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REWARDED FOR EXCELLENCE

HOWDEN's Joinery, claimed to be the UK's largest supplier of kitchens and joinery to trade customers, has been awarded the prestigious Manufacturing Guild Mark from The Furniture Makers' Company.

Founded in 1995, Howdens supplies over 469,000 account holders with 4.4m kitchen cabinets, 2.5m doors and a million worktops and breakfast bars each year, manufacturing from factories in Runcorn, Cheshire and Howden, East Yorkshire.

In 2018, Howdens reported annual sales of around £1.5bn, with profit before tax of £239m.

Sponsored by the Biesse Group and Lectra, the Manufacturing Guild Mark has been the mark of excellence, distinguishing Britain's top furnishing manufacturers, since 1993.

The Manufacturing Guild Mark is awarded to companies which demonstrate high standards across seven assessment criteria: design, product development and function, manufacture, human resources, financial stability, sustainability and sales and marketing.

'We are incredibly pleased and honoured to be awarded the Manufacturing Guild Mark as a mark of excellence in our manufacturing team and operations,' said Julian Lee, speaking on behalf of Howdens Joinery.

'This award acknowledges the exemplary standards to which our teams operate in order to deliver the best kitchens and joinery products to our customer,' concludes Mr Lee.

For further information tel Howdens on 01604 876000. Visit www.howdens.com



BIESSE'S SUPPORT

'HOLDING a Manufacturing Guild Mark provides a great platform for any company involved in the UK furniture industry to showcase their business, hence why Biesse has committed to supporting this initiative,'

says Biesse Group UK chief executive officer, Steve Bulmer.

Sponsored by the Biesse Group and Lectra, the Manufacturing Guild Mark has been the mark of excellence, distinguishing Britain's top furnishing manufacturers, since 1993.



STANDING OUT FROM THE CROWD

SALICE certainly stood out from the crowd with its stand at kbb with its range of kitchen furniture fittings.

Salice show-stopping stand featured plush carpets, greenery and the cabinetry on display enabled visitors to view and see in operation, the company's ever-expanding selection of products, ranging from award winning hinges to innovative sliding systems, lift systems, runners and drawers

and accessories, including stylish storage to discreet waste management solutions.

Salice's pioneering hinges were featured on the stand be on the stand too, including the Silentia+ range.

Designed to offer the most advanced deceleration system, Silentia+ delivers a consistent closing action across a range of hinges for doors of all sizes, weights and applications.



For further information tel Salice on 01480 414831. Visit www.saliceuk.co.uk

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Ormamacchine is proud to present its new Press with a Revolutionary and Patented Heating System entirely conceived and developed by the Ormamacchine Research and Development Office.

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Some of the advantages

- More than 50% power saving compared to what is currently available on the market
- Temperature difference between various platen places is of plus/minus 2°C; so there is a homogenous temperature on the whole platen surface
- Possibility to set different temperature between upper and lower platens
- The platens max. resistance to the pressure is of 20 Kg/cm²
- No maintenance required. Compared to any other heating system, where periodic maintenance is always necessary, with this system such operation does not exist anymore
- No noise during its functioning



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NOT ALL AMERICAN WHITE OAK IS EXACTLY THE SAME

AMERICAN white oak is a wide-ranging and diverse species from the US and one of the largest commercial hardwoods used in the UK for interior joinery and furniture applications, from flooring to kitchens, staircases and furniture, according to UK distributor, James Latham.

Due to the sheer size of the US, American white oak varies vastly from one region to another and it is vital that the right product is employed for the correct application to avoid disappointment.

With over 250 years of hardwood experience, James Latham prides itself on stocking the most relevant range of American white oak products for the UK market.

As is true of the quality variations from state to state, there are many ways to enhance the product during processing to make a superior quality lumber.

Likewise, there are many ways to cut corners and costs to produce a weaker-quality material, albeit at a lower price per cubic metre. True value comes from the yield the wood provides against the price paid.

All of the American white oak stocked by James Latham is from mills where the company has enjoyed continuous, consistent supply for many years.

James Latham takes the time to send staff out to these suppliers on a regular basis, to learn the full story behind the production and to ensure consistent quality to best match its customers' requirements.

At the top of the range is its Super Prime material. Supplied by one mill, this extremely high-specification American white oak is exclusive to James Latham, meeting its own demanding requirements.

It is selected to be defect-free – meaning no sap, no wane, no side bend, no knots, no pin holes and a consistent colour.

For the customer who prefers to buy a regular FAS (Prime export) grade, James Latham has tailored supply from the Augusta and Salamanca mills, in Virginia and New York State, respectively, both of which produce a clean, all-round American white oak.

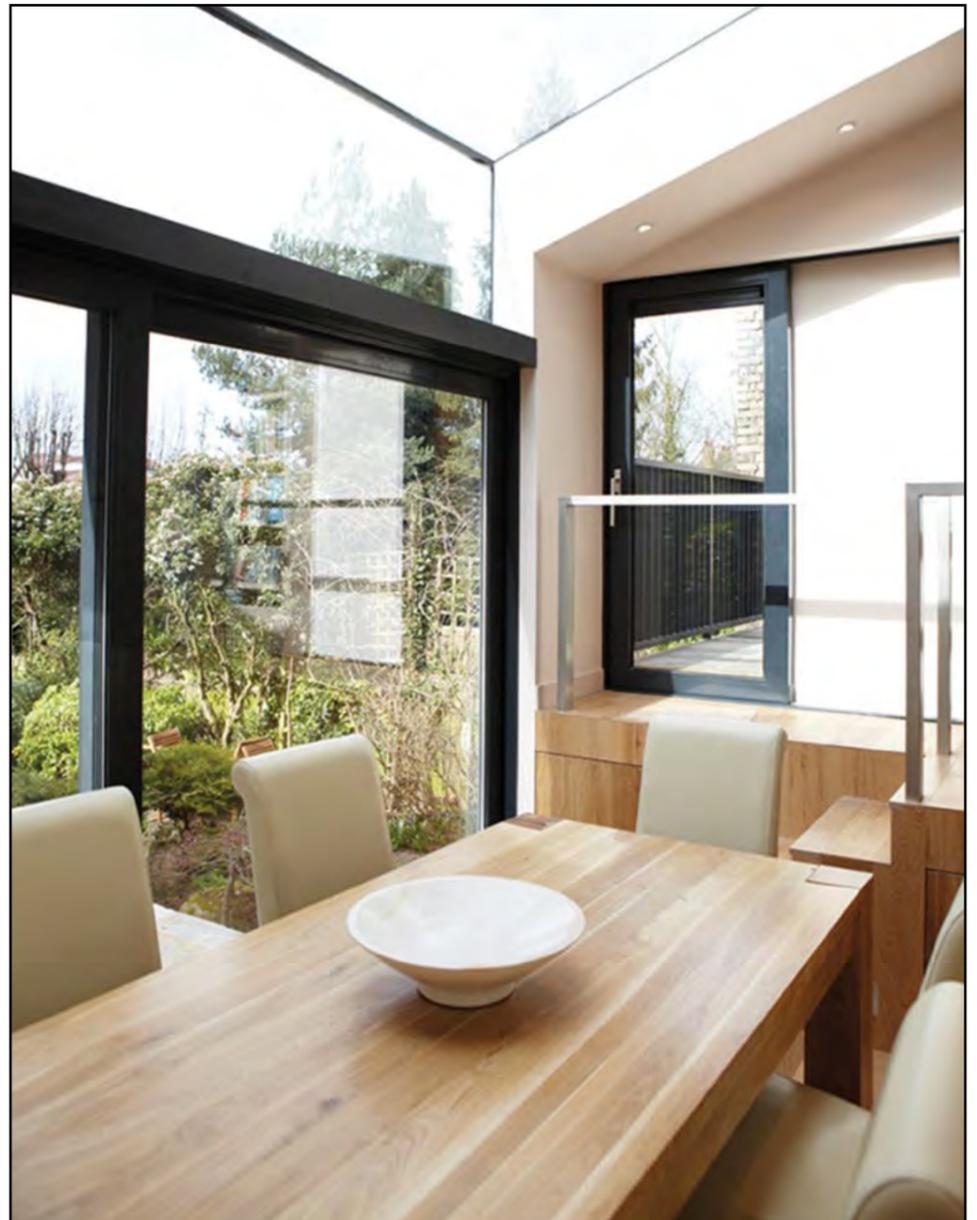
From sawmilling through drying to grading and packaging, their processing methods are all quality-controlled to the highest standard, with no corners cut, resulting in an end product, which offers customers impressive yield and overall value.

To complete the package, James Latham offers wood products from its partner Horizon, situated in the heart of Pennsylvania.

Horizon offers a unique conversion method in the North American market, in so much as it processes only one log at a time through its bespoke production facility.

Indeed, the Horizon method is so slick that it actually enables the company to produce “log-intact” material, which gives the craftsman the closest thing they will find to a solid wood book-match veneer.

For further information visit www.lathamtimber.co.uk



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ALL APPROVED FOR PREMIERE BY FERWOOD

ESTABLISHED more than 25 years ago, Premiere Kitchens specialises in supplying kitchens to housing developers and providers across the UK.

Keen to increase production, simplify both volume and just-in-time production and build on its reputation as a supplier of cost-effective, design-led kitchen solutions, the Gloucester-based business purchased a "Ferwood Approved" Biesse Skipper 130 from reconditioned machinery specialist, Ferwood.

'For over 15 years, we had been using a Brema drilling machine to feed our assembly line, but it was struggling to keep up with demand,' explains head of operations at Premiere Kitchens, Mike Allen.

'We needed a machine that could offer us a higher level of automation, work effectively on volume orders and help us to fulfil growing demand for response orders. We also wanted to decrease the machine's foot-print in our factory, allowing us more room and increase machining efficiencies by at least 20 per cent,' says Mr Allen.

Following a recommendation from a trusted contractor, Mike began to research Ferwood's used machinery offering.

'I'd never bought a used machine before, but their business model made complete sense,' he admits.

'By buying a "Ferwood Approved" machine, the business would not only be benefitting from a newer machine with modern technology, but also a fully-reconditioned machine for a considerably lower price tag.'

A Biesse Skipper 130 fitted the company's requirements perfectly. Equipped with an automatic panel infeed and measuring system that verifies the exact size and thickness of each panel in real time and automatically adjusts the machining depth as necessary, it not only automated production, it also facilitated the machining of six panel faces simultaneously in one single step (including dowel insertion), eliminating the need to feed the panels through the machine several times.

A trip to Ferwood's Headquarters in Italy, gave Mike and his team the opportunity to see the machine and to experience the company's unique 10-step reconditioning process, which sees machines completely stripped down and worn, or damaged parts replaced before a full test by specialist engineers.

'I was keen to see as much of the machine as possible and the engineers were really helpful. The level of refurbishment was incredible.

'They were also able to give me some background on the machine, talked me through the benefits of a "Ferwood Approved" machine, including its six-month warranty and they used our own materials to demonstrate the machine's performance. This allowed us to make an informed decision and we bought the machine a few days later,' says Mr Allen.

The machining centre was installed three weeks later and improvements to the company's manufacturing processes were noticed immediately.

'We had been running 400 units through our old machine on an eight-hour shift and we had hoped that the introduction of the new Skipper would help us reach 475 unit/shift, but the double-sided production of doors, drawers and side panels, meant that it smashed this target by continuously hitting 600 units/shift – and we know we can achieve even more,' says Mr Allen.

'We've adapted our assembly line to work to these new speeds and we no longer suffer from a lag between units and build time. It's also given us the production flexibility and responsiveness needed to fulfil response orders that need to be completed in a matter of hours. If this continues, we expect to see a return on investment in 18 months,' adds Mr Allen.

However, it's not all about volume for the kitchen manufacturer.

'Quality is big factor for us and we haven't had any quality concerns since the Skipper was installed. It's helped us significantly reduce handling and material waste.'

For further information tel Ferwood on 0113 286 6689.
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SPECIALIST IN THE PROVISION OF A WIDE SELECTION OF BIOMASS BOILERS AS WELL AS POWER PLANTS

THE global energy situation is characterised by limited natural Viessmann wood combustion systems – innovative wood-firing systems up to 8,000kW gas and oil reserves as consumption increases. In addition, increasing CO2 emissions heat the earth's atmosphere and thus lead to climate change.

This forces a responsible use of existing resources and requires more efficiency and the increased use of renewable energies.

Biomass plays a special role here. It provides most of the renewable energy, is steadily available and can be stored as needed, unlike wind and solar energy.

Wood as a fuel remains cost-effective in times of unpredictable energy prices, burns CO2 neutral and, in conjunction with sustainable forestry, helps to implement environmental and economic goals.

As a specialist for biomass boilers and power plants in the power range up to 8,000kW, Viessmann Holzfeuerungsanlagen GmbH is one of the leading full-service providers in this industry. Viessmann Holzfeuerungsanlagen focuses on the conception and



implementation of biomass plants for industrial, commercial and municipal customers.

With an export share of around 88 per cent of sales, the company is internationally orientated, with more than 4,000 plants in operation in Europe alone. Viessmann Holzfeuerungsanlagen (Mawera) was founded in 1975 as Mawera and currently employs around 120 people at its location in Austria.

From boilers through to fuel delivery systems and exhaust gas cleaning the products are suitable for all wood fuels.

Essential features include the different firing systems, which are individually planned for each project and tailored to the needs of the customer.

Depending on the heat demand, hot water, steam or thermal boilers are used. Viessmann supplies the tailor-made systems turnkey and also provides the necessary accessories.

Services such as conception, service and assembly organisation emission measurements and the renovation of old plants complete the offer.

As the leading international supplier of heating technology systems, the Viessmann Group offers a complete program for all energy source and performance ranges.

Founder in 1917, the family owned company employs 12,000 people worldwide. With 23 production companies, sales organisations in 49 countries and 120 sales offices worldwide, Viessmann is internationally orientated.

For further information tel Mawera on 01543 258844. Visit www.mawera.com

VISSMANN OFFERS A RANGE OF SPECIALIST BIOMASS BOILERS & POWER PLANTS

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NEW WASTE EXTRACTION SYSTEM HELPS GROWING PRODUCTION REQUIREMENT AT CHESHIRE FURNITURE MANUFACTURER



AN investment of more than £200,000 in the past year has enabled bespoke furniture manufacturer, Brownlow Furniture to expand its Cheshire workshop production capacity and manage its dust extraction more effectively.

The company, which was set up in 2001 by its founder, Rob Bennett, has grown from a “one man” artisan workshop to a business employing more than 30 local designers and craftsmen.

In order to cope with ever-increasing business the company recently invested in a £80,000 three-axis CNC drilling machine to add to the machining, spraying and pre-assembly equipment in its three main workshop areas.

In addition, it has installed a new dust extraction facility from Wood Waste Control (Engineering) Ltd comprising a 2600W silo filter, with 22KW main fan, control panel and ducting to remove waste from the new machine.

The new extraction facility for the CNC drilling machine is in addition to a WWC 900 four-bin modular filter unit with 15kW main fan installed the year before to extract waste efficiently from the company’s panel and sanding machinery.

‘The installation of the new extraction system for the CNC machine went very smoothly,’ says Brownlow spokesman, Matt Harland-Jones.

‘The Wood Waste Control installers were very knowledgeable and made the whole installation painless,’ he adds.

‘The new silo filter system is running extremely well. The extracted dust waste is currently discharged into bags and taken away every three weeks, or so,’ says Mr Harland-Jones

‘The filter bags inside our modular silo filter extraction units can be cleaned automatically by regeneration reverse cleaning fans built into the top of the filter housing, which allow the bags to be cleaned automatically on shut down of the system, ensuring the efficiency and life of the filter bags,’ says managing director of Wood Waste Control (Engineering) Ltd, Reg Gareppo.

‘We are now looking at the possibility of adding briquetting and waste heater facilities at Brownlow Furniture to enable its waste to be used to heat the workshops there,’ adds Mr Gareppo.

Wood Waste Control is one of the UK’s leading dust extraction and heating equipment specialists for the woodworking industry.

It designs, manufactures, installs and commissions solutions from simple stand-alone bagging units through to complex integrated extraction and heating systems.

The company also provides well-proven chippers, including horizontal grinders and a range of briquetting machine for all applications.

Wood Waste Control’s range of manual and automatic warm air models are capable of burning a wide range of wood fuels automatically, as well as accepting hand-loaded offcuts.

The company is based in Bourne End near High Wycombe and has hundreds of successful installations across the UK, in Europe, Russia and Africa.

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

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Castle Pocket Routers from ATA Engineering



New Improved Model TSM22 Pocket Router

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

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

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

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MIRKA UNITES WITH ABRASIVE MANUFACTURERS FOR ADDITIONAL SUSTAINABILITY



DEMONSTRATING its unwavering commitment to sustainability, Mirka is joining the new European programme focused on sustainability called SEAM - Sustainable European Abrasive Manufacturers.

The initiative is designed to drive forward the industry's pledge to implement new sustainability measures for the long term.

The objective of the SEAM programme is to support and assist abrasive manufacturers in their aim towards sustainable growth and sustainability improvements, mostly in production and distribution.

To be approved on to the programme, Mirka had to meet a series of requirements organised into the three fundamental pillars of sustainability: Environment, labour and economy.

'Long-term sustainable development has always been an important and natural part of Mirka's business,' says chief executive officer of Mirka Ltd, Stefan Sjöberg.

'We have accomplished a great deal already. Being sustainable is an integral part of our vision: to be the most responsible company in our industry,' continues Stefan Sjöberg.

'For us, it has always been clear not to waste financial or material resources - of our own, or those of our customers.

'These initiatives and achievements are compiled under "Our Clean Commitments" where we describe the development of our corporate sustainability programme transparently with various KPIs. This goes hand in hand with the new SEAM programme, concludes Mr Sjöberg.

Large, medium and smaller abrasive manufacturers, suppliers and distributors have joined SEAM to set a European sustainability standard.

It will move the industry towards a balance between environmental efficiency, production performance and labour safety, all of which are important values that strengthen the positions of European companies globally and improve the life of a community.

The SEAM programme is constantly being developed. New services along with performance monitoring and management tools are on their way to be made available to all SEAM members.

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EXCITING CABINET VISION AND ALPHACAM ENHANCEMENTS DEMONSTRATED AT kbb

Woodworking Software Creates Digital Threads for Smart Factories

VISITORS to the kbb exhibition saw how woodworking CAD/CAM software from Alphacam and Cabinet Vision can increase both sales and productivity for kitchen specialists.

‘They attracted considerable interest, as the latest versions both feature a raft of new and enhanced functionality,’ explains EMEA sales manager for both products, Michael Pettit.

Visitors were particularly interested in solutions that connect their business silos together, primarily sales to manufacturing.

‘Cabinet Vision is the perfect tool to create the “Smart Factory”, allowing for automation from the showroom floor to all the diverse manufacturing processes. Sales, design, pricing, presentations, furniture engineering, reporting and

machining are all parts of the total “Design to Manufacture” solution that is Cabinet Vision,’ adds Mr Pettit.

In addition, with Alphacam visitors wanted to see how they could move away from autonomous work cells and create a digital thread, where they connect their processes together for greater efficiency and profitability.

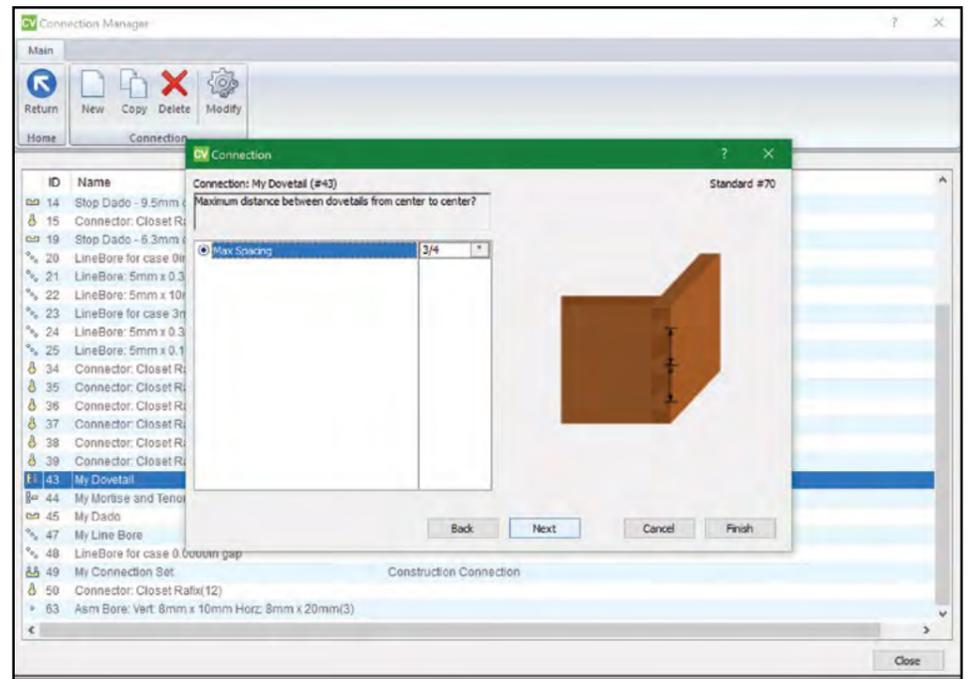
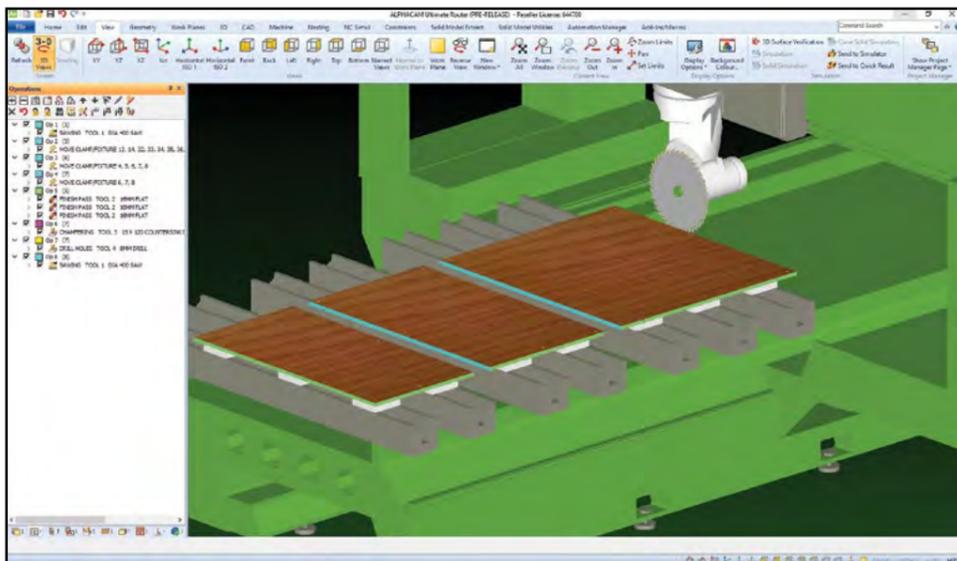
‘With Alphacam, part programming single files on a machine control is a thing of the past. Alphacam’s automation tools allow users to automatically create their CNC programs by integrating with other business systems;

says EMEA sales manager for both products, Mr Pettit.

‘This was our biggest ever stand at kbb and we’re extremely happy with the number of quality inquiries and orders taken over the four days,’ added Mr Pettit.

The stand also featured demonstrations of the software’s link with measuring equipment from Hexagon’s Leica division.

For further information tel Alphacam and Cabinet Vision on 01189 756084. Visit www.alphacam.com or www.cabinetvision.com



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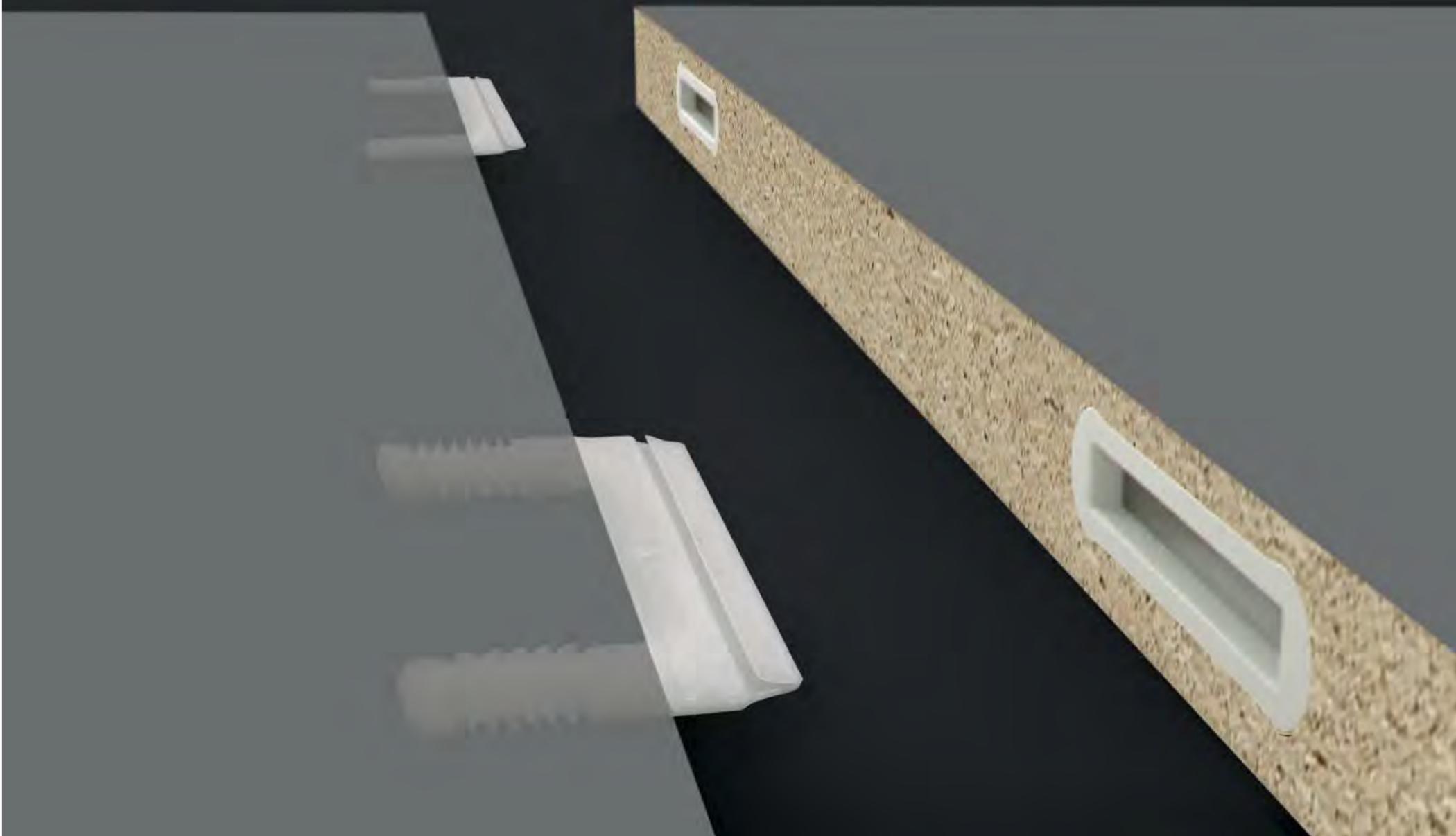
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MARTIN'S MACHINERY PROVIDES FOR KAIZEN'S EXTENSIVE RANGE

KAIZEN furniture specialises in the design and manufacture of the finest luxury interiors for prime London residences with the emphasis on bespoke furniture, cabinetry and joinery solutions.

Kaizen designs, engineers and produces bespoke furniture exclusively made for individual clients. No matter how big or small the project in question, Kaizen can create everything from single pieces of furniture to entire kitchens (as well as

bedrooms, bathrooms and dressing rooms) or furniture for commercial spaces.

Kaizen works in a wide variety of different materials, including timber, acrylic and glass, metal and stone.

The company's well-trained team of experts will take care of the entire process for the client – from developing a design through to production and ultimate installation.

By managing a project from start to finish and down to every final detail, Kaizen can ensure that everything comes together seamlessly on time and on budget.

At Kaizen the aim is to create the highest quality furniture to meet the precise demands of its clients. This is why Kaizen designers and craftsmen work closely with clients from the very beginning of each project.

Kaizen is a Japanese philosophy devoted to continuous improvement and attention to detail in manufacture.

The company was named thus because it is committed to setting and achieving the highest possible standards with a

strong belief in making high quality furniture that is tailored exactly to each individual client's demands.

That is why every piece of Kaizen furniture is hand made in the UK and combines craftsmanship with forward thinking design.

Kaizen is based in London and Essex, where the company's well-managed workshops are located. One feature of the well-equipped workshops is the operation of German woodworking machinery supplied by the well-renowned manufacturer Martin.

Two models from the Martin range which feature in the workshops in Ongar in Essex are the Martin T45 planer/thicknesser and the Martin T54 surface planer.*

The T45 planer/thicknesser which features in Kaizen's workshop helps to ensure that smooth results are achieved every time.

It provides the company with perfect planning results and it is impressively silent in operation.

Ideally suited for modern production methods, 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 workpieces 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 workpiece transportation of problematical materials and short workpieces 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.



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



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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 workpieces perfectly and, secondly, to provide these workpieces with superlative angular edges quickly and safely.

As the production staff at Kaizen know only too well, you only arrive at the prefect end result with perfect preparation

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

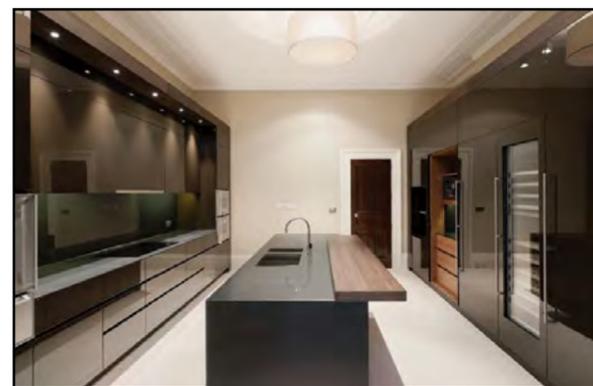
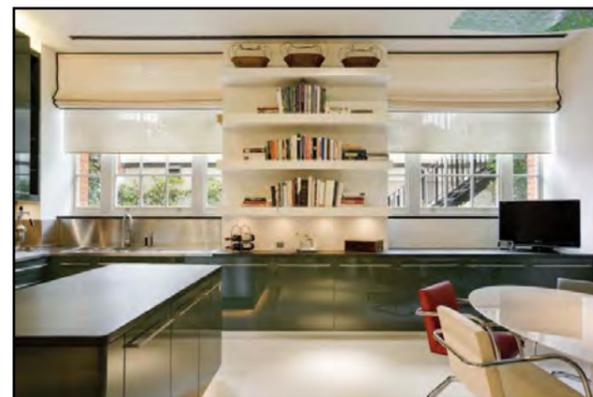
The ball-bearing guided jointing fence runs smoothly and without tilting on tempered raceways. In years to come, it will work as precisely as it does on the very first day following its acquisition.

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 user-friendly single-handed operation.

Kaizen has come to depend on its Martin machinery in much the same way as it depends on the skills of the dedicated team of production staff in its workshop. It's a winning combination.

*Supplied by Martin's UK agent, Scott & Sargeant

For further information tel Martin on 00 49 8332 9110
Visit www.martin.info or www.kaizenfurniture.com



STAY SAFE AND WORK FROM HOME WITH EXPERT SUPPORT

Hexagon supports woodworking professionals working from home with access to Cabinet Vision and Alphacam with free online licensing and remote access options to help woodworkers remain productive while working from home.

Hexagon's Manufacturing Intelligence division is offering a range of free offline licensing and remote access options designed to enable efficient home working for woodworking professionals facing new productivity challenges during the COVID-19 outbreak.

Home working options will be provided for Hexagon's production software and metrology software offerings, as well as the MSC Software range of CAE solutions, at least until 30 June 2020. Users will also have access to additional online learning resources.

This includes licence move, remote access or additional

temporary home office licences for Hexagon's Alphacam and Cabinet Vision.

'The purpose of our smart manufacturing solutions is to improve quality and productivity and this challenge is especially acute during this time of extensive home working' said Paolo Guglielmini, President of Hexagon's Manufacturing Intelligence division.

'So, to support the industries we serve, we're offering special access to our software and learning tools for both current customers and non-customers who can benefit from our technology.'

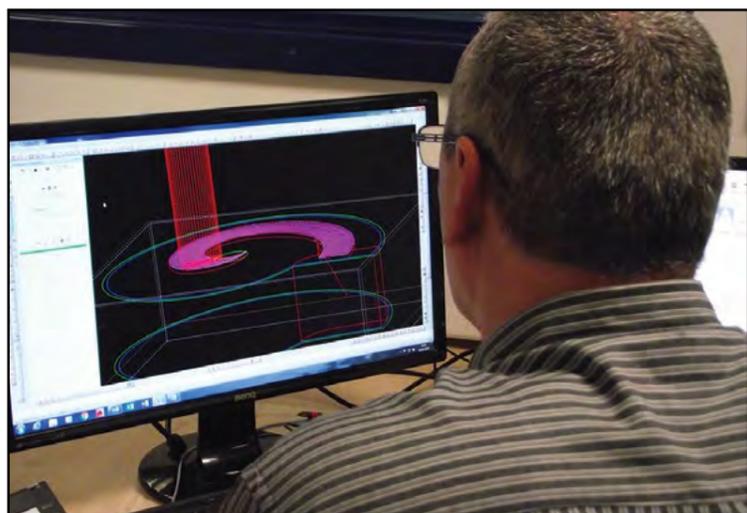
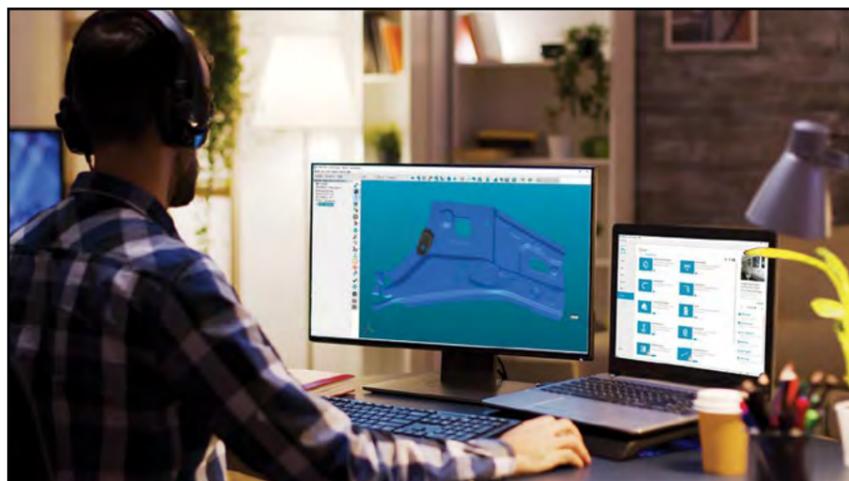
'Like many businesses in the manufacturing sector, we have many employees working from home at the moment and we appreciate that giving them the right tools to work remotely is essential to their wellbeing and success.'

'By offering learning and remote working solutions I hope we can contribute to maintaining productivity and quality while keeping employees in manufacturing safe.'

Details on how to access the home working packages can be found at www.hexagonmi.com/wahs

The offering will include:

- Extension of licences for work-from-home support or alternative access options for MSC Software CAE solutions.



- Licence move, remote access or additional temporary home office licences for Hexagon's CAD CAM software such as Alphacam and Cabinet Vision.
- Free offline licences of the latest versions of PC-DMIS and other leading metrology software.
- Free remote machine monitoring via the HxGN SFx | Asset Management asset performance management solution.
- Free access to online learning for Hexagon's metrology and MSC Software solutions.

Although Hexagon employees are also working remotely, service and support remains in operation. Full details are available from local offices.

For further information
Visit www.alphacam.com or www.cabinetvision.com

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

Email us at: bill.willowe@gmail.com

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.

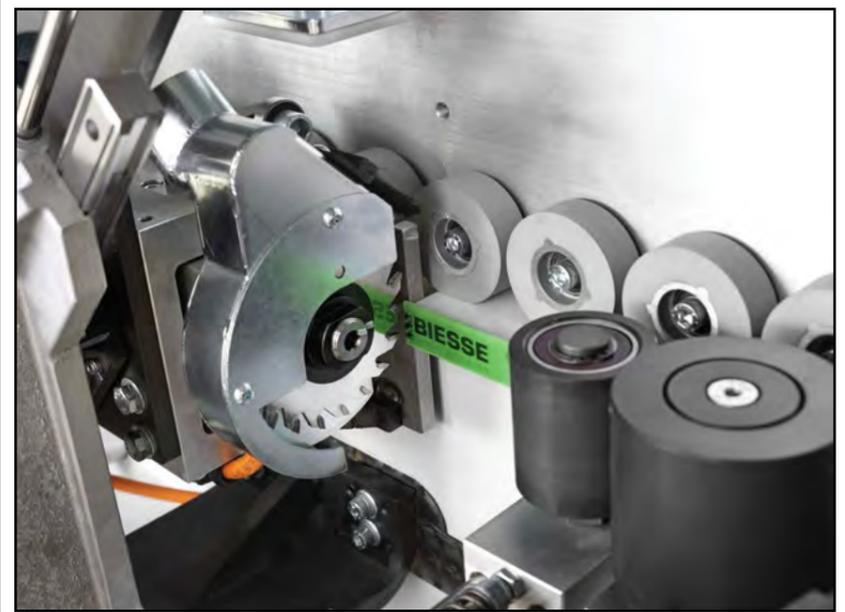
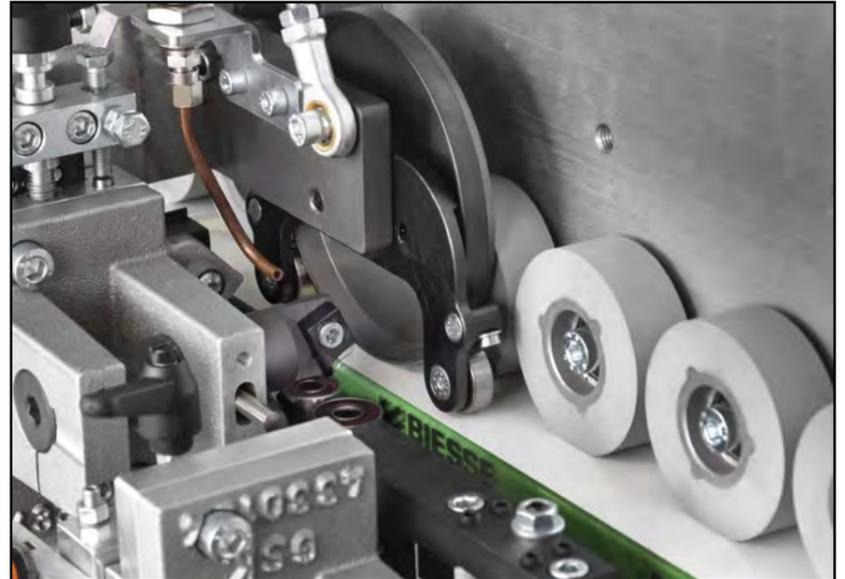
There are three machine configurations offering choices on trimming, corner rounding and pre-milling. Control is via a 7in touchscreen. It is claimed to be the only one on the market at its price point and offers an icon driven, highly intuitive interface. It also provides feed-back in the form of valuable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

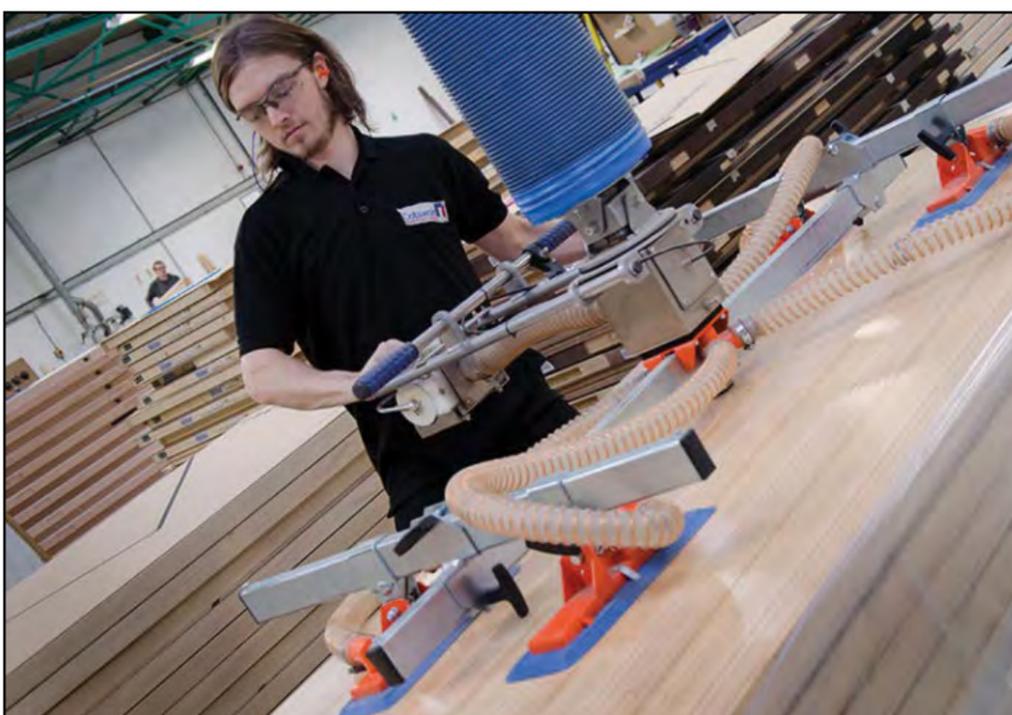
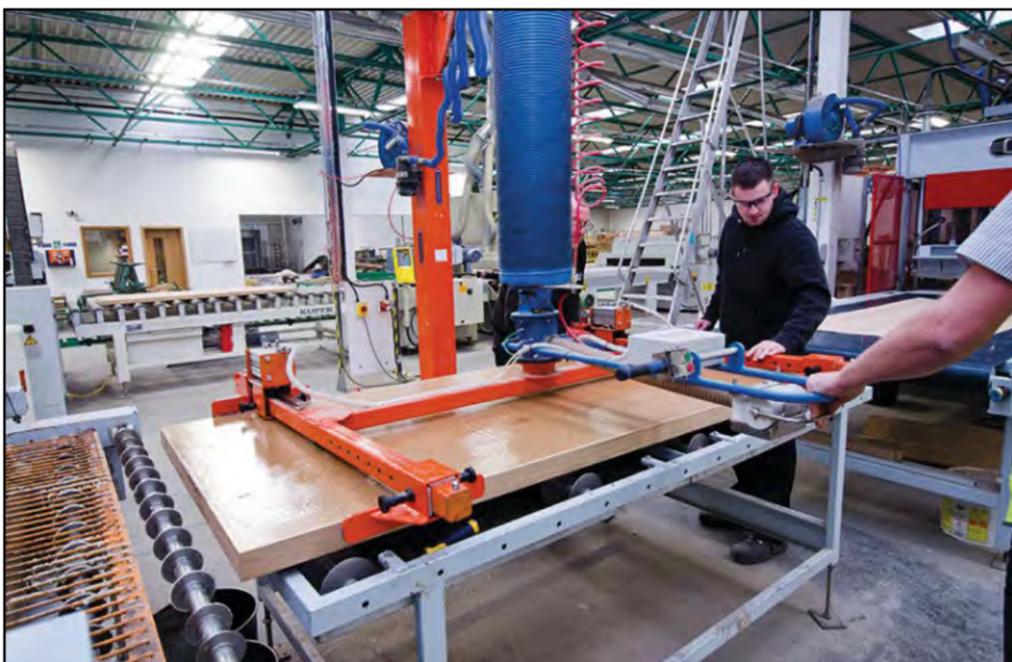
'Our philosophy is to provide equipment for the purpose, so all applications are looked at by our engineers to design the correct solution,' says Palamatic's customer relations and marketing manager, Matt Bennison.

'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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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.

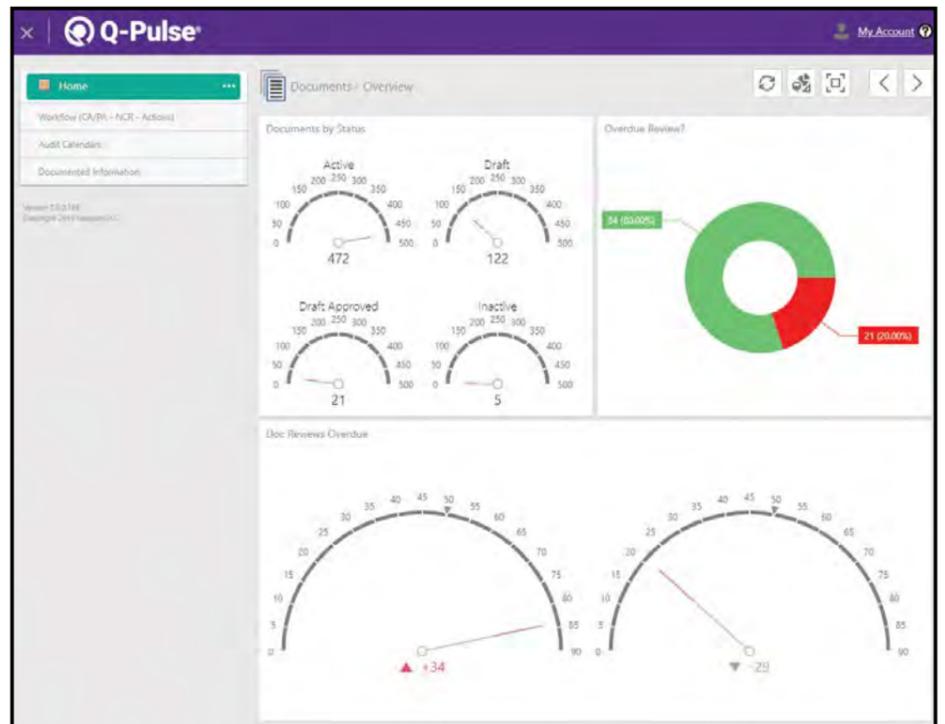
‘Since 1994, Q-Pulse has evolved from an innovative quality management solution to become a leading application within manufacturing for quality, safety, risk and compliance management,’ says Ideagen chief executive officer, Ben Dorks.

‘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.

‘The release of Q-Pulse 7 is a significant one that has been eagerly awaited by our clients across the globe and we are delighted to finally be able to shout about it.

‘We believe that Q-Pulse 7 will play a huge part in cementing our position as the leading provider of quality, safety, risk and compliance software to the manufacturing industry globally,’ concludes Mr Dorks.

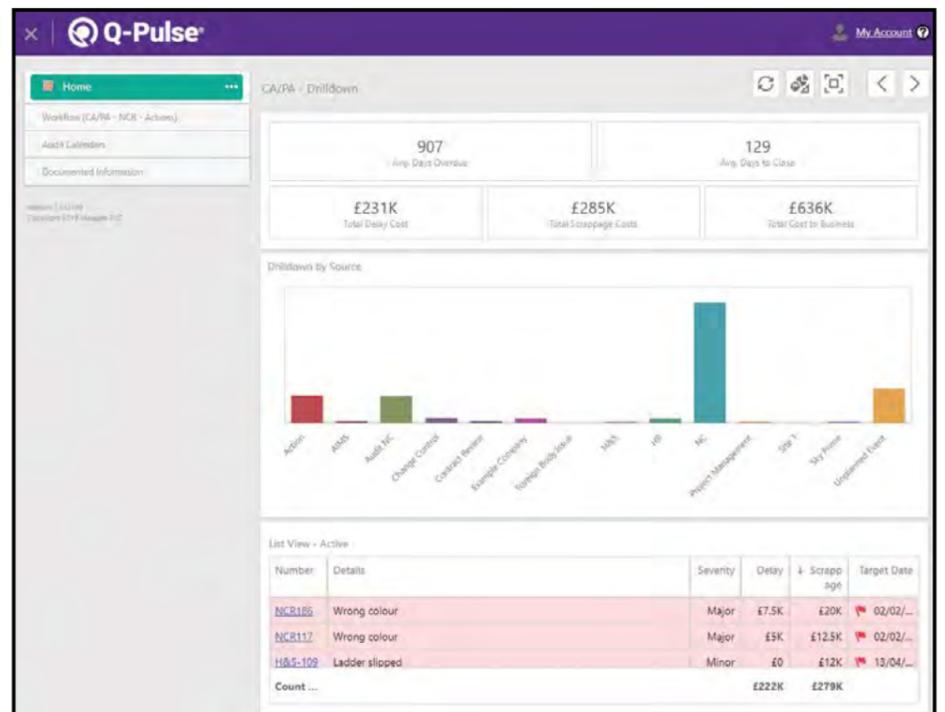
For further information tel Ideagen on 01629 699100
Visit www.ideagen.com/products/q-pulse



Q-Pulse documents dashboard.



Ideagen’s chief technology officer, Ian Hepworth.



Q-Pulse 7 CAPA dashboard.



Ideagen chief executive officer, Ben Dorks.



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

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MARTIN WOODWORKING MACHINERY REPRESENTED IN SCOTLAND BY DERAL

DERAL Ltd, based in Airdrie in Scotland was established in 1984. Whether you are looking for new, or used woodworking machinery, you should look no further than Deral Ltd.

Deral Ltd offers a wide range of new machinery from some of the top manufacturers in the industry.

When you purchase a new machine from Deral Ltd you can be assured that you will be acquiring reliable machinery from a well-known manufacturer in the knowledge that you will be able to benefit from Deral's full after sales support.

Over the years, Deral has steadily built on its reputation for offering high quality support and the fact that the company has consistently increased its engineering workforce over the years to meet customer demands, which enables a quicker response time.

The company's philosophy is to provide the customer with advice as to the correct machine for each and every application and the right specification, combined with comprehensive after sales support. The importance of these factors should never be underestimated.

In order to ensure that the advice given to customers is based on the latest technology, Deral's sales staff regularly attend seminars and manufacturers' product knowledge courses.

In specifying a machine for a customer, in addition to current production needs, it is essential that consideration is also given to future requirements.

Deral employs multi-skilled engineers all of whom are trained in the latest technology. Full advantage is taken of manufacturing courses to maintain a high level of expertise. Deral's company goal is to be recognised as the preferred choice for advice and the supply of quality machinery and services.

In 1989, due to customer demand, the decision was taken to supply both new and used machinery.

Deral has taken great care in selecting the best possible partners, who provide superior technical specification on all their machines, combined with excellent after sales support.

One such manufacturer which Deral was keen to work with was the renowned German woodworking machinery manufacturer, Martin.

Martin produces a wide range of woodworking machinery, including spindle moulders, sliding table saws, planers, shapers and sanding equipment.

One machine from the Martin range that remains ever popular with Deral's mainly Scottish based clientele is the T60C sliding table saw.

This represents an ideal entry into the premium compact class. It strikes a perfect balance between price and performance, because all the key components of the circular saw T60C are designed exactly as you would expect from a Martin machine.

If a higher price does not directly reflect a higher performance, the T60C intentionally makes a "more compact" choice.

Focused engineering combined with an operating technology reduced to the basics make the T60C an excellent partner for anyone who is looking for a reasonably priced introduction to the top division of sawing. Every T60C saw promises a perfect balance between price and performance.

Scoring saw unit

The unit individually sets both the scoring position left and right on the basis of the stored saw blade data fully automatically.

The operator specifies the scoring height electronically and the setting is also provided automatically.

The adjustment ranges of the two axes are clearly displayed and easy to understand. Any requisite fine adjustment is therefore child's play.

It goes without saying that all settings are stored and not lost when switching off the unit.

A special feature of the scorer is the pneumatic lifting/lowering of the scoring saw blades. As a result, the unit is activated in seconds and also quickly taken out of service again. This reduces noise and increases safety.

SafeLight

If the scorer is running, the light integrated in the table insert draws the operator's attention to the operating situation. Martin thereby provides the user with a considerable increase in safety.

ScribeMaster

The "ScribeMaster" scoring saw system allows the scoring width to be set easily on the stationary scoring saw unit. Fiddling around with shims between the scoring saw blades is therefore a thing of the past.

Cross-cut table

The sturdy cross-cut table is part of the basic equipment featured on the T60A saw. The cross-cut fence can be used in either the front, or rear position of the cross-cut table with just a simple movement.

The large angle scale integrated in the table allows precise mitre cuts between 0 deg and 50 deg to be executed by simply turning the cross-cut fence.

The T60C sliding table saw represents excellent value for money and it is therefore no surprise that Deral's customers consider it to be the machine of choice for a wide range of applications in a joinery workshop.

For further information tel Martin on 00 49 8332 9110. For further information on Deral Ltd tel 01236755350. Visit www.martin.info or www.deral.co.uk



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HEXAGON

CABINET VISION

The complete solution for
the casegoods industry

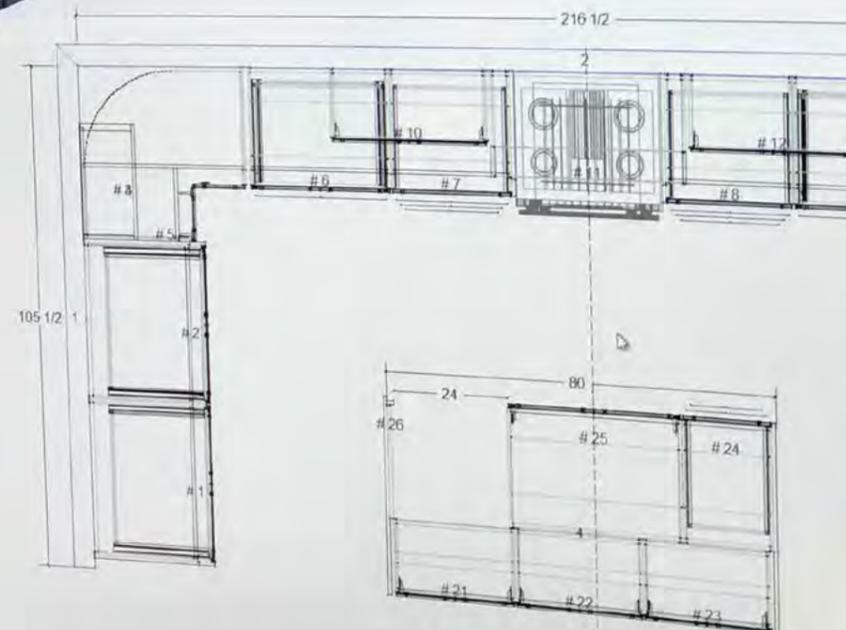
From cutlists, renderings, shop drawings,
bidding and pricing, to CNC output, CABINET
VISION makes the easy jobs simple and
the complex ones possible.

- Custom cabinet & room designs
- Photo realistic renderings
- Material Optimisation
- Full costing direct from design
- Cutlists & bill of materials

“We use CABINET VISION
every day, and we can’t
live without it.”

Terry Moore
Vice President of Design
Sunrise Wood Designs

| cabinetvision.com



JOINERY COMPANY PURCHASES THIRD WOOD WASTE HEATER

A JOINERY company has purchased a third wood waste heater from Wood Waste Technology to help the business save money on heating and waste disposal costs across its large manufacturing site in Leicestershire.

NBJ was established in 1982 and specialises in the manufacture of high quality, specialist bespoke joinery and cabinetry for a wide variety of residential and commercial projects.

The business has made some significant investments over the past few years in order to work more efficiently. The purchase of wood waste heaters is part of this innovative thinking, to better utilise the company's waste wood by converting it into energy to provide free heating for its 48 employees located at its manufacturing base in Husbands Bosworth.

As the company's manufacturing unit is split into a couple of dedicated areas, NBJ has invested in a number of wood waste heaters from Wood Waste Technology, including a WT2 in the machine shop, as well as a WT5 and a WT10 in the other workshop areas.

'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, making good economic and environmental sense,' explains director, Sharon Burke.

'We were so impressed with the first one that we've purchased the other two heaters to allow us to convert more of our waste into energy.'

'The team at Wood Waste Technology has been extremely helpful, always happy to answer any of our questions and, ultimately, providing excellent products with fantastic customer service,' adds Sharon Burke enthusiastically.

'We're really delighted with the wood waste heaters, especially as NBJ is committed to the protection of the Environment and the promotion of sustainable development,' says Sharon.

'We accept our responsibility to minimise the environmental impact of our work and take a pro-active approach to improving our overall performance in order to accomplish this.'

'Our investment in wood waste heaters helps us work a little bit greener, by reducing the amount of fossil fuels we burn. At the same time, we are able to substantially lower the amount of waste products that our company send to landfill,' concludes Sharon.

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

STAY SAFE

AS WE go to press we learn that the premiere Italian woodworking exhibition, Xylexpo (due to take place next month) has been cancelled in the wake of the Coronavirus pandemic.

Let us all hope that the main UK woodworking exhibition, W20 and its sister show, Elements will go ahead as planned later this year.

And for all our readers, we have a simple message in these difficult times... "Stay safe".

Two singles –
a perfect pair.

With the T45 thickness planer and the T54 surface planer you have two specialists who complement each other perfectly. Each of the two machines is designed for uncompromising fulfilment of their roles and ensures optimum working results.

Explore T45 & T54 now.

MARTIN



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www.martin.info



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W20 & ELEMENTS GEARING UP FOR ANOTHER TECHNOLOGY AND INNOVATION PACKED SHOW

THE W Exhibition, the only UK trade show for the joinery and furniture industries and its components-arm, Elements, are on course to deliver a record-breaking showcase when doors open at the NEC in Birmingham next September (27-29).

The organisers have announced that over 80 per cent of space has already been sold for 2020, with a number of exciting updates planned for the biennial exhibition, which brings together some of the world's leading suppliers of woodworking machinery, materials and tooling.

Over 9000 visitors are expected to attend the September 2020 showcase, with Elements once again showcasing the very latest in finishing products for the KBB, furniture production and interior design markets.

Free to attend, The W Exhibition and Elements 2020 is the only place for carpenters, joiners, machinists and much more to see running woodwork machinery, the latest materials, components, software, tools and innovations for the woodworking sector.

Visitors can expect to see industry leading brands, such as Biesse, Felder and many more. The W Exhibition and Elements 2020 will include the launch of a new Tooling Village with the latest hand-held tools on display.

Also new for 2020 is the launch of a dedicated seminar and learning programme designed to deliver best practice tips and tackle the very latest industry themes and trends, all delivered by experts from across the field.

'We've listened to our audience and have developed the show content to meet their evolving needs,' says managing director of Montgomery Design and Build, Nickie West.

'There really isn't any other event in the UK that you can see this much live woodworking machinery up close. Many of our exhibitors do a year's worth of business in just four days.

'We're delighted to announce that the show is already over 80 per cent sold with six months still to go until we open our doors to visitors. Our exhibitors have thrown their weight behind both The W Exhibition and Elements to help us put on a record-

breaking showcase,' adds Nickie West.

Speaking about their decision to exhibit in 2020, Biesse marketing manager, Andrew Baker says:

'It was a simple decision following the success that we had at The W Exhibition 2018, which was our best ever UK show.

'It provides a great platform to meet new customers and also further engage with existing customers to demonstrate how our solutions can help them.'

'Historically this has been an extremely successful show for us, in terms of meeting both small businesses working on bespoke projects and larger companies working on more sizeable contracts,' says marketing executive for Elements exhibitor, Crofts & Assinder, Kathryn Hall.

'It's also great for meeting current clients and reconnecting with historic ones. We have been able to obtain a large amount of new revenue as a result of the Elements exhibition,' adds Kathryn.

The W Exhibition & Elements will continue to support its official charity partner; Help For Heroes with money raised at the event going towards funding workshops and recovery centres across the UK for ex-servicemen and women.

The Exhibitor Innovation Award will also return for 2020 with the aim of highlighting some of the most exciting and innovative products being launched in the market in 2020/2021.

For further information visit www.wexhibition.co.uk



At W18 MAKA launched new flagship models in the PM170 and PM 270 offering added value coupled with advanced performance. What will MAKA Machinery's Iain Young have "up his sleeve" to introduce at this year's show?



Tigerstop is a global leader in the production of stop gauge and material positioning systems. The Dutch company will use W20 to promote its wide range of equipment for the specialist woodworking industry, including the Tigerstop automatic programmable pusher and stop.

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

Email us at: bill.willowe@gmail.com

EXHIBITORS BOOKED TO APPEAR AT W20 AND ELEMENTS AT THE NEC IN BIRMINGHAM FROM SEPTEMBER 27-30

ALL 133 OF THESE WOODWORKING SPECIALISTS ARE BOOKED TO APPEAR
AT W20 & ELEMENTS (LIST CORRECT AS AS FEBRUARY 28TH 2020)

ADPAK
AFS BIOMASS
AIR PLANTS
AIRPRESS DEVELOPMENTS
ALPI
ALTENDORF GmbH
AMICUS
AMS
ANEST IWATA (UK)
ANKERSTUY
AUTOOL
AXMINSTER TOOLS & MACHINERY
BAGPRESS
BECKER UK
BIESSE GROUP
BS & B SAFETY SYSTEMS
C L LOCK
CAD+T
CEFLA - WANDRES - MPS MACHINES LTD
CEHISA
CHARVO
CinCh SOFTWARE
CLOSE BROTHERS ASSET FINANCE
CNC SOFTWARE SOLUTIONS
COLTON TOOLING
COMBILIFT
COMPACTO
COMPASS SOFTWARE
CP TOOLING AND MACHINERY LTD
CROFTS & ASSINDER
CUTTER PROFILERS UK LTD
D & D INK SARL
DALTONS WADKIN
DF RICHARDS
DIDAC LIMITED
DOORWAY TECHNICAL CENTRE
ERA ARCHITECTURAL HARDWARE CO LTD
EUROFIT SYSTEMS LTD
FELDER GROUP UK
FEN UK
FERWOOD UNITED KINGDOM
FESTOOL
FILTERMIST SYSTEMS LTD
FILTREX, HOCKER, POLYTECHNIK, VENJAKOB
FORMED
FOSHAN AODELI (E-SHINING) METAL PRODUCTS CO LTD
FREUD S.P.A.
GIBBS SANDTECH
GIPLAST S.P.A.
GreCon
GUY-RAYMOND ENGINEERING COMPANY
HANS HUNDEGGER AG
HAPFO GH-TEC MASCHINENBAU
HEXAGON
HOFFMANN MACHINE COMPANY LTD
HOMAG UK LTD
HPC LASER
HRANIPEX
IMOS AG
INDUSTVENT
INTELLIGENT FIXINGS
INVENTAIR
ISAAC LORD LTD
J & C O'MEARA
J WAGNER GmbH
J.J. SMITH & CO
JET PRESS
JMJ
JOINERYSOFT LTD
KENYON GROUP LTD
KOCH TECHNOLOGY

KONIG
KUNDIG
LAMELLO
LEADERMAC
LEICA GEOSYSTEMS
LEITZ TOOLING UK LTD
LIGNADECOR
MACHINERY SERVICES
MAKA MACHINERY UK LTD
MASTERWOOD
MAWERA UK LTD
MERENDA
MICHAEL WEINIG UK
MIRKA
MUNDY VENEER
NEDERMAN
NORDFAB
NORDUCT
OERLIKON BALZERS COATING UK LTD
OERTLI TOOLING UK LTD
OHRA RACKING SYSTEMS
OSTERMANN UK
OTTO MARTIN MASCHINENBAU
OVVO
P&J DUST EXTRACTION LTD
PALAMATIC
PAWPRINT PUBLISHING
PIHER INDUSTRIAS PIQUERAS S.A.
POR BRIQUETTING
PORTAKAL PLASTIK
QUIN GLOBAL
R & J WOODWORKING MACHINERY
RANHEAT ENGINEERING LTD
REMMER UK LTD
RIEPE GmbH
ROBLAND NV
RUBIO MONOCOAT
RW GROUP
SAIT ABRASIVES (UK) LTD
SAMES KREMLIN
SCHELLING
SCM
SCOTT & SARGEANT WOODWORKING MACHINERY
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W20 & ELEMENTS – A “MUST-SEE” EXHIBITION FOR ALL THOSE WHO ARE PROFESSIONALLY INVOLVED IN THE UK WOODWORKING INDUSTRY

Industrial Woodworking & Panel Processing takes a step back in time for a retrospective look to two years ago when, once again, the previous event was held at Birmingham NEC



In 2018 Ovvo – the multi-award winning, innovative tool-free assembly solutions company was one of the finalists in the Elements of Innovation Awards with its V-0930 system, which is ideally suited to high grade particle board. Will Ovvo score again at W20?

W20 and its sister show, Elements are less than six months away and yet it seems like only yesterday that we were being enthralled by everything that was on show at W18. That event is now truly over and done with having taken place just over 18 months ago, but it does not mean that woodworkers don't still have something to look forward to.

Many of those exhibitors who were in attendance at the NEC, Birmingham in 2018 will be out in force once again to showcase all the very latest in technological innovation from most of the country's leading suppliers of woodworking machinery and equipment.

W20 and Elements together comprise the only UK trade show for the joinery and furniture industries and these shows are once more are on course to deliver a record-breaking

showcase when the doors open at the NEC in Birmingham next September (27-29).

On this page we take a photographic peep back to 2018 in order to provide our readers with a foretaste of what is in store for them at this year's show.

Over 9000 visitors are expected to appear at the 2020 showcase, which is free to attend.

Make a date and be sure to be amongst those 9000 or more dedicated woodworking professionals. Quite simply there is no more important date on the UK woodworking calendar. It really is an event that anyone involved in the woodworking trade sector cannot afford to miss.

For further information visit www.wexhibition.co.uk



Reconditioned machinery specialist, Ferwood, will be returning to W20 following an extremely successful show in 2018. Featuring over 400 reconditioned machines from leading woodworking machinery manufacturers, visitors will be able to talk to Ferwood's representatives to discuss the benefits of using Ferwood's reconditioned woodworking machinery for themselves.



Visitors to the Titmanz stand at W20 will have the chance to view the British company's complete range of specialist tooling.



Joinerysoft's managing director, Alan Turner will once again be on hand at W20 to discuss all the latest software designs for bespoke joinery.



With every W Exhibition the Felder presence at the show goes from strength to strength.



Palamatic lifting systems are designed to assist with the loading and unloading of wooden products and the company's latest offering will be on show in Birmingham at W20.

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Biesse is a "giant" in the field of automation and the Italian manufacturing company will no doubt have plenty to surprise visitors attending W20 later this year.



As a tooling supply company, Tooltec needs no introduction to readers of Industrial Woodworking & Panel Processing and the company's range of specialist tooling is bound to attract the visitors to the show in September.



German woodworking machinery manufacturer, Martin's stand will once again have Michael Muhldorfer at the helm to demonstrate the superb capabilities of this renowned specialist's range of machinery and equipment aimed at customers who appreciate build quality.



Hoffmann Machine Co Ltd's John Galvin will once again be on hand to demonstrate the many advantages of using his company's highly versatile double dovetail jointing system.

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LAMONT HELPING TO SOLVE A GREAT MANY PROBLEMS

GIBSON'S Cabinet Makers offers quality hand-made kitchens, bathrooms, dining rooms, bedrooms and free-standing furniture.

Based on the southern fringe of Whitby, the company serves a wide area, including Durham, Cheshire and Lincolnshire, as well as Teesside and the whole of Yorkshire.

With four or more major commissions on the go at any one time, Gibson's Cabinet Makers has seen its workforce double in recent years.

Part of this success is due to the Woodwelder and clamp system purchased from Lamont.

'We were becoming busier and busier, as the popularity of our furniture increased,' says partner, Roy Gibson.

'In order to cope with the demand, we were having to look at alternative ways of gluing up doors and drawers.

'Traditionally we were doing it with sash clamps, which is quite time consuming and you also have to always be checking that the work piece is square. Then there is the gluing up process, which could take several hours.

'Once you had used all your clamps, you would have to wait for one batch to dry before going on to the next. So we could only do 20 drawers, or doors in one batch.

'With the Lamont system, it has a square corner and glue resistant plastic sheath to it, so glue does not stick to it.

'You put your drawer, or door in and clamp it down: it pushes it into the square corner - so everything is absolutely square.

'You also get the (Woodwelder) glue gun, which heats up the RF glue in about 15 seconds, so you can do a corner with one zap, which speeds things up tremendously. Indeed, with the glue and the gun working together, you can finish a door in a minute.

'The Lamont system has become part of a production line, which allows us to have door components coming out of the machines, go straight to the Lamont system, after which the doors are sanded, before going on to be hinged and fitted.

'It is incredible to think back how we were working with sash clamps before we acquired the Lamont system. It is massively

beneficial to us. We had seen one of Alan Lamont's displays at a JMJ woodworking exhibition, which we visited when we were looking into ways of increasing production. He was on the stand.

'We spoke with him and saw demonstrations and said we were very interested, went away to think about it, decided the amount of time it was going to save us would be very cost effective and purchased one.

'Before the show we were aware there were things of this nature, but really needed to see one and have it explained to us to understand the benefits, so the exhibition helped us in this respect.

'We primarily use the Lamont system for doors and drawers. It can also be used for frames. These are all our main components that we use to manufacture hand-made kitchens and made-to-order furniture.

'As well as savings in time and in ensuring that the work is square, it allows us to use staff effectively. Instead of having two people using the sash clamps, we now can have one guy putting units together, while his colleague is gluing up. This means that we can meet deadlines more quickly and increase turnover.

'It also saves space. With sash clamps, you end up with a great area of your floor covered in clamps and doors, all piled up on top of one another.

'The Lamont system is vertical, so it does not take up a great deal of space and, as the doors come off dry, they can be stacked vertically.

'One of the other nice bits about it is that you get different shapes and different sized face plates for the gun, which allows you to zap a drawer from inside, for example a 45 deg corner, as well as flat plates for a flat surface. You can utilise the machine in all sorts of gluing up procedures to solve a great many problems.

'I would absolutely recommend it to other people. I can't believe we coped so long without one, concludes Roy, adding that he would recommend the system to anyone.



For further information tel Alan Lamont on 07785 268 992. Visit www.clampingmachines.co.uk

Whatever your Wood Welder or clamping requirements, we can help!

Lamont



Tel 07785 268 992

Email alanlamont2@gmail.com

www.clampingmachines.co.uk

INVESTING IN A FULLY REFURBISHED WOODWELDER FROM LAMONT

PETER Cochrane, of Peter Alexander Cabinets, began work as a carpenter nearly 13 years ago.

'I had always wanted to specialise in fitted carpentry and today I supply kitchens, wardrobes, studies and other fitted furniture items to high-end homes in the South East,' says Peter.

'I have always been a sole trader, but having shared my workshop with a chap in a similar position, we are currently in the stages of becoming a limited company as joint directors,' he adds.

Peter has recently invested in a refurbished Woodwelder from Lamont.

'The need to turn jobs around ever more quickly without compromising on quality forced us to break down the processes currently involved in cabinet production, trying to isolate where time savings could be made.

'Whilst quick-drying glues, such as PUs are available, the mess involved is a massive problem, so we were keen to stick with traditional PVA glues.

'The process of assembling/clamping and storing the items in clamps was also proving to be problematic, so the purchase of a Woodwelder seemed like a no-brainer. At first it sounded too good to be true!' says Peter.

'Chatting with fellow cabinet makers and the use of on-line forums, only a few names crop up when discussing such things and Lamont was the most current and frequently occurring name in discussion,' he adds.

'A quick chat with Alan [Lamont] during my initial enquiry prevented me from looking any further, as his informative and zero-pressure attitude towards selling his products was so encouraging and filled me with confidence,' says Peter.

'We mainly use the Woodwelder for gluing face-frames, cabinet doors and drawer fascias, as well as small worktops, enabling us to move straight from assembly to the wide-belt sander,' he adds.

When asked to describe the advantages the Woodwelder had brought, Peter replied:

'The ability to have a single pair of clamps on the bench, assemble a door, "zap" it and then stack it up with other doors until assembly is complete is great. Then, moving straight to the sander to flatten everything within minutes just makes the process so slick!' says Peter enthusiastically.

Asked if he would recommend the Woodwelder and Lamont, Peter said:

'I would wholeheartedly recommend the Woodwelder to anyone trying to up production times. I would also definitely recommend Lamont: it was genuinely a pleasure doing business with Alan!' concludes Peter.

For further information tel Alan Lamont on 07785 268 992. Visit www.clampingmachines.co.uk

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ALTENDORF RECEIVES OWL AWARD FOR HAND GUARD

THE new Altendorf development "Hand Guard" has been recognised as a pioneering worker-safety solution for sliding table saws.

Minden-based Altendorf GmbH won over a 12-member jury with its novel safety system for sliding table saws in the category "Industry and Crafts". This is an important area of development, as a workers' hands are only a few centimetres away from the high-speed rotating saw blade when they guide workpieces during sawing operations.

Every day around the world, work-related accidents occur when various materials are cut using sliding table saws. For the most part, commonly known protection systems use technology that relies on the conductivity of skin to detect a hazardous situation and to then pulsate the saw blade to a stop.

The problem with this approach is that all existing solutions require that contact between the saw blade and hand takes place for the safety system to kick in. In some systems, the machine's internal components are damaged to prevent the continuation of work after the incident.

Early hazard detection is critical

Altendorf's system relies on the ability to detect the hazard at a very early stage. Various defined situations are optically detected and classified. For this, two cameras collect data, which is then processed by a powerful hand-detection programme.

When the system identifies a dangerous situation, the hazard is eliminated. Within a quarter of a second the whole saw unit quickly slows down and the saw blade abruptly stops.

After the safety assistant has been activated, the machine can immediately go back to work.

No damage to the machine, or saw blade occurs and the productivity of operations remains intact.

'We've always been uneasy about the fact that existing systems only ever kick in after the accident has happened,' says head of development at the Altendorf Group, Karl-Friedrich Schröder, explaining the motivation for the ground-breaking development.

'In addition, they cause damage to parts of the machine as well. We wanted the machine to act sooner, first and foremost to prevent accidents – that is, to protect the operator.

'So we developed a system that gains us valuable time, as well as one that enables us to disable the danger before contact even happens,' adds Friedrich Schröder.

Honoured for innovation power

As jury spokesperson, general manager of the Chamber of Commerce of East Westphalia, Bielefeld, Thomas Niehoff outlined the jury's reasons for their award decision during a ceremony held in January.

In his remarks, Thomas Niehoff highlighted the innovation



power of the machine manufacturer's long-term development work:

'In the view of the jury, Altendorf's many years of development work has successfully produced the next level of innovation in table saw safety,' said Thomas Niehoff.

'This will lead to setting new standards that will improve requirements for worker safety in the woodworking industry and the trades worldwide.

'At the same time, the company is effectively positioning itself in global competition. With its safety system, Altendorf will significantly boost sales and safeguard jobs,' he concluded

Stiff competition for the 13th OWL innovation award

The OWL innovation award recognises companies for their innovative products, services and processes and is an important business award with strong participation.

A total of 85 companies with 91 innovations submitted applications to the 13th award competition.

Following an intensive evaluation process, the jury selected five award recipients from the outstanding field of participants.

In their selection, the jury primarily focused on the criteria novelty and uniqueness, customer benefit and added value in comparison with similar solutions, market success, or market potential and the innovation's impact on the company's future viability.

Altendorf is a renowned German manufacturer of sliding table saws and more and is widely recognised for its quality products throughout Europe.

For further information tel Altendorf on 00 49 571 955 00. Visit www.altendorf.com

MIRKA UK GAINS INVESTORS IN PEOPLE SILVER AWARD AT THE FIRST ATTEMPT

MIRKA UK Ltd has been awarded the Investors in People Silver Award (IPP) for its first assessment.

The IIP practitioner praised the company's proactive, people-focused organisation resulting in a very efficient and effective delivery, underpinned by a clear vision and business objectives.

The assessment found that Mirka has an engaging relationship with its customers and other stakeholders.

Continuous professional development and training, spearheaded by the Mirka UK Training Centre, helps to ensure that a collaborative approach and best practice is implemented across the business.

'We're absolutely delighted to have achieved the IIP Silver Award at our first attempt,' says managing director of Mirka UK, Craig Daycock.

This accreditation recognises the commitment of our staff to engage in continuous improvement to ensure that our customers and business partners receive the best service and high levels of support possible.

The "Mirka Way" is to empower our people, creating a culture of trust and a "can do" attitude, which means that decisions can be made and acted upon quickly to the benefit of all our stakeholders,' concludes Mr Daycock.



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

HOFFMANN INSTALLS MU-3 MACHINE AT DIDAC

DIDAC Ltd has operated as a specialist training provider to the furniture and woodworking industry for 21 years, providing bespoke training programmes which meet business needs.

Whilst delivering national programmes, the specialist

Woodwise Academy in Bristol provides industrial standard training on equipment to school pupils. Pupils of 16-19 years who choose not to stay at school, follow a 12-month programme to enable them to become skilled and work ready for the wood sector and furniture and wood machining apprentices.

In order to ensure that pupils are taught on equipment found in industry, the Didac team spoke to John Galvin of Hoffmann at the W Exhibition in October with the view of understanding the use of the Hoffmann MU3 dovetail key machine.

After a thorough demonstration by John, it was decided to obtain the Hoffmann MU3.

The installation and training was carried out in the academy by John to three members of staff. They included Bristol Woodwise Academy workshop manager, Shane Stenning.

'It is important that, as a specialist Sprovidor, we keep up to date with all the latest developments and that we teach trainees and apprentices on equipment that is being used in industry. This will allow us to bring new concepts and ideas into the

apprentice projects,' says Mr Stenning.

'The machine is simple to use and results in great, alternative forms of joints. The training provided by John was excellent, going through all the key points and giving us an insight to the potential of this great piece of machinery,' adds Shane Stenning.

For further information on Hoffmann tel the company on 01524 841500. Visit www.hoffmann-uk.com or www.hoffmann-schwalbe.de
For further information on Didac tel 0800 773 4230. Visit www.didac.co.uk



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DECIDING ON WHICH ADHESIVE IS THE RIGHT ONE FOR YOUR BUSINESS

THE Kenyon Group has specialised in edge-banding adhesives based on EVA, PO and PUR technologies for the past 40 years.

Over this time, the company has witnessed many changes – not only with adhesive technologies, but also with materials and application methods. So how can a business decide which adhesive is right for them?

Hot-melt adhesives are used for bonding solid wood, aluminium, veneer, melamine, polyester, HPL, PVC, ABS and PP edgings of various thickness to core boards.

EVA hot-melt adhesives are based on Ethyl-Vinyl Acetate (EVA), whereas PO hot-melt adhesives are based on Polyolefin and PUR hot-melt adhesives are based on polyurethane reactive technology.

Edge-banding using EVA hot-melt is commonly used, due to its ease of use, but PUR is gaining ground rapidly, thanks to its exceptional benefits.

If joints need to be water, or heat resistant (for fire doors or kitchen cabinets for instance) then PUR adhesive is recommended, as it has a significantly higher water and heat resistance than an EVA adhesive.

Polyolefin-based adhesives for edge-banding applications have better hydrolysis and heat resistance than EVA-based adhesives.

They are easier to apply than PUR adhesives and also lower the risk of strings forming at the application unit, whilst providing better stability in the melting equipment compared with standard EVA-based adhesives.

According to Kenyon Group, PUR-based adhesives will always outperform EVA, or PO adhesives.

EVA hot-melt adhesives are classed as filled and unfilled adhesives. Filled glues are generally lower cost and, in addition to the adhesive resins, contain fillers, such as chalk which, at low speeds can help prevent stringing.

Unfilled hot-melt adhesives can be applied thinner to give a tighter joint, offer high glue mileage and high final bond strength.

When using PUR-based adhesives, chemical cross-linking is achieved within a few days. However, it is important that the bonded materials are stored above 15 deg C for full cure to take place – under 15 deg C and the curing process is stalled.

Are PUR adhesive easy to use? In a nutshell, yes – with care.

With PUR hot-melt adhesives, the user can achieve a thinner glue line, high final bond strength and produce tight joints, at the same time as having excellent heat and water resistance and all while running clean.

Not all edge-banders are equipped to run PUR adhesives (always check with the machine supplier for suitability).

What is very important when using PUR adhesives is to purge the adhesive melt tank and applicator (nozzle/roller) after use with a suitable cleaning agent – unlike EVA adhesives, PUR adhesives, once cured, will not re-melt.

2019 witnessed a major push toward PUR MicroEmissions, which offer the proven bonding performance of traditional PUR adhesives with reduced Health and Safety concerns.

PUR MicroE-missions (ME) contain less than 0.1 per cent isocyanate monomer and reduce isocyanate vapours by up to -90 per cent.

For further information tel Kenyon on 0161 627 1001. Visit www.kenyon-group.co.uk



BELOTTI SIGNS DISTRIBUTION AGREEMENT WITH LIGNIA

LIGNIA Wood Company, the award-winning modified timber specialists, has signed a distribution agreement with Italian timber experts, Bellotti Spa, who will be distributing Lignia and Lignia Yacht products to the Italian and Swiss markets.

Bellotti was established in 1927 and is a leading manufacturer of specialist timber with strong connections to the Italian superyacht industry.

The agreement signed is a non-exclusive distribution agreement to market and sell Lignia Wood into the construction sector along with Lignia Yacht into the marine world.

Lignia Wood Company produces modified timber at its base in Barry, Wales. It uses real softwood from responsibly sourced FSC® certified plantations, which is then modified through a unique process. This gives Lignia the beauty, performance and appearance of popular hardwoods.

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



TURBOQWIK PRECISION MULTI-PURPOSE WOODSCREWS

TURBOQWIK is a high-performance screw designed to be used in hardwood, MDF decks, wood to plastic and wood to sheet metal.

With six reaming nibs under its head, it is suitable for countersinking with no burrs. Its high-performing yellow coating (CR3 ROHS compliant) has been salt spray-tested up to 200 hours and each box comes with a PZ2 driver bit.

The precision multi-purpose woodscrew has an extra-sharp drilling point, so there is no need for any pre-drilling.

With a coarse serrated thread, its unique sawfix design

enables extra-quick drilling into a wide variety of different materials commonly in use within the woodworking sector as a whole.

Another advantage is its re-inforced head, which increases torque and reduces breakages. Sizes for the Turboqwik high performance screws range from from 3mm x 16mm to 6mm x 150mm.

For further information tel Screwshop on 0121 559 8866. Visit www.screwshop.co.uk



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THE IMPORTANCE OF DUST MANAGEMENT

DUST management is vital and should be carefully factored into every task undertaken by woodworking professionals to ensure that those on-site remain as safe as possible. Here, technical manager at Makita, Tony Coleman explains more about the dangers of wood dust and how to protect workers.

According to statistics from the Health and Safety Executive, each year around 12,000 people die as a result of exposure to harmful dust at work. For trades such as woodworking, where dust exposure can be particularly high, it is vital that precautions are taken to reduce the risk to workers.

An introduction to wood dust

Wood dust - which can be produced from a number of tasks, including sanding, sawing and routing - is a substance that requires employers to put controls in place in the work place. This is because the inhalation of wood dust can result in non-reversible health issues, such as skin disorders, asthma and even some types of cancer.

Construction workers need to be particularly careful when it comes to fine dust, which can be breathed further into the lungs and therefore cause a significant risk to health. Professionals should also watch out for wood containing bacteria, fungal and moss spores which, again, are a major risk.

Due to the associated dangers, wood dust is listed under the Control of Substances Hazardous to Health Regulations (COSHH), which outline the legal requirements for protecting workers against substances, such as wood dust. These include carrying out sufficient risk assessments and taking the necessary steps to prevent and control employee exposure to wood dust.

Removing harmful dust at the source

The HSE suggests that, for the best results, wood dust should be removed at the source - for power tools, this is incredibly easy. For example, Makita manufactures dust extractors that can be integrated with Makita tools, to ensure that dust is removed before it can circulate, preventing operators from breathing it in.

When using a dust extractor, it is important to make sure that it is suitable for the type of dust being collected. For wood dust, an M-Class extractor should be used to meet the minimum legal requirement. M-Class extractors are designed to remove 99.9 per cent of dust with limit value for occupational exposure > 0.1 mg/m³.

Dust extractors and what to look for

With so many M-Class dust extractors available on the market, it can be difficult to decide which model to go for. Firstly, it is important to think about the dust extractor's capacity. For use in joinery shops



and workshops, dust extractors, such as the VC3211M 32-litre extractor and VC4210MX/1 42-litre extractor are ideal. Larger capacity extractors will enable operators to continue working for longer, without having to stop to empty the dust collected.

However, for those working across numerous sites a 22-litre extractor, such as the VC2201MX1 and VC2211MX1 might be more practical. The more compact design of these extractors will make it far easier to carry and transport the extractor - and smaller machines can be more easily manoeuvred around site (especially when working in tight spaces).

Makita's M-Class machines also include an audible warning system, to inform operators of any blockages in the filter, or when the tank is full. This makes sure that the extractor continues to perform at its optimum and operators can continue to use the extractor safely, both for themselves and for other workers within the site.

For even better performance, Makita's VC4210MX/1 includes an automatic on/off function, which ensures that the extractor

automatically turns on when the power tool is in use (and subsequently turns off when the tool is no longer on). A number of Makita dust extractors also include an automatic filter cleaning system, ensuring that the extractor continues to work at its optimum.

Makita's range of M-Class dust extractors can be used across a range of Makita tools to ensure that dust is collected quickly and at the source.

It is vital that employers and employees alike take action when it comes to dust production and work to incorporate dust management solutions into every task undertaken to improve the health and well-being of those on site. Work smart - use a dust extractor to collect hazardous dust, not your lungs!

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

SHREDDER AND BRIQUETTE PRESS RANGES PROVING POPULAR

WOOD Waste Control is one of Europe's leading dust extraction systems specialists. The company's recently-launched range of shredders and briquetters is proving popular with a wide range of customers.

'The ranges are proving very popular with customers. The shredders are designed to shred all kinds of waste material, including hard and softwoods, chipboard, OSB and plywood panels, as well as construction timbers,' says managing director, Reg Gareppo.

The shredder can also be configured to deal with other materials such as papers, cardboards, metals and rubber.

As standard the WWC shredders include fast hydraulics, profile rotor, a second row of knives, control cabinet with Siemens plc, automatic star/Delta switch, automatic stop when the hopper is empty, removable exhausting channel and performance-enhancing pacing of hydraulic sliders.

A wide range of models is available, ranging from 0.4m³ hopper capacity with 15kW motor, through to a model with 2.5m³ hopper capacity and 30-75kW motor.

The sturdy steel construction of the WWC grinders guarantees constant quality in continuous operation.

WWC shredders are fitted with a slowly rotating profile solid steel rotor (260mm or 360mm diameter), which is mounted on the sturdy machine base.

'The shredder knives are available in various designs for all kinds of material.

They feature low wear and can be rotated several times

before they have to be replaced,' adds Reg.

The company's new range of briquetting presses offers a choice of throughput from 30 to 350kg/h. All models feature energy-efficient operation, a coolable sleeve, low wear and tear costs and an endless briquette line.

Wood Waste Control is one of the UK's leading dust extraction and heating equipment specialists for the woodworking industry. Its modular silo and chain filters meet a wide range of extraction requirements and from simple stand-alone bagging units through to complex integrated systems, the company provides a comprehensive service. The products include the Whisper range of silenced fans and fine dust filter units.

Wood Waste Control's manual and automatic warm air models are capable of burning a wide range of wood fuels automatically, as well as accepting hand-loaded offcuts.

The company is based in Bourne End near High Wycombe and has hundreds of successful installations across the UK, in Europe, Russia and Africa.

As one of the country's leading dust extraction specialists all Wood Waste Control equipment is built to meet COSHH legislation requirements and can stand alone or be used in conjunction with total-extraction return air heating systems.

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



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A FUTURE-PROOF DUST EXTRACTION SOLUTION

IRISH KBB MANUFACTURER CALLS ON MODESTA TO HELP OUT WITH A "PROPER" DUST EXTRACTION SYSTEM AND DULY SORTED THEM OUT WITHIN A MATTER OF WEEKS

SEEING Cherrymore's state-of-the art premises at the headquarters in Donegal Town in Eire it's hard to imagine how Martin and Harry McLaughlin started out 23 years ago, from the garage at their home.

'We were both young and enthusiastic and saw a niche in the market,' says Martin.

The brothers had to borrow money to be able to buy their first machines, but soon their business started to grow steadily. After less than two years, they hired their first employee, who still works for Cherrymore today.

Cherrymore is a big player in the Irish kitchen and bedroom market, both for consumers and wholesale companies.

Production manager, Martin McLaughlin was looking for a proper dust extraction solution for the company's recently expanded warehouse in Donegal Town.

After meeting Modesta at the end of 2018, the new filter system was up and running by March 2019.

The company now operates from two warehouses, in Donegal Town and Ballybofey, alongside five different consumer showrooms in the area.

Thanks to Cherrymore's focus on both the trade and retail machine, the company can cater for any kind of customer – from a family wishing to purchase a new kitchen to a residential development project of 500 kitchens.

The brothers still lead the company together, Martin as its production manager and Harry as its commercial manager.

The bigger the factory, the more dust and waste is released on a daily basis and the more important it is to have a great dust extraction solution in place.

'A big part of my job is monitoring extraction, taking care of our company's waste,' says Martin.

'We have a lot of saw dust. That wasn't much of a problem when we were still operating from our garage, but when you get to a certain level and size, waste becomes a real problem if it's not managed properly,' says Martin.

Before coming into contact with Modesta, Cherrymore was using a filter system that included many add-ons that were put in place over time.

'The biggest problems were the unreliable motors, which had to be changed quite frequently,' explains Martin.

He was ready for something new that solved his waste problem in a more efficient way.



That's when he heard about Modesta. The first time representatives of the two companies had a chat was during the W18.

'I saw many different dust extraction solutions at the fair, but none of them really appealed to me,' says Martin.

However, his first impression of Modesta was positive.

'The various solutions were explained to us in depth and it seemed like the right fit for our factory,' says Martin.

He also received a recommendation from Trade Mouldings.

'In our industry, word of mouth is very important,' explains Martin.

Although a personal recommendation can be very convincing, this was not the only reason Martin opted for a Modesta solution.

The company's previous system was having problems with its motors, which had to be changed regularly, because they were on the dirty side of the filter.

In Modesta's systems, the motors are placed on the clean side, which results in fewer motor problems.

On top of that, Martin appreciated the environmentally-conscious way Modesta deals with heat disposal: they recover the heat created during production and use it to warm the factory.

By March 2019, the complete filter installation was put to use in Cherrymore's warehouse.

The factory didn't suffer any downtime because most of the installation was undertaken over the week-ends and during bank holidays. In addition, the old systems were moved outside, so that they could keep on running.

A small hiccup in the CNC ducting due to a miscalculation was dealt with fast and appropriately.

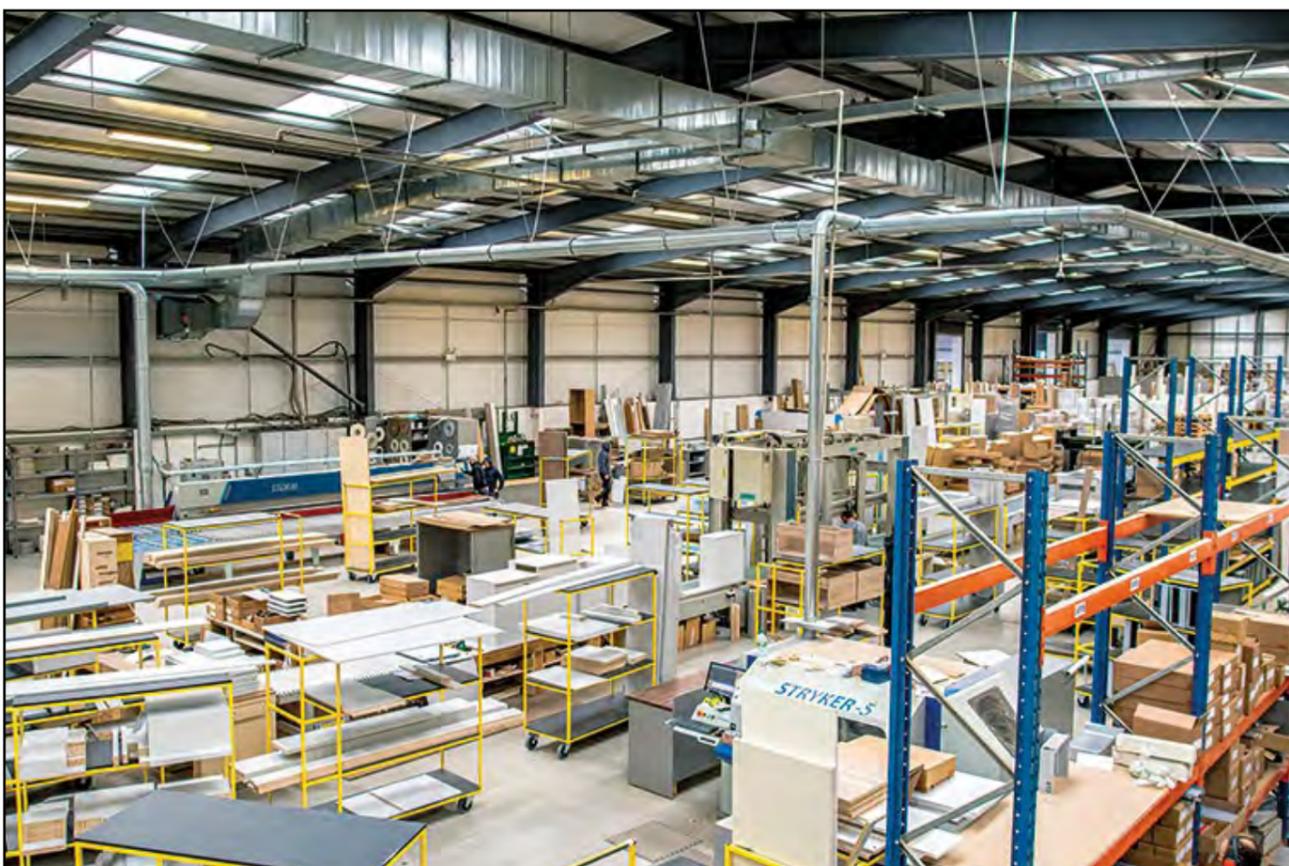
'It was brought to our attention in a constructive way and there was no finger pointing. Instead the focus was on how we could solve this as soon as possible and the problem was resolved over a weekend,' says Martin.

Cherrymore's factory went from a 60,000m³ filter installation with low pressure that was operating at a low speed, to a 100,000m³ installation with 150kW installed dust extraction power with better pressure and speed.

The system currently has only half of its vans operating, making it highly energy efficient.

'With this filter system, we have the possibility to expand in the future and still be able to keep our factory dust free in an efficient way,' concludes Martin.

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FULL KITCHEN PLANS COMPLETED IN CABINET VISION IN JUST 20 MINUTES

Stage 1: Designing a 20-unit kitchen for a developer took a matter of minutes with Cabinet Vision.

Stage 2: The material was ordered at 4.55pm the same day.

Stage 3: The following day it was cut, drilled, edged, assembled and delivered by 12.30pm

'I DID that simply to prove a point,' says managing director and owner of Chris Sharp Cabinets Ltd, Paul Kettleborough.

'I wanted to know just how quickly we could produce a kitchen. Although we had to machine multiple panels, our CNC machine was running at up to 80m/min,' says Paul.

Employing a dozen people at the company's 15,000ft² workshop and showroom in Lincolnshire, the company generally produces two kitchens/week for end-user consumers, with a number of others for property developers.

Having recently invested in Cabinet Vision software to complement the company's Alphacam package, there is now the capacity for designing and manufacturing around 20 a week.

With a long-standing history of making both softwood and hardwood furniture, the company decided that there was a need to diversify, as cheap imports began to have an effect on business and they moved into the purely bespoke kitchen market.

Three years ago, Paul bought the company from Chris Sharp, having worked there for over 20 years and he decided to concentrate solely on kitchens.

Alphacam had been the main software for furniture production for many years, and the company continued to use it to design and manufacture the cabinetry components for their kitchens, which Paul admitted was not the optimum tool for casework assemblies.

'It was taking a long time to program our three-axis SCM Ergon machine tool,' says Paul.

'We'd have a standard 600mm base unit with the holes and tool-paths – but if a customer wanted a 550mm unit, for instance, I'd have to take it down by 50mm.

'So in time, my Alphacam program had up to 150 different units. If a kitchen contained 600mm, 500mm and 400mm units, I'd put them on a separate sheet and nest them through Alphacam, which was a long-winded process when compared to Cabinet Vision, because it's not optimised for that type of work,' explains Paul.

So, the natural progression was to invest in Cabinet Vision for carcass work.

Design manager, James Graves now receives customers' orders as an ArtiCAD drawing from their external designer and imports it into Cabinet Vision.

'As I've got a library of the 60 or so cabinets that we use regularly, I create the rooms by dragging and dropping the units into the project and then editing them,' says James Graves.

'The ArtiCAD file is often just a plan with dimensions on, usually in increments of 50mm, but with Cabinet Vision's parametric capability and the parameters already set up, if I drop a 600mm unit in and change it to 587mm, all the relevant sizes and joints are changed accordingly. Each one literally takes just seconds and I can complete a full kitchen plan in around 20 minutes,' proclaims James.

Being able to customise each unit is particularly valuable when he is working with the company's range of handle-less cabinets.

'We prefer to have these carcass-pressed, so we can choose that the jointing technique is all dowelled rather than KD-fitted. However, I can have KD fittings, if required and I have full control over their location and orientation.

'I can make all fittings on shelves up to a certain height face down and the ones above it face up, so when the customer looks at it, they don't see where the fixing joints are,' explains James.

Cabinet Vision's powerful communication tool with the CNC nesting machine, S2M (Screen-To-Machine), sends the NC code to the Ergon, which includes all the cutting and drilling instructions for the machine.

Alphacam comes into play with the handle-less units, notching out the areas on the side of the panels for the profile to fit into, by sending machining code to the Homag Weeke CNC.

Paul Kettleborough explains that operation can't be performed on the Ergon.

'As it's notched out, we wouldn't be able to put the panel through the linear movement on an edge-bander...it just wouldn't accept it. So we put it through as a rectangular piece,

which is edge-banded on one edge and, as it's neatly notched out for the profile on the Homag machine, the edge-band stays intact. Alphacam is also used to produce any curved, complex shaped and hardwood doors. All these programs are carried out solely with it,' explains Paul.

Alphacam also indirectly drives a Koch machine tool, by working in tandem with Cabinet Vision

'As the Cabinet Vision files go to Screen-To-Machine, it stores the programs in Alphacam, along with the position of the holes that need to be drilled horizontally.

'All holes, both on the main faces of the panels and the edges, are designed and placed there by Cabinet Vision.. I pull up the nested program in Alphacam and those on the face are drilled by the Ergon.

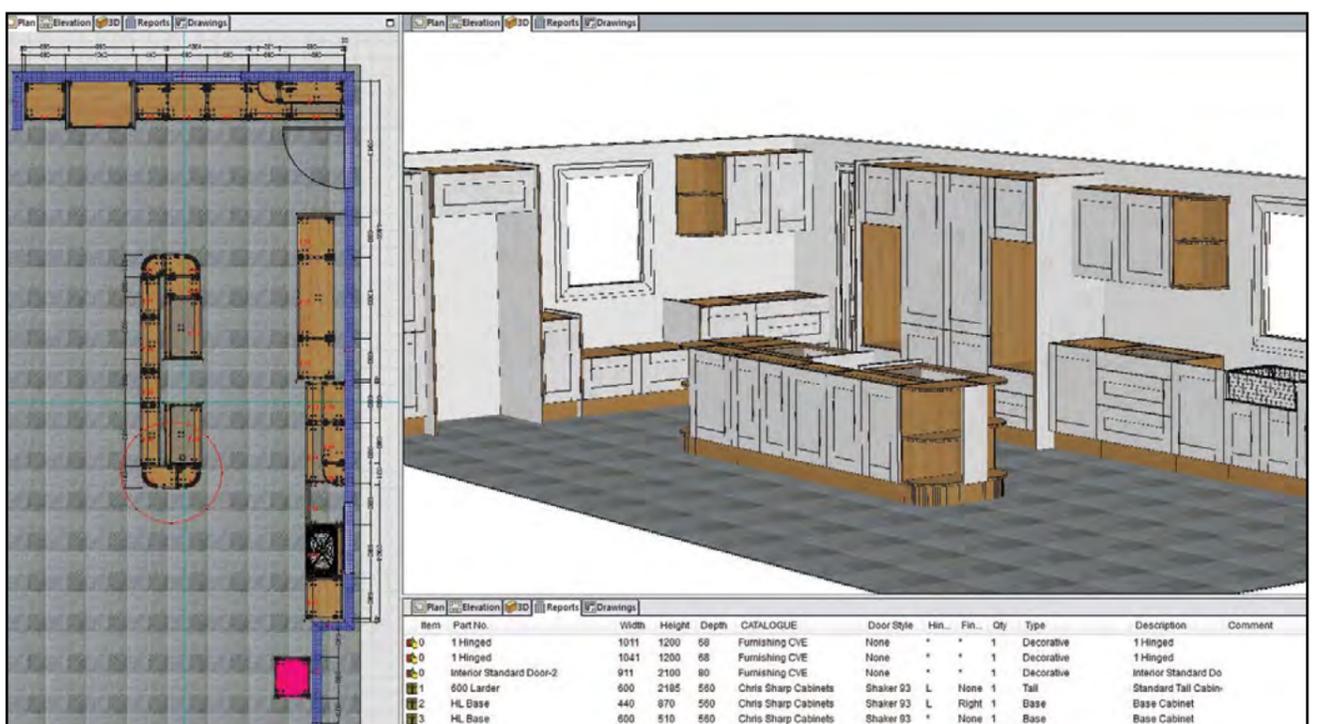
'However, I can also get the same file in a different format, which gives the hole sequence for that individual panel and the horizontal holes are drilled on the Koch machine,' says Paul.

In conclusion James Graves says that another advantage of using Cabinet Vision is that it means that the company can give an accurate price for the job.

'All materials and their price are in the system, so I can see at a glance how much each unit costs and the price for

the whole kitchen, right down to the screws. We can come in with a bottom-line figure to stay competitive. It's a bespoke kitchen, but not a bespoke price,' says James.

For further information tel Alphacam/Cabinet Vision on 01189 756084. Visit www.alphacam.com or www.cabinetvision.com



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ALL FITTED OUT FOR FUME EXTRACTION

WHEN paint shop support specialist, Ultrimax Coatings Ltd relocated to new premises, it had its new facility fitted out with an array of Gallito fume extraction equipment.

As a supplier of Gallito equipment to its own customers, Ultrimax was obviously more than happy to have the same quality products installed for its own use.

Ultrimax Coatings is a family-owned business, which has been serving the paint and coating industry since 1973.

'It's the continued support we receive from our loyal and growing customer base that's made the move to our new premises a viable reality,' explains managing director, Giles Hoare.

'The new facility provides us with three times the floor space, which will help us to achieve our goals for future growth and improved customer service. It has also enabled us to develop a bespoke production area,' adds Mr Hoare.

Although paint shop consumables and spray equipment have become a significant part of the company's business, Ultrimax is primarily a manufacturer of protective coatings and high-performance industrial paint systems.

In addition to its own-branded products, the company is also a distributor of Jotun Protective Coating products and has long-term partnering relationships with the likes of 3M, Mirka and Devilbiss.

As well as a new production area, the increased storage space now at its disposal allows Ultrimax to hold large quantities of stock lines ready for immediate dispatch.

Acquired in 2019 by Filtermist International, the Gallito brand itself was also established over 40 years ago. All Gallito equipment continues to be produced at the company's manufacturing facility near Wetherby in West Yorkshire and the equipment supplied for Ultrimax's new premises was installed by Gallito engineers.

The scope of supply included bespoke fume extraction hoods, a paint kitchen, dismantling and re-installation of a bench booth that Gallito had previously installed at the old premises, along with design and installation of all internal and external ductwork.

A major consideration for the system design was the fact that extraction ductwork would not be permitted to exit directly through the roof of the building.

Drawing on the extraction system design and installation expertise available within the Filtermist organisation, the ductwork was configured to exit through the back wall of the building, with vertical stacks neatly installed in a very narrow space to the rear and topped off with Swedish cowls.

Internally, the key feature of the installation is a custom-designed twin extraction hood, with a central dividing wall.

At over 5m in length and almost 2.5m deep, the completed structure covers a working area of approximately 13m² and provides a working height of 2.3m.

The hooded construction effectively comprises two rows of five individual hoods, manufactured from folded galvanised steel panels and each connected to the main 560mm diameter extraction ductwork.

Fumes are drawn from the main duct by an internally-sited, ATEX-rated centrifugal fan and expelled to atmosphere via the external ductwork stacks.

This large unit is divided vertically by a galvanised steel wall to create two identical, adjacent work areas; allowing concurrent production of different coatings with no cross-

contamination. Each side of the dividing wall provides fume extraction for a number of production processes and the work area is illuminated with integral fluorescent lighting. Transparent PVC strip curtains at each end of the unit allow clear visibility around the entire working area.

Gallito paint kitchens are designed to provide a safe environment for storing, mixing, thinning and blending paints and are individually manufactured to meet customers' specific needs.

In order to minimise VOC emissions, Ultrimax actively works on reducing the use of solvents in their products.

'For more demanding situations, Gallito Paint Kitchens can be double-skinned and insulated but, at Ultrimax, a single-skin, galvanised steel panel construction was sufficient for their needs,' explains Filtermist's sales engineer, Mike Lodge.

'We laser cut and fold the steel sheet to ensure accurate alignment of the finished panels and an airtight seal is achieved by the simple application of sealant during construction,' adds Mr Lodge.

Clean air enters the room by way of an inlet filter in the ceiling and a roof-mounted extraction fan completes a full air change every minute; with extracted air being discharged to atmosphere via dedicated ductwork.

Internally, the Gallito unit is fitted with 500mm deep steel workbenches along each side, leaving a central work area, which is accessible from either end via self-closing, double-skinned and glazed doors.

A further bespoke extraction hood was installed above a section of standard work bench to remove any noxious emissions resulting from the charging of aerosol containers.

The hood is 800mm deep and covers a 2.4m length of the worktop. The open front face is 1.2m high and clear strip curtaining again provides good visibility, as well as offering some protection to the work area.

The project at Ultrimax's new facility was completed with the installation of a 1500mm wide Gallito dry filter bench-type spray booth that had been dismantled and transported from the old building.

Gallito engineers installed the re-built booth and configured new extraction ductwork to discharge at the rear of the building.

Gallito is a Filtermist brand

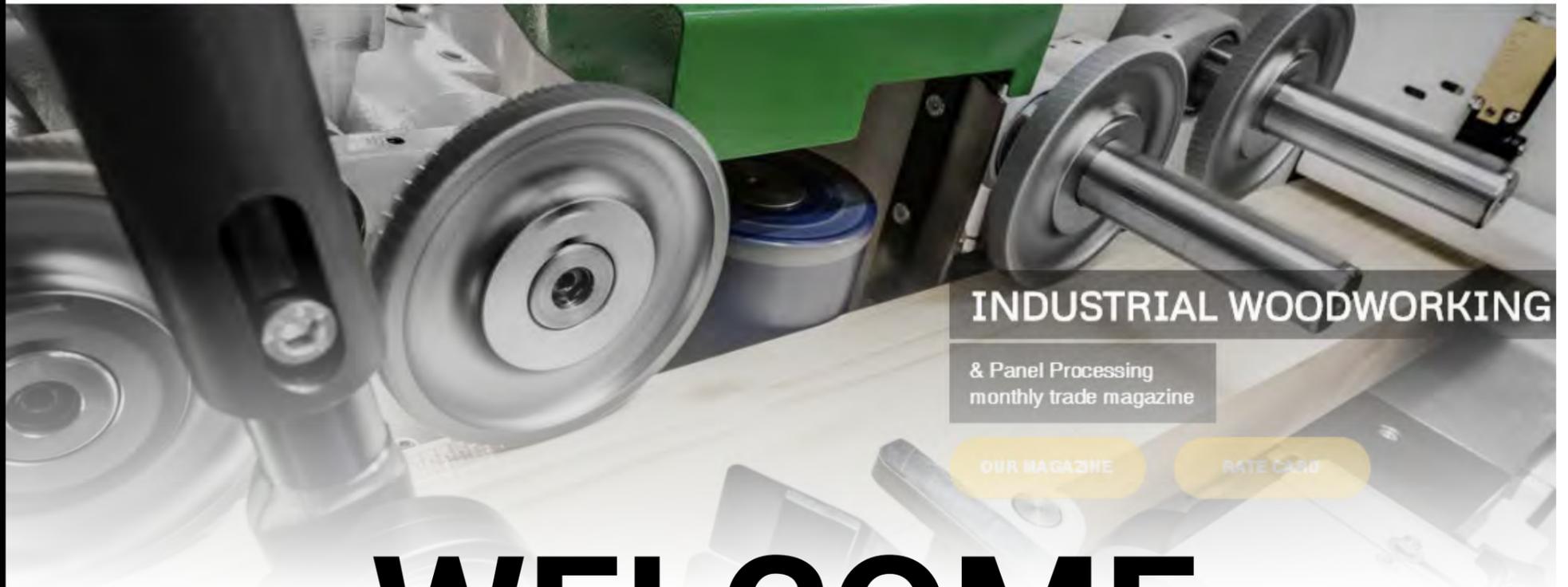
and part of the Absolent Group, which operates globally, through subsidiary companies, manufacturing products for collecting oil mist, oil smoke and dust within almost all industrial sectors and enjoys an excellent reputation throughout the UK.

For further information tel Gallito on 01952 290500, Visit www.filtermist.co.uk



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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.

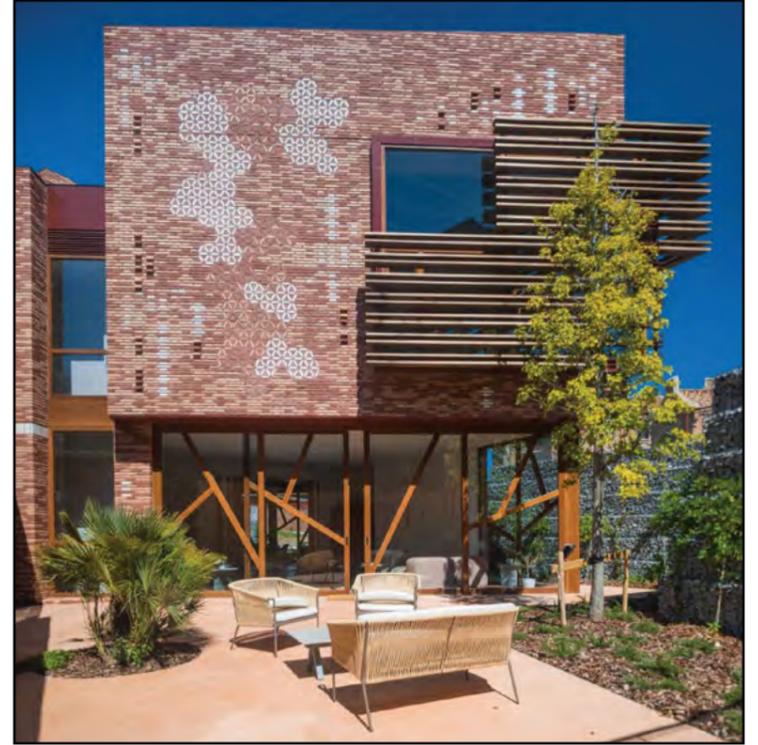
Thermo-treated, or thermally modified wood performs better and has increased durability, allowing it to be used in exterior applications with no need for additional protection.

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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