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bill.willowe@gmail.com

INDUSTRIAL WOODWORKING & PANEL PROCESSING

DECEMBER 2023

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PEANUT AUTOMATIC INSERTION MACHINES MADE TO IMPRESS

INTELLIGENT Fixings' Peanut connection system continues to impress the industry. The recent introduction of two Peanut insertion machines has caused great excitement!

Intelligent Fixings' collaboration with two major woodworking machine manufacturers - the German manufacturer, Koch Technology and the Italian manufacturer, Omal Srl of Italy - has produced what are claimed to be the perfect automatic insertion systems.

The state-of-the-art insertion machines allow furniture panels to be machined with the innovative Peanut ramped key hole slot and then Peanut 2 or Peanut 3 components automatically inserted, producing furniture that can be assembled directly from the machine, or flat-packed and then shipped to the end user to build on-site. No clamping is required, the components self-clamp using the ramped key hole slot.

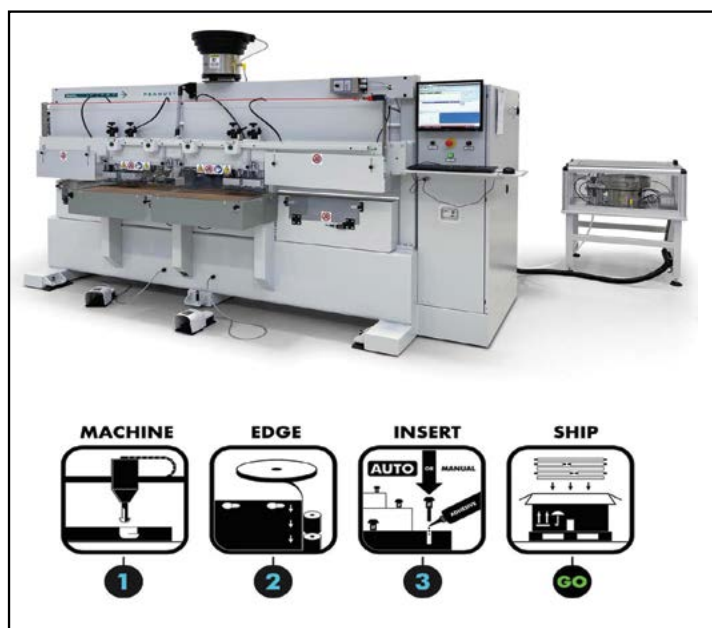
The machines enable pendulum processing, which maximises the working time of the machine, with one user processing hundreds of panels each day!

The cost of the Peanut connectors is less than that of similar fasteners, so beautiful furniture with no visible connection is now an attractive and economical reality.

The machines have been well-received within the industry, with both machine companies steadily receiving orders.

The enthusiasm for the Peanut connecting system and the insertion machines is forecast to continue to grow in 2023!

Intelligent Fixings, in collaboration with machine manufacturers, Biesse will be hosting a two-day open house event from February 1 2023 at its factory in Stevenage in Hertfordshire.



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

PERFECT POWERHOUSE PERFORMANCE

FESTOOL'S newly launched Renofix RG 130 ECI surface-restoration grinder guarantees unlimited power, boasting an impressive performance and all with no risk of overheating.

The new powerhouse achieves perfect substrate preparation in no time at all.

When undertaking restoration work, perfect substrate preparation is the pre-requisite for a perfect end result.

With its new Renofix RG 130 ECI surface restoration grinder, Festool is providing a powerful and 100 per cent reliable helper for the removal of old coating and adhesive residue.

Indeed, this new powerhouse achieves perfect substrate preparation in no time at all.



BEST OF THE YEAR 2023

As usual for our December issue, Industrial Woodworking & Panel Processing will be revisiting some of the articles which we featured during the course of the year in our Best of the Year 2023 Review (See Pages 1-20)

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

Email us at: bill.willowe@gmail.com

UNTHA OFFERS COMPLETE SOLUTIONS FOR WOODWORKING AND TIMBER PROCESSING

AS UNTHA shredding technology has a high percentage of in-house production directly at its plant in Kuchl near Salzburg, the company is in a position to implement tailor-made solutions for woodworking and timber processing businesses that reflect individual circumstances and requirements.

From planning to project execution and commissioning with all the required peripheral devices, this premium manufacturer offers its customers a one-stop-shop service.

Timber processing businesses know that only too well: shredding the material is one thing, efficiently removing the shredded material is quite another.

Whenever material needs to be transported in a certain direction and across a limited distance, conveyor technology is required. The electrical integration of the control system into existing facilities is likewise crucial.

In addition to providing classic shredding solutions, shredding specialist, Untha has also positioned itself as the one-stop-shop for system solutions for woodworking and timber processing businesses.

The CE marking of all Untha machines guarantees a clearly defined framework based on EU standards, making the process easier and reducing complexity.

Seamless, efficient operation also requires the swift removal of the

shredded material, which may then be used as alternative fuel, or for a completely different purpose.

Conveyance technology that is customised to fit your shredding facility and a range of conveyance systems transports the wood chips to their designated storage location in line with individual requirements.

All Untha wood shredders may be combined with all the necessary peripheral devices, thereby ensuring the gentle and energy-efficient transportation of the shredded material.

The Untha range includes feeder and conveyor belts, discharge screw augers and other devices that may be customised to fit the on-site requirements and the desired throughput of the shredder.

Thanks to its wide product range and complete solutions, Untha is able to offer the right shredding system for any required profile.

For customers, the benefits of a complete (or system) solution that comes directly from the manufacturer are obvious: they receive a reliable solution for residual wood shredding, customised to fit their individual application and from a single provider, ie planning, project execution, electrical connection and commissioning are all handled by the same contact partner throughout the entire project duration. The offer ranges from spiral conveyors all the way to hydraulic tilting tables.

When it comes to augers, Untha offers solutions with flexible, shaftless

The Untha R520.



BEST OF THE YEAR 2023 REVIEW

spiral conveyors, as well as rigid augers. Conveyor belts, on the other hand, may be horizontal, or inclined and are suitable for almost any type of material. The benefits lie in the high handling capacity and gentle transportation.

In addition, conveyor belts are well suited for handling long distances, as well as being easy to integrate into existing plant systems.

Shredding residual wood that contains screws and nails is not a big deal



The Untha LR1000.

for Untha wood shredders. However, metal residue in wood chips may damage downstream equipment, or cause a higher wear rate.

In order to remove metal parts from the material, a range of metal separators is available to complete the chosen conveyor solution.

By way of ensuring that the separation of metal is efficient, conveyor belts may be equipped with a magnetic separator at the pulley. The pure material is moved on, whilst the metal parts are separated by the magnet and collected in a container.

Pipe magnets are primarily used in applications where the shredded residual wood is transported via an extraction-system. The pipe magnets are easy to integrate into the piping system, thus preventing metal parts from reaching the chip silo.

A magnetic drum is particularly suited for a high material flow that contains ferrous contaminants. The material flow runs directly on to the drum, which separates the ferrous fractions from the chips and collects them in a separate container.

An over belt magnet is recommended for installation above conveyor belts to remove metallic elements from the material flow. It may be installed perpendicular to the conveyor belt, or in a longitudinal direction at the point where the material is dropped.

Tilting containers, or bucket wheel loaders usually cope well with small cap pieces and residual wood. However, their feed opening is not sufficient for guaranteeing the safe feed-in of long stacks of panels and pallets.

A hydraulic tilting table may be the solution: it allows for the horizontal feed-in of long, unwieldy panels by means of a fork-lift.

The material is placed on the tilting table and then tipped into the cutting chamber for shredding.

Untha shredders are available in the UK from IMA Schelling UK Ltd.

**For further information tel IMA Schelling UK Ltd on 01937 586340.
Visit [www.sales.uk@imaschelling.com](mailto:sales.uk@imaschelling.com)**



The Untha RS30.

BEST OF THE YEAR 2023 REVIEW

LEITZ IS LAUNCHING NEW ONLINE STORE TO MAKE ORDERING EASIER

LEITZ UK is preparing for the hard launch of its new e-commerce platform to make the ordering process easier and more convenient for customers purchasing standard stock items.

Currently, the platform features 426 of Leitz's most in-demand tools from right across its product lines, with more items being added daily.

Clients with registered accounts can now take advantage of some extra features to help them manage their tooling more effectively.

Customers can now save their favourite tools and make use of the express checkout by saving order lists, or uploading spreadsheets to keep track of previous orders and quotes.

All of this is available twenty-four hours a day, seven days a week, meaning that supplies can be ordered at any time, helping to minimise downtime.

For larger businesses, Leitz is now offering the option of delivery to multiple addresses, which should help with managing the tooling needs of multi-site manufacturers, all in one comprehensive and easy-to-use system. The new storefront has an online product finder to make it easier for customers to find the right part.

'We're thrilled to be launching the Leitz online store,' says managing director of Leitz UK, Simon Liddell.

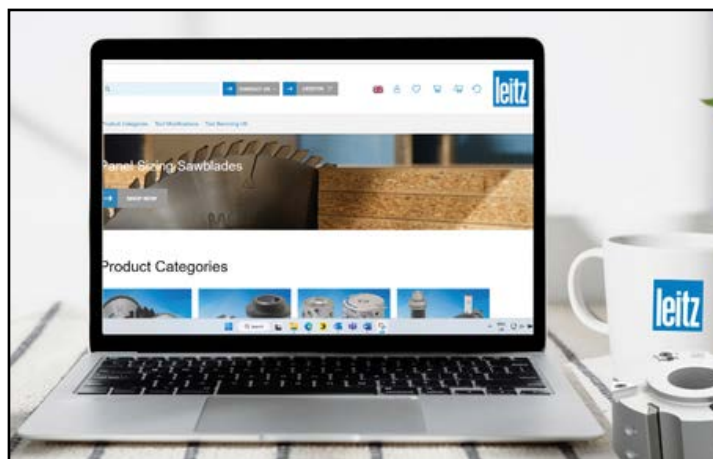
'We're in the process of ensuring that all of our products are available on the site, but if you can't find what you're looking for online, don't worry! Our bespoke tooling services and modifications are always available.

'Servicing remains a cornerstone of our business and we understand the challenges that come with adapting to new machinery. That's why we're here

to offer consultation and advice to any woodworking company.

'Whether you need help reducing noise, improving machine efficiency, or cutting power consumption, we have the tools and expertise to help our customers both old and new,' concludes managing director of Leitz UK, Simon Liddell.

For further information tel Leitz on 01279 454530.
Visit <https://shop.leitz.org/>



CONTROLLING EXPOSURE TO WOOD DUST

WOOD dust exposure is widespread within the woodworking industry, posing respiratory health risks to workers.

The implementation and monitoring of dust control measures required to prevent, or control exposure to wood dust is key to safeguarding the respiratory health of woodworkers.

In line with the hierarchy of controls methodology for reducing dust exposure, efforts are focussed on elimination and controls ahead of the use of PPE as the final option to protect against risks.

For well-controlled workplaces, real-time qualitative and indicative respirable dust monitors, such as the DustCanary TREND 420, can form part of the Engineering and Administrative Controls.

With continuous qualitative monitoring of respirable dust, data provides feed-back that these controls, including local exhaust ventilation (LEV), are working as designed in between annual tests and reduces the risk of an undetected incident, which would otherwise increase the risk of dust exposure.

The recently announced nationwide woodworking inspection campaign by the Health and Safety Executive heightens the awareness of health risks from dust exposure.

Supported by HSE's "Dust Kills" campaign, HSE inspectors across Great Britain are visiting businesses in the woodworking industry focusing on

the dangers of respiratory risks from the inhalation of wood dust.

Useful guidance from the HSE referring to workplace exposure

monitoring and controls, also mentions the use of real-time devices enabling "instantaneous" measurements of dust for identifying sources of high dust exposure for instance.

In addition to supporting dust control measures, the DustCanary TREND 420 wearable dust monitor provides visibility to hotspots and variability of wood dust exposure on a daily basis to increase confidence in what is happening between periodic compliance dust sampling of inhalable dust.

While compliance limits are focused on inhalable dust (particle size fraction which is caught in the throat and upper lungs), real time monitoring of respirable dust (smaller size fraction which passes deeper into the human lungs) provides a useful indicator of changes in process and exposure conditions.

With recent developments in real-time dust monitoring wearable technology, the practicality of daily dust monitoring is becoming easier, ensuring minimised risk of dust exposure to help create a safe and healthy working environment for woodworkers.

For further information tel DustCanary on 01223 979200.
Visit www.dustcanary.com



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

Email us at: bill.willowe@gmail.com

T27

Flexibility for today
and tomorrow.

Setting up a spindle moulder is normally a big challenge. Not on the T27 Flex thanks to its modern touchscreen control: Through the integrated tool conversion you can also setup complex moulding patterns with tilted spindles in a instant. Only this enables the large tilting range of $2 \times 46^\circ$ to be used efficiently – and you can do it fully and completely to your inclinations. In addition the machine can be very precisely coordinated to your individual requirements in operation.



MARTIN

www.martin.info

England and Wales

MWM Markfield Woodworking Machinery Ltd. – www.mwmachinery.co.uk

Scotland

AWMS Engineering Ltd. – www.awmsltd.co.uk

WS Woodmachinery – www.wswoodmachinery.co.uk

Northern Ireland

Electro Tech Machinery Ltd. – www.electrotechmachinery.com

Republic of Ireland

HIGH-TECH MACHINERY Ltd. – www.high-tech.ie

LEITZ TECHNOLOGY TACKLES HSE DUST AND NOISE CLAMPDOWN

DUST and noise has always been a chief concern within manufacturing industries. The Health and Safety Executive (HSE) is challenging businesses to look at ways to improve working practices, as dust and noise are two of the leading causes of work-related illness.

With the threat of fines and, in the worst cases: closure, businesses in the manufacturing sector must look at alternative solutions to these challenges. This is particularly relevant in all manufacturing processes.

As employers, our duty of care to protect employees means that we need to be taking steps to address those issues.

According to the National Society for Clean Air (NSCA) and Environment Protection, one million people in the UK are working in conditions that may damage their hearing unless precautions are taken.

Considered a silent killer, dust levels are notoriously difficult to visibly assess and harmful effects can take years to develop and excessive amounts can lead to such issues as skin irritation, respiratory problems and even lung cancer.

General principles of protection from the HSE state that:

- Where it is not reasonably practicable to prevent exposure to dust, a combination of engineering and process controls may be appropriate.
- Local exhaust ventilation (LEV) systems should be built into and specially designed for the machine, or process that creates the dust. Remember that cross draughts and general air movements can all detract from their efficiency.
- For on-tool extraction, it is important to choose parts that are compatible and work together.

With these broad principles in place, it's no wonder that factories are struggling to integrate solutions to avoid Health and Safety violations.

It's this end-to-end approach that Leitz has focused on in tackling dust and noise on the factory floor. It is typical to address these issues in isolation rather than looking for a combined solution, resulting in extra costs.

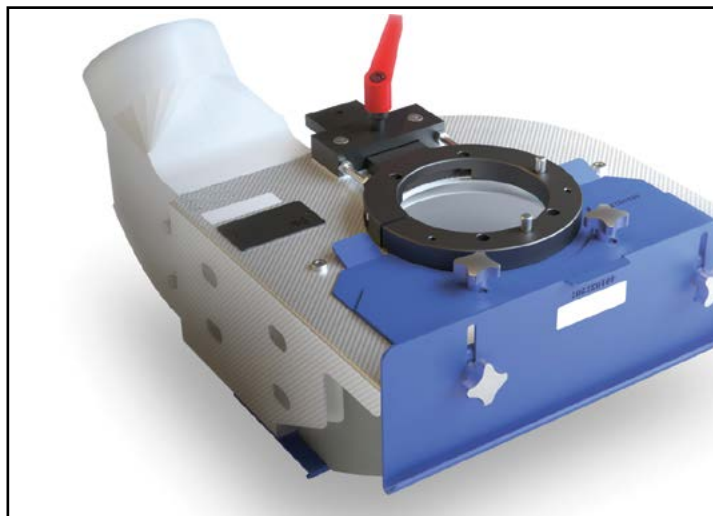
By taking a holistic approach to reducing dust and noise, not only is it possible to solve both issues at the same time, but by focussing on improving process production, it provides an opportunity to increase productivity as part of the solution – leading to ongoing cost saving benefits.

Leitz Tooling UK has developed its Dust Flow Control® (DFC) technology – a tooling-to-extraction system to reduce dust and noise that also delivers cost savings for manufacturers through significant productivity gains.

DFC extraction hoods are optimised to collect up to 98 per cent of debris and reduce noise by 5 dB (A). Experience teaches us that dust hoods are an extremely effective solution and it is necessary for experts to get in the factory early to specify each DFC extraction hood for each machine.

Another solution to reduce vibration and, therefore, noise is to use more sophisticated machine clamping systems. Whilst shanks reduce vibrations, using tighter clamping, such as Leitz's heat shrink system produces greater balance on the tools, reducing both the wear and vibrations together.

Tool management is a critical, but under utilised aspect of factory operations and good tool management



also offers significant benefits for reducing noise.

There are many tool management systems available on the market. Leitz uses transparent reporting, so that customers can see the entire servicing and replacement process.

Leitz sends alerts when a tool needs replacing, or sent for sharpening, ensuring that replacement tooling is ordered in time, leading to minimal machinery downtime, or impact on quality, avoiding up to a 25 per cent drop off in productivity.

Optimised tools result in greater efficiency, less waste, less passes and a reduction in dust. As up-to-date tooling systems are designed to reduce noise, it makes sense that a fully optimised tool reduces noise pollution.

With the HSE clamping down on dust and noise levels in the workplace, the woodworking industry has to tackle these issues through end-to-end solutions that, in turn, save money and increase productivity.

For further information tel Leitz on 01279 454530.
Visit www.leitz.org



THE OVVO RANGE OF AWARD-WINNING CONNECTORS KEEPS GROWING

OVVO continues to expand its range of wood joining connectors leading the way in furniture “tool-free” assembly components, making life easier for consumers and end-users, as well as delivering a more profitable and efficient solution for manufacturers.

OVVO products encompass a range of cleverly engineered, award-winning, invisible connectors that make joining wood simple.

The connectors are installed during the manufacturing process, so that the end-user can simply click/push together cabinets, shop fit-out components, door frame assemblies, or furniture without the need for tools, screws, or glues.

The result is an accessible, sustainable product that saves time, money and effort for consumers and manufacturers alike.

Manufacturers can also benefit from significantly reduced shipping costs, as items can be shipped flat-packed.

The latest addition to the OVVO product family is the incredible OVVO dowel (OD30), which is specifically designed to work in standard drill patterns.

The OD30 is inserted into the panel without any glue to form a permanent joint in 15mm panels and above.

These new connectors make it even easier for manufacturers to incorporate OVVO into their standard processes, saving time and money by eliminating glue and case clamping time.

No additional equipment, or capital is needed to deliver tool-free assembly products to customers and end users.

This new self clamping, glueless, invisible OVVO dowel (OD30) is designed for connecting cabinet parts and all types of furniture using standard drilled holes on both sides of the joint, thereby simplifying the panel processing operations, whilst continuing to provide all of the benefits of OVVOs’ proven tool-free assembly methodology.

Established in Ireland in 2014, the OVVO brand has gone from strength to strength, picking up numerous highly regarded industry awards along the way.

The company was most recently awarded the award for “Outstanding Furniture Accessories” at Interzum-Guangzhou in April 2023 for the innovative connection system.

The relentless quest to make life easier for people ensures that simplicity is at the heart of every new product: with each new product developed, the OVVO range has become more accessible to manufacturers, with the ability to be integrated into existing production processes and suitable for a wide range of production capabilities.

All OVVO connectors are designed for high-volume, automatic insertion, and ongoing partnerships with leading software providers,



such as Cabinet Vision, TopSolid, iFurn, Swood and Cabinet Sense to ensure that manufacturers can easily incorporate OVVO into their existing processes, as well as into new product design and development.

All OVVO connectors can be installed into a variety of materials ranging from high-quality hardwoods to low-grade particle board and the company’s recyclable plastic means that any waste is put back into the production of OVVO product.

OVVO works best in boards >12mm thickness and is available in a range of sizes to perfectly match various requirements.

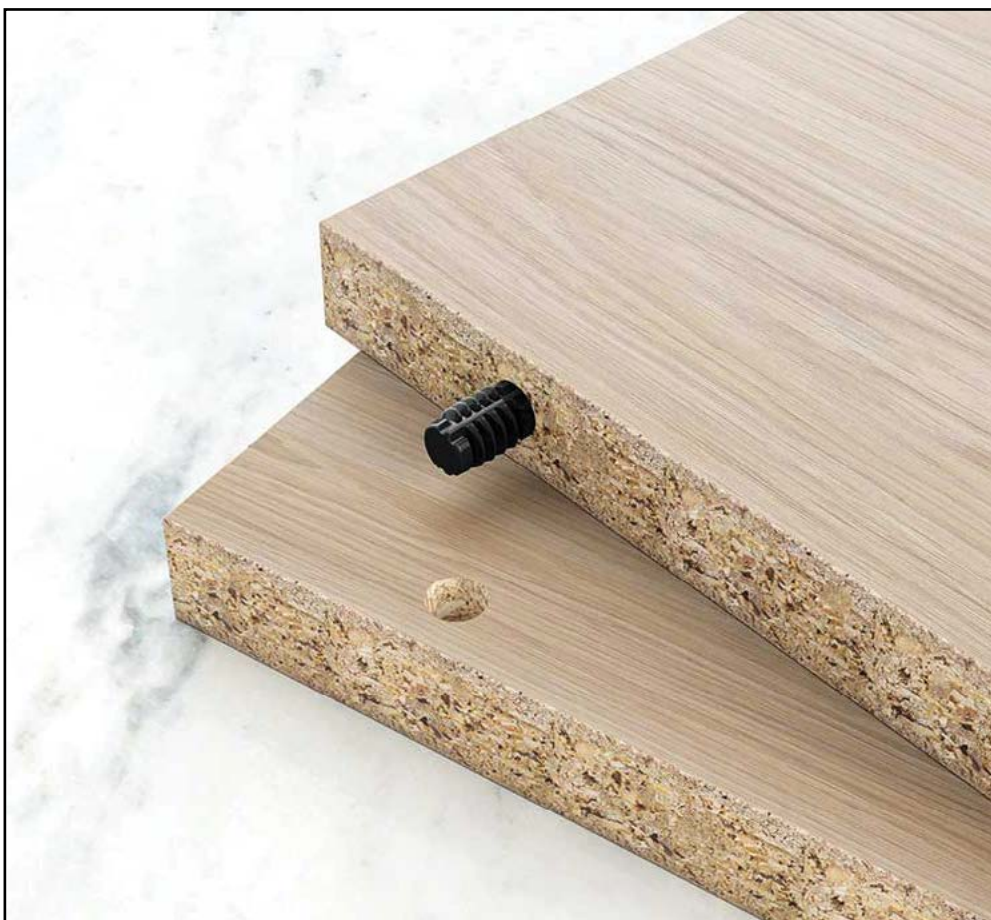
All connector sizes are available in both PERMANENT and RELEASABLE options, extending the range of materials and opportunities to inspire creative design and innovative development.

Consumer demands are shifting more and more towards convenience and sustainability. OVVO can help you meet those demands and give your products a competitive edge.

The OVVO team is on hand to support your switchover to OVVO and help you take the next step of innovation.

OVVO offers furniture assembly made simple – with no need for tools, glue or screws. Simply push, click and connect.

*For further information the OVVO on 00 353 429 370 070
Visit www.ovvotech.com*



JAMES LATHAM CONTINUES ITS SUPPORT OF RYCOTEWOOD COLLEGE COMPETITION

James Latham empowers student creativity by supplying HIMACS and Valchromat for 2023 Rycotewood College competition on colour and curve.

SINCE first importing hardwoods into the UK in 1757, James Latham has been a long-time champion of the British furniture industry.

So, when Rycotewood College in Oxfordshire - one of the country's top institutions for furniture-making vocational training, approached James Latham to support its student competition for the second year running, the company was delighted to accept.

This year the competition challenged the students to focus on the captivating dual concepts of colour and curve within the overarching theme of storage.

In order to assist the students, James Latham donated a quantity of HIMACS and Valchromat, providing them with the opportunity to demonstrate their skills and initiative when working with these non-traditional materials to meet a challenging creative brief.

Following a 10-week entry period, in which 12 Rycotewood degree students participated, judging took place ahead of the college's end-of-year celebratory show in June, where the winning entries were announced.

This year's competition proved to be a showstopper, with a collection of remarkable pieces that perfectly showcased the students' ability to adapt, experiment and transcend traditional furniture design.

Creative Mastery with HIMACS

Joe Fortune, who won the HIMACS category, created a visually striking and artistically ingenious shelving unit for indoor plants.

Pushing the material to its limits, the smooth, delicate twists within the piece, seamlessly joined, demonstrate the thermo-formable nature of the solid surface and its ability to retain its original rigidity post-heating. He went further, using CNC facilities to cut out a series of holes within the curved pieces to evoke the cellular structure of a leaf.

The judges were particularly impressed with the range of different skills displayed. From the seamless curvature, invisible joints and extensive cut-outs, they felt that it demonstrated technical mastery without compromising structural integrity; a remarkable example of how HIMACS can surpass initial expectations, creating visually stunning and

some extremely functional features.

'HIMACS's ability to be heated and twisted without visual, or structural compromise proved the perfect material to achieve what was, from the outset, a very ambitious design,' says Joe.

'The results speak for themselves. Personally, I was pleased with the seamless joins I was able to achieve, creating an appealing visual continuity within the finished piece,' he adds.

Unparalleled Versatility for Valchromat

Benjamin Scott was the competition's other winner, using Valchromat to breath-taking effect in a sophisticated storage cabinet.

A stunning fusion of yellow and grey Valchromat with oak, the modern day parquet on the cabinet has over 1,000 precisely arranged, extensively sanded and polished Valchromat pieces, forming elegant herringbone-patterned panels, showcasing Ben's incredible attention to detail.

The judges felt that the piece truly exemplified the creative potential of Valchromat, representing a massive leap forward compared to its use in the previous year's competition. Importantly, they also felt that it encapsulated Rycotewood's growing proficiency in working with the material.

'Valchromat's superior sanding and finishing capabilities are remarkable. It outshines alternative materials, effortlessly achieving a flawless surface. Additionally, it retains sharp edges when shaped by hand, offering a more refined look,' says Benjamin.

Raising the Bar

Emma Harris was also commended for her chic drinks cabinet, which combined black HIMACS and solid oak for a cool, contemporary piece of furniture. Attractive, yet eminently practical, the addition of a mirrored interior adds an extra touch of luxury.

The judges praised its refinement and harmonious combination of textures and colours to achieve a cohesive composition. They also felt that it demonstrated Emma's keen understanding of HIMACS' versatility and its ability to complement and enhance other materials.

'We're thrilled to witness the tremendous growth of the students in their ability to work with new materials, as demonstrated through the ambitious and captivating pieces submitted for this year's keenly-anticipated and hotly-contested competition,' says furniture lead at Rycotewood, Josh Hudson, commenting on the success of the competition.

'Partnering with James Latham has been fantastic and our ongoing collaboration allows the students to push their creative boundaries and showcase their talent to the full,' he adds.



*Benjamin Scott's Entry:
Valchromat storage cabinet.*



Emma Harris' Entry: HIMACS drinks cabinet.

For further information tel James Latham on 01442 849000
Visit <https://www.lathamtimber.co.uk/>

Joe Fortune's Entry: HIMACS shelving unit.



LIBERON LAUNCHES RANGE OF DECKING STAINS FOR PROFESSIONALS

PROFESSIONALS know they can rely on Liberon to achieve the results their customers want. When it comes to caring for exterior decking, its decking oil is one of the woodcare expert's flagship products.

Now, the brand trusted by professionals has launched a range of decking stains that makes the selection of Liberon decking woodcare options comprehensive. Liberon's new "Superior Decking Stain" affords professional users several benefits.

Sunnier, longer days mean that now is the ideal time to undertake decking maintenance to make sure that it is not only looking its best, but is well protected from the elements.

A high-quality decking stain can help not only transform the appearance of decking, but can boost its longevity too.



Liberon Superior Decking Stain is a solution that is water-repellent, protects against damage from sunlight, looks fabulous and has a "bio-sourced" formula.

The bio-sourced formula, being based on vegetable oils and modified bio-based resins reduces environmental impact, but still maintains superior performance.

Liberon Superior Decking Stain's protection against moisture and sunlight is long-lasting; the stain's water-based formulation includes anti-slip properties; it is easy to apply thanks partly to an excellent spreading rate compared to other available options; is quick-drying and it produces a natural, semi-transparent finish once dry.

The new decking stain is offered in Light Silver, Gunmetal, Light Oak, Teak, Black and Clear colour options. It is available in 2.5L tins, which is sufficient to cover 15m² with 2 coats, or a 5L option, sufficient to cover 30m² with 2 coats.

The new product not only marks a turning point in Liberon's decking woodcare offering, but ushers in a whole new livery for packaging, including a new logo. The impactful new look is the result of investment in the brand in order to modernise it and help move the market forward. This investment will see other products in the range also follow suit.

For further information

visit <https://www.liberon.co.uk/superior-decking-stain/>



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

Email us at: bill.willowe@gmail.com

BEST OF THE YEAR 2023 REVIEW

LEITZ TOOL MANAGEMENT HELPS TO REDUCE PRODUCTIVITY DROP-OFF

LEITZ is working with manufacturers to significantly improve their productivity through its Tool Information Management (TIM) system.

The TIM system is designed to maintain optimum machine and tooling performance by monitoring the tool life-cycle, ensuring that a regular sharpening, cleaning and servicing schedule is carried out at the correct timings to avoid any drops in productivity.

The tooling system is directly monitored at Leitz to track changes and fluctuations in production to predict and assess when your tooling requires maintenance, or replacement. For larger operations, Leitz can also use RFID tags to track the location and usage of tools.

'We are well aware of the issues that machine downtime can have for our customer's businesses,' says managing director at Leitz Tooling, Simon Liddell.

'If tooling systems aren't managed effectively, it can have a huge knock-on effect, significantly reducing productivity and product quality, not to mention damage to the expensive machines and their parts,' he adds.

Leitz TIM customers are well positioned to avoid downtime and to help to keep tooling cost-effective. When paired with the new Leitz E-shop for consumables, it gives manufacturers more support with end-to-end management of their tooling inventory.

Interested companies can set up a meeting with the Leitz team, where manufacturing processes will be assessed and a package identified that is most suitable for the individual needs and budget.

After on-boarding, clients will gain access to Leitz systems that monitor their tooling.

For further information tel Leitz on 01279 454530.
Visit <https://www.leitz.org/en-gb/services>



Dear Customer,

Did you know we have extended our product range to include:

Slitting Blades, Nordson compatible replacement hoses and Rings for BM 200 and BM 20 and generally anything to do with Profile Wrapping!

WE ALSO SUPPLY MOULDER WHEELS & HEAT GUNS AND SPARE PARTS FOR ALL HEAT GUNS



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

Email us at: bill.willowe@gmail.com

FURNITURE MANUFACTURER IS RECEIVING TRIPLE PAY-BACK FROM NEW WASTE EXTRACTION SYSTEM

OFFICE and educational furniture manufacturer, West Sussex Office Furniture has invested in a new waste extraction system from Wood Waste Control, which is instantly paying dividends in improved factory cleanliness, reduced waste and clear financial savings.

The company designs and manufactures ranges of "white label" office and educational furniture sold exclusively to a network of dealerships which apply their own branding. It has grown steadily since its formation in 2004 and last year was its best ever trading year.

West Sussex Office Furniture employs a total of 54 people at its 18,000ft² factory.

The production machinery in its woodworking plant includes two CNC machines, a flat-bed saw and two edge-banders. There is also a separate metal-working plant.

'We use only large sheets of chipboard in our woodworking plant and all items of machinery require dust extraction,' says West Sussex Office Furniture managing director, Ian Hamlett.

'We had a long-standing extraction system with wood burner, but the main burning chamber on the burner had rust holes in it, causing it to smoke excessively. Everywhere was covered in dust and we desperately needed a cleaner working environment,' adds Mr Hamlett.

The company turned to Wood Waste Control (Engineering) Ltd, which has hundreds of successful waste extraction, processing and heating equipment installations across the UK, in Europe, Russia and Africa.

Wood Waste Control specified a much larger extraction system, utilising its WFS 13-2J modular filter unit.

The collected waste is discharged through the filter unit via a rotary valve unit and dropped pressure-free directly into a silo feeding its WWH 25 automatic warm air heater.

In addition, a Reinbold Azr 600 18.5kW shredder chops chipboard off-cuts into small pieces ready for burning in the heater.

'They also added a separate small filter exclusively to extract the small plastic clippings cut off by the edge-bander into separate dust bags so they can go off to landfill,' says Ian Hamlett.

'The installation went very well and Wood Waste Control's installation team was tremendously knowledgeable and helpful.

'The extraction is much more efficient and the factory is now cleaner and tidier, creating a better place to work, which means happy staff and so a happy company. The new system demonstrates our professional approach to working and is also more environmentally friendly.

'Our investment in the new system, including various extras, was £150,000. However, we are now saving well over £30,000 each year on the cost of skips to landfill and forecast a three-to-five year pay-back on



Dropping into place: the new Wood Waste Control dust extraction filter is hoisted on to site at West Sussex Office Furniture.

our investment, as well as the improvement in working conditions and environmental benefits - something which is extremely important both now and in the future.

'We are delighted with the end result and with the work of Wood Waste Control, who did everything they said they would. I would recommend them to anyone,' concludes Mr Hamlett.

Wood Waste Control is based in Bourne End near High Wycombe. The family company manufactures its wide range of filters in the UK and supplies shredders, briquette presses, biomass heaters/boilers, plus quick-assemble and spiral ductwork to enable it to offer solutions from simple stand-alone bagging units through to complex integrated systems.

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

INTRODUCING THE AXYZ WOODWORKER CNC ROUTER - THE SOLUTION FOR HIGH VOLUME PRODUCTION

AXYZ, a leading provider of CNC routing solutions, is excited to unveil the all-new AXYZ WOODWORKER CNC router.

This powerful all-in-one solution is engineered for fast and effortless high-volume cabinetry and furniture production.

With its customised machine configuration and a range of specially developed options, the WOODWORKER CNC router offers furniture and cabinet makers a clean and efficient manufacturing process.

Key features of the AXYZ WOODWORKER CNC router include:

Versatile Process Areas: The WOODWORKER boasts a wide variety of process areas that can accommodate all standard sheet sizes, with a remarkable 10in high gantry clearance.

This flexibility makes it easy to use with accessories, such as vacuum pods, or a rotary axis device, enhancing productivity and precision.

Exceptional Performance: Equipped with powerful direct servo drives and helical racks, the WOODWORKER delivers outstanding performance, high-speed cutting and impeccable finishes across a



wide range of wood types. It excels even with phenolic-based products, such as High Pressure Laminate (HPL).

Multiple Spindle Configurations: The WOODWORKER offers a choice of a single 5, 10, or 15HP HSD spindle, allowing users to tailor their set-up to match specific production requirements.

Additionally, a nine-position drill bank can be added to the multi-head configuration for faster and more productive operations.

Efficient Tool Changing: With a selection of 7, 10, 14, or 21 position automatic tool changers, the WOODWORKER ensures fast and efficient tool changes, minimising downtime and maximising productivity.

Advanced Dust Collection: The router features a high-volume 4in dust collection system, complemented by an oversized dust boot, high-flow manifold and hose management system.

This comprehensive set-up effectively collects both large chips and fine dust, maintaining a clean and safe working environment.

Automated Label Printing: The WOODWORKER offers an optional AXYZ Automated Label Printer (ALP), simplifying the identification of parts during the final assembly process. This integrated solution streamlines operations and enhances overall efficiency.

Rotary Axis Equipment: For machining complex parts requiring 360 deg rotation, the WOODWORKER offers optional rotary axis equipment. This feature expands the router's capabilities and enables the production of intricate and precise parts.

When it comes to furniture and cabinet making, the AXYZ WOODWORKER is claimed to represent the ultimate CNC solution.

AXYZ has put extensive effort into developing a machine that seamlessly combines power, versatility and precision to meet the unique needs of woodworking professionals.

AXYZ is confident that the WOODWORKER will revolutionise the industry by delivering exceptional performance and transforming production processes.

For further information tel AXYZ on 01952 291600.
Email: enquiries@axyx.com. Visit www.axyz.com

THE BENEFITS GAINED FROM USING VACUUM TAWI SHEET LIFTERS

TAWI UK offers a range of solutions for any company that lifts sheets of materials, from wood, metal and plastics to glass. The company also provides customised solutions to meet specific customer needs.

Why use a vacuum lift solution?

Working with heavy, bulky pieces of wood can be a significant challenge for anyone. However, with a vacuum sheet lifter, lifting and transferring wooden planks, or sheets are easier and more efficient.

Reduce manual labour, improve productivity and ROI

Vacuum sheet lifters help companies reduce manual labour, improve safety, increase productivity and ROI.

Sheet lifting usually requires two people to do the job, but with vacuum automation, the job becomes more efficient, only requiring one person.

Using a vacuum system, any employee in your workforce could quickly become a “superhero lifter”, regardless of their size.

wooden sheets more smoothly and efficiently, reducing the chances of dropping, or damaging wooden sheets during transfer.

Tilting or rotation sheets

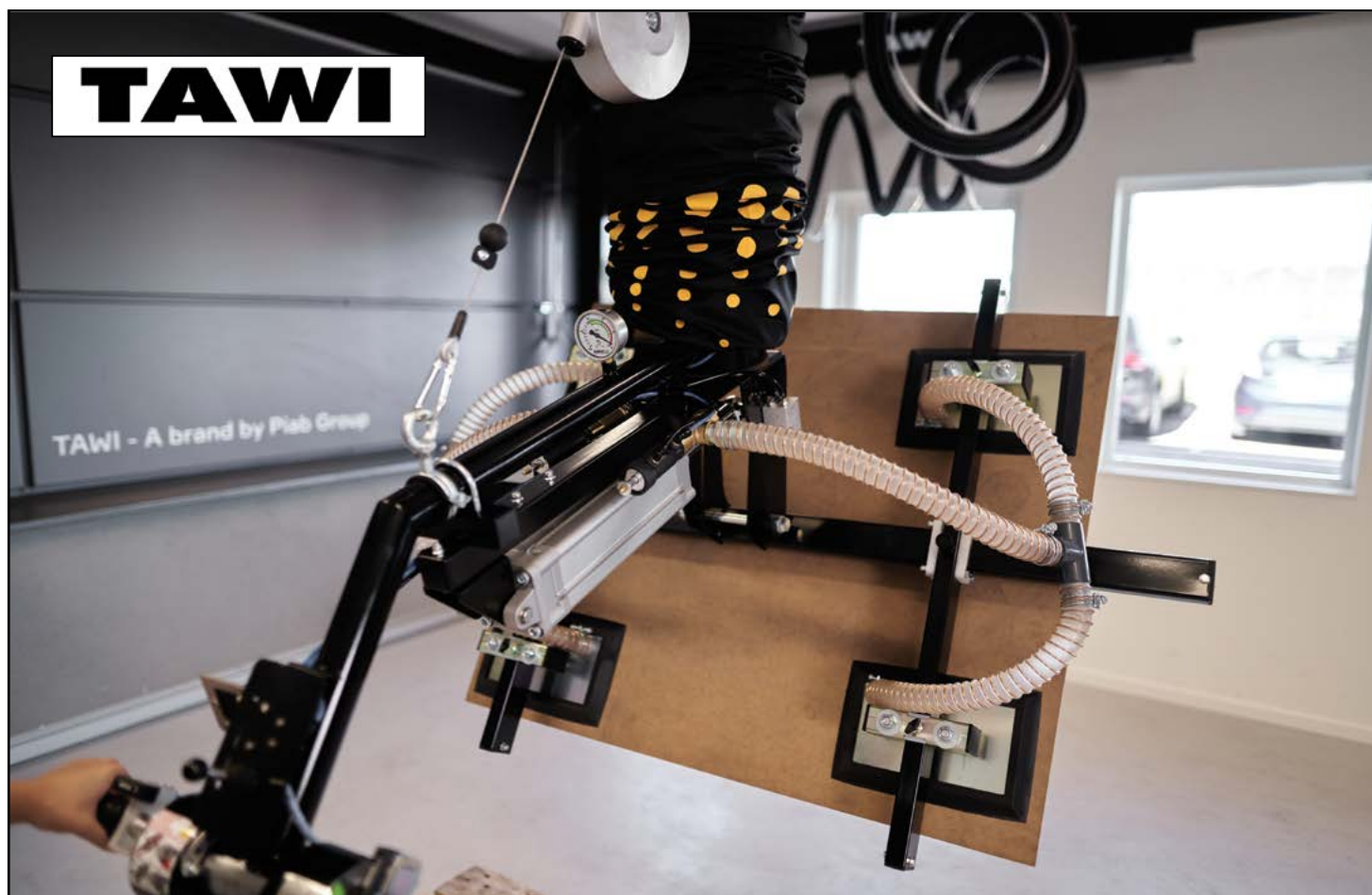
The TAWI vacuum gripper makes the task effortless and efficient. Regardless of stature, anyone can lift and tilt sheets up to 180 degrees and rotate them if needed, requiring minimal effort.

The ergonomic design negates the operator having to twist their body into contortions, which can cause injury and time off work, ultimately reducing productivity.

Speed and Efficiency

Where speed is essential in fulfilling an order, our high-frequency vacuum lifters are designed with suction feet allowing the operator to pick up heavy sheets quickly and easily, with minimum impact on the body.

TAWI's vacuum lifting solutions enhance production, optimising the whole process from start to finish, allowing employees to carry out their



With TAWI's lifting systems, employees workload transforms into a more streamlined process, without interruption, a continuous efficient workflow all day, every day.

Easy handling

TAWI's ergonomic technology allows one person to easily lift 500kg sheets without straining parts of the body.

The user-friendly control panel makes the tool easy to manoeuvre and helps ensure the operator's and the load's safety. The vacuum gripper is conveniently mounted in a TAWI hoist for optimal speed and precision.

Furthermore, the secure suction grip allows workers to move and rotate

duties safely and consistently, with minimum downtime.

But don't take our word for it

'TAWI has helped us not just with standard lifting equipment, but with customised solutions that have been adjusted to our specific needs,' says production manager at LG Collection, Björn Skoglund.

TAWI UK offers all enquiries a free, no-obligation site visit to assess any requirements which you may have for your individual company.

For further information tel TAWI on 01604 591120
Visit www.tawi.com/en-gb

LIBERON POLISHES UP STUDENT WOODWORKING COMPETITION

STUDENTS at Burton & South Derbyshire College have been put through their paces by Liberon as part of a carpentry and joinery competition.

The woodcare experts called on learners on the college's City & Guilds Bench joinery course to design, build and finish a stool for children, using Liberon's Wax Polish Black Bison paste.

Teams of students were given 15 teaching hours in total to complete the project. The winning team came up with the idea to incorporate a cartoon-like rabbit theme, with eye-catching ears forming a back rest and a highly appealing bunny face seared into the main stool surface.

The project incorporated a European softwood for most of the stool and Douglas fir was used to create the bunny ears, with the latter deriving from former local church pews that had been salvaged by the college.

A laser was programmed to sear in the facial features and the legs were formed using a lathe.

The design went through several iterations, with the students finally settling on an endearing flopped-down style for one of the rabbit's ears.

A feature of the ears was a contrasting central section, created to resemble those of the real-life animal. This was achieved by inlaying Douglas fir and smoothing it off.



'The students' designs were wonderful - a real testament to their skills. We'd like to congratulate the winning team and wish all the students on the course the best of luck in their future carpentry and joinery careers,' says Liberon's marketing manager, Richard Bradley

'All the students should be very proud of what they achieved in this competition. I've been so impressed with the way they have worked together in teams. Being asked to design, build and finish a project within a tight time frame has brought out the best in them. It's great that it has introduced them to new skills, such as using the lathe and the laser,' says course leader, Ian Vanes-Jones.

'I've always been a strong advocate of Liberon's Wax Polish Black Bison paste, which really brings out the beauty of wood, but this competition has highlighted its attributes even more,' he adds.

The entries were judged by staff at the college, who agreed that the standard of work was high and that making a choice had not been an easy decision. The three members of the winning team each won a £25 Amazon voucher provided by Liberon.

Waxing furniture has been carried out for hundreds of years and, whilst traditional beeswax has its place, it is a good idea to seek out a solid wax with a modern formulation, which makes it more hard-wearing.

Liberon recommends choosing one with a good content of carnauba wax. This wax is found on the leaves of the carnauba palm, which is native to north-eastern Brazil.

It is known as the "Queen of Waxes" and contributes to the superior durability of the complete wax formulation, making it ideal for nourishing and protecting all types of wood, including lacquers and French polishes.

Liberon's Wax Polish Black Bison has a good content of carnauba wax and, being highly lustrous, makes wood look simply beautiful. Made from a blend of waxes, it provides good resistance to finger and water marks and is ideal for small surfaces such as chairs.

Known for its high quality and pleasant, distinctive aroma, it feeds, polishes and helps to prevent wood drying out and has traditionally been used on antiques.

For further information tel Liberon on 01797 367555.
Visit www.liberon.co.uk.

LIBERON - BRINGING ANTIQUE FURNITURE BACK TO LIFE

If you would like to bring a favourite, but faded piece of antique furniture back to life, then the right wood dye could be the solution. The item's original vibrancy can be regained using Spirit Wood Dye.

Liberon's Spirit Wood Dye can also help you to achieve the exact shade you're after, since it's offered in eight colours that can be mixed together for the perfect tone.

It is ideal for use on dense, hardwood furniture, such as mahogany and oak and is a traditional dye with extra absorbency whose solvents penetrate deep into the wood.

Liberon's Spirit Wood Dye is ethanol-based and its extra absorbency makes it ideal for already-finished timbers.

It is available in Antique Pine, Dark Oak, Ebony, Georgian Mahogany, Light Oak, Medium Oak, Teak and Walnut. It may be over-coated with wax, oil or varnish and even used to tint French Polish.

Spirit dyes are easy to apply, especially on previously finished woods, provided that any finish, or wax polish has been removed.



Wax polish can be removed with Liberon Wax Polish Remover used in conjunction with Liberon 0000 Steel Wool - after which any residue can be removed with a clean cloth.

Before application it is essential to ensure that the surface to be stained is clean with no trace of previous finishes.

Shake the can well before use and apply one coat liberally with a foam applicator, or fine bristle brush, working in the direction of the grain where possible.

Allow the stain to be absorbed and wipe away any excess with a clean cotton cloth following the direction of the grain.

If a deeper colour is required, a second coat can be applied after four hours, although the second coat must be applied quickly, with care taken not to go back over the surface, as this can pull the first coat. Once dry, this dye must be finished with a water-based varnish, oil, or wax polish.

For further information tel Liberon on 01797 367555.
Visit www.liberon.co.uk.

THE GROUND-BREAKING, USER-FRIENDLY T29 SPINDLE MOULDER FROM MARTIN

THE T29 spindle moulder from German manufacturing giant, Martin features a thoroughly user-friendly, state-of-the art control system.

Indeed, the key feature of this machine is the innovative control system, which is designed to support the user in all manner of tasks.

This enables the machine to be used effectively and economically, allowing it to make a considerable contribution to increasing the efficiency of any joinery workshop.

The spindle moulder's tilting arbor also opens up a whole new range of possibilities.

Previously, users had to carry out all of the measurements and settings for the tools themselves and this occupied a great deal of time.

With the Martin T29 spindle moulder, users are supported by intuitive electronics, with up to seven electronically displayed and controlled axes.

Setting up the Martin T29 spindle moulder is thus simple and hassle-free!

Innovative design

The T29 spindle moulder's electrically adjustable ring inserts provide the perfect solution for closing the gap between the tool and the table.

Fully integrated into the control system, they facilitate the set-up process enormously. By simply specifying a value, or moving them manually, you can open, or close the eccentric rings and thus the gap, continuously.

Fence jaw system

Thanks to the optional AutoLock fence jaw clamping system on the T29, you can ensure that the secure clamping of standard and integral fence jaws are completed in a simple and safe manner.

Always clamped securely by spring force, the jaw clamping is only released for setting with the easily accessible levers. This is carried without any electrics, or pneumatics.

Collision detection

During the set-up process, if a tool is accidentally moved on to a collision

course with the machine, it will automatically detect the issue and warn the operator. This ensures a very high level of safety for the user, even for inexperienced operators.

The machine software also prevents collisions between the machine components in the border areas of the travel paths of the table rings and the spindle sleeves.

Arbor quick change

There are two options available with the T29; the DornFix standard quick-change system and the HSK quick-change system.



The electrically adjustable ring inserts provide the perfect solution for closing the gap between the tool and the table. By simply specifying a value, or moving them manually, you can open, or close the eccentric rings and thus the gap, continuously.



The T29 spindle moulder from Martin features a user-friendly, state-of-the art control system, designed to support the user in all manner of tasks.

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

Email us at: bill.willowe@gmail.com

The T29's HSK quick-change system works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

The T29 works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

You can use suitable CNC machining centre tools directly on the spindle moulder, relieving this machine from capacity-consuming traversing moulding tasks.

Complete control

Setting up one of these machines can be very time-consuming and a real challenge for a busy workshop.

However, the Martin T29 spindle moulder has an innovative, user-friendly control system, which lets users work highly efficiently and effectively, all thanks to its intelligent network.

The new ConnectControl system offers the possibility of managing your tool data from a central location typically the production planning department. This means that not just one machine, but all machines with access to ConnectControl technology, are updated with the latest data.

Reliable technology

Thanks to the T29 spindle moulders' tool conversion system, (which is integrated as part of the standard version), it takes no time at all to set up complex moulding patterns, especially those with tilted spindles.

This means that any user can efficiently and effectively make use of the large tilting range of 2 x 46° – and can follow your instructions perfectly.

Repeatability, process reliability and durability, combined with an intuitive, innovative control system is what makes the Martin T29 spindle moulder the perfect addition to any workspace.

Workshop efficiency

Thanks to integrated ConnectControl technology, every T29 can be networked quickly and easily.



During the set-up process, if a tool is accidentally moved on to a collision course with the machine, it will automatically detect the issue and warn the operator.



The T29's HSK quick-change system works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

ConnectControl is the umbrella term for the patented control concept that characterises the latest generation of formatting saws and spindle moulders from Martin.

It is because of this integration, that users can add further machines into the system, making it possible to control an entire workshop digitally.

Different machines can be taken into account from the project planning stage. The Cloud-based control system also ensures smooth and streamlined cooperation between several users.

*For further information tel 00 49 8332 9110.
Visit www.martin.info*



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The innovative control system, which is designed to support the user in all manner of tasks enables the machine to be used effectively and economically, allowing it to make a considerable contribution to increasing the efficiency of any joinery workshop.

CONSISTENCY, LABOUR SAVING AND LOW PRICE: THE GIBBS BRUSH DE-NIBBER - AND PROUD TO BE A BRITISH SUCCESS STORY

GIBBS Sandtech is aspiring for its own mini-industrial revolution, by taking the pain out of a manual, labour-intensive job: preparation sanding and de-nibbing.

The company's new computer-controlled automated de-nibbing "Cup Brush" machine is a clear winner, especially with a unit price "lower than the one member of staff's yearly salary".

Designed and built in Gibbs Sandtech's factory in the Hertfordshire countryside, the Cup Brush Sealer Sander is the culmination of almost 60 years' worth of expertise in manufacturing machines for the woodworking industry and has proved by far its most successful product.

The machine derives its name from the system of multiple rotating "Cup-Brushes" mounted on an oscillating carriage.

This simple system allows the Cup Brush to achieve 360-degree sanding, which is perfect for tricky items, such as traditional slab and Shaker doors, or window frames.

The abrasive fingers work their way into all the grooves and crevices, gently removing fibres and paint nibs much faster and more consistently than sanding by hand.

The machine even includes a roto blow bar on the outfeed, so panels come out dust free and ready to spray, saving yet more time and effort.

However, far from being a "one-trick pony", the Cup Brush machine is one of the most versatile machines on the market today.

For example, Gibbs offers a souped-up version of the Cup Brush with

stronger motors capable of wire brushing, perfect for distressing wood for a rustic look.

Incredibly, thanks to the 360-degree sanding from the Cup Brush system, you can enhance the grain running in multiple directions on a five-piece door in one pass.

Since the Cup Brush De-Nibber's inception eight years ago, well over 110 units have been sold worldwide.

From small family-run workshops taking their first foray into automated machinery to large multinationals looking to increase their production, the Cup Brush has found a niche with businesses looking for a cost-effective machine that does not compromise on capability.

This year has seen some exciting new developments as the fifth generation Cup Brush hits the market.

Almost totally re-designed from the ground up, the new model builds on the core strengths of the original design and takes an already capable machine to a whole new level.

A welcome new addition is the touch screen PLC. Users can now save and recall their settings to one of six programs, allowing them to achieve consistent results every time.

Brush changes are now even easier thanks to the re-designed chassis. Larger access doors and a rolling brush carriage that can slide out of either side of the machine enable clear access underneath the carriage.

If you're looking to automate your workflow, then a Cup Brush Sealer Sander could be just the right machine for the job.



For further information tel Gibbs Sandtech on 01920 822404.
Email: info@gibbsfinishing.com



HBS 400 DELUX BANDSAW 230V

ART NO: 5900410

- Max cutting depth 305mm
- Max cutting width. With/without rip fence 266/416mm
- Two cutting speeds 460/980 m/min
- Cast iron table & fly-wheels
- Quick bandsaw blade change.
- Bandsaw widths 6-25mm
- Optional mitre gauge included.



SSP £1599.99 INC VAT

(Normally PLUS VAT. SAVE £320.-)



FKS 315-1500 E

TILT ARBOR SAWBENCH PACKAGE 415V

+ 100mm max depth of cut + outrigger sliding table carriage w telescopic support arm + telescopic sliding length extn + table width & length extensions + 3 kW motor 415v

ART NO: 5900315

- Work table made of grey cast iron for low-vibration work
- Saw unit swivels up to 45 degrees, adjustment via handwheel with scale
- Telescopic stop can be swivelled by 45° on both sides and extendable
- Saw blade height adjustable via handwheel
- Cutting plane directly on the saw blade
- Standard table widening and extension allow easy work with larger workpieces
- Large aluminium parallel stop on round rod guide with fine adjustment



Search website for full specification

SSP £2499.99 INC VAT

(Normally PLUS VAT. SAVE £500.-)

ADH 31C

PLANER/THICKNESSER 230V (16 AMP)

+ 3 x HSS planing knives + 2200W motor 230v 16 Amp

ART NO: 5904031

- For angular joining (90°) and straightforward dressing of solid wood boards, planks and strips
- Simple and precise adjustment of the chip removal in dimensionally accurate thickness planing
- Automatic workpiece feed
- Easily adjustable aluminum dressing fence, tiltable from 90° to +45°
- Large dimensioned dressing table made of ribbed die-cast aluminum
- Large thick cast iron table with ground surface
- Integrated, foldable chip extractor hood



Search website for full specification

SSP £2299.99 INC VAT

(Normally PLUS VAT. SAVE £460.-)

TF190 E SPINDLE MOULDER 230V (16 AMP)

+ LED display + selector switch for L or R spindle rotation + triple pressure roller safety device + optional Sliding Table Carriage (not inc) 2800W

ART NO: 5901921

- Milling stop with finely adjustable aluminum stops
- Quick and easy changing of the speed using multiple V-belts
- Speed setting displayed by LED lights
- Large work surface thanks to the torsion-free grey cast iron table
- Selector switch for clockwise/counterclockwise rotation of the milling spindle
- Milling unit made of grey cast iron



Shown with optional sliding table carriage

Search website for full specification

SSP £1699.99 INC VAT

(Normally PLUS VAT. SAVE £340.-)

ZSM 405 WIDE BELT SANDER 230V

+ floor stand + transport wheels & lifting handles + 2000W motor 230v

ART NO: 5901405

- The ideal cylindrical sanding machine for ambitious DIY enthusiasts
- Continuously adjustable feed speed of 0 - 3.5 m/min for optimum sanding results
- The sanding unit is adjusted quickly and precisely to the workpieces by height adjustment crank and scale
- Standard with connection for suction device



Search website for full specification

SSP £999.99 INC VAT

(Normally PLUS VAT. SAVE £200.-)

UNTHA OFFERS COMPLETE SOLUTIONS FOR WOODWORKING AND TIMBER PROCESSING

UNTHA shredding technology offers a range of tailor-made solutions for woodworking and timber processing businesses that reflect individual circumstances and requirements.

In addition to providing classic shredding solutions, the company has also positioned itself as a one-stop-shop for system solutions for woodworking and timber processing businesses.

Untha wood shredders may be combined with all the necessary peripheral devices, thereby ensuring the gentle and energy-efficient transport of the shredded material.

The Untha range includes feeders and conveyor belts, discharge screw augers and other devices that may be customised to fit the on-site requirements and the desired throughput of the shredder.

Thanks to its wide product range and complete solutions, Untha is able to offer the right shredding system for any required profile.

Shredding residual wood that contains screws and nails is no big deal for Untha wood shredders. However, metal residue in wood chips may damage downstream equipment, or cause a higher wear rate.

In order to remove metal parts from the material, a range of metal separators is available to complete the chosen conveyor solution.

By way of ensuring that the separation of metal is efficient, conveyor belts may be equipped with a magnetic separator at the pulley.

Pipe magnets are primarily used in applications where the shredded residual wood is transported via an extraction system.

Tilting containers, or bucket wheel loaders, usually cope well with small cap pieces and residual wood. However, their feed opening is not sufficient for guaranteeing the safe feed-in of long stacks of panels and pallets.

A hydraulic tilting table may be the solution: it allows for the horizontal feed-in of long, unwieldy panels by means of a fork-lift.

The material is placed on the tilting table and then tipped into the cutting chamber for shredding.

Untha shredders are available in the UK from IMA Schelling UK Ltd.



The Untha LR1000.

For further information tel IMA Schelling UK Ltd on 01937 586340.
Visit www.sales.uk@imaschelling.com

TROTEC OPENS LASER DEMONSTRATION FACILITY IN THE SCOTTISH CAPITAL

TROTEC Laser has strengthened its UK operations with the opening of a brand-new laser showroom in Edinburgh.

The laser cutting systems manufacturer opened the new demonstration room in Newbridge, following the decision to relocate from Stirling earlier this year.

The new facility provides a larger space to accommodate a wider range of Trotec's laser cutters, engravers, marking systems and materials.

The demonstrations offer a unique opportunity for business owners and

equipment specifiers to receive tailored advice and inspiration to support their buying decision when looking to invest in laser equipment.

Trotec offers a one-to-one demonstration experience for visitors to trial and test a variety of laser cutting and engraving equipment, using different materials and designs.

'I am looking forward to supporting businesses with laser training and advice from the new unit. We've kitted it out with a wide range of Trotec lasers and a whole host of product displays and samples to inspire and inform prospective buyers,' says Trotec's area manager for Scotland, Chris Green.

'We aim to support our customers throughout the buying experience. This starts with showing them the differences between laser sources, features and functions, so that they can make an informed decision about which system is going to meet the needs of their business now and in the future,' he adds.

Trotec has six showrooms across the UK and Ireland providing highly tailored demonstrations, which include return on investment calculations, quality testing and time trials across a wide range of laser systems.

During their time at the showroom, visitors can preview and test Trotec's range of engraving materials, from plastic laminates, woods, acrylic and metals.

For further information tel Trotec on 0191 580 1182.
Visit www.troteclaser.com



VISITOR REGISTRATION FOR MATERIALS & FINISHES SHOW 2024 GOES LIVE

THE organisers of Materials & Finishes Show (formerly W Exhibition) have announced that visitor registration for the re-launched UK trade show for the furniture manufacturing and joinery industries is now live!

The event, which has over 50 years of heritage, returns to the NEC in its new and re-invigorated format from May 19-22, 2024.

Materials & Finishes Show, which is part of Montgomery Group's global event portfolio, will bring the UK's furniture manufacturing and joinery industries together for the first time since 2018 when it returns next May, having undergone an extensive period of research and development.

The trade show is the primary platform for carpenters, joiners, machinists and installers to see running woodworking machinery and machinery for working with stone, together with the latest materials, components, software, tools and innovations for the woodworking sector.

Visitors will have the opportunity to see running machinery, together with components, materials, technology and services for the manufacturing and processing phases of materials, alongside the latest products and developments for finishes at the event.

The stellar line-up for the event includes the likes of RJ Woodworking Machinery, Vertongen, AMS/ Wadkin Bursgreen, Hanex, Hraniprex, Rubio Monocoat and Mundy Veneer, with new brands joining the line-up weekly.

Alongside networking with the entire industry under one roof, visitors to Materials & Finishes Show will be able to see thousands of the latest products on the UK market and speak directly to leading manufacturers and suppliers for the woodworking sector. A new live demonstration zone will allow visitors to see many of these products in action.

'The countdown to Materials & Finishes Show is officially on and we are delighted to announce the visitor registration is now live,' says event director, David Todd.

'This is the first time that the UK furniture manufacturing and joinery industry will have had the opportunity to come together since 2018, which presents a huge opportunity to see all of the latest developments in products and processes that have progressed in this time,' he adds.

'Alongside this, we have been working hard behind the scenes to develop new and exciting features that will add real value to visitors who make a trip to Materials & Finishes Show, from the new CPD certified learning programme through to our live demonstration area.

'We're excited to make further announcements about the new features and partnerships over the coming weeks,' he concludes.

Visitors will be able to benefit from over 40 hours of CPD certified learning content, which will be delivered on the new seminar theatre.

Visitors can expect to attend sessions covering the latest industry topics, delivered from industry, experts from dust extraction and sustainability, through to content designed to help the drive more leads and operate more efficiently.

Materials & Finishes Show hopes to attract buyers from every corner of the industry, from furniture and joinery manufacturers and designers right through to retailers, the KBB market, carpenters, joiners and worktop fabricators.



For further information tel Jess Hardisty on 0787 154 4330.
www.materialsandfinishesshow.com Email: jess.hardisty@montgomerygroup.com

ONLINE AUCTION

On the Instructions of a Retained Client
 Piecemeal (Subject to Conditions of Sale and unless sold previously)

**Quality Furniture
 Production Machinery Incl.
 CNC Machining Centres
 Edgebanders & Traditional
 Woodworking Machinery
 Air Compressors**

Online bidding and photographs via sw.co.uk/auctions



- **Biesse** Rover B FT 2231 CNC Nesting Line (2015)
- **Biesse** Akron 1445B CNC Single Sided Edgebander (2016)
- **Schelling** FM-H 430/410 CNC Auto Load Beam Saw (2005)
- **Weeko** Vantage 100/710 Jumbo CNC Machining Centre (2011)
- **Brandt** KDF220 Highflex Single Sided Edgebander (2013)
- **Omal** Insert Multi CNC Borer & Insertor (2004)
- Two **SCM** Minimax AD21 21 Spindle Vertical & Horizontal Drills (2015 / 2019)
- **SCM** SI 400N & **Magic** Mastercut M45 Panel Saws
- **Wadkin** EQ Spindle Moulder
- **Wadkin** BRA Crosscut Saw (recon 2019)
- **Omga** T55 Bench Top Mitre Saw
- **DCS** MK4M Four Bag Dust Extraction Unit (2019)
- **DCS** MK3M Three Bag Dust Extraction Unit (2019)
- **Kaeser** HPC SK22T Air Compressor (2016)
- **Kaeser** HPC SM11 Plusair Air Compressor
- **Boge** SD8 Air Compressor
- **Worthington** Rollair 1500T Air Compressor
- **OMI** Air Drier
- Racking & Office IT Equipment

Bidding: Closes 11am Tuesday 5 December 2023

View: By appointment on Monday 4 December 2023

At: Leeds, Skipton and Warwick. See catalogue for locations.

Any person wishing to access site must have full PPE. Failure to comply with the above is likely to result in refusal of access.

SW Sanderson
 Weatherall

0113 221 6210
auctions@sw.co.uk

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

Email us at: bill.willowe@gmail.com

ASTRID ARNOLD IS CROWNED SCREWFIX TOP TRADESPERSON 2023 & WINS BIG!



ASTRID Arnold, a carpenter from Newton Abbot in Devon, has been crowned top of the trades!

Astrid impressed the judges at the final with her technical skill and carpentry craft combined with her valuable work helping disadvantaged women improve their DIY skills and better their lives.

Astrid will receive the ultimate £20,000 trade bundle including tools, technology and training to help further her business.

In one of the most hotly contested finals yet, Astrid Arnold, a Devon-based carpenter, was announced as the winner of Screwfix Top Tradesperson 2023, proving herself as an exceptionally skilled tradesperson with a passion for helping others.

Astrid, 48, was presented with the award - one of the industry's most coveted titles in September.

The carpenter walks away with the prestigious title and ultimate trade bundle worth £20,000, consisting of £10,000 worth of tools, £5,000 worth of technology and £5,000 towards future training.

Astrid wants to use this to further existing training programmes that her company, TouchWood South West, currently runs for disadvantaged women in her local community.

Taking part in the final against nine other high-calibre tradespeople from across the UK, Astrid faced a panel of esteemed industry experts.

Despite being up against the very best of the trade industry, Astrid was a stand-out winner, with her incredibly technical and stunning carpentry work, her focus on sustainability within her business, as well as her passion for supporting women with trade skills.

The judges noted Astrid's technical carpentry skills, but also her unbeatable customer service - two key attributes for any top tradesperson.

Astrid has completed a range of personal and professional development courses to support the growth of her business and improve customer service, as well as a course in the use of CAD to improve the work she can offer for her customers.

Outside of Astrid's practical skills, the judges were particularly impressed by the broader contribution she has made to the trade industry.

Astrid's company, TouchWood, is a team of tradeswomen that teach a wide range of courses for up-and-coming tradespeople, as well as for DIY-ers, alongside its offering of traditional carpentry services.

The firm has also been involved in several charitable initiatives, that particularly support women in the industry, including supporting women who are survivors of domestic violence, starting an initiative called "Women Build!" alongside the probation service.

"Women Build!" helps women who are unemployed, or on probation with



Astrid Arnold, 48, from Newton Abbot in Devon, owns TouchWood South West. She has been working in the trade for 23 years and is involved in several charitable initiatives.



In one of the most hotly contested finals yet, Astrid Arnold, a Devon-based carpenter, was announced as the winner of Screwfix Top Tradesperson 2023, proving herself as an exceptionally skilled tradesperson with a passion for helping others.

their mental health through carpentry and woodworking, to support them in not only learning a new skill, but helping them develop a path forward for the future.

'I am still in complete shock. After meeting the other finalists and getting to know their stories, I knew the competition would be fierce. Since winning, they have all been so supportive and I just couldn't be prouder of this recognition for me and my hard-working team,' says Astrid.

'The construction industry is currently facing huge challenges from the skills gap to massive sustainability targets set by the Government. With only 4 per cent of women in manual trades, it's clear to me that, with the right support, women have the potential to tackle these challenges.

'Winning this award provides visibility for every female tradesperson in the UK and Ireland, highlighting the contribution we are currently making and the potential we have to make in the future.

'I will be using the prize bundle to grow the current training courses we have. I also would like to invest in our work in secondary schools, as I'm passionate about integrating practical skills into the national curriculum and giving young people a chance to explore the incredible opportunities a career in the trade can provide.

'I'm so excited to upgrade the tools and training we currently offer; my students are going to be over the moon!' she concludes.

'It has been an absolute pleasure to meet the inspirational tradespeople, who are demonstrating excellence in the work they produce for customers and the support they are giving to the next generation of the trade,' says managing director at Screwfix, Jack Wallace.

'This year, we saw that our tradespeople are also giving back to their local communities in extraordinary ways - from free boiler installations to those in need, nurturing apprentices in their early careers, to the work Astrid is doing to help people develop these important skills to improve their lives.

'All 10 of our Screwfix Top Tradesperson finalists were exceptional this year, but Astrid really blew the judges away with her passion for the industry, her strong work ethic and drive towards making the industry more sustainable, more diverse and more visible.

'Astrid's attention to detail in her carpentry, ability to use her skills and knowledge to do good and aspirations for increasing awareness of trade skills with young people is reflective of our values as a business.

'I'm delighted to crown her as our 2023 winner and I know she will be an incredible ambassador for us and the wider construction industry,' concludes Mr Wallace.

For further information visit [screwfix.com/stt](https://www.screwfix.com/stt).

UNIQUE KNOT-FILLING SYSTEM IDEAL TO RESTORE DAMAGED WOOD

THE Knottec system is a fast and efficient way to repair knot defects and other forms of deep wood damage. The product is fully endorsed by Bairds Windows Ltd.

'Knots and deep scratches in wood can be filled quickly and easily using this special knot-filling product that is applied with a 12mm Tec hot-melt glue gun. We would highly recommend this product,' proclaims production director at Bairds Windows, Malcolm Baird.

Bairds Windows provides a range of timber windows, doors and conservatories manufactured from soft wood, hard wood and Accoya, as well as PVC-u.

The company switched from repairing knots and damage using a two-part filler to using the Knottec knot and wood repair filler.

The filler proved the superior choice, because it does not sag into the screw holes and, once cleaned off, the product does not require much sanding, thus saving valuable time.

Once the damaged area has been filled, the Knottec knot-filling adhesive takes just minutes to cool before the excess can be trimmed with a flush plane tool, such as the Mouseplane.

The repaired area can then be sanded, painted, or treated as normal, achieving a high-quality finish to the restored wood.

Due to its tough characteristics, Knottec is ideally suited for repairing wooden doors, window frames, furniture, floors and much more.

Knottec® is suitable for both general applications, where a fast setting, easy-to-trim and easy-to-sand product is required, as well as for applications where a tougher, hard-wearing product is required, e.g., repairing laminate flooring.

This repair process for knot defects and other forms of deep wood damage

can now be used with the fully portable battery-run B-tec 308 and 808 glue guns, as well as the standard mains-powered Tec 12mm glue guns.

The Knottec product is available in 17 different colours to help users achieve the best colour match possible.

A selection of wood repair accessories is also available, including a handy colour-matching swatch to help find the best colour match for a professional finish.

The Tecbond range of adhesives is used across many applications within woodworking, assembly and joinery operations – including for flooring, caravan, insulation, mattress, upholstery, foam bonding, granite worktop fitters, V-Groove, kitchen manufacturers and installers, window and door manufacturers, coffin and casket manufacturers – with ever-growing possibilities for instant bonding hot melt adhesives.

For further information tel 0161 627 1001. Visit www.gluegunsdirect.com



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C&C FABRICATIONS ANNOUNCES SIGNIFICANT EQUIPMENT INVESTMENT AS THE COMPANY CONTINUES TO GROW

YORKSHIRE-BASERD C&C FABRICATIONS, a leading steel fabrication specialist in the UK and recipient of the Business of the Year 2023 award has announced its latest investment – the Loewer SwingGrinder three-phase deburring and edge rounding machine.

This is the latest addition in an ongoing series of industry-leading investments as the company continues to adapt to ongoing growth.

The new machinery has seen the business significantly improve its speed, precision and efficiency.

The Loewer Swing Grinder represents a significant advancement in metalworking technology, enabling C&C Fabrications to deliver top-tier solutions across a wide array of sectors, including warehousing and logistics, retail, commercial, industrial and engineering at an even more impressive rate.

This latest investment from C&C is yet more evidence of the company's commitment to excellence and innovation, as the new SwingGrinder provides the business with an array of benefits.

These include unmatched and enhanced speed and precision, a user-friendly design to boost efficiency, increased versatility and a safer and cleaner workspace.

'This new investment will play a vital role in enhancing our product quality, workforce efficiency and enables the future expansion of C&C Fabrications,' says owner and managing director, Chris Wallage.

'We've made a series of investments in cutting-edge machinery to ensure the delivery of top-tier products and services to our clients that will see C&C remain at the forefront of our industry for years to come,' he adds.

As C&C Fabrications continues to redefine steel fabrication, this strategic investment showcases their ongoing dedication to innovation and excellence.



For further information
visit www.candcfabricationsltd.co.uk.

CREATIVE EDGINGS WITH INDIVIDUAL DESIGN

AT OSTERMANN, carpenters and cabinet-makers can now obtain ABS furniture edgings with a creative decor of their choice. These are supplied within the shortest delivery times and in small amounts.

The Ostermann edging range is now becoming even larger, with its new offering of ABS edgings with an individually definable decor. The ABS edgings are supplied in thicknesses of 0.4mm, 1mm and 2 mm.

As extensive as the Ostermann range is, for some particularly extravagant decors, there has been no suitable ABS edging. In the past, such a case would have called for a plain edging, or an aluminium edging.

Today, individual decors offer new solutions. Customers can define the edging's decor themselves and obtain their individual design in the required dimension.

The new service makes even the most creative design ideas a reality. For example, the concept of concrete on top and walnut below could be translated into a piece of furniture with a concrete look board on top and a walnut front below. The results are unique pieces of furniture, individually

constructed by a qualified carpenter.

Another possibility is to depict realistic photographs, logos, or specified corporate colours on the edging. Here the sky is the limit for creative craftsmen.

For further information visit www.ostermann.eu



Not just in shop fitting applications, edgings with individually defined decors offer new opportunities for furniture making.

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

Email us at: bill.willowe@gmail.com

WOOD-MIZER MS750 PANEL SAW DESIGNED FOR PROFESSIONAL PANEL SIZING AND WOOD CUTTING

WOOD-MIZER is expanding its woodworking range with an advanced panel saw designed for cutting various panels, wood sheets and solid wood slabs.

The MS750 features a robust cast-iron cutting unit, a scoring saw blade and an aluminium sliding table. The machine has been developed for carpentry workshops and furniture manufacturers who search for more effective ways of precise sizing and cutting various wood materials.

It has been designed by European engineers using the knowledge and experience of carpenters and woodworkers using various types of panel and format saws daily.

The machine is built around an integrated cast-iron cutting unit with a 6 kW main motor and a separate 0.75 kW motor for undercutting. It has a convenient aluminium sliding table, allowing all standard operations to cut full-size panels.

The cutting unit is installed on two cast-iron slides of the machine's steel body, allowing for accurate cutting height and angle adjustment. The construction of the cutting unit is based on a short main spindle and a belt transmission.

Replacing the circular saw blade with a maximum diameter of 400mm is quick and easy, due to the tool-less mounting system "Rapid."

The MS750 panel saw with a solid steel body is highly rigid and resistant to vibration and deformation. The sliding table system is fixed permanently to the machine's body with four nabs allowing for stable operation.

The cast-iron work-table is mounted on four supports for easy adjustment against the aluminium sliding table. At the bottom of the steel body is a mechanism for levelling the machine and installing the anchors.

Cast iron used for manufacturing Wood-Mizer MS750 is forged and machined in Europe. It is an ideal material for building worktables, cutting units and woodworking machinery. It increases the construction's stability and rigidity and resistance to vibrations during operation.

The design of the sliding table is set on a highly rigid multi-chamber anodised profile. The table is stabilised by means of 12 guiding rollers. The table moves on four ultra-hard steel rods, with the fifth additional rod strengthening the construction from the outside and providing the mount

with a cross ruler. Covers and sweepers are installed on the sliding track to secure it from sawdust and debris.

Precise cutting measuring is possible with electronic readers mounted on vertical and horizontal rulers. The readers allow for highly accurate and consistent material sizing and cutting; additionally, they feature a function of absolute measurement.

From the control panel of the MS750 panel saw, the operator can access the main saw blade switch (also accessible from the trim panel placed on the edge of the table, next to the operator's hand), the scoring blade switch, the slow/fast main blade pull-up, the switch for electric adjustment of cutting height and saw blade tilt, LED lights indicating the operating speed and the emergency stop button.

For the operator's increased safety, the MS750 panel saw has been fitted with the central saw blade shield made of high-performance plastic, rollers for feeding the material and a height adjustment mechanism with a small shock absorber. The guard also protects the operator with the blade tilted at 45 degrees.

There are two extraction ports for efficient sawdust removal – the first is 125mm wide and located directly in the cutting unit. The other is 100mm wide and placed on the shield arm. It is recommended to use a Wood-Mizer MES dust collection system for increased performance with all woodworking machines.

The Wood-Mizer MS750 is manufactured entirely from premium quality materials and components by European factories—the original design and advanced production process guarantee trouble-free operation.

For the highest efficiency and best performance in cutting various panels, MDF boards, wood sheets and solid wood slabs choose the circular saw blade from the Wood-Mizer Tools catalogue.

The catalogue offers a wide selection of professional saw blades for panel sizing and scoring, solid wood ripping and crosscutting, perfectly complementing the woodworking range.

For further information tel Wood-Mizer on 01622 813201.
Visit <https://woodmizer.co.uk>



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