is producing bespoke doors, windows, newel posts and panels.

'The improvements are more than cosmetic. The PM-Modular is fundamentally uncompromising, with intelligently configured working units, large and fast tool-changers, with very robust and flexible clamping tables, with pods and rails providing two zones

and a maximum working area of 6000mm x 1600mm x 400mm,' says managing director, Iain Young.

'Dust and waste management is also built in. The new format features the original PM table base. The head is supported on the double-supported cross-beam with gantry-drive, driving the moving bridge on both sides.

'Clearly, this is no ordinary woodworking machine. The new controls, drives, guarding, access panels and doors, along with simpler, faster and more reliable electro-mechanical parts, make running these MAKA machines easier, more flexible, safer and faster,' says Iain.

'Today's generation of MAKA machine are even stronger, more precise, and faster. The five-axis heads feature Galaxie

drives, providing faster five-axis moves, with twice the clamping force, making this machine cut deeper and quicker. Larger tools may also be used, including 400mm diameter saws and moulder-style cutting blocks.

'The PM-Modular's control system and the inherent precision of Maka's mechanics, make it possible to go from screen-to-machine reliably, so products can be made right, first time.

'The user will further benefit from longer tool life and improved operations downstream, including finishing and assembly,' explains Iain.

'Along with lower maintenance costs and maximum uptime, this MAKA machine will improve any joinery manufacturer's bottom line,' concludes Iain.



MAKA PM - Modular's clamping bars and pods.



PM Modular's sturdy pods provide space to machine and stability.



MAKA's new PM Modular.

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TERABLACK FROM TITUS IS MUCH MORE THAN A COLOUR OPTION

WITH a close eye on emerging trends in the international furniture market, cabinet hardware expert, Titus has developed TeraBlack versions of many of its most popular products, including its successful T-type hinges, TL5 Full Metal Jacket dowels, shelf supports and push latches.

The new Tera (Titus Enhanced Resistance Application) versions feature an attractive, non-reflective, dark-grey finish, which not only retains its appearance throughout its working life, but also offer enhanced resistance to scratching.

Particularly well suited to applications in high-end premium kitchen furniture, Titus TeraBlack products fully meet the requirements of designers and consumers looking for unobtrusive yet attractive cabinet hardware. They have highly uniform surfaces and a velvet feel that complements their quality and enhances consumer appeal.

'At Titus, we put a great deal of effort into monitoring developments in the furniture sector. Recently we've seen a growing demand for matte black cabinet hardware,' says general manager at Titus UK, Phil Beddoe.

'We weren't satisfied, however, with the idea of responding

by simply offering another colour option – we wanted to offer a market-leading solution that combined a visually appealing dark matte finish with genuine and valuable product benefits.

'Drawing on our unique expertise in cabinet hardware development and manufacture, that's exactly what we've done with the new TeraBlack versions of our products,' says Phil.

The T-type hinges with integrated soft closing are suitable for use on a wide range of doors with thicknesses up to 34mm.

Titus' unique three-way snap-on mounting system makes them very easy to install, even on large, heavy doors with multiple hinges.

The range has recently been extended to include pie-cut (bi-fold) hinges for corner cabinets, which fit standard drilling patterns and feature convenient "double-lock" opening.

This means that users can either open just one door leaf to gain access into the cabinet interior, or they can fully open the doors by locking the hinge cup and make the door leaves work as one.

The innovative Quickfit TL5 Full Metal Jacket dowels provide strong, reliable joints in all types of wooden materials, including MDF, chipboard and solid wood. This means that it is no longer necessary to use different dowels for different

materials. In addition, the new dowels offer fast, tool-free insertion, reducing assembly time by up to -50 per cent for home-assembled furniture.

Alternatively, for maximum efficiency in volume production applications, they can be inserted automatically using Titus FastFit machines.

With three types of mounting available and three types of installation possible, the broad range of shelf supports and retainers suit a variety of shelf thicknesses and materials and allow for easy fixing.

The new TeraBlack products are Titus-engineered solutions, supported by tightly controlled, repeatable, efficient, flexible and scalable manufacturing processes that provide the performance, consistency and quality essential to manufacturers of high-end furniture.

It is certainly the case that TeraBlack from Titus is much more than a colour option, providing a touch of class.

For further information tel Titus on 01977 682582. Visit www.titusplus.com



TITUS IS NEW INSTITUTE SPONSOR

TITUS is to become the latest corporate sponsor of The British Institute of Kitchen, Bedroom and Bathroom Installation as the organisation continues to grow its reach into industry manufacturers.

Over the past 40 years, Titus has been active in multiple industries, including furniture and household appliances through the use of damping technology within the company's hardware solutions range.

An international brand, Titus provides global solutions and embraces the versatility and know-how of its teams worldwide.

Through innovative product design, Titus develops and manufactures precision components to improve the competitiveness of furniture and cabinetry.

'At Titus, we place a great deal of effort into monitoring developments in the cabinet furniture sector and we are delighted to be supporting the objectives of the Institute,' says general manager at Titus UK, Phil Beddoe.

'We look forward to leading positive change when it comes to quality products, services and best practice and we see installation as an integral part of such development,' adds Mr Beddoe.

'It's clear that industry manufacturers are connecting their product and the importance of installation,' says the Institute's chief executive officer, Damian Walters.

'As I've always maintained, our industry can innovate, manufacture, distribute, design and sell beautiful product, but, to coin a pun, installation is a critical component and I'm delighted that another well respected manufacturer understands the importance of what we do and are stepping up to support us too,' adds Mr Walters.



For further information tel Titus on 01977 682582. Visit www.titusplus.com

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Email us at: bill.willowe@gmail.com

WOOD WASTE CONTROL EXTRACTION SYSTEM CLEANS UP AT MOTEXION PLANT IN VAUXHALL'S LUTON FACTORY

DUTCH company, Motexion Equipment has invested more than £50,000 in a bespoke dust extraction system from Wood Waste Control (Engineering) Ltd for its new plant within the Vauxhall commercial vehicle factory at Luton.

The company produces internal wooden panels for lining commercial vehicle payload areas and previously shipped UK requirements in from its factory in the Netherlands. However, last year it installed two large CNC routers within the Luton plant to enable it produce all the panels required for the Vauxhall, Opel and Peugeot vans manufactured there.

'Having spoken at length with three dust extraction specialists we chose Wood Waste Control, who were extremely helpful in discussing possibilities, benefits and possible difficulties. They seemed to be the most committed to finding the solution we wanted,' says Motexion operations manager, Paul Brooks.

Wood Waste Control is one of the UK's leading dust extraction and heating equipment specialists for the woodworking industry. It designs, manufactures, installs and commissions solutions from simple stand-alone bagging units through to complex integrated extraction and heating systems.

For Motexion it specified, designed, manufactured and

installed a system based around its WFS 13-2J Modular filter with 22kW main fan and 1000 rotary valve unit, mounted on a purpose-made steel structure and discharging into a Reinbold RB100 briquetter press.

The briquetter produces wood waste pellets and provides a convenient easy-to-handle way of moving the waste offsite, where it is then sent for recycling.

'The installation went very well. The system has been designed to have plenty of spare capacity, so it will be able to cope if and when we install a third CNC machine,' says Mr Brooks.

Wood Waste Control provides a broad range of well-proven shredders, including horizontal grinders and briquetting machine for all applications.

In addition, Wood Waste Control's range of manual and automatic warm air models are capable of burning a wide range of wood fuels automatically, as well as accepting hand-loaded offcuts, for installations where a heater is possible.

For further information tel Wood Waste Control Engineering on 01628 525290. Visit www.woodwastecontrol.co.uk



PIONEERING ROCHDALE DOOR MANUFACTURER WINS QUEEN'S AWARD

CRYSTAL Doors, which has completely transformed its factory in response to the climate emergency, is one of just five companies in the North to be honoured with a Queen's Award for Enterprise for Sustainable Development ahead of the COP26 climate summit in November.

Established in 1994 in the centre of Rochdale, Crystal Doors manufactures vinyl-wrapped doors and components for kitchens, employing 34 local people who, on average, live less than three miles from the factory in the centre of Rochdale.

The company has been recognised with the prestigious national award after pioneering an innovative approach to achieving net zero manufacturing.

A radical sustainability programme – featuring smart autonomous machinery, energy efficient technologies, solar panels, electric vehicles, carbon literacy training and biomass heating fuelled by the factory's own waste – has reduced Crystal Doors' direct carbon foot-print by nearly 80 per cent in just five years.

The measures are also saving nearly £200,000/year in energy and material costs, showing that it is both possible and desirable for businesses of all sizes to benefit by taking action on the climate crisis.

Managing director, Richard Hagan first recognised the need to act after environmental concerns nearly closed the factory in 2015.

'The science says that we only have a few years of inaction left before achieving our global agreements on greenhouse gas emissions become impossible. It is our collective responsibility, as businesses and as a society, to take action,' says Mr Hagan.

'Our story is proof that even small organisations with tight purse strings like ours can turn things around rapidly,' he adds.

Established in 1965, the Queen's Awards for Enterprise are the most prestigious business awards in the UK.

Winning businesses are able to use the esteemed Queen's



Awards emblem for the next five years.

Only 34 organisations in the North of England have received the Sustainable Development award since it was first introduced in 2000.

'We're proud of our industrial heritage here in Rochdale and the wider North. It's even more important that we kick start

the transition to a Green economy in traditionally deprived communities like ours, where we can create high quality green jobs for local people,' says Mr Hagan.

'Rochdale has set an ambitious target to be carbon neutral by 2038, far ahead of the UK's 2050 target. If the Government puts the right policies in place, the North of England has enormous potential to use its industrial expertise to drive a Green industrial revolution and Green recovery in the UK,' says Rochdale MP, Tony Lloyd.

'Congratulations to Richard and Crystal Doors for their well-deserved Queen's Award win and for showing us all what's possible,' adds Mr Lloyd.

Crystal Doors is now planning to reach full carbon neutrality across its entire supply chain in time for the UN COP26 climate summit in Glasgow in November, partly by ending work with companies that have not committed to net zero themselves.

For further information visit www.crystaldoors.co.uk/carbon-neutral



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NEW RANGE FROM SIKKENS WOOD COATINGS DELIVERS QUALITY RESULTS

SIKKENS Wood Coatings' next generation of CETOL® offers a new and versatile exterior translucent system with refined product range, giving even better choice to manufacturers of joinery, construction and cladding.

The CETOL® WF 98xx translucent range of water-borne single pack top coats for wooden windows, doors and claddings, provides excellent application properties, transparency and high durability.

The range is suitable for all types of wood, giving a high-quality surface and a great look and feel to any wooden doors, joinery, or cladding, whilst delivering no dirt pick-up and excellent levelling.

The new CETOL® WF 98xx range is part of AkzoNobel's global weathering program. With weathering test locations in Europe, North America and Asia-Pacific, AkzoNobel is able to evaluate more than 200,000 samples in a variety of climate conditions and monitor their long-term durability.

Samples are exposed and monitored, with regular parameter checks and visual inspections, in a variety of outside weathering conditions over a longer period of time.

By testing against outdoor exposure, Sikkens wood coatings can define the durability of the systems and offer reliable solutions.

These rigorous weather simulation tests help demonstrate that

coated substrates can easily endure outdoor weather conditions even in extreme environments, ranging from Arctic snow and ice to the searing desert sun and muggy, humid tropical climates.

The durability of the CETOL WF 98xx range has been proven using these same rigorous outdoor durability tests to provide a high-quality standard across all products.

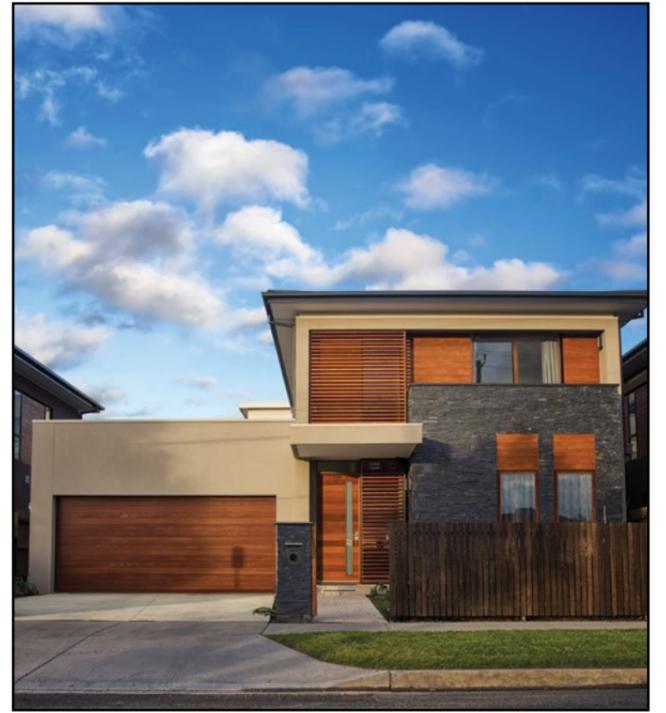
'This next generation of CETOL® offers excellent durability, proven through our own test reports and EN certificates,' says product marketing director - Wood Finishes & Adhesives, Steven Sternberger.

'The "no dirt pick-up" and excellent application properties, give a brilliant surface, maximum durability and improved production efficiency,' says Mr Sternberger.

'We are thrilled to bring this system range to the market and continue to develop our portfolio of excellent exterior products for manufacturers of wooden joinery, construction and cladding,' he adds.

The various different products within the range deliver superior performance and excellent durability from a single platform. The new range comes in all colours.

For further information
visit www.sikkens-wood-coatings.com

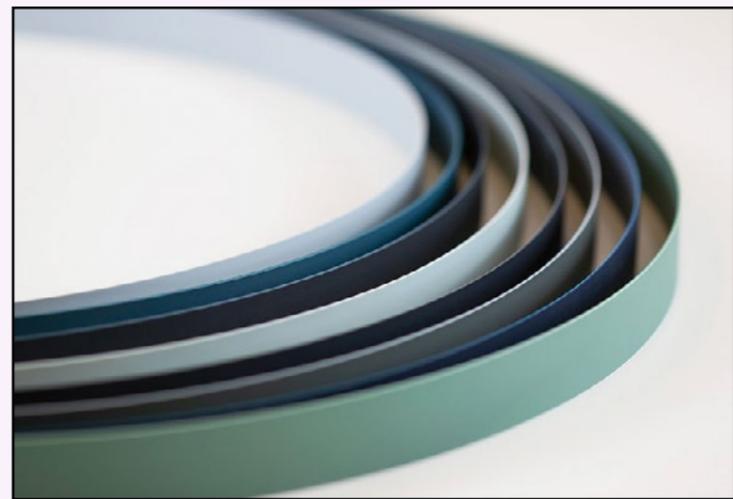


EXTREMELY MATT EDGINGS IN VOGUE

EXTREMELY matt surfaces make an elegant impression and are currently popular in kitchens.

For a perfect impression even on the narrow surfaces of furniture boards, Ostermann offers a growing selection of edgings with an excellent matt surface finish. Besides standard colours, there are more and more colourful unis.

The variety of Ostermann edgings with extremely matt finishes has now increased to more than 50 different uni-colours... and it is a growing trend.



The spectrum reaches from various white tones to shades of beige and grey to deep black.

Noteworthy are the many new edgings in rich plain colours; Ostermann has just extended the assortment, particularly in the blue and green spectrum.

New shades of blue and green

Besides dark shades of blue, such as the edgings Indigo Blue, Bleu de Prusse, or Blu Fes, Ostermann also supplies, with Bleu Pétrole, a solution with a maritime petrol tone.

The light blue variant Horizon is also new. Matt green tones are found under names such as Lagoon, Verde Brac and Verde Comodoro.

How to combine the edgings

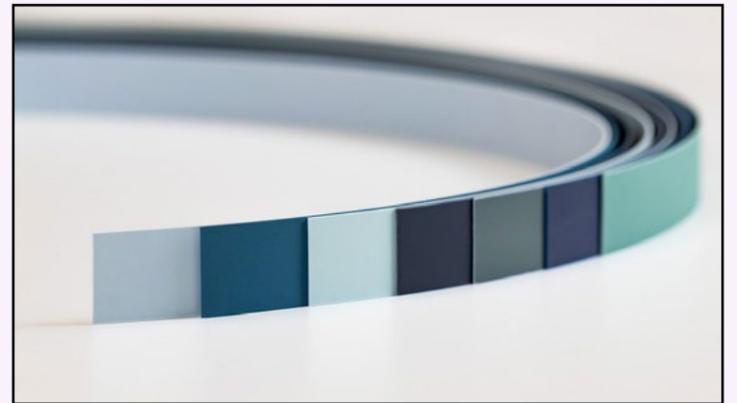
The new uni-colours can be combined quite well with neutral colours, such as matt white, beige and grey shades, or with light wood decors.

Among the latter, even rather striking wood patterns are a fine choice to create special pieces of furniture.

Meanwhile, the matt look of the surfaces gives the furniture an air of elegance and unique modernity.

Matt, more matt and excellent matt

Besides edgings with an excellent matt surface,



tradespeople will find ABS edgings with many other gloss levels and embossings at Ostermann.

The variety of other gloss levels ranges from super matt and smooth to the extremely shiny excellent gloss finish. There are additionally several different embossings, for example a wooden structured, stone, or linea structured embossing.

All ABS edgings are supplied in small quantities from just 1m. Stocked goods ordered by 4pm will leave the warehouse that same day.

For further information tel Ostermann on 01905 793552.
Visit www.ostermann.eu

SHARING THE MESSAGE CONCERNING SAFETY

NEWLY released Toolbox Talks, designed to share specific safety messages on work sites are now available from the International Powered Access Federation (IPAF).

They are two short presentations aimed at explaining the use of personal fall prevention equipment (PFPE) when using mobile elevating work platforms (MEWPs) and what to look

for when checking PFPE before use.

The presentations add to the existing suite of Toolbox Talks, which supplement the simple safety messages contained in the popular series of Andy Access posters for work sites.

The Toolbox Talks can be found on the IPAF website at www.ipaf.org/toolboxtalks while all IPAF's Andy Access posters can be viewed at www.ipaf.org/AndyAccess.

All are free to download and available to users of MEWP, or mast climbing work platform (MCWP) equipment.

'These Toolbox Talks are already being used enthusiastically by managers and supervisors on a whole range of sites. They are a simple way for employers to get simple safety messages across,' says chief executive officer and managing director at

IPAF, Peter Douglas, as he discusses safety measures.

'IPAF is committed to delivering a range of Toolbox Talks to complement the Andy Access series of posters and all are free for anyone to download.

'IPAF recommends that all those overseeing temporary work at height using powered access review and download the posters and presentations.

'They are short and to the point and only take a few minutes to deliver. These should be used on a daily or weekly basis to re-inforce key safety messages.

'Complacency and overfamiliarity with a task can be a danger in every workplace so, by introducing new topics, you can ensure safety briefings stay fresh and help to concentrate minds.

'Even experienced operators will benefit from being reminded of the safety basics that sometimes get forgotten or overlooked during a busy working day,' concludes Mr Douglas.

The next wave of Andy Access posters and Toolbox Talks are in development with more due to be released throughout 2021.

For further information visit www.ipaf.org/AndyAccess and www.ipaf.org/toolboxtalks or www.ipaf.org/contact



To find all the latest news online go to www.industrialwoodworking.co.uk

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NEW MODELS LANCHED BY COMPAIR

NEW models have been added to CompAir's renowned L-Series range of oil-lubricated screw compressors, delivering cutting-edge performance and reliability to help reduce the total cost of ownership for operators.

Covering 2.2kW to 7.5kW models, the new fixed speed units are highly versatile. From a stand-alone compressor to a complete air station with a high-performance dryer and intelligent control system for low-pressure losses, the systems can help meet a range of individual customer requirements.

The user-friendly and compact design of the new CompAir L-Series range means that they are easy to use and ready for plug-and-play operation.

As a result, these solutions are ideally suited to smaller applications across the woodworking sector, which

specifically requires high-performing compressors to meet fluctuating air needs and to ensure energy efficiency, ease of maintenance and low noise operations.

The compressor itself requires a minimum floor space of only 60cm x 65cm, with the receiver-mounted models being exceptionally space-saving.

With noise levels as low as 63 dB(A), these latest models can be installed almost anywhere without major disturbances to the working environment.

There is no need for a separate compressor room, or expensive pipework, with the result that installation costs are reduced.

The simple design of the units also minimizes the number of moving parts, improving reliability and scaling back maintenance costs.

Compressor maintenance is made easy by the removable top and side doors, providing users with quick and easy access to all service points.

The latest L-Series compressors feature a new C-Pro1.0+ controller as standard. Information about pressure, oil temperature and compressor status to the operator together in one display.

The controller offers a host of other features too, including a communication port RS485 supporting Modbus.

It can be used also as a sequencer between two machines with C-Pro 1.0+, continuously monitoring all the critical parameters of the compressor.

The screw compression element is at the heart of the compressor. Therefore, CompAir keeps the design and manufacture in-house, using the latest CNC rotor grinding machinery, coupled with online laser technology. The resulting reliability and performance ensure that operating costs remain low throughout the compressor's life.

A highly efficient ITEFC E3 electric motor is also fitted as standard, reducing power consumption and CO2 emissions.

'We are extremely excited to bring to market the latest models in our L-Series range. CompAir's new oil-lubricated screw compressor solutions can be relied on to provide consistent, cost-effective and high-quality compressed air and are capable of delivering pressure ranges up to 10 bar and volume flow between 0.18 to 0.89m³/min,' says product manager at compare, Dora Artemiadi.

'These new models are offered with a range of options to suit a user's unique requirements. For example, the Star Delta starter is included as standard from 4kW up to 7.5kW, while 5.5kW and 7.5 kW variants include an after-cooler to optimise air quality and minimise the size of downstream needed,' concludes Dora.

For further information visit <https://www.compair.com/en-gb/rotary-screw-air-compressors/2-5kw>



BRIQUETTE MACHINE SALES GO FROM STRENGTH TO STRENGTH

IN May, the UK Government launched the new Clean Air Strategy. International Woodworking Machinery (IWM) says that it is the first company to have its briquettes tested on a number of levels by an appointed Government energy testing station.

The results show briquettes have a burning heat and calorific value similar to that of coal but, more importantly, this renewable source of energy eliminates atmospheric pollutants found in fossil fuels and wet wood.

The Falach range

There are six models in the range: the Falach 20 cube machine, capable of producing up to 20kg/hr of 30mm² cube briquettes, is deemed ideal for small workshops, as it has a footprint of only 1m².

The Falach 50 briquette machine is IWM's best selling machine producing up to 50kg of briquette/hr – depending on material. It produces a 50mm diameter briquette, takes up little floor space and is available either free-standing, or can be sited directly under extraction systems. To date IWM says approximately 75 per cent are sited in this way.

Then there is the Falach 100 briquette machine, the

largest in the range producing up to 100kg/hr, producing a 70mm dia briquette.

This machine is available free-standing, or sited under the extraction system, making emptying dust bags a thing of the past. All IWM's machines are designed to run all day and installation is claimed to be simple – just plug in and play.

The machines can be fitted with a five-bag carousel unit that automatically bags 50mm and 70mm diameter briquettes evenly into each bag, or box weighing 20/25kg, depending on the material being used.

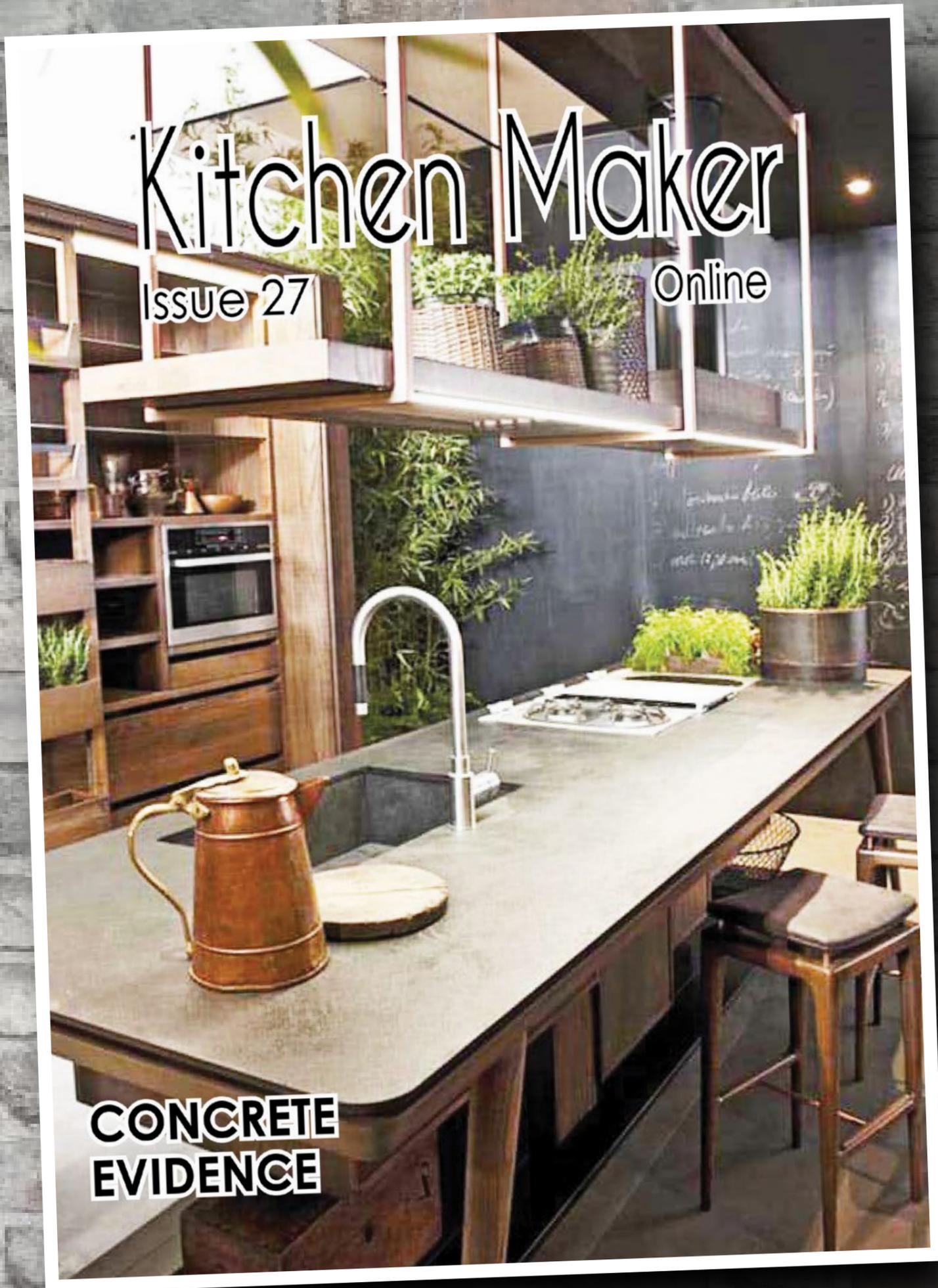
For further information tel IWM on 01636 918280. Visit www.iwmachines.co.uk



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