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RHINO THIN CUTTING BANDSAW

ANYONE looking to purchase top-quality used Weinig moulders, or grinders is almost certain to find what they are looking for at Rehomy – a Dutch-based company specialising in supplying used machinery from the German woodworking machinery manufacturing giant.

With a constantly changing stock (typically comprising used Weinig Powermats and Unimats), Rehomy is always in a position to offer a good selection of pre-owned machines.

Any prospective purchasers are welcome to visit Rehomy for live demonstrations of the company's extensive stock lines.

A recent addition to the range offered by Rehomy is the Rhino horizontal bandsaw.

A wide range of horizontal and vertical bandsaws is available, but Rehomy would particularly like to draw the attention of potential purchasers to the especially thin cutting bandsaw range.

Thanks to their flexible design, the latest generation of the Rhino thin cutting bandsaws offers customers amazing performance.

No matter whether you are cutting timber, such as oak in either wet, or dry conditions, or you have the need for a single cut, or three cuts – Rhino machines can do it.

Cutting from 2mm lamella, they are suitable for anyone who involved in the production of engineered flooring.

The thin cutting series are equipped as standard with German-made Schneider touchscreens, PLC and inverters and also with a special saw blade guide system manufactured in Switzerland.

Rehomy has a range of demonstration machines in stock and welcomes customers for a free demonstration.

Among the items shown at LIGNA in May were a heavy-duty wide beam double-sided planer and, for the first time this year, Rehomy



had the Rhino double-sided planers with their massive 610mm x 200mm capacity on show.

Unlike conventional chain drive systems, these machines employ a patented synchronized transmission system along the four fitting columns.

The cardan transmission system is directly driven by flexible shafts for a high degree of accuracy and full power transmission.

The Rhino double-sided planer is claimed to provide the finest possible finish, coupled with high levels of accuracy, making it ideal for double-sided preparation of staircase components, pre-planing prior to frame and horizontal banding sawing, wide board surfacing for furniture surfaces and for the planning of structural Glulam and green oak.

These machines are available in 610mm, 820mm, 1,00mm and 1,300mm widths.

WEINIG ON A HIGH

WHEN joiner, Markus Bittel decided on the purchase of a Weinig Conturex window system, he was faced with a few challenges.

Markus Bittel runs a joinery business at the foot of the 4,478m high Matterhorn in Switzerland.

The story of how he got his hi-tech window system so high up in Zermatt, where all but electric vehicles are banned, is an extremely interesting one.

Turn to Page 3 of this issue for the full story.



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AN ENORMOUS FEAT HIGH IN THE SWISS MOUNTAINS

MARKUS Bittel runs a joinery business at the foot of the 4,478m high Matterhorn in Switzerland.

The story of how he got his hi-tech window system so high up in Zermatt, where all but electric vehicles are banned, is an interesting one.

The traffic in the narrow streets of the mountainous tourist



According to Markus Bittel, "With the Conturex we are now producing at a whole new level".

destination of Zermatt flows almost silently. Only electric vehicles are allowed in the town. Tourists arriving in cars are obliged to leave them at the terminal in Täsch.

The remaining 5km distance is traversed by shuttle train. Special authorisation is required for heavy haulage and this



The Weinig Conturex as installed at Markus Bittel's small joinery workshop business located at the foot of the 4,478m high Matterhorn in Switzerland.

is only granted within the small window between May and November. In other words, it is only granted in the off-season.

When joiner, Markus Bittel decided on a Weinig Conturex



A new record: no other Conturex is manufacturing at such a high level.

window system, he was faced with a few challenges.

Down in the valley, the 16.5-ton CNC machining centre was loaded on to two smaller transporters and then transported to its 1600m high destination.

The local authority granted only half an hour for unloading. This represented a considerable challenge, which the assembly team dealt with brilliantly.

Getting the already very compact machine into the small workshop literally came down to a matter of centimetres. A hole even had to be made in the ceiling because, otherwise, the extractor would not have fitted.

Markus Bittel would love to have more space. However, in the Zermatt valley, every square metre is worth its weight in gold.

A narrow building on the right side of the street has to serve for the work he needs to produce.

The only option left to gain more space was to use a narrow strip on the opposite side.

There, a small concrete building is situated against the nearby slope. Inside, there is very little space, so when the weather is good, some processes are taken outside.

Between the two parts of the joiner's workshop there is a narrow path through which walkers, mountain bikers and electric vehicles go up and down the mountain, from early in the morning to quite late at night.

'Anyone who works here has to love the mountains,' says Markus Bittel.

Despite the challenging circumstances, he is happy. The business works.

And a big part of why it does is that this joiner dared to bring a Weinig Conturex machine Conturex to this location situated high in the mountains.

Many of his clients are in the hotel and gastronomy industry. Between the two seasons, these professionals are left with little time for construction, expansion and renovation.

This results in tight deadlines, but thanks to his Weinig Conturex, Marcus Bittel is able to meet them easily.

He sums up what he loves about the system like this: "Intuitive production of individual parts without the need to constantly change equipment, as well as excellent processing quality thanks to clamping table technology."

Compared to the other machines on the market, what impressed him most was the Weinig philosophy that "the table is what drives the movement, not the tool," as he puts it.

All in all, the extremely flexible design of the

Conturex was the ideal fit for the many jobs with small batch sizes undertaken by Markus Bittel.

He is now able to keep up with his competition in the valley with ease – both in terms of flexibility and speed of delivery.

For further information tel Weinig on 01235 557600. Visit www.weinig.com.



Inside the workshop there is very little space, so when the weather is good, some processes are taken outside.

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WEINIG'S HELPING HAND TO AN ASIAN COMPANY PIONEERING THE PRODUCTION OF TEAK PRODUCTS

MYANMAR in Asia is the world's No 1 producer of teak. Whilst most countries export the roundwood almost exclusively, Myanmar promotes further processing. Indeed, National Wood Industry Ltd has made a virtue of it.

The company based in the capital, Rangoon, is a heavy-weight in the government-controlled trade in this noble species of wood, which more than stands up to comparison with oak.

National Wood Industry Ltd describes itself as the supplier of the best teak products in the world. These are mainly refined boards and floor coverings in a wide range of styles.

In all, 70 per cent of production is contract work for customers in Europe, the USA and Asia. Every month,

around 250 cubic metres of product from this exporter leave Myanmar.

National Wood Industry owes much of its success to its modern manufacturing technology, which allows it to make the most out of teak.

Their partner is the Weinig Group with its sales office in Singapore. National Wood Industry Ltd proudly uses no fewer than 18 Weinig machines.

When making the investment, the Myanmar-based company had more in mind than the highest possible added value. Automation and independence from external service providers also mattered in their concept.



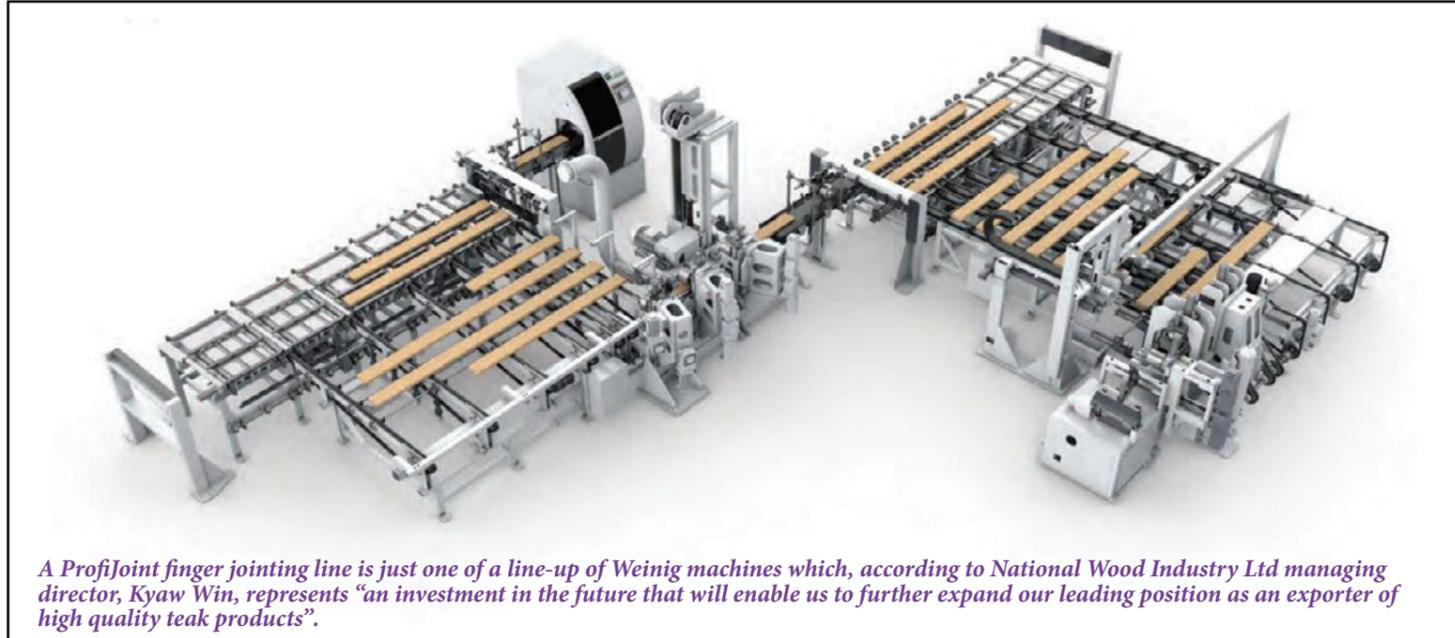
The OptiCut 200 optimizing crosscut saw is just one of 18 Weinig machines in use at national Wood Industry Ltd in Rangoon.

The portfolio includes powerful Unimat 30 planing and profiling machines, as well as an OptiCut 200 optimizing cross-cut saw and a ProfiJoint finger jointing line.

In the area of work preparation, a Weinig system for profile re-sharpening and measurement ensures rapid response to short-term orders. Overall, the Weinig line gives the company great flexibility.

'It is an investment in the future that will enable us to further expand our leading position as an exporter of high quality teak products,' says managing director of National Wood Industry Ltd, Kyaw Win.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



A ProfiJoint finger jointing line is just one of a line-up of Weinig machines which, according to National Wood Industry Ltd managing director, Kyaw Win, represents "an investment in the future that will enable us to further expand our leading position as an exporter of high quality teak products".

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Like in the Weinig showroom: National Wood Industry has secured for itself almost the entire range of expertise as the market leader.



The powerful Unimat planing and profiling machine is part of an extensive portfolio of Weinig machinery in use in Myanmar by National Wood Industry Ltd, which describes itself as the supplier of the best teak products in the world.

FAMILY-RUN BUSINESS RELIES ON WEINIG



SledgeCraft Inc. in Tennessee, USA manufactures various solid wood products, including solutions for exclusive interior design applications.

The company is proud to be able to fulfil even the most unusual customer requests to the highest possible quality standards.

High-quality wood processing, architectural building components and individual contract work are the specialties of this family-run business.

SledgeCraft's creations can be found in numerous public and private projects throughout the country.

The company realized early on that first-class manufacturing technology was necessary in order to be able to produce economically at such a high standard.

In 1996 they purchased a Weinig moulder moulder, which is still working reliably.

Gradually, more machines from the Weinig Group were added.

In addition to a modern planing and profiling machine, technology from Tauberbischofsheim is also used today for cutting and work preparation. This includes rip saws, crosscut saws and automated tool grinders.

'We particularly appreciate the fact that the Weinig Group provides us with perfect solutions for the entire process chain,' says company owner, Trevor Sledge.

In addition, the company now also relies on the panel processing expertise of the Holz-Her brand (part of the Weinig Group of companies).

'Machining quality, accuracy and service are outstanding for all machines and systems offered by the Weinig Group,' concludes Mr Sledge.

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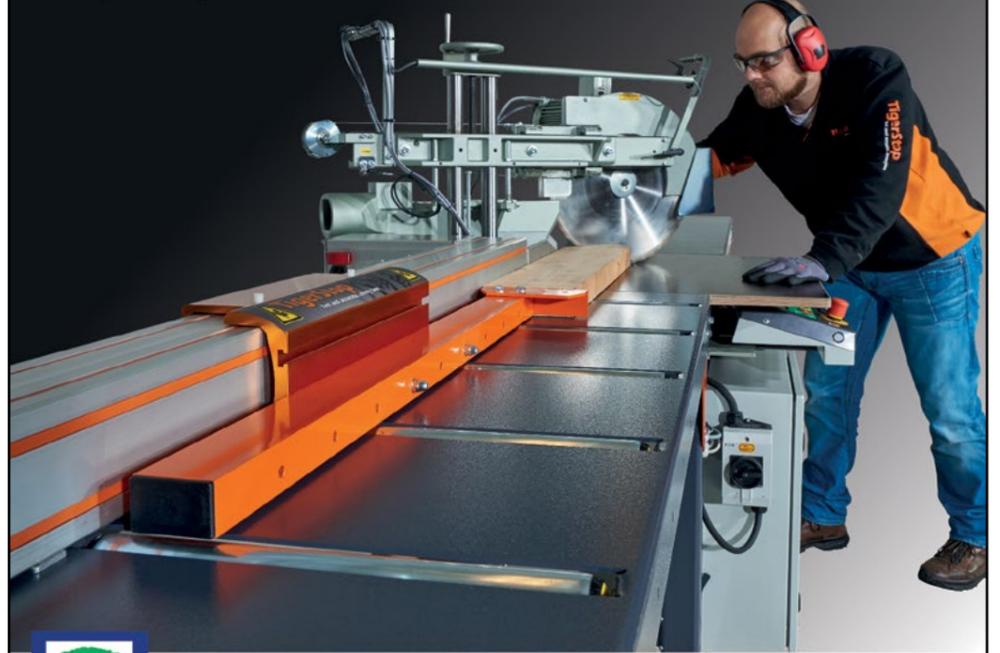
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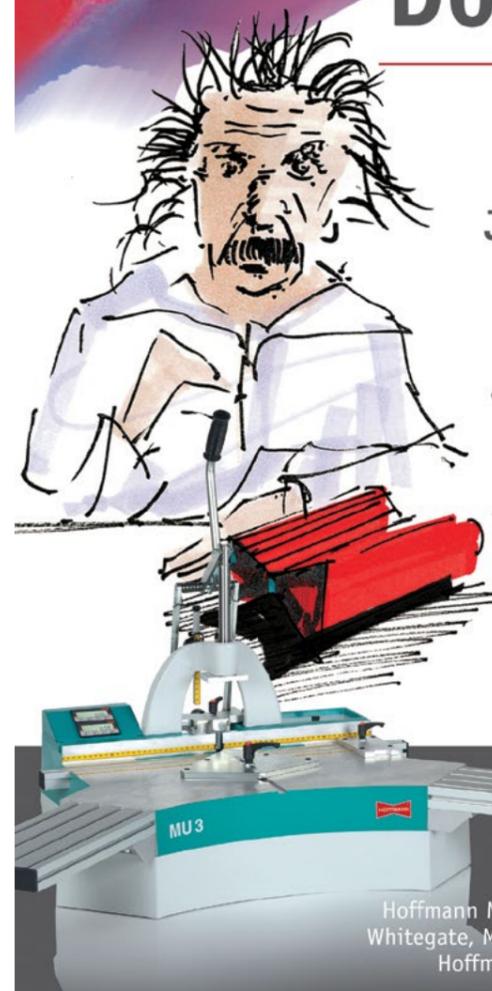
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LIFE WITH WEINIG'S CUBE: AN ACCOUNT OF A TOTALLY UNCOMPLICATED RELATIONSHIP

AT LIGNA 2017, Thomaseth Treppenbau from South Tyrol won a Cube Plus from Weinig.

One thing is very clear to the raffle winner today: he won twice over thanks to his participation.

'The small four-sider complements our CNC technology perfectly,' says company boss, Stefan Thomaseth.

The simple operating concept proves its worth every day in his company. He reports that the Cube Plus has become a favorite among younger employees in particular.

'The modern touch screen approach and the laser projection of the finished dimensions on to the wood are very much in line with their way of thinking,' says Weinig's head of marketing communication, Klaus Müller.

Stefan Tomaseth is extremely satisfied with quality and accuracy of the planing. Whatismore, the system provides a high level of reliability. The boss has nothing but praise for the machine:

'Not even one service was required in the first year. Even the blades are still the original ones,' he says

'The day I handed in my coupon at the Weinig stand was definitely the best of the year,' he concludes.

Image above left: The Weinig Cube Plus is providing a high level of reliability for Thomaseth Treppenbau from South Tyrol: the company won the machine at LIGNA 2017.

Image above right: The Weinig Cube Plus automatic planer earns nothing but praise from the boss at Thomaseth Treppenbau and his staff.

For further information tel Weinig on 01235 557600. Visit www.weinig.com

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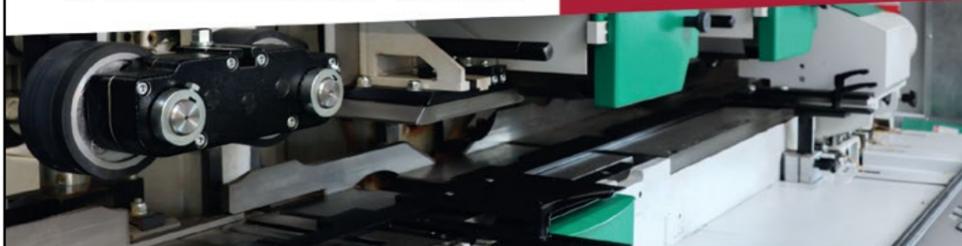
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AXYX TO STAGE OPEN HOUSE EVENT DAY

SUPPLIER of routing and cutting systems, AXYX Automation Group is to hold a further open house day event in London on October 9 2019.

The chosen venue will again be the Royal Air Force Museum, situated at the former Hendon Aerodrome site in Grahame Park Way, Edgware NW19 5LL. The event will run from 10am-4pm, with refreshments available throughout the day.

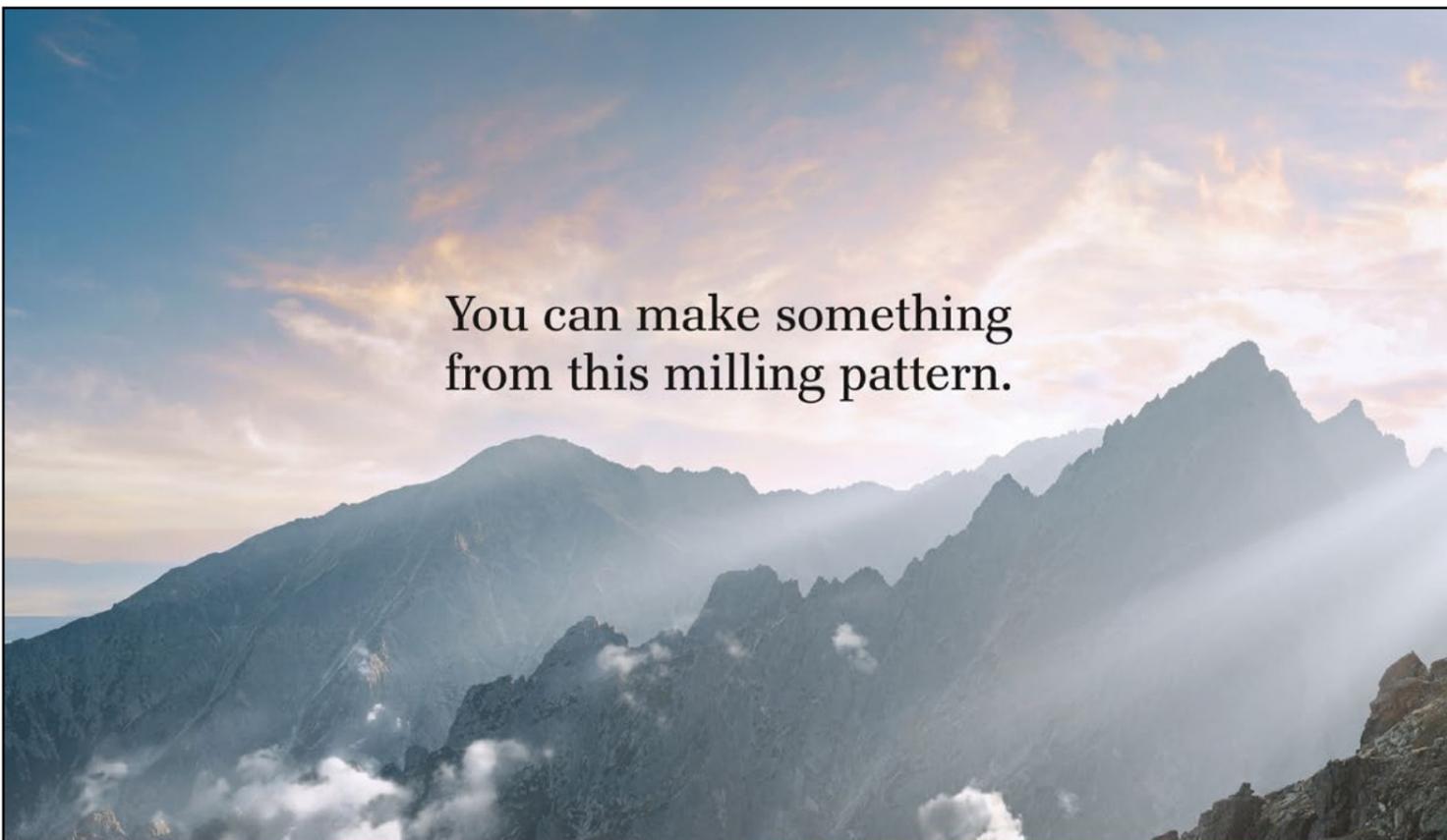
Visitors will see demonstrations of the new AXYX Infinite multi-purpose CNC router/cutter and the latest addition to the AXYX range of waterjet cutting machines.

Since its recent launch, the Infinite router/cutter is said to have set a new benchmark for machine configurability, flexibility and price-to-performance capability, while the new A-0612 waterjet cutting machine is providing an ideal solution for the processing of materials that traditional CNC routing/cutting machines cannot effectively handle.

Members of the AXYX management team and application specialists will be in attendance to offer technical advice and for existing and potential new customers to be able to assess the performance capabilities of both machines and how they could contribute to future business growth and profitability.

Anyone wishing to reserve a place at the event, or to receive further information, should contact Janine Roberts on 01159 758100 or email enquiries@axyx.co.uk

For further information on AXYX products tel AXYX on 01952 291600. Visit www.axyx.co.uk



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WEINIG - MAKING CUSTOMERS' DREAMS COME TRUE AT THE HIGHEST LEVEL

ONE of the core characteristics that makes the Swiss company André SA stand out is its exclusivity. Creativity and state-of-the-art, flexible technology play a big part in the company's production processes.

André SA has carved out a niche in French-speaking Switzerland thanks to its ambitious business model.

'We are a creative service provider for people who are only satisfied with the very best,' says Jean-Christophe Berseth, who is responsible for the window manufacturing department.

Together with his team, he delights customers with windows the like of which they have never seen before. The clientele includes famous faces from the world of sport and film, as well as industry moguls and well-healed home-owners.

As their customers' expectations are so high, André SA

will only accept the very best on the market when it comes to manufacturing technology. This is why the company is investing in the Conturex CNC machining centre by Weinig.

Jean-Christophe Berseth gives it a glowing review:

'This is exactly the solution I needed in order to keep the quality of a traditional angle system in a modern, semi-industrial manufacturing system,' he says.

With the Conturex, constantly changing heavy tools for each profile is not an issue. They have been replaced by compact magazines with large capacity for the easy-to-change tool discs, thus offering maximum flexibility.

André SA has made the conscious decision to continue to use the latest manufacturing technology from the German manufacturing giant. Weinig as an important way of

differentiating the company on the market.

Jean-Christophe Berseth even uses the workshop to re-inforce this differentiation.

'People who are used to having only top brands in their private lives also want to see their business partners working with exclusive products,' says Jean-Christophe Berseth.

That's why we like to invite our customers to visit us, so that we can show them how the Weinig Conturex can create highly complex shapes at the touch of a button. This always impresses the customers and re-inforces our image,' he concludes.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



With Weinig's Conturex, constantly changing heavy tools for each profile is not an issue.



Exclusivity down to the smallest detail, window manufacturer, Jean-Christophe Berseth shows off one of his highly customised solutions.

QUESTIONS AND ANSWERS WITH WEINIG'S JOCHEN GANZ

IN 2018, Weinig established the new business unit Automation & Digital Business. A lot has happened since then.

Jochen Ganz is the head of the new business unit.

Q. Why is the Weinig Group so attractive to customers as a technology partner when it comes to digitization?

A. Weinig has a wealth of experience in the field of digitization. For example, our first cloud applications for customers were already implemented back in 2015.

In addition, Weinig's portfolio covers the entire process chain and the company is firmly established in both trade and industry. This allows us to bundle together expertise from a wide variety of applications like no other provider.



IN 2018, Weinig established the new business unit Automation & Digital Business. Jochen Ganz (pictured here) is the head of the new business unit.

Q. Could you name one particular challenge that you faced when you took over the business unit?

A. Digital transformation offers many opportunities, but there is also a danger of going in the wrong direction, or ending up at a dead end.

Therefore, it was important to us to take this road together with our customers and move in response to their individual needs.

In terms of our technical solutions, this meant that we had to develop a comprehensive modular system based on different applications.

Q. What are the key pillars of the Weinig concept?

A. The key pillars are our App Suite and the new Central System Control suite.

Both modules have an open design and they support our customers throughout their processes from work preparation

to production and visualization, all the way through to service and maintenance.

Q. What are the main benefits for customers?

A. The main benefit is the ability to adapt the solution to meet the needs of the company exactly, however complex they may be.

It is possible to digitize the entire process, or only individual steps. In addition, the customer benefits from the same user experience across all Weinig software modules, whether on the machine, the production control station, or the App Suite.

Thanks to uniform user guidance and a uniform user interface, users intuitively becomes familiar with the system, regardless of which application they are working with. Everything has a uniform "look and feel". Your business unit is already thinking ahead.

Q. How will customers be working with Weinig technology a few years from now?

A. Common language brings people together and the same principle can also be applied to machines.

Weinig is one of the driving forces behind the implementation of the open data model standard OPC-UA in the wood processing industry.

Seamless communication between machines of different origins, as well as with other software solutions will make so many things much easier for our customers.

In addition, our customers can look forward to further growth in our comprehensive range of intelligent solutions, assistants and services.

With AI (artificial intelligence), the functionalities we provide are becoming better and better at prediction and self-learning.



www.weinig.app

One of the key pillars of the Weinig concept is the company's App Suite.

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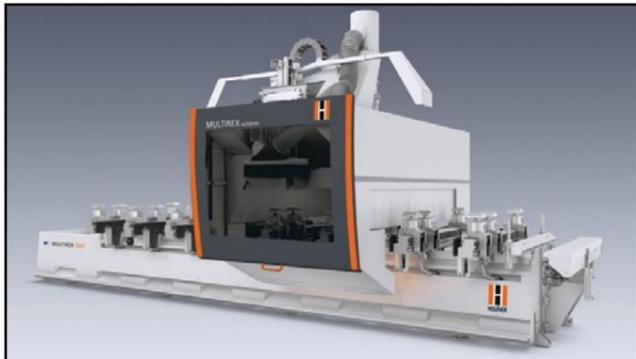
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STRONG PARTNERSHIPS PROVIDE THE KEY TO A MORE SUCCESSFUL FUTURE

IN Turkey, more than half of the top 20 companies in the furniture sector are located in the Kayseri region. By leveraging strong partnerships, the Mobitek project aims to help local companies achieve market success.

Marketing problems and poor production efficiency are hampering the development of small and medium-sized enterprises in Kayseri.



The Multirex 7225 CNC processing centre from Holz-Her is one of seven machines purchased from the Weinig Group.

However, Mobitek has adopted the philosophy of “joining forces and growing together” according to Ercan Sarikaya, who is a board member of the Chamber of Timber Trade and one of the key drivers of the project.

This innovative, EU-funded business model concentrates the entire furniture production value chain right up to sales in a single location, thus creating crucial synergies.

The cornerstone of the industrial park that has already been created is the workshop spaces, which can subsequently be rented at a cost-effective rate by any chamber member.

On the same site, top international suppliers manufacture semi-finished products using state-of-the-art technology and these are then processed further by the Turkish companies.

The Weinig Group has been involved in the project in an advisory capacity right from the outset.



Ercan Sarikaya reckons that the Mobitek business model will help Turkish furniture manufacturers to become competitive in Europe.

‘We also want to play a bigger role in the window market and we rely on Weinig for this,’ says Ercan Sarikaya.

Kayseri also relies on Weinig’s experience when it comes to producing solid wood panels.

A total of seven machines from the Weinig Group have been purchased – which represents a great investment.

At the heart of this is a fully automated Weinig Conturex Compact CNC centre. A CombiPact finger jointing line ensures proper finishing of the cut.

The Multirex 7225 CNC processing centre from Holz-Her is responsible for the production of curved parts and round arch windows, as well as furniture production.

An integrated marketing company deals with the purchase of wood and the professional distribution of the end products.

For further information tel Weinig on 01235 557600. Visit www.weinig.com

WEBUTEX LOOKS TO WEINIG TO SUPPLY A HIGH-QUALITY CROSS-CUT SYSTEM

SO you thought cross-cut saws could only process wood without problems? Wrong.

At Webutex, this technology has been successfully applied to the production of custom construction parts made of thermoset.

The properties of thermosets are completely different from those of wood, but thermosets also have one thing in common with wood: they have to be cut cleanly from a panel material, or in the form of rods. This is why Webutex started looking for a high-quality cross-cut system.

The renowned processor of laminates decided on a Weinig Dimter OptiCut S 90. Dimter adapted the system fit the requirements of Webutex precisely.

The support for transporting the work pieces at the input side of the cross-cut system is striking. It is made of a thermoset material.

‘Our materials are very abrasive. That’s why we decided to use our own laminates as a table support with Dimter’s co-operation,’ explains chief technical officer, Matthias Butz.

Webutex uses the system to cut work pieces with cross-sections measuring from 5mm x 6mm to 200mm x 105mm.

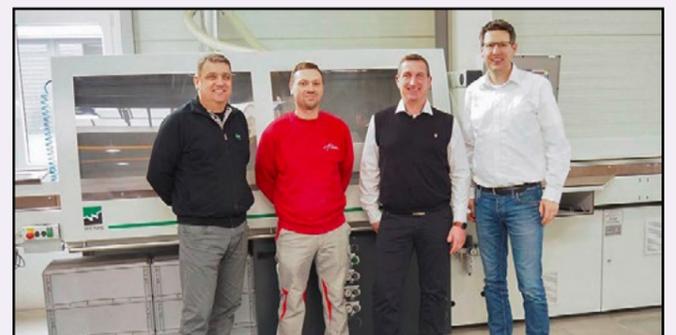
The OptiCut is equipped with special accuracy equipment. The fact that the saw blade stroke works by means of servo-controlled electric lifting cylinders allows the feed speed to be determined precisely and also allows automatic cutting height adjustment.

All relevant parameters for each cut can be stored on the OptiCom Pro control unit.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



On Weinig Dimter’s OptiCut S 90, the fact that the saw blade stroke works by means of servo-controlled electric lifting cylinders allows the feed speed to be determined precisely and accurately.



Who dares wins: Webutex chief technical officer, Matthias Butz smiles with delight together with Weinig chief technical officer, Dr Mario Kordt, deputy sales manager, Werner Blum and the OptiCut operator.

WEINIG PROVIDES EXPANDING WELSH COMPANY WITH 3 FULLY AUTOMATED PRODUCTION LINES

PROFILED mouldings are the core business of the Pedross Group in South Tyrol. With three new, fully automated production lines, this expanding company focuses entirely on flexibility.

The Italian Pedross group is one of the world’s leading players in the development, production and marketing of flooring accessories, veneer edges and wrapping materials.

Up to 120,000 linear metres of spruce and MDF mouldings run out of the machines every day in two shifts at the company’s factory in Latsch.

For planing and profiling technology, Pedross relies on Weinig:

‘When it comes to performance, there is no getting away



Pedross employee, David Vidal believes that the Powermat 2400’s short set-up time, simple settings and high productivity are extremely impressive.

from the renowned expertise of the German woodworking machinery giant, Weinig,’ says technical manager, Sebastian Kurz.

Three new production lines designed for industry 4.0 applications have been in operation since the end of 2018.

On one line, only MDF is processed. The second system is reserved for solid wood. A third line is available for finger jointing. By cleverly nesting the three systems, Weinig succeeded in creating a space-saving, extremely efficient solution.

In the area of high-performance planing, the production lines benefited in particular from the new Weinig “Profile Editor”.

‘The Profile Editor saves the template for a specific profile on the system.’

This includes the entire periphery with charging and de-stacking,’ explains project manager, Armin Raffener.

‘Each time the profile is repeated, the system automatically re-adjusts itself to these parameters,’ he adds.

The operator usually only has to enter the profile number and the quantity in order to be able to produce.

The efficiency gain of the new planing and profiling technology for Pedross can be measured by using some simple figures. One moulder is currently used per material, whereas a total of six machines were previously in use.

Each of the modern machines is twice as fast as the older generation.

‘Thanks to its great flexibility, our slat production is now

competitive on the market and it offers maximum productivity thanks to fully automated process control,’ says Sebastian Kurz.

‘Our calculation that we would be profitable even with a rising proportion of orders with small batch sizes and a simultaneously growing range of products has proven to be completely right,’ concludes the company’s technical manager, Sebastian Kurz.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



Weinig’s Powermat 2400: “When it comes to performance, there is no getting away from Weinig,” says Pedross technical manager, Sebastian Kurz.

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BIESSE LAUNCHES ENTRY-LEVEL EDGE-BANDING RANGE

IN AN age when having the upmost quality of products is no longer considered supplementary, but essential, production technology must offer consistent quality without compromises, whatever the level of the range.

This is the underlying value behind the Akron 1100 range of compact single-sided edge-banders from Biesse, which are ideal for small-scale producers who want to modernise production.

Within its price range, the Akron 1100 is claimed to be the only technology on the market offering high-level components, such as the Rotax motors made by HSD.

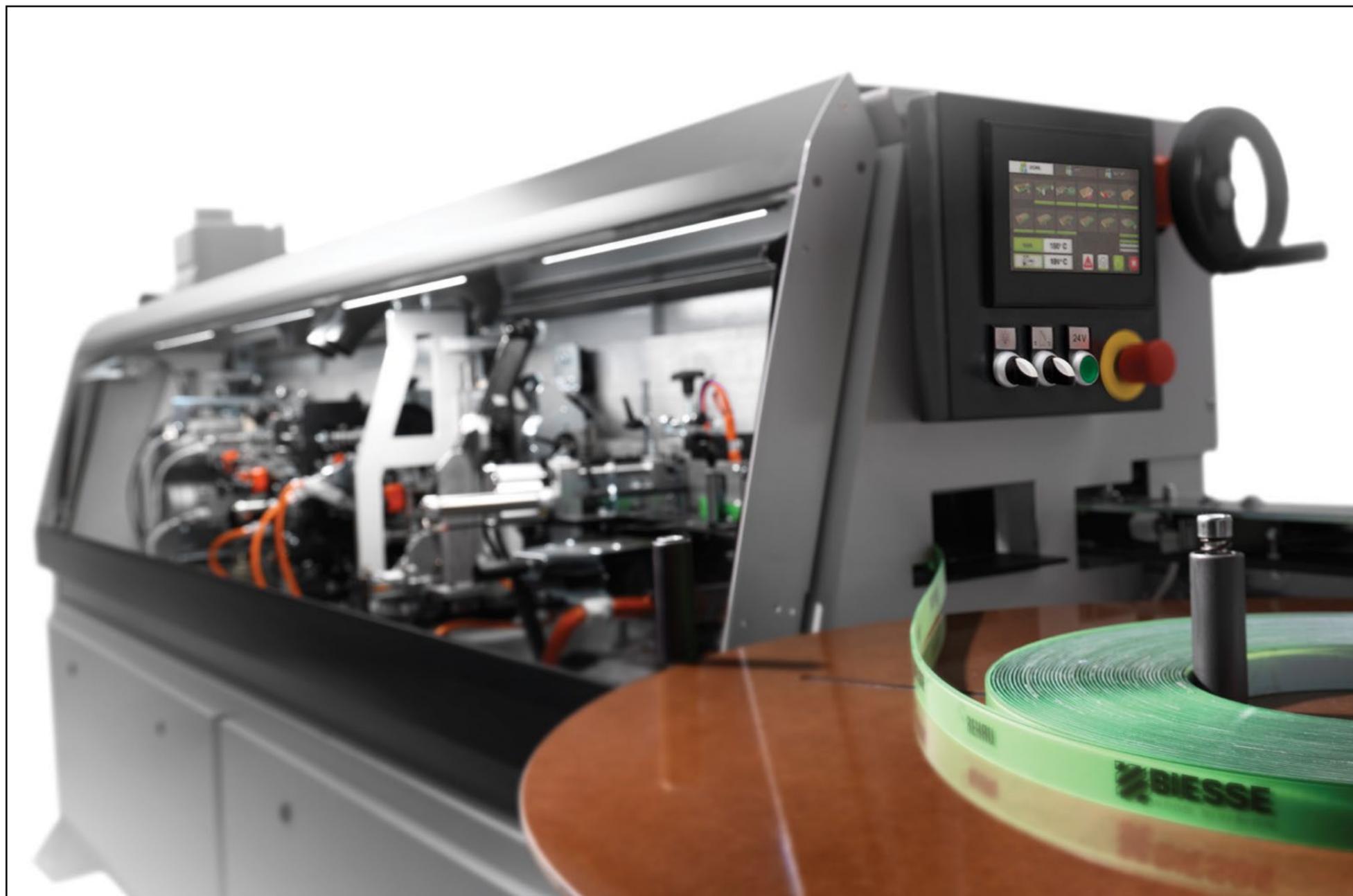
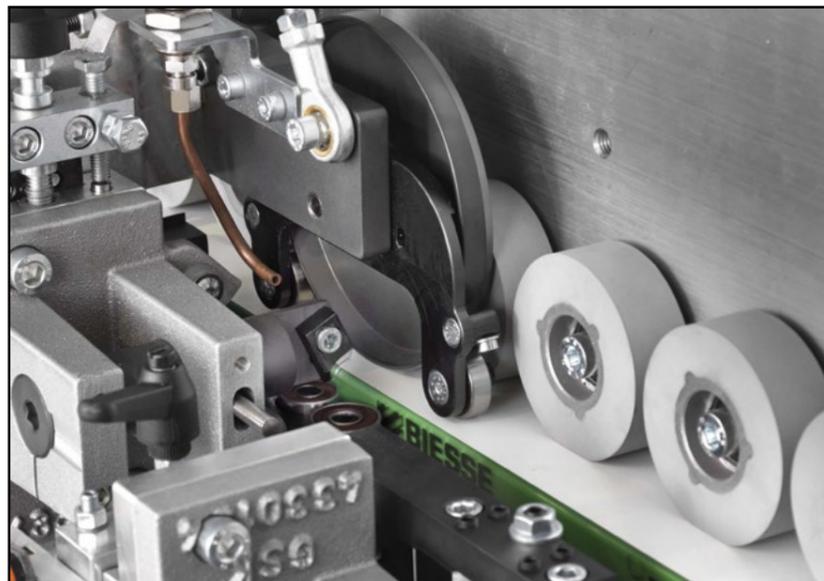
There are three machine configurations offering choices on trimming, corner rounding and pre-milling. Control is via a 7in touchscreen. It is claimed to be the only one on the market at its price point and offers an icon driven, highly intuitive interface. It also provides feed-back in the form of valuable machine information, reports and statistics relating to the daily

work being carried out, highlighting productivity levels and any setting issues.

'This entry-level range stands out in the market for its high specification, quality and performance. The Akron 1100 has the capability of applying edge material from 0.4mm to 5mm solid wood lippings, with a 10m/min track speed. In addition, changeovers from thick to thin edges, together with machine set-up is very quick and simple,' says Biesse brand sales manager, Malcolm Storey.

'The Akron 1100 range is the ideal machine for a first-time user, providing a quality edge finish. We also offer a "walk in" in demonstration service whereby customers can visit us at any time and see how easy the machine is to set up and operate,' adds Mr Storey.

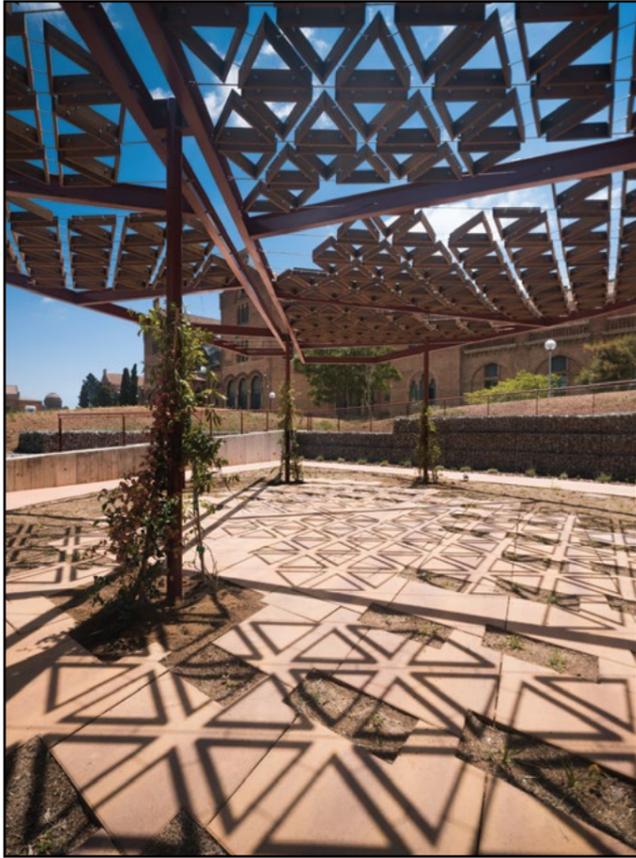
For further information tel Biesse on 01327 300366. Visit www.biesse.com



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THERMALLY MODIFIED TULIPWOOD UTILISED IN BARCELONA CARE CENTRE FOR CANCER PATIENTS



THE American Hardwood Export Council has made a commitment to modern society and people's well-being by donating thermal modification and highly skilled carpentry to the new Kàlida Sant Pau building in Barcelona, a care centre for cancer patients.

AHEC has donated American tulipwood to two spaces of the new Kàlida Sant Pau building in Barcelona: the outdoor pergola and trellised façade.

The building has been designed by architect, Benedetta Tagliabue from Miralles Tagliabue EMBT studio, with interior design created by architect and interior designer, Patricia Urquiola.

The features of thermally modified tulipwood provide resistance to weather conditions and adds warmth and elegance to the building.

The pergola design, under which visitors pass to reach the main entrance to the building, has been designed to act as a protective layer covering the garden.

The tulipwood boards form small triangles and are framed by a steel structure, offering textural contrasts to the outdoor area.

This design not only works to shield the outdoor space from surrounding buildings, it also offers an escape from the traditional hospital environment.

The trellised façade consists of horizontal thermo-treated tulipwood

slats, which allow light to filter through and offers views of the Hospital de Sant Pau complex, whilst still preserving the patients' privacy.

'The use of thermo-treated tulipwood was an excellent choice for the outdoor elements of the Kàlida Sant Pau building, because it has allowed us to add elegant wood elements and we have been able to use it in an optimum way for exterior applications,' says Benedetta Tagliabue.

'We believe that this technology is key for using wood in exterior applications. The market is growing and designers and architects want to use wood but, for this to happen, it has to perform well, look good and last, otherwise it simply won't be used,' says European Director of AHEC, David Venables.

'Thermo-treated wood doesn't use chemical products, it improves stability and has a minimal environmental impact compared to other techniques.

'We are delighted to have collaborated on the Kàlida Sant Pau building and with this fantastic social initiative,' continues Mr Venables.

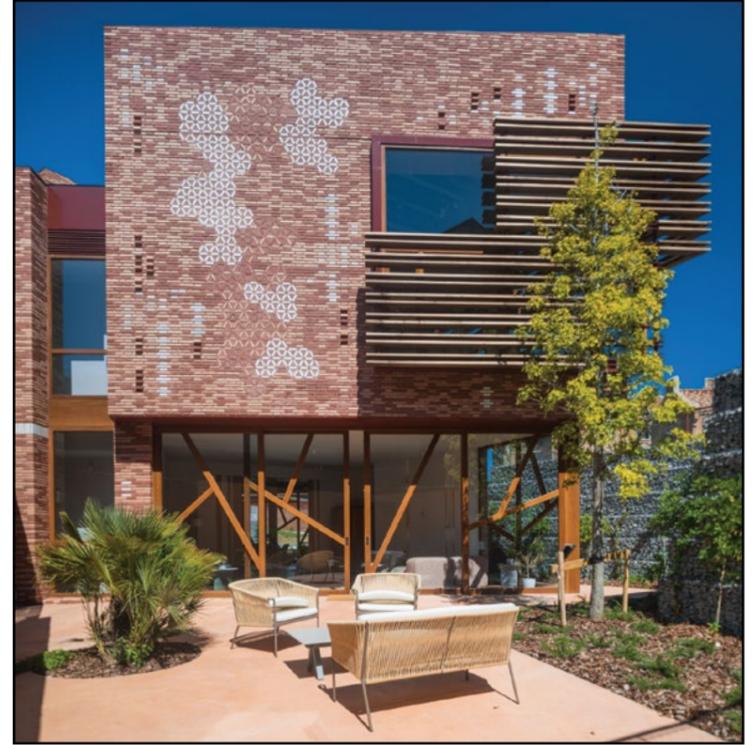
Thermo-treated, or thermally modified wood performs better and has increased durability, allowing it to be used in exterior applications with no need for additional protection.

Following this thermal modification, US ash, soft maple, tulipwood and red oak obtain Class 1 durability, the highest possible classification.

The treatment process consists of gradually heating the wood to a temperature of 180–215 deg C for three to four days (the time depends on the thickness and species of wood).

The treatment is applied in an oxygen-free atmosphere to ensure that the wood does not catch fire and it can be applied using steam, or in a vacuum.

This process reduces the timber moisture content significantly to 4–6 per cent (very low) and changes the physical structure of the wood, which limits its moisture absorption capacity.



This provides the products with more dimensional stability with the result that they are less susceptible to twisting, or losing their shape with changes of humidity.

The thermal modification process also destroys the hemicelluloses and carbohydrates in the wood, which are the main food sources for insects and moulds. This makes the wood more resistant to rot without the need for surface treatments.

This increase in dimensional stability and resistance to decomposition significantly extends the useful life of the wood and reduces maintenance needs. In addition, the wood acquires an attractive dark colour along its whole length.

Lastly, despite the energy used in the thermal treatment process, the carbon foot-print made by this process is compensated for by the fact that other protection treatments with significant environmental impacts are no longer necessary.

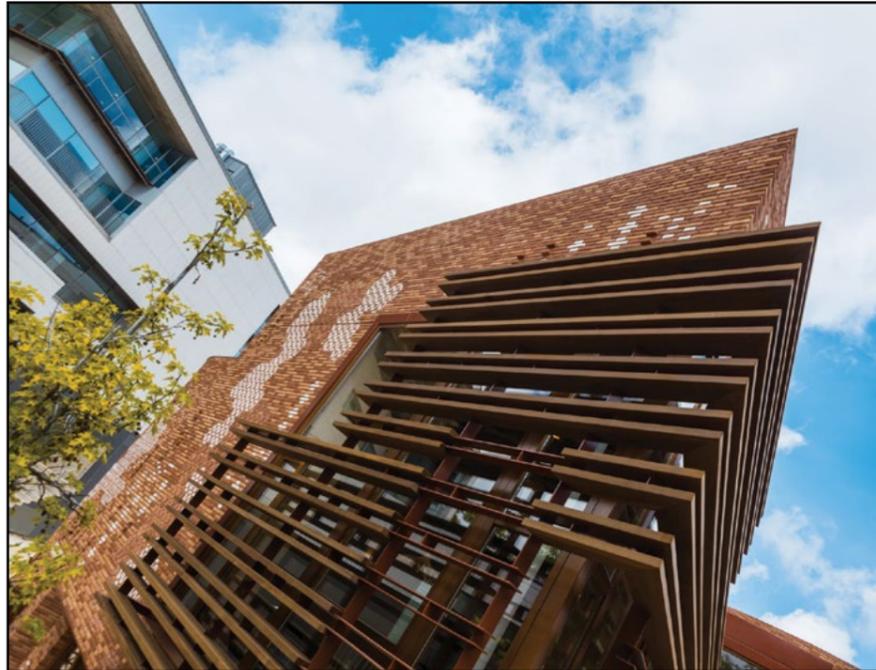
The new Kàlida Sant Pau building is located just a few steps away from the Hospital de Sant Pau Oncology Department in Barcelona.

Kàlida promotes a psycho-social care model for cancer patients, centred around the needs of the individual, just next door to the Oncology Departments of public hospitals specialising in cancer treatments, with dedicated areas to provide support for patients, family members, friends and carers.

Kàlida is inspired by the psychosocial care model of the Scottish NGO Maggie's and forms part of this international network.

The centre offers a comprehensive programme to make people with cancer feel supported and informed throughout the different phases of the cancer treatment in a specially designed architectural space.

For further information tel American Hardwoods on 020 7626 4111. Visit www.americanhardwood.org



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BIESSE GROUP UK SIGNS UP AS THE OFFICIAL PARTNER OF THE FURNITURE MAKERS' COMPANY'S MANUFACTURING GUILD MARK

BIESSE is pleased to announce its three-year partnership with The Furniture Makers' Company's prestigious Manufacturing Guild Mark.

The Furniture Makers' Company, the City of London livery company and charity for the furnishing industry has been awarding the Manufacturing Guild Mark since 1993 as an indicator of excellence, distinguishing Britain's top furnishing manufacturers.

The mark is awarded to companies on completion of a successful independent audit that assesses high standards across all aspects of the business, including manufacturing, design, product quality, marketing, finance, commitment to training, employment conditions and sustainability.

The audit is carried out by FIRA International on behalf of The Furniture Makers' Company and companies are re-audited every three years to ensure that they retain their high standards.

The Manufacturing Guild Mark is only open to companies



that manufacture most of their products in the UK. Currently 19 British manufacturers hold the coveted Manufacturing Guild Mark, including Bisley, Delcor, Ercol, Gratnells, Harrison Spinks, Jay-Be and Wren Kitchens.

'Biesse is known worldwide as a manufacturer of quality machinery and has built this reputation over the past 50 years. We couldn't think of a better partner to work with, alongside our existing sponsor, Lectra, as we look to build upon the Manufacturing Guild Mark's reputation as a distinguisher of excellence for UK furnishing manufacturers,' says Manufacturing Guild chairman, Ben Burbidge.

'To be involved as corporate members of this great charitable organisation in addition to being associated with the Manufacturing Guild Mark presents us with a great opportunity to not only support the industry as a whole, but also to encourage manufacturing excellence within the UK furniture Industry,' says Biesse Group UK's chief executive officer, Steve Bulmer (pictured right).

'We know that existing holders have benefitted greatly as the Guild Mark demonstrates that they have achieved and maintain the highest standards in all aspects of their businesses,' adds Mr Bulmer.



For further information on Furniture Manufacturing Guild Mark tel 020 7256 5558. Visit furnituremakers.org.uk

LIGNIA ADDS TO GLOBAL TEAM WITH US APPOINTMENT

BRITISH modified timber manufacturer, the Lignia Wood Company has further expanded its global team with the addition of US sales manager, Lisa Ayala.

Ayala will lead the development and growth of Lignia products throughout North America and brings with her considerable industry experience. Previously with Accsys Technologies, she has been responsible for securing major distribution agreements, creating CPD training for American architects and establishing relationships with global brands.

Her other sector experience includes positions at high-profile brands MasterBrand Cabinets, Inc. and American Woodmark Corporation, where she worked with distributors, architects, builders and woodworkers.

Lisa Ayala is joining Lignia at a time of real growth as the company begins commercial production.

At its state-of-the-art plant in Barry, Wales, Lignia modifies softwoods grown in legally-sourced, FSC®-certified plantations to have the aesthetic appeal, durability and performance of hardwoods.



Its range of sustainable timber products are specified for construction, yacht decking and interior design purposes.

Available as Lignia, Lignia Yacht and Lignia Fire, the versatile products are suitable for a variety of indoor and outdoor applications – including flooring, decking, cladding, furniture and more.

'Lisa joining our team is a hugely significant step for Lignia in our expansion throughout North America. She has demonstrated a high level of professionalism and ability to build strong relationships within the industry and she will be a great asset to our global team,' says Lignia's commercial director, Steve Rogers.

'I'm very excited to be joining Lignia and look forward to helping to drive the company forward. I have built some great relationships within the industry and I am eager to continue doing so with this genuinely innovative company,' says Lisa Ayala.

For further information tel Lignia Wood on 01446 507077. Visit www.lignia.com



EVERYONE IS GOING MAD FOR PEANUTS!

IN JUST 12 months, Intelligent Fixings' innovative Peanut Connecting System has made strong connections globally.

The Peanut1 is the self-clamping single component connector for use with CNC machines. Production is quick and efficient, as only one machining process is required.

The Peanut2 is the self-clamping invisible connector. It is ideal for boring and insertion machines.

Both Peanuts create incredibly strong joints, pack flat when pre-inserted and can be re-assembled many times.

Intelligent Fixings' starter packs received "phenomenal" feed-back at the Interzum and Ligna events in Germany earlier this year.

The attraction of the system is its simplicity and product high-quality, at affordable prices.

Excitingly, the company has now developed a new jig

for use with hand-held routers. It will enable smaller workshops and carpenters to use the simple Intelligent Fixings (IF) connecting system too and will be available later this year.

After launching the products on to the European market at Interzum and Ligna with phenomenal success, starter packs comprising of both the Peanut1 and Peanut2 components, a solid carbide bespoke Peanut cutter, a 25mm high performance drill bit and a 5mm solid carbide drill bit, have proved very popular for the early adopters to trial the system.

With contacts from over 80 countries, the Peanuts have been dispatched to all four corners of the globe!

Intelligent Fixings has also developed a new jig for hand-held routers.

For further information tel Intelligent Fixings on 01438 315111. Visit www.intelligentfixings.com

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ELECTRO-TECH MACHINERY TEAMS UP WITH MARTIN TO SERVE THE IRISH MARKET

ELECTRO-TECH Machinery was established by Derek Reid in 1996. Based in Moneymore, Northern Ireland, at purpose-built premises are the managerial offices, workshop and showroom.

Located in the heart of Northern Ireland, Electro-Tech Machinery is accessible to all.

The company specialises in the sale of woodworking machines, both new and second hand.

Alongside this, the spare parts and servicing department provides customer care to the industrial sector.

Electro-Tech Machinery offers a range of new machinery from top brands, such as Martin. Sales are supported by an extremely experienced and skilled team of engineering staff.

From the installation and maintenance of Computer Numerical Control (CNC) machines at the forefront of modern technology and the refurbishment of older second hand classical machines, Electro-Tech's support team is renowned for the pride that its members take in their work and their comprehensive ability with a wide range of woodworking machinery.

Electro-Tech Machinery are Martin agents in Ireland. New machinery also provided by Electro-Tech Machinery includes Holytek, Martin and others.

'Here at Electro-Tech we also provide the sale of second hand machinery,' says managing director, Derek Reid.

This includes machinery by Altendorf Biesse, Homag, Masterwood, Martin Robland, and used Homag machines.

'If you don't see the machine you require just ask, as we receive machines on a regular basis,' adds Mr Reid.

Among the constantly changing stock is a comprehensive offering of Martin machinery, which includes milling machines, planers and planer/thicknessers, sliding table panel saws, spindle moulders, surface planers and thicknessers.

Two models from the Martin range which have long proved to be particularly popular on the Irish market are the Martin T45 planer/thicknesser and the Martin T54 surface planer.

The T45 planer/thicknesser is ideally suited for modern production methods, as it supplies cleanly planed wooden surfaces.

It is quick and easy to operate and for those companies which are on a limited budget, it offers excellent value for money.

Irrespective of whether short or long work pieces are being planed, the sturdy thicknessing table extension can dispense with the need for a second person located behind the machine.

Short workpieces do not fall on to the floor and longer ones are supported at the out-feed side.

The table extension always moves synchronously with the thicknessing table and this accessory can be retro-fitted without any problems.

It is possible to choose between the long 1,200mm version, or the short, foldable 450mm version. The latter can also be mounted on the infeed side.

The work piece transportation of problematical materials and short work pieces can be improved by means of a second rubber outfeed roller – especially if no lubricant can be used. The second outfeed roller is also available as a steel roller.

The operator can switch between the standard feed speeds of 6m/min and 12m/min during the planing operation.

Another distinct advantage is that the feed speed can be adjusted by means of the optional, infinitely variable feed control. This option allows variable feed speeds between 2m/min and 25m/min – depending on the individual design.

The Martin T54 surface planer was initially developed primarily to accomplish two separate tasks – firstly to dress work pieces perfectly and, secondly, to provide these work pieces with superlative angular edges quickly and safely.

Martin's T54 surface planer features an easy-running guided surfacing fence with an integrated auxiliary fence, which enables quick and precise operation.



Martin's T54 surface planer features an easy-running guided surfacing fence with an integrated auxiliary fence, which enables quick and precise operation.

Martin's T45 planer/thicknesser is impressively silent in operation.

ELECTRO-TECH MACHINERY
woodwork machines & accessories

The ball-bearing guided jointing fence runs smoothly and without tilting on tempered raceways. In years to come, it will work as precisely as it does on the very first day following its acquisition.

Chamfers can be planed in no time at all, owing to the fact that any angle between 90 deg and 45 deg can be set quickly by means of the extremely user-friendly single-handed operation.

For further information tel Martin on 00 49 8332 9110. Visit www.martin.info
For further information on Electro-Tech Machinery tel 028 8674 8863.
Visit www.electrotechmachinery.com

QWOOD PROFILES FOR DOORS

YOU may have heard all the great reasons to use Qwood timber composite profiles with timber windows.

Their unique profiles have all the benefits of traditional timber profiles, but with none of the drawbacks.

Qwood is perfectly straight every time, with no knots, or imperfections to worry about when cutting to size.

The profiles are resistant to moisture absorption and will not rot like traditional timber, meaning that Qwood has a long life with minimal maintenance necessary. They can also be cut and drilled using all traditional timber tools.

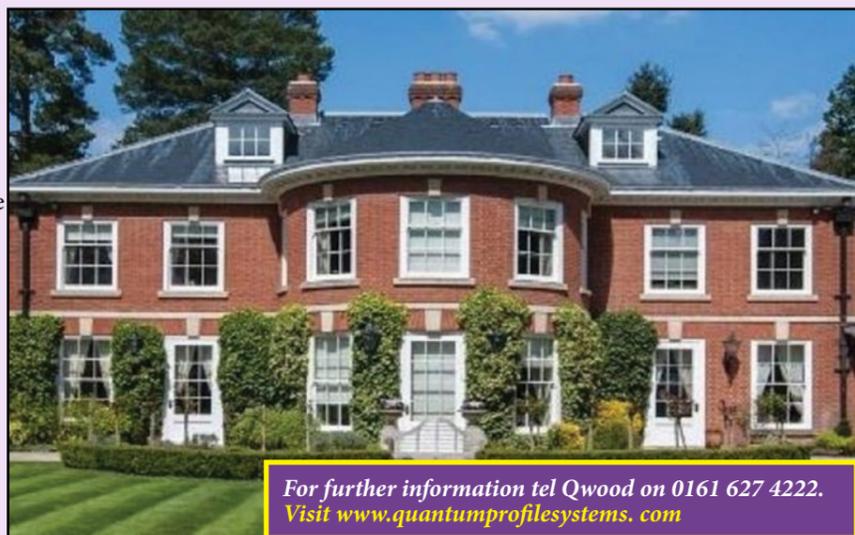
Qwood is recognised for its window profiles, but did you know that the company also manufactures

Qwood profiles for doors? The company creates all the profiles you could need for doors, including weather bars, glazing beads and bolection moulds.

In addition, the new Qwood rain deflector profiles, which do not require end caps and are a cost-effective alternative to traditional aluminium deflectors.

All Qwood door profiles are available in stock lengths to suit any requirements and can be fitted to traditional timber, plastic, or composite doors, making them perfect for any job.

They can be painted either before or after installation to match the finish of any door but, best of all, they have all the benefits of Qwood window profiles, ensuring that all of the door profiles will be easy to cut, simple to fit and straight every time, with no imperfections.



For further information tel Qwood on 0161 627 4222.
Visit www.quantumprofilesystems.com

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Email us at: bill.willowe@gmail.com

TITUS T-TYPE HINGES: SETTING NEW STANDARDS



THE new T-type hinges from cabinet hardware expert, Titus reliably deliver the soft closing action preferred by end users, whilst also offering decisive advantages for kitchen furniture manufacturers.

They feature the company's three-way snap-on mounting, which makes them fast and easy to install.

They can be used with a wide range of door thicknesses and types and they are tolerant of mis-alignment and drilling variations. In addition, they have passed FIRA tests for BS 6222-2-2009, Test Level H.

T-type hinges feature the renowned Titus Confident Close action.

This is the consumer-preferred reliable and consistent soft-closing action characterised by late-start deceleration and quiet landing in the last stage of closing, as the door reaches the cabinet side.

The proprietary Titus multi-purpose integrated damping technology is transversally positioned in the hinge cup, which ensures dependable life-long damping with no bounce-back.

The dampers used in these innovative hinges are single-direction hydraulic types that are fully sealed to eliminate the possibility of oil leakage.

They are easy to adjust, which ensures that consistent performance can be achieved on doors with a wide range of different dimensions and weights.

The unique three-way tool-less snap-on mounting plate used in T-type hinges offers intuitive hinge-to-plate mounting in three directions: the hinge can be presented to the plate from the front, from the back, or from the top and, with just one sharp tap of the hand, it will click easily and positively into place.

This greatly simplifies door installation especially with tall doors that need four, or even five hinges. The unique design of the mounting plate also re-inforces stability and rigidity, whilst maintaining smooth hinge operation.

Another key benefit of T-type hinges is that they need only shallow drillings for the hinge cups, which means that they can be used on doors with thicknesses from 15mm-26mm.

Titus T-type hinges are available in standard and pie-cut versions. They can be supplied with cross-mounting, or linear mounting plates that simplify both hinge alignment and hinge-to-plate attachment.



masterwood

New Additions to The Masterwood Panel Range!



The MasterEdge Edgebanding Series



The MasterDrill Panel Drilling Series

Masterwood GB Ltd
Units 18-23, Hollybush Business Centre, Shipley Bridge Lane, Horley, RH6 9TL
Tel: +44(0) 1293 402700
Email: office@masterwoodgb.co.uk



For further information tel
Titus on 01977 682582.

Visit www.titusplus.com

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Email us at: bill.willowe@gmail.com

PALAMATIC PROVIDES A LIFT FOR PANEL PROCESSORS



PALAMATIC is a leading supplier of vacuum tube lifting systems to the woodworking industry. With 35 years' experience, thousands of its solutions are in use on a daily basis.

Now with recent changes in the construction industry, Palamatic's range has been developed to offer solutions to keep up with the demand.

As a proven Health & Safety solution, a Palamatic vacuum tube lifter offers increased operator safety and performance, allowing efficient use of labour and reduced injuries and claims.

The company's systems are robust and built to last and to endure the requirements of the woodworking industry. Applications regularly provided by Palamatic include loading and unloading for vertical panel saws, beam saws, dimension saws, flat-bed CNC stations, edge-banders, laminators, paint lines and tilt tables.

The most common wood materials handled by Palamatic lifting systems include Trespa jumbo boards, Spandrel panels, MDF, MFC, chipboard, wood, plywood, Sterling board, plasterboard and polycarbonate – with weights up to 350kg being picked up.

Wood products handled include fire doors, panel doors, furniture, staircase, planks, timber sections, laminate surfaces and cabinets.

Palamatic is also often asked to rotate boards through 90 deg or 180 deg for loading saws and gripping boards, which its systems can handle with ease.

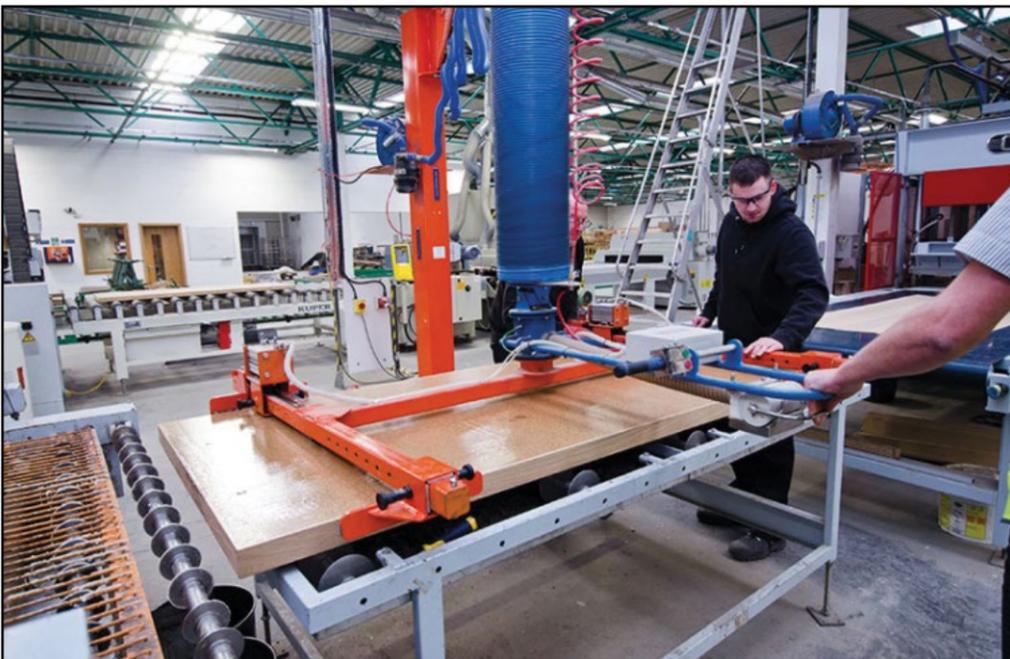
'Our philosophy is to provide equipment for the purpose, so all applications are looked at by our engineers to design the correct solution,' says Palamatic's customer relations and marketing manager, Matt Bennison.

'The gantry that the lifting systems are suspended on are critical to offering an ergonomic solution that works for the operator. We can provide H-style gantry systems to cover large areas, but our smaller swing jibs and low head room centre posts can fit into areas where space is an issue and work perfectly well,' adds Mr Bennison.

'With our 22,000ft² factory based in Chesterfield in Derbyshire, we are well placed to visit customer sites and for our customers to send us samples to test prior to us manufacturing their vacuum tube lifter. We have a skilled field engineering team to install the system and come in to train individual operators,' says Mr Bennison.

'We recommend our service contracts with each system, as we find that the woodworking industry uses its systems daily and, therefore, the upkeep of them is vital in terms of production,' concludes Mr Bennison.

For further information tel Palamatic on 01246 452054.
Visit www.palamatic.com



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HOW PERMADOOR SAVED OVER £400,000 WITH THE HELP OF LEITZ

SINCE it was established in 1989, Permadoor, based near Worcester, has produced over a million doors. As the creator of the first low maintenance composite door in the UK, Permadoor's extensive experience in GRP door production is undeniable, but when current sales demand appeared to require the introduction of a working night shift, it took teamwork with Leitz Tooling for Permadoor to find an alternative solution.

'About two years ago we knew we had an issue with our previous tooling supplier,' explains Permadoor's engineering and maintenance manager, David Welsby.

'There was simply no back-up when we needed it, no-one was taking any responsibility and supposedly reasonably priced tooling was working out to be very expensive.

'A change in tooling supplier is not a decision made lightly for any size of company, but we put through serious volumes of product and we could not afford for our high standards and quality to be compromised in any way,' says Mr Welsby.

At the time, the company's sales demand was leading to the set-up and considerable cost of a premium shift pattern five days/week.



Finding a proactive tooling partner in Leitz, together they completely reviewed how Permadoor was using tooling, what issues and problems there were what tooling was breaking and why.

Cycle times for machining was the major constraint. After much analysis and consideration, the solution of alternative cutters provided savings in cycle times within a range of between 100-150 per cent, doubling the company's CNC machines' capacity overnight.

For their CNCs, Permadoor now uses a combination of Leitz Tooling's spirals, diamond, Marathon and Proficut tools.

Now seeing much greater efficiencies and tooling life expectancy, the drastically reduced cycle time enabled the daily production requirements to be manufactured in a single shift.

In discussion with Leitz, Permadoor general manager, Mark White identified that their entire night shift - previously necessary to meet demand - could now be re-allocated, avoiding the company costs of in excess of £400,000.

'Additional operator training has proved a vital part of the service we receive from Leitz,' continues David Welsby.

'It wasn't just the tooling. With the production knowledge from the Leitz team, we saved a further £25,000 in ancillary equipment, such as pod replacement.

'Working with Leitz, the actual cost of the tooling for Permadoor has dropped by 45 per cent.

'Leitz's prices are actually not that much more than others, but there is no like-for-like comparison. Leitz's tooling gives us a superior product, faster, more efficiently and with far less waste. The savings, and Leitz's support, is massive,' says Mr Welsby.

The level of scrap doors through cutter failure was also a priority in associated skip hire and landfill costs.

However, after the introduction of correct programming parameters, machine speeds and cutters with guidance from Leitz, the scrap from manufacturing reduced, with a visible and financial upside of circa £100,000.

'Taking time to inform and share this knowledge with the operators is so important. Everyone takes pride in their work,



but it makes an even greater difference when your team understands the huge positive impact of doing things correctly.

'Leitz provides the whole package, including regular review meetings. Our general manager is more than happy; he is amazed by the quality, efficiency and financial gains Permadoor has enjoyed since working with Leitz for very little investment,' says Mr Welsby.

'We are very proud of the Leitz team. This is a typical example of how we apply ourselves in the marketplace to assist companies across the spectrum,' says managing director of Leitz UK, Simon Liddell.

'This goes towards achieving a major objective of ours which, amongst others, is to improve customer efficiency and subsequent profitability to help them grow in very competitive market conditions. We thank Mark White, David Welsby and the Permadoor team for allowing Leitz to work with them to mutual benefit,' concludes Mr Liddell.

For further information tel Leitz on 01279 454530.
Visit www.leitz-tooling.co.uk

THE BRITISH WOODWORKING FEDERATION APPOINTS PAUL BAILEY AS NEW PRESIDENT

THE British Woodworking Federation (BWF), the UK's woodworking and joinery industry trade association, has appointed Paul Bailey, founder and managing director of European Doorsets, as its new president.

He succeeds managing director of West Port Timber Windows, Sean Parnaby, who has been president of the association since October 2016.

Paul has over 30 years' experience in the woodworking sector. He established European Doorsets, manufacturers of bespoke performance doors, door-sets and associated joinery items in 1990 and for a number of years he has been an active member of the BWF.

Paul has been integral in driving forward the BWF's aims and ethos, having been a member of the association's board of directors for 13 years and vice president since 2016.

'We're delighted that Paul has taken up the reins as president of the association. He brings with him experience and knowledge of the sector, an understanding of the challenges we face as an industry and a clear sense of what we can be doing collectively to meet them head on,' says BWF chief executive officer, Helen Hewitt.

'Our thanks go to Sean Parnaby, who has played a central role in our growth. Paul is committed to continuing to drive forward Sean's excellent work in promoting our sector and ensuring that it remains attractive to young people who seek a long and rewarding career,' adds Helen.

Statement from Paul Bailey:

'Political events continue to dictate the activities of businesses across all sectors and the uncertainty over Brexit has undoubtedly made it difficult to plan ahead.

'However, if any sector has the skills, experience and resilience to make alternative plans and get on with things, then it's ours.

'I'm confident that, with support from the BWF and overarching leadership from the Confederation of Timber Industries, the industry is well placed to build on the encouraging growth it has experienced over the past few years.

'There are two areas in particular that I believe are fundamental to ensuring that this progress continues: attracting the next generation of talent and communicating the benefits of wood to professional audiences and the general public.

Attracting and retaining talent:

'The latest innovations in wood manufacturing require

a diverse range of new skills, including computer-aided design and programming and we'll be competing with other manufacturing industries to attract the best talent.

'The BWF believes that ensuring a future workforce for the sector is built upon three key stages: promoting woodworking to young talent, ensuring that apprentices quickly become work-ready and, finally, continuing to support career development to create the stars and leaders of tomorrow.

'A series of BWF initiatives has been carefully designed to support each of these stages and I'm looking forward to playing a part in their success.

'The BWF's "Wow I Made That" schools programme is designed to inspire and engage young minds - connecting education with industry to offer routes into apprenticeships.

'The BWF supports employers and develops apprenticeship standards to ensure that they are fit-for-purpose for the modern and innovative manufacturing techniques that we increasingly use as a sector.

'Apprenticeship schemes and grants available from the Construction Industry Training Board (CITB) are making qualifications a more realistic achievement for many.

'High quality-programmes and funding help to give young

people a real chance, equipping them with the technical skills that they, and our industry, so desperately need.

Promoting wood as a building material:

'The BWF's "Build it Better with Wood" campaign champions the many benefits of using wood as a building material, with sustainability, efficiency, safety and healthy buildings as the key drivers/messages.

'As an industry we must continue to communicate these benefits to a broad range of stakeholders and I see this as representing a large part of my wider role as the BWF's president.

'Through my particular area of specialism within woodworking and joinery, I have long been an advocate of the virtues of wood as a safe building material.

'Amid uncertainty and inertia among local councils concerning the replacement of inadequate fire doors, products independently certified through the BWF's Fire Door Alliance scheme can give building owners the confidence that they have chosen products that are reliable and durable and will perform as required in the event of a fire.

'I'm thrilled that this has now been definitively evidenced through independent testing of timber fire doors by the UK Government, which published its findings in July 2019.

'The BWF's Fire Door Alliance will be actively pushing this safety message over the coming months, culminating with the BWF's flagship awareness campaign Fire Door Safety Week in September, which continues to gain influence year-on-year.

The BWF will also continue to drive forward its other highly successful initiatives - the Stair Scheme and Wood Window Alliance.

'There is a fantastic opportunity for us to promote the benefits of wooden staircases and window frames to both professional and consumer audiences, building on the growth that both sectors have enjoyed in recent years.

'I'm excited about the future, as I take on the role at such a critical time for our industry. United by a passion for wood, I'm looking forward to working with my colleagues at the BWF to raise the profile of UK woodworking, tackle the skills gap and drive innovation and growth throughout the sector.

For further information tel the BWF on 0844 209 2610.
Visit www.bwf.org.uk



Helen Hewitt welcomes Paul Bailey as the new British Woodworking Federation president.



Newly appointed new president of the BWF, Paul Bailey has over 30 years' experience in the woodworking sector.

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Email us at: bill.willowe@gmail.com

WEINIG CLOCKS UP EVEN MORE SUCCESS IN THE BLACK FOREST

THE Black Forest is known the world over for German tradition. Ludwig Züfle Holzwerk, the creative outdoor wood specialist from Baiersbronn, proves that the region has much more to offer than just cuckoo clocks.

Züfle does it all – from facades to terraces, wood in the garden, wooden carports and unusual log cabins.

‘We have completely left the low-cost segment of DIY stores and mass production behind,’ says Peter Züfle.

Instead, the focus is on increasing added value through refinement.

A flexible Weinig Powermat 2400 with a total of 11 spindles forms the cornerstone of that strategy. It is being used to further expand the variety of products and profiles on offer.

The four spindles on the Powermat 2400 are vertical and one of those can be used at an angle.

‘This allows us to produce fence bars, or other specialty pieces using straight blades and without changing tools,’ says Axel Züfle.

In addition, the system has a swivelling uni-spindle that can be used 360 degrees around, which allows time-saving production of more complex profiles, as well as “dipping” for deeper grooves.

The benefits of the machine’s configuration are particularly evident in the company’s innovative flagship product. It combines a tongue and groove construction with oblique cutting and fine scoring to achieve a truly special visual effect.

‘Here, we are transforming the traditional small-scale shingle façade of the Black Forest into a quick-to-assemble component using contemporary processing

technology,’ emphasizes Peter Züfle.

The Züfles are 100 per cent satisfied with the new Powermat 2400.

The boss sums up the advantages succinctly: ‘Planing can be undertaken much more quickly and we spend less time changing equipment,’ he explains.

He has a short-but-sweet explanation as to why he has been loyal to the Weinig brand for over 20 years: “You just know that it works,” he says with a smile.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



Two generations and a single direction: brothers Peter and Axel Züfle, pictured here with their father, Ludwig.



Weinig’s Powermat 2400 features a swivelling uni-spindle that can be used 360 degrees around, which allows time-saving production of more complex profiles, as well as “dipping” for deeper grooves.

WEINIG’S POWER JOINT FINGER JOINTING LINE HELPS FRENCH FIRM TO INCREASE PRODUCTION

IN 2002, four French sawmills started the country’s first double and triple beam production plant. Since it was founded, Pro Lignum has specialised in high-end ranges with great visual quality.

The company from the French Jura region has done what only a few wood processing companies in Central Europe have been able to do.

Since it was founded, the company’s turnover and production have increased year on year. When, in 2016, the existing double and triple beam systems were getting close to their maximum capacity, producing 22,000m³/yr, planning of expansion investments began.

‘In addition to a significant increase in production, we also wanted more flexibility and the ability to produce high-quality glulam,’ says commercial manager, Frederic Tissot.

As an initial step, a year ago, the French company

replaced the finger jointing line and parts of the mechanisation: this was Pro Lignum’s first investment in a line from Weinig Grecon in Alfeld in Germany.

‘The Power Joint 8 is the most powerful compact system on the market in terms of the number of cubic metres produced,’ says Weinig GreCon’s managing director, Pascal Rénevier.

A 40-ton press provides the necessary pressure for the large cross-sections, which can measure up to 300cm².

‘When it comes to small batch sizes and large cross-sections, the Power Joint 8 is unbeatable,’ says Pascal Rénevier.

Another key feature is the clamping tower, which is open on one side and enables the wood to be positioned on the zero line of the shaping unit and clamped via the centre to protect the material.

‘As a result, the system aligns the wood more quickly

and the clamping force is distributed more evenly,’ says the managing director.

The line installed at Pro Lignum was Weinig GreCon’s first finger jointing line for a two-component melamine adhesive.

‘We had to adapt some components but, in the end, it wasn’t a problem,’ says Pascal Rénevier.

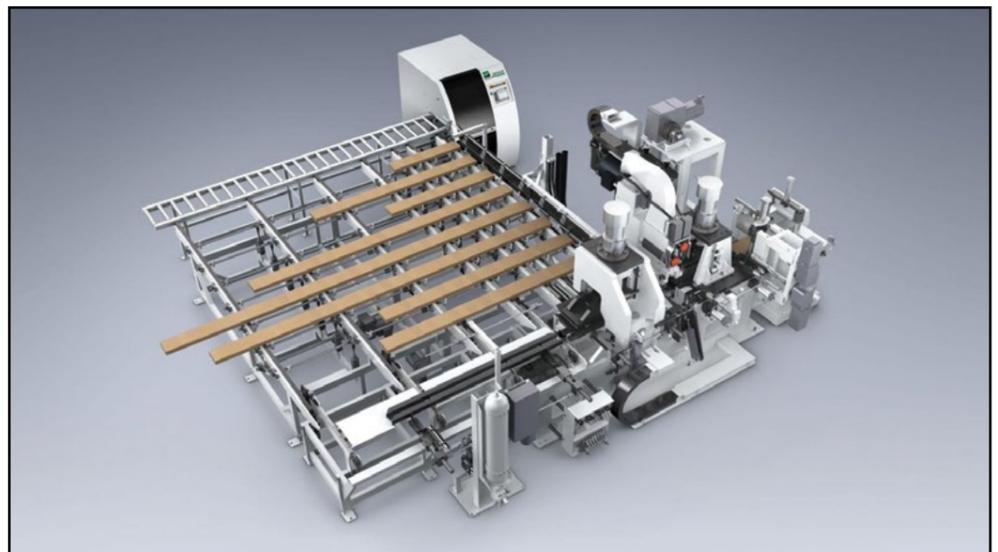
For Pro Lignum, this was no obstacle to the partners breaking new ground together.

‘It was important to us to work with a large company that will still be around in 15 years’ time. As we worked together so closely right from the start, there was a great deal of trust and that trust has been well rewarded,’ says Frederic Tissot.

For further information tel Weinig on 01235 557600. Visit www.weinig.com



Partners with great ambitions: managing director of Weinig GreCon, Pascal Rénevier together with Pro Lignum production manager, Gregory Bud and commercial manager, Frederic Tissot.



According to managing director of Weinig GreCon, Pascal Rénevier, when it comes to small batch sizes and large cross-sections, the Power Joint 8 is unbeatable.

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

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IDEAGEN - CELEBRATING 25 YEARS WITH THE RELEASE OF Q-PULSE SOFTWARE

SOFTWARE firm, Ideagen has released the latest version of its “modern, slick and visually-rich” version of Q-Pulse software to celebrate its 25th anniversary

The latest iteration of Ideagen’s quality, safety, risk & compliance management software is used by manufacturing and services firms, such as Bombardier, Coca Cola, Kingspan and Aggreko

Ideagen, the governance, risk and compliance GRC software provider, has launched a new and improved version of its Q-Pulse application to coincide with the 25th anniversary of the software.

Ideagen is headquartered in Nottingham, England, UK, which is a Centre of Excellence site.

The company has three other Centre of Excellence sites – one in Glasgow, one in North Carolina, US and a third in Kuala Lumpur.

The company also has global, strategic operational premises including (in the UK: Bromsgrove, Chesterfield, Leeds and Taunton), Cork in Ireland, as well as in Dubai, Kansas USA) and Sofia in Bulgaria)

The UK-based firm unveiled Q-Pulse version last month, thus marking the latest evolution of the quality, safety, risk and compliance management software.

Q-Pulse is used across the manufacturing and services industry to maintain operational integrity in line with standards, such as ISO 9001:2015.

The software helps remove labour and bureaucracy from quality and compliance management, providing control, efficiency and transparency.

As well as maintaining the software’s existing functionality, the browser-based Q-Pulse 7 comes with powerful dashboards for increased business intelligence and an intuitive user experience.

Ideagen’s chief technology officer, Ian Hepworth joined the company in May, 2018, to drive the development of Q-Pulse 7.

‘For any software product to remain at the top of the market for 25 years is an extraordinary achievement. To have one of our own reach that milestone is very special indeed and we are incredibly proud of the software and this latest iteration,’ says Ian.

‘With Q-Pulse 7, we believe that we have produced a modern, slick and visually rich software product that has really taken the application to the next level.

‘We have focused on bringing data from all across the business to life through visually appealing and quickly consumable dashboards to ensure that users can access information that is important to them quickly and easily.

‘In addition, thanks to its web-based interface, the system can be accessed anytime, anywhere – significantly extending its overall reach,’ adds Ian.

‘Q-Pulse 7 marks an exciting next step in the future of the product and in Ideagen itself. We believe that this release provides a solid foundation for the software to continue to lead the way in the manufacturing industry for at least another quarter of a century,’ proclaims Ian.

Originally launched in 1994, Q-Pulse first came into prominence as a quality

management solution, helping organisations make the first moves to paper-free control of processes related to document, audit and corrective action management.

Since then, each version has expanded its capability to help Q-Pulse become a trusted solution across the global manufacturing industry.

‘Q-Pulse helps organisations build a repository of business critical information that they can use to improve other processes,’ says Ideagen’s product manager for Q-Pulse, George Hall.

‘With Q-Pulse 7, all of this information can be surfaced immediately to improve the understanding of business performance like never before. It really goes beyond simple analysis and opens up the entire database for scrutiny,’ adds Mr Hall.

‘Since 1994, Q-Pulse has evolved from an innovative quality management solution to become a leading application within manufacturing for quality, safety, risk and compliance management,’ says Ideagen chief executive officer, Ben Dorks.

‘The success of the software during that time is testament to the talent, knowledge and foresight of our team within Ideagen and our customer base, who have helped to shape Q-Pulse into the product that we see today,’ he adds.

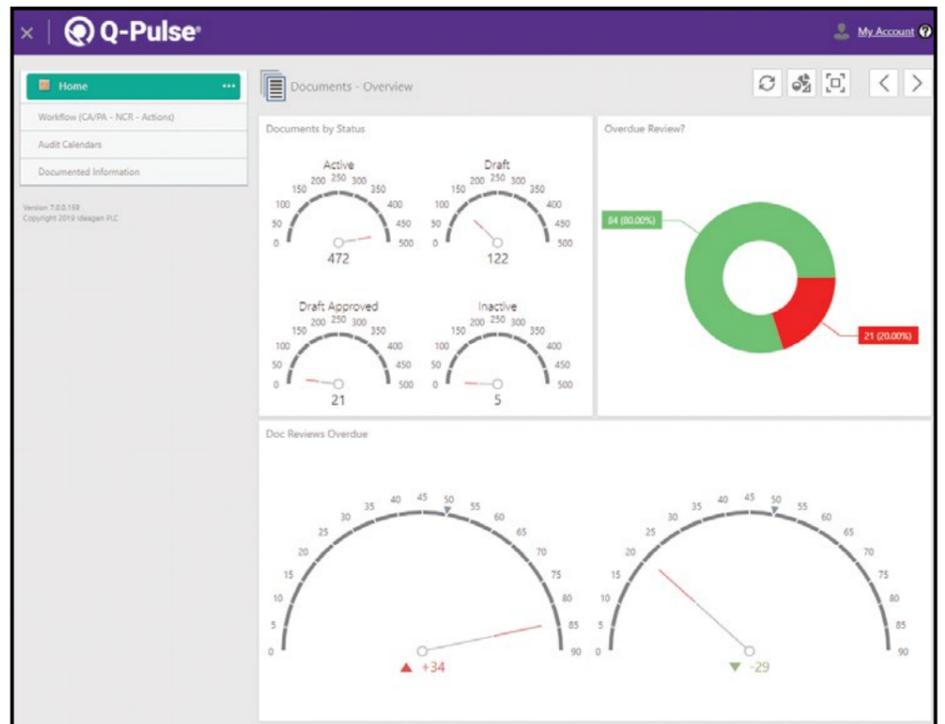


Ideagen’s chief technology officer, Ian Hepworth.

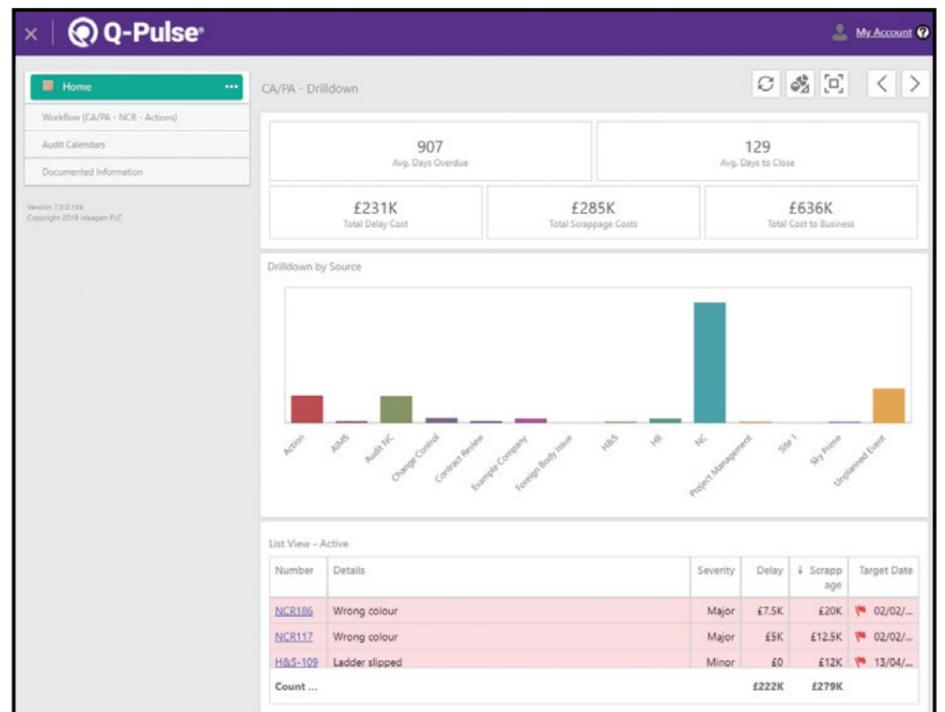


Ideagen chief executive officer, Ben Dorks.

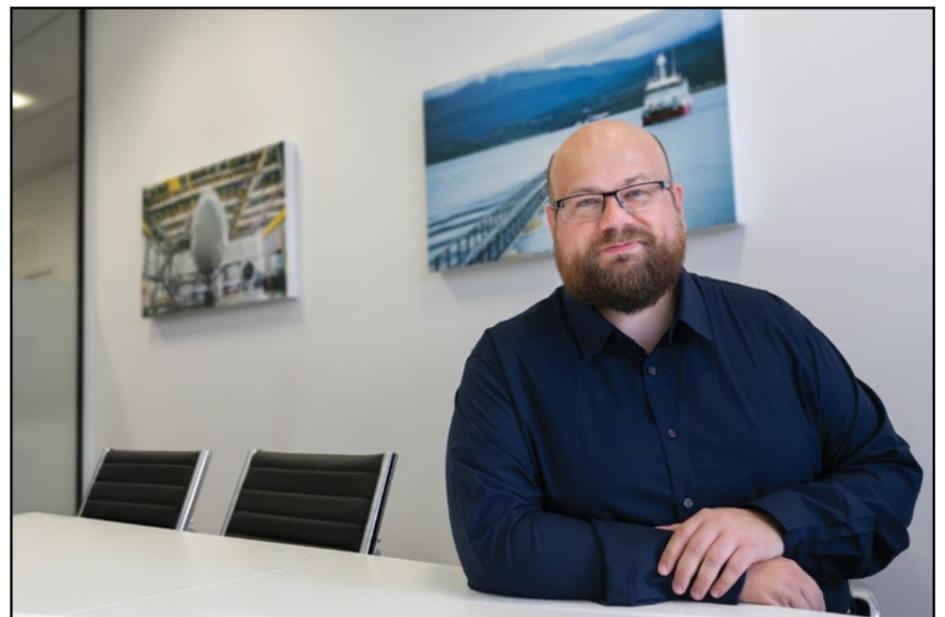
For further information tel Ideagen on 01629 699100
Visit www.ideagen.com/products/q-pulse



Q-Pulse documents dashboard.



Q-Pulse 7 CAPA dashboard.



Ideagen’s product manager for Q-Pulse, George Hall.

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BUYING A WOOD WASTE HEATER MAKES BOTH ECONOMICAL AND ENVIRONMENTAL SENSE

A NORFOLK cabinet maker has purchased a wood waste heater from Wood Waste Technology to save money on heating and waste disposal costs.

Valdivian Furniture in Norwich is a family run contract furniture company that offers companies the chance to buy high-quality contract furniture that is built from sustainable materials and manufactured in the UK.

The management team at Valdivian Furniture started carrying out some research on wood waste heaters via the Internet, but then were recommended by one of their business associates to speak to Wood Waste Technology.

The company's 12,000ft² workshop is situated on an old RAF base so, whilst there is ducting around the woodshop from an old hot water heating system, there was no actual heating installed, meaning that the company had to rely on electric heaters to heat the workshop during the cold winter months, which led to some quite large heating bills.



'Once we worked out how much money we were spending on heating the factory and disposing of waste wood offcuts, investing in a wood waste heater seemed the best solution,' explains director, Justin O'Donnell.

'We also realised that, if we could get the wood waste heater to link into the original ducting system, we could heat the whole building efficiently by recycling the old ducting system to recycle our waste wood!' adds Mr O'Donnell.

Valdivian Furniture's decision to invest was made even easier once the business realised that it could receive some grant money to help with the cost of the investment and the business purchased a WT15 during winter 2018.

'We're delighted with our purchase. We use a great deal of MDF and hardwoods in our manufacture, so it's great to be able to recycle

the offcuts of these instead of having to send them to landfill,' says Mr O'Donnell.

'We're saving a fortune on waste disposal and the heater keeps the workshop nice and warm in the winter. We've calculated that the wood waste heater will payback in less than two years, which represents a fantastic return on investment.

'Buying a wood waste heater just makes both economic and environmental sense!' concludes Mr O'Donnell.

Wood Waste Technology's years of expertise in wood waste solutions have helped many companies reduce their waste disposal and heating costs.

As well as offering site survey, design, manufacture, installation and on-going maintenance for new units, the company also services all types of wood waste heaters and supplies genuine spares up to 60 per cent cheaper than other suppliers.

In addition, Wood Waste Technology is the UK official distributor for Gross Apparatebau GmbH, a German manufacturer of dependable, precision engineered shredders and briquetters, available in various size and specifications to suit all business applications.

For further information tel Wood Waste Technology on 01785 250400. Visit www.woodwastetechnology.com or www.grossuk.co.uk

BWF 2019 AWARDS CALL FOR ENTRIES OPEN

THE British Woodworking Federation (BWF) has launched a call for entries for its prestigious BWF Awards, which includes a brand new category for 2019, "The Rising Star Award".

Now in its 11th year, the event provides an unrivalled opportunity for the woodworking industry to come together to showcase its most outstanding work from the past year and to celebrate the individuals behind it.

The "Rising Star Award" category has been introduced this year to recognize and champion individuals within the industry who are having a positive impact on their organisation and the wider community.

'The BWF Awards shine a much-deserved spotlight on the UK's woodworking sector to showcase the incredible things that can be achieved using wood and the people - whether new to the industry, or long-standing - that make it the highly innovative and industrious sector that it is,' says chief executive of the BWF, Helen Hewitt, launching this year's call for entries.

'The quality of submissions we received last year was truly fantastic and we'd like to encourage businesses of all sizes, focusing on a whole range of wood products and projects, to come forward and tell us why they deserve recognition,' says Helen.

Commenting on the introduction of the Rising Star Award, Helen said:

'This new category has been introduced to recognize individuals whose dedication and hard work has made a real difference either to the organisation in which they work, or to the wider woodworking community.

'As a trade association, we are now placing a greater focus than ever on supporting career development and creating the leaders of the future. As part of that we want to celebrate those who have demonstrated that they have a very bright career ahead of them.' says Helen Hewitt.

All entries are free and should be submitted by 17:00 on Friday September 13. Businesses can nominate themselves, or be nominated by a client, or supplier.

The shortlist will be announced in October, followed by the BWF's annual dinner where the award winners will be announced and celebrated at the Honorable Society of Lincoln's Inn, London on Friday November 22.

The categories for this year's awards are as follows:

Woodworking Project of the Year Award - Sponsored by Centor:

- Recognises innovation and the very best in design, application and ability in joinery manufacture.
- The award will be judged against any of the following criteria: craftsmanship, project management and excellence & achievement.

Product Design in Wood Award - Sponsored by Teknos:

- Recognising excellence in technical innovation, design and application in joinery product manufacture.
- The award will be judged against any of the following criteria: innovation, design and excellence & achievement.

Apprentice of the Year Award - Sponsored by Remmers:

- Celebrates the achievements of those individuals who are on a formal apprenticeship in a woodworking joinery-related occupation, such as bench/architectural joinery, wood



machining and wood product manufacturing.

- The award will be judged against any of the following criteria: outstanding achievement, commitment, adding value and personal development.

Rising Star Award - Sponsored by the Timber Trade Federation:

- This new category has been designed to recognize an individual whose dedication and hard work has made a real difference either to the organisation in which they work, or to the wider woodworking and joinery community.
- The award will be judged against any of the following criteria: customer service, innovation, team/community and business transformation.

Health & Safety Hero Award - Sponsored by CITB:

- Acknowledges individual, or collective effort, which has made a notable difference to the Health and Safety practices and culture within a business.
- The award will be judged against any of the following criteria: a focused outcome, commitment and adding value.

Process Efficiency Award - Sponsored by W20 exhibition & the FIT show:

- Designed to recognize the implementation of lean processes to maximize value for money, quality and speed of delivery.
- The award will be judged against any of the following criteria: clear thinking, measurable results, commitments and adding value.

For further information tel the BWF on 0844 209 2610. Visit www.bwf.org.uk

VISION ENGINEERING LAUNCHES THE WORLD'S FIRST ULTRA-HIGH DEFINITION DIGITAL STEREOSCOPIC 3D VIEW MICROSCOPE



VISION Engineering, a manufacturer of high quality visual inspection and measurement technologies, has launched its latest, innovative flagship product the Deep reality viewer DRV-Z1 microscope.

The DRV-Z1 enables the user to view high definition 3D images under magnification without using a flat screen, or requiring operators to wear goggles, or specialist glasses.

Uniquely, by linking multiple DRV systems via wired, or wireless technologies, users can share and manipulate 3D images of components and parts or products in real time.

The DRV-Z1 is set to transform supply network collaboration in manufacturing and quality, design and rapid prototyping sectors.

The ability to simultaneously share and discuss full 3D images of critical parts, repairs, or design enhancements without any delay offers tangible benefits.

In terms of the transfer of vital information and the quality of view, colleagues across multi-site organisations, suppliers and their customers and designers and manufacturing engineers can use the DRV's real time connectivity to significantly accelerate and improve both product design and client response.

Worldwide, companies and their workforces already recognize the importance of the ergonomic benefits that Vision Engineering products provide, addressing well-documented issues, such as operator fatigue and eyestrain, which both result in reduced operator efficiency and productivity.

Using Vision Engineering's globally patented TriTeQ3 digital 3D display technology, the DRV-Z1 moves these advantages even further forward, combining improved ergonomics with the real time transfer of 3D product images for rapid and informed decision-making.

DRV-Z1 systems are designed to address important quality control and production requirements

'This breakthrough technology sets a new industry standard, offering users an incredible 3D viewing experience, without the need for glasses, or headsets,' says managing director, Mark Curtis.

'The ability to share high definition images with other users anywhere in the world presents a huge opportunity to improve standards across key industries,' he concludes.

For further information tel Vision Engineering on 01483 248300. Visit www.visioneng.com

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CABINET VISION SOFTWARE CHANGES BUSINESS MODEL

AN award-winning Irish furniture manufacturer producing quality, bespoke joinery, kitchens and furniture for high end office fit-outs, says that introducing Cabinet Vision and Alphacam into their company, completely changed their business model.

BSG Design Ltd was founded by brothers, Barry and Stephen Goulding, at Trim, County Meath, in 2013.

Three years later they reached the final of "Ireland's Best Young Entrepreneur" and in 2017 won the Meath "Best Small to Medium Enterprise" and "Overall Best Business."

Barry attributes their success to attention to detail in their design and planning, and short project timescales.

'Using Alphacam and Cabinet Vision has pretty much doubled the size of the business by improving efficiency in the production processes,' says Barry.

The majority of the company's work is bespoke high-end office and kitchen fit-outs, including reception counters, wall panelling and tea stations for prestigious customers, such as PayPal, IBM, Ernst & Young, Irish Life, Northern Trust Bank and Gourmet Food Parlour, with the remainder being domestic kitchens and cabinetry.

Prior to investing in the four-axis SCM Pratic CNC nesting machine, the company operated with a panel saw, but now 70 per cent of their work goes through Cabinet Vision and the remaining 30 per cent through Alphacam, with an overlap of around 20 per cent of jobs being handled by both.

Barry first used the software whilst studying at the GMIT Letterfrack College in Ireland for his Design and Manufacture qualification and Furniture Design degree.

'After graduating, I worked in the industry for around 10 years, for furniture companies and could see how much more efficient they'd be if they used Cabinet Vision and Alphacam,' says Barry.

So, when he started his own company, it was always the plan that CNC machinery and the CAD/CAM software would be introduced. He now carries out CAD drawings and 3D renders in Cabinet Vision and uses its powerful Screen to Machine tool to communicate all the engineering data directly to the Pratic.

A number of bespoke programs to manage aspects, such as Keku clips and locks have been set up via the software's User Created Standards (USCs).

'These bespoke USCs write specific code for us to enable the software to do exactly what we need for particular individual tasks,' says Barry.

As BSG manufacture cabinets to suit customer requirements, they use the software to set different construction methods.

'For example, we may be working on an in-frame unit and the next job could be a slab door with a chamfer back handle detail and a checkout in the carcass for the handle rail.

Alternatively, we may be switching between rafx and dowel jointing, as details vary from project to project. So it's invaluable to be able to vary the construction methods on how each item is made, quickly and simply,' explains Barry.

He describes how the company originally used 2D software for their panel saw and that "huge" time savings have now been achieved by drawing a 3D model in Cabinet Vision, as all the tool-paths for the CNC are generated automatically.

'Screen to Machine sends accurate NC code for everything we've put on the model, out to the machine tool. For example, if we put drawers, or any cabinet fittings on the model, all the mounting holes are machined in the various positions correctly, without us having to do anything else,' says Barry.

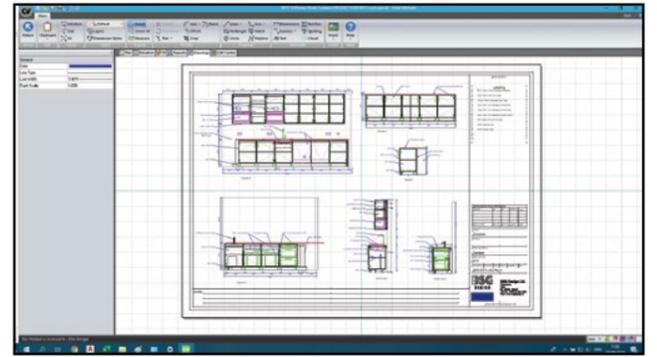
Barry Goulding says that with Cabinet Vision taking care of standard shaped cabinets, it was a natural progression for them to bring in Alphacam to tackle more complex components, such as curved reception counters and other items that could not be cut with Cabinet Vision.

The two software brands from the production software stable of Hexagon Manufacturing Intelligence have played a major contribution in overcoming BSG's biggest challenge, which was meeting the extremely short deadlines required from customers.

'Basically, once the CAD drawings have been carried out and approved, we're almost there, because getting the CNC program, the saw cut-list, assembly sheets and labels with manufacturing information from the 3D model is very fast,' says Barry.

While they tender to main contractors, they are often recommended by architects and interior designers, who are impressed with their speed, efficiency and the high quality product finish.

'Once we've tendered, we receive a set of drawings, usually as a PDF and build our



Alphacam and Cabinet Vision designs from those.

'The original drawings from the client usually just show a general design idea and we need to incorporate accurate measurements and technical details for our own production and for other trades, such as plumbing and electrical,' says Barry.

Their designs regularly must take into account items which are not found in standard kitchens, such as large commercial fridges and commercial coffee machines.

'In addition, we frequently have to begin manufacture before the walls are even built, to keep within the project time-line. Therefore, we often agree measurements with the contractor without going on site to get the drawings approved and then change the dimensions again just before production.

'However, it's so easy to modify the Cabinet Vision models by dragging and dropping them and changing their dimensions, so that the final NC code produces perfectly accurate cabinets for the room,' says Barry.

In conclusion, he says that the software has also enabled the company to implement a degree of lean manufacturing within BSG, which has helped change their business model.

'We saw considerable benefits as soon as we started using Cabinet Vision. As it creates each bespoke NC file from the CAD model in the office, there is a great deal less downtime on the Pratic, as the manual input has been greatly reduced.

'These efficiencies have made the process considerably faster. The way parts are presented has improved with labelling from Cabinet Vision's Label-IT, which means that nothing is forgotten once it has been inputted into the model.

'Anyone in the workshop can see a complete overview of the job. The manufacturing booklet created in Cabinet Vision shows what's required for each project and the labels ensure an accurate flow of information from the office to the workshop.

'Finally, for the fitters on site to see everything that's required for the installation, even down to the number of hinges and handles, and that all the fittings are there,' concludes Barry.

For further information tel Cabinet Vision on 01189 756084. Visit www.cabinetvision.com



A CUT ABOVE THE REST!

Welcome to the Industrial Woodworking & Panel Processing Website!

Our website provides an introduction to the magazine and is updated every single month. It is designed to be quick and extremely easy to use with every one of the previous year's magazines appearing on-line, providing the woodworking professional with easily accessible information at their fingertips.

Quite simply, our website provides you with relevant and informative information in a straightforward, no nonsense style.

Whether you want to view our current issue BEFORE the magazine itself is published, or whether you wish to research articles which have appeared during the previous 12 months, it is all readily available to you.

John Emslie - Publisher



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