

PANEL, WOOD & *Solid Surface*

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Putting service first with Makita UK



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Fast return on investment in wood waste heater

A MANUFACTURER in Kent has purchased a new wood waste heater from Wood Waste Technology to save money on waste disposal and heating.

Cribbit Kitchens & Interiors in Ashford specialises in the manufacture and supply of kitchen, bedroom, bespoke storage and furniture products.

Chris Fairbairn, managing director at Cribbit Kitchens & Interiors, started to do some research into purchasing a wood waste heater, realising it could save the company money on waste disposal whilst providing free heating for his 2,000 ft² workshop.

Chris started talking to Kurt Cockroft, managing director at Wood Waste Technology, about wood waste burner options, and decided that a WT5 with its double-pass heater exchange would be the best option for his company.

However, it was his purchase of a new edge bander for the workshop that prompted him to place the order. Chris explains: "When the new edgebander was delivered, I was informed that it worked best in

a warm room, not lower than 12° Celsius. At the time, there was no heating in the factory, so it gave me the incentive I needed to order the wood waste heater I'd been considering! It was an easy decision to make, as the business generates quite a lot of waste wood, including chipboard and MDF, in addition to the delivery pallets that we always needed to dispose of. Once I crunched the numbers, investing in a wood waste heater just made sense, as there was a good return on investment."

The heater was installed into Cribbit Kitchen & Interiors' manufacturing unit by Wood Waste Technology's experienced engineers, who also vitted a summer heat dump to allow the wood waste heater to be used throughout the year, by sending the heat to atmosphere in the summer months.

Chris says: "In hindsight, having now experienced life with a wood waste heater, I wish I'd ordered one sooner! The heater makes the workshop lovely and warm, and I'm saving hundreds of pounds each month on waste disposal bills. In fact, the return on invest-



ment in the wood waste heater was actually quicker than anticipated, so I'm really pleased we took the plunge and invested when we did. In addition, being able to instantly dispose of the waste helps keep the workshop tidier, rather than us having to store all the waste wood until it could be disposed of. The whole process has been hassle-free, from getting a quote to the installation and delivery. We would highly rec-

ommend the products and team at Wood Waste Technology!"

Kurt Cockroft says: "Whatever the primary reason for purchase — heat or waste disposal, a wood waste heater is a cost effective and productive solution for companies that generate waste wood, and some companies get payback on investment in less than 12 months."

Wood Waste Technology

Tel 01785 250400

www.woodwastetechnology.co.uk

Supporting grass roots football

THE SOUTHAMPTON branch of Covers Timber & Builders Merchants will be sponsoring local football team AFC Taunton for the 2021/22 season, while the Portsmouth branch will be sponsoring local football club, Moneyfields FC.

Matt Kiloh, Yard Assistant at Covers Southampton who plays for AFC Taunton, said: "The players and I really appreciate Covers becoming the new sponsor for AFC Taunton as we go into our fourth season. We got promoted in our first season, then our second season saw us win the division 6 and get into the semi-finals of the cup, but we sadly couldn't play due to COVID. We finished mid table in our third season, so with the support of Covers we hope to have a successful fourth season too."

Mike Sheath, depot manager of Covers Southampton, said: "It is an absolute pleasure to support AFC Taunton and we wish them every success as they enter their fourth season."

Moneyfields FC is currently in the early stages of building a new stadium, which will be named the John Jenkins Stadium in honour of John Jenkins, a local D-Day veteran. Mr Jenkins was well known in the area and sadly passed away in 2019 at the age of 100. As part of the sponsorship agreement, Covers' brand will be displayed around the stadium, including at the pitch side, in the dug outs and at the entrance to the grounds. Alongside this, Covers will be sponsoring two of Moneyfields FC's players — Tyler Moret and Elliott Turnball.

Pete Shires, vice chairman of Moneyfields FC, said: "We are thrilled to have Covers on board and thank them for their generous support."

Dale Lambourne, depot manager of Covers Portsmouth, added: "Supporting local community groups and getting involved with sport at a local level is very much in our DNA at Covers, so we are delighted to be sponsoring Moneyfields FC. We wish the team the very best of luck for the coming season and we look forward to seeing the new stadium build progress."



Covers Southampton sponsors AFC Taunton.



Covers Portsmouth to sponsor Moneyfields FC.

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Combilift's 60,000th truck delivered

THE IRISH manufacturer Combilift recently marked a further milestone when its 60,000th unit came off the production lines at the company HQ in Monaghan and was shipped to the other side of the world. The company taking delivery of this special forklift is Metroll, a leading Australian manufacturer and supplier of steel building products including roofing, cladding, rainwater, structural and fencing.

Metroll has branches across the country, and the new Combi-CB3000 will be a further addition to its fleet of 13 Combilifts that are operating throughout the Metroll Group, with another 10 already on order. These range from 3 t multi-directional units to a highly customised 10 t model.

Combilift number 60,000 will be working at the site in Toowoomba and has been fitted with features such as 4.9 m triplex mast with a 3,050 mm spreader to safely and easily manage the long loads that are typically handled by Metroll.

According to Metroll operations manager Vic Josephs "Like most businesses we are very busy and we're also growing at a significant rate, so space has become a premium resource. With this unit we can utilise our space more efficiently whilst at the same time operating safely. Safety is of paramount importance. This forklift allows our machinery to get into tighter spaces and for us to space our racks more closely together to maximise factory floor space."

Combilift CEO and co-founder Martin McVicar commented: "This is a great achievement for Combilift, particularly as almost every truck we manufacture is a one-off, designed for specific and individual requirements. There are very few other companies, if any, that can offer this level of customisation whilst manufacturing in such volume. The first half of this year has been by far the best in our 23 year history for the number of



orders we have received — not just for Combi-CB models but across our complete product range."

Chris Littlewood, country manager of Combilift Australia, said: "The Combi-CB 3 t model is the most popular unit in the Australian market and accounted for 50% of the machines we sold in the year ending March 2021. So we are particularly pleased that it is one of our customers in this country that has been able to receive this landmark machine."

Following the successful collaboration with Metroll in Australia, Combilift now also supplies its trucks to the company's Californian based operations too. "We have often found that a recommendation from one country leads to sites elsewhere adopting the same material handling processes with our products," said Martin McVicar. "So we'd like to congratulate Metroll on taking delivery of our 60,000th truck, and thank them for their continued support over the years."

Combilift ● www.combilift.com/60000
Metroll ● <https://www.metroll.com.au>



Putting service first with Makita UK

IN A MOVE that reaffirms its commitment to delivering outstanding customer service, leading power tool manufacturer, Makita UK is delighted to unveil its new Factory Service Centre (FSC) in Blakelands, Milton Keynes.

Makita UK has relocated its Milton Keynes Factory Service Centre site (located at the company's headquarters) to a new, larger location to house regional servicing activity.

The new 20,000 ft² premises in Blakelands will enable Makita to bolster its customer repair and service support commitments and completes a portfolio of three dedicated centres in London, Glasgow and Milton Keynes.



Makita's Factory Service Centres deliver an exceptional service and repair offering for end-users. Products covered under the company's warranty agreement can be posted (by arranging a collection) or dropped off (with prior booking), at each FSC for Makita's technical experts and engineers to perform product servicing, detailed diagnostics and high standards of repair work when needed.

With a focus on improving levels of technical knowledge across the construction sector, the new larger premises in Blakelands will also be used to host Makita UK accredited service training, as well as Authorised Service Agents (ASA) workshops and seminars.

Furthermore, Makita will use the new site to host apprenticeship training sessions focusing on the electrical and mechanical service requirements of Makita tools.

Speaking on the FSC opening, Tony Coleman, technical manager at Makita UK commented: "Opening this new, larger site is testament to the growing popularity of our tools, as well as our long-lasting commitment to delivering exceptional customer support. We're now in a better position than ever to deal with service and repair demands, as well as to promote high-quality industry training."

"The spacious new centre also provides us with ample opportunities to continue growing our operations as we look to develop into new sectors and industries."

All three of Makita's FSC sites are currently following COVID-19 guidelines and customers are advised to follow the most up-to-date guidance on arranging servicing or repairs, published on the company's website.

Makita UK

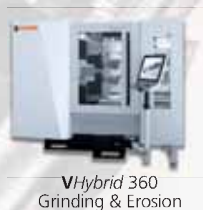
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Popular panel products choice for furniture

CONSISTENCY and quality are essential attributes of materials used in producing high volumes of domestic and commercial furniture. Add to this the need for materials and processes to be sustainable and, unsurprisingly, West Fraser's CaberWood MDF and SterlingOSB Zero are among the most popular panel products used in the furniture industry.

The term 'furniture' embraces a wide range of items, but all have factors in common when it comes to the panel products used. Notably, these must have a high-quality surface, be strong and have consistent density, resist impact, have good machining properties and accept fasteners securely.

Embracing all these properties, West Fraser's comprehensive five product CaberWood MDF range is designed as an economic alternative to hardwood, but without the inherent defects of knots or grains. CaberWood MDF may be used for carcassing and framing as well as for high quality facias, including door and drawer fronts. Conse-

quently, it is employed in the manufacture of everything from chairs, tables, cabinets, bed frames and wardrobes to kitchen and bathroom furniture.

CaberWood MDF offers stability and consistent density, ensuring panels can be sawn, drilled, shaped and routed cleanly and easily with hand or machine tools. The smooth surface finishes are ideal for painting or the application of paper foils and veneers.

For general-purpose applications, CaberWood MDF Trade is a

versatile, lightweight board that holds screws and fastenings securely. CaberWood MDF Trade MR offers the same benefits but with the added advantage of moisture resistance for occasionally wet or humid environments.

Where there is a need for premium quality and detailed working, CaberWood MDF Pro provides incredibly consistent density, ensuring cutting and routing need minimal finishing. CaberWood MDF Pro MR offers the further benefit of moisture resistance.

The ultimate product in the range is CaberWood MDF Industrial which is moisture resistant and designed specifically for the production of high-grade furniture and fittings. It is ideal for deep routing and its consistent close-grained texture ensures clean edges and surfaces that will take advanced finishing techniques.

Complementing CaberWood MDF, West Fraser's SterlingOSB Zero is increasingly employed in furniture manufacture, particularly for shelving and couch frames. It is stronger and tougher than ply, with no knots, voids or de-lamination. SterlingOSB Zero is believed to be the first OSB product to be made in the UK with zero added formaldehyde, so it is a 'greener' board that meets all standards with ease.

Free samples of all CaberWood MDF and SterlingOSB Zero products can be ordered from the company's website. Product and technical support is available through dedicated advice teams.

West Fraser
Tel 01786 812921
<https://uk.westfraser.com>



CaberDek flooring selected by Apache Carpentry

WHEN SOMERSET-based Alan Williams of Apache Carpentry was asked by local housebuilder, Rob Case Ltd, to work on a development of three high-end residential properties near Winsham, Somerset, he knew just the product to call on for the flooring. "We chose CaberDek because it is such a reliable and easy to use product at a competitive price," said Alan.

Having expertly constructed the timber framework, Alan used CaberDek on top of the joists on the first floors of the three buildings. "We like to use CaberDek because it does exactly what it needs to and the preciseness of the product leaves a better finish and cuts down on installation time," explained Alan.

Taking care to space the joists with the board sizes in mind, and using CaberFix D4 adhesive, Alan finds he gets great results every time!

"One of the things we really like about CaberDek is the peelable film on the boards. This makes it so much easier when it comes to second fixing and laying floor coverings as it allows the usual building site dirt like drops of paint and plaster to be removed leaving a brand-new surface underneath. We will be using CaberDek on our future flooring projects," said Alan.

CaberDek, part of West Fraser's CaberFloor range, is designed to withstand the elements for up to 42 days between laying the floor and fixing the roof, when installed according to manufacturer's instructions. Samples of CaberDek, and West Fraser's other construction panels, can be ordered on the website. Head to the housebuilder page on the website to download a selection of tools including a fully-interactive guide to all West Fraser products and a

checklist to make sure you have everything you need for your build.

All West Fraser panel products produced in the UK are net carbon negative and manufactured in mills that have obtained the coveted environmental ISO 14001 accreditation. Responsibly sourced, the panels are FSC certified and created from locally grown timber, cutting embodied carbon from transportation.

West Fraser ● Tel 01786 812921 ● <https://uk.westfraser.com/>
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Commercial cabinet specialist Dover Cabinet Industries reduces

HIGH STANDARDS are the not-so-secret ingredient in the recipe for success that has kept commercial cabinetry specialist Dover Cabinet Industries thriving for more than 30 years.

Founded in Dover, Ohio, the company has produced custom architectural casework and millwork since 1985, building a long-standing reputation for unparalleled quality. Dover has made a name for itself in a region recognised for top-notch woodwork by upholding high production standards and implementing the technologies needed to remain competitive in an evolving manufacturing landscape.

"Our mission is to ensure our customers' satisfaction by maintaining the strictest of manufacturing standards," says vice president — product design, Justin

Perkowski. "We will complete your project on time and in-house with industry-leading machinery and software. We're not satisfied until the customer is satisfied."

Pride in traditional craftsmanship has long been a staple at Dover, which integrated CNC machinery several years before pairing it with production software.

The company purchased the Cabinet Vision Screen-to-Machine™ (S2M) and Alphacam computer-aided-manufacturing (CAM) solutions in 2013 to simplify and optimise production by "combining the process of designing and cutting cabinet parts," Mr Perkowski explains.

Dover paired the new software with machinery acquired from SCM Group, including a Prativ N machining centre, a Morbidelli flat-



table and five-axis routers, and a Gabbiani beam saw. The company, which employs a staff of 25, also installed a Flexstore material-handling area for even greater efficiency and paired it with Cabinet Vision.

Prior to integrating Cabinet Vision and Alphacam, Dover used a computer-aided-design (CAD) system to draw its projects and, because the CAD system was unable to generate NC code and send it to the shop floor, jobs were programmed on the machine. Implementing the two new solutions meant that a time-consuming redundant step was eliminated, as toolpath is generated and applied to projects designed in both Alphacam and Cabinet Vision.

"Before, the process involved drawing in CAD and then sitting down and creating each part through an on-machine CAM program. Now, this is all done at the same time," Mr Perkowski says. "From the time we create an elevation and cabinets, we are minutes away from having the parts to the machine. At the low end, we have reduced the time it takes to design and program projects by more than 30 per cent — but it's probably even more."

The integration of machinery and software has enabled Dover to increase efficiency while maintaining construction standards for its range of commercial projects, including those for hospitals, medical centres, assisted-living facilities, restaurants and more.

The company utilises Cabinet Vision for all of its cabinet production, while Alphacam is used for one-off projects and particularly those with complex shapes.

"Our focus is boxes, but our custom area and solid surface department can get into some fairly complex units," says Mr Perkowski, who performs the majority of design work at Dover. "We are prepared for anything thrown our way. Our attention to detail is second to none, and we are constantly checking our machines and testing calibrations to ensure our products exceed industry standards."

In addition to optimising the design-to-production process, the implementation of CNC software has simplified the process of creating shop submittals. Designs drawn in Cabinet Vision can be used to generate shop drawings and renderings that easily communicate important project details.

As detailed Cabinet Vision designs provide the basis for produc-

time devoted to get from design to production by at least 30%

tion, the system makes it easy to nest parts with the click of a button when a design is complete. The solution's S2M Centre creates efficient nests designed to maximise material yield, and is capable of communicating with an array of shop-floor machinery, as well as defining multiple sheet sizes per material type.

"Any error made is now made at the computer before any parts are touched," Mr Perkowski says. "Three-dimensional models in Cabinet Vision and the ability to see the nest simulated in S2M enable the user to find mistakes without costing time and material. We have never quantified it, but I am sure that our material waste is less."

The vast majority of parts cut at Dover are automatically nested, though Mr Perkowski and his team retain the ability to edit automatically-generated nests if needed. Utilising the software's nesting capabilities has boosted overall efficiency and enabled the company to process more jobs at once without sacrificing quality. "We nest as much as possible, so 95 per cent of our production is nesting," Mr Perkowski says.

To standardise production by consistently applying preferred construction parameters, Dover takes advantage of Cabinet Vision User Created Standards, or UCSs. A UCS is a custom production standard established by a Cabinet Vision user that can be saved and automatically applied when applicable. UCSs can be written by users or by Cabinet Vision staff, and allow Cabinet Vision users to adjust the functions of the software so that it conforms to their unique preferences. "We use many UCSs, some to alter parts, others to apply hardware, and they are very useful. Some came from integration and others from the Cabinet Vision customer support forum, as I have not yet ventured in USC creation myself."

Mr Perkowski notes that customer support for both Alphacam and Cabinet Vision is reliable, especially with the establishment of an online customer portal. "My first search is normally on the e-support forum and, if my answer can't be found there, I submit a query through the online portal," he says. "In a timely fashion, I am contacted by support and it is rare to not have the issue fixed in that session."

Alphacam ● Tel 0118 922 6677 ● www.alphacam.com
Cabinet Vision ● Tel 0118 922 6644 ● www.cabinetvision.com



AAG expands range of special-purpose routing/cutting tools

TWO NEW ADDITIONS to the range of special-purpose routing/cutting tools supplied by AAG via its CNCShop E-commerce division comprise different versions of the latest solid carbide 'O' series of single-flute spiral tools manufactured by Amana. As with other special-purpose tools, they have been designed to accommodate applications for which standard spiral tools would be less effective in terms of cut quality and tool life expectancy.

Available in multiple sizes, configurations and routing/cutting depth options, the 'O' series incorporates a proprietary carbide coating system that provides enhanced protection against tool deterioration caused by abrasion, erosion, galling and fretting. This ensures constant razor-sharp cut edges and a superior mirror surface finish to the materials being processed, whilst minimising problems frequently encountered when standard spiral tools are employed.

The Amana 'O' series of tools will process a wide range of disparate materials. Typically, these include aluminium and aluminium composites (ACM), non-ferrous metals such as stainless steel and alloys like brass and copper and foamed board formulations.

These latest additions, which are likely to be expanded in the future, complement other special-purpose tools from AAG and in

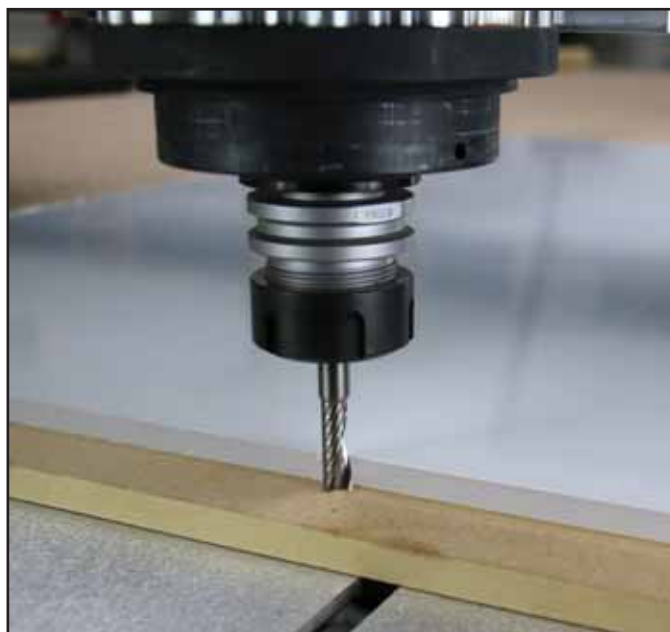
particular those used in the industrial woodworking, furniture production, joinery and panel processing sectors. Of special significance is the Marathon Compression Tool. This has been developed specifically for the processing of solid and particle woods (MDF) and double-sided laminates that are liable to fracture or fray when standard spiral tools are used.

The Marathon Compression Tool is available in a choice of diameters and lengths. It incorporates a special coating that provides extra protection to the cut edge of materials from the high temperatures generated

during the routing/cutting process. The upward/downward motion and special geometry of the tool ensures a perfect edge finish on the top and bottom of the material being processed — an attribute that is of particular significance when processing materials like melamine and associated double-sided laminates.

Other special-purpose tools within the wide range of general-purpose tools, spare parts, accessories and consumables supplied by AAG via its CNCShop division include a Diamond Cutting Tool for acrylic and various plastics and a Long Reach Tool for the processing of foam and similar 'soft' materials that require a deeper cutting capability.

AAG
 Tel 01952 291600
www.CNCShop.com



AJB Group selects Hoffmann machinery

AJB GROUP specialises in the design and manufacture of high-quality internal joinery, external doorsets, windows, composite doors and mouldings.

Established in 1999 and providing an excellent service for residential, commercial renovations and new-build developments of all sizes, AJB's talented youthful workforce is like a breath of fresh air, bringing life into the product range, believing this is "where timber meets perfection". The workforce continues to strive forward with modern methods of manufacturing combined with advanced technology, which creates the hub to the company's success.

In the woodworking industry, the mitred corner has always been recognised as a sign of high value and quality, especially in door production. The joints, when finished using the Hoffmann Key, offer strength, durability and stability whilst the process of production offers simplicity and speed. AJB found all of these attributes in both the Hoffmann MS40 SF double mite saw and the Hoffmann PP2-H-DB pneumatic dovetail routing and dowel boring machine: in AJB's view, the perfect combination in the fabrication of the company's doorframes.

The Hoffmann MS40 SF double mite saw is designed to simultaneously cut one left and one right

hand mitre with each machining cycle. Accurate, repeatable mitre cuts are achieved in a variety of materials, including hard and soft-woods, wood related materials (MDF, plywood, particleboard), plastics and non-ferrous metals such as aluminium. The heavy-duty design of the saw heads and precision machined components as well as the use of industrial quality carbide tipped saw blades assures perfect cuts with no burrs or tear out. In the company's view, this is the ideal double mitre saw for small and large shops when accurate and efficient mitre cutting is required.

The Hoffmann PP2-H-DB pneumatic dovetail routing and dowel boring machine is a free-standing version specifically designed for mitred corner production. The machine cycle begins by pressing the foot pedal. The work piece is clamped pneumatically and the unit routers the dovetail slots and drills the dowel holes. The work piece is then released. The joint is completed using dowels and Hoffmann Keys W1/2/3/4.

Extensive development has been AJB's footprint to becoming a manufacturer of the highest quality in modern and traditional joinery. The company has designed a product range that not only satisfies the performance and technical criteria of today's indus-



try but exceeds all expectations.

"We focus our attention on engineering timber and timber like products to the highest possible degree and then take it one step further. We take a raw material and engineer out all of its natural defects to provide our client with the very best in carpentry and joinery. With intelligent in-house designs,

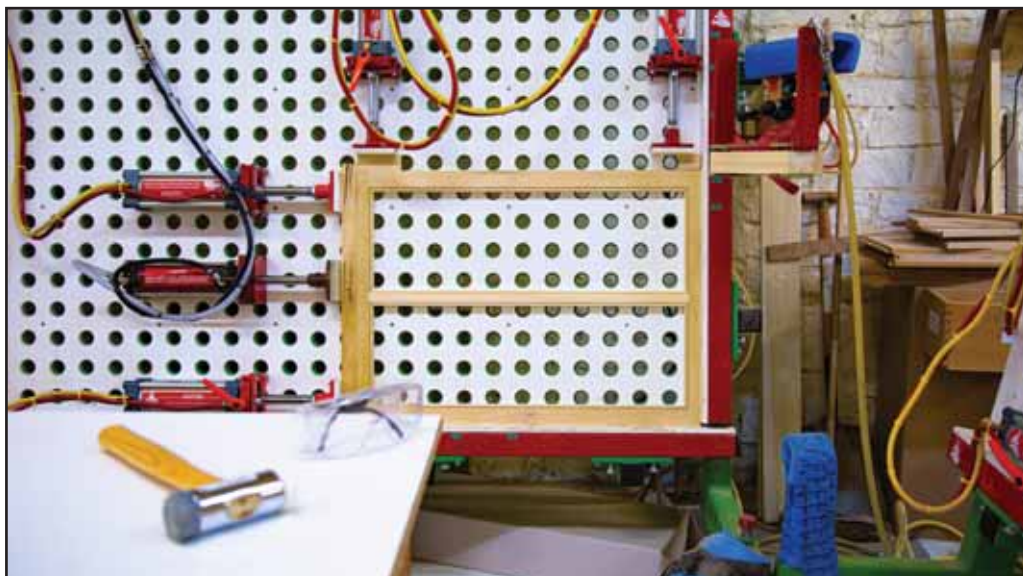
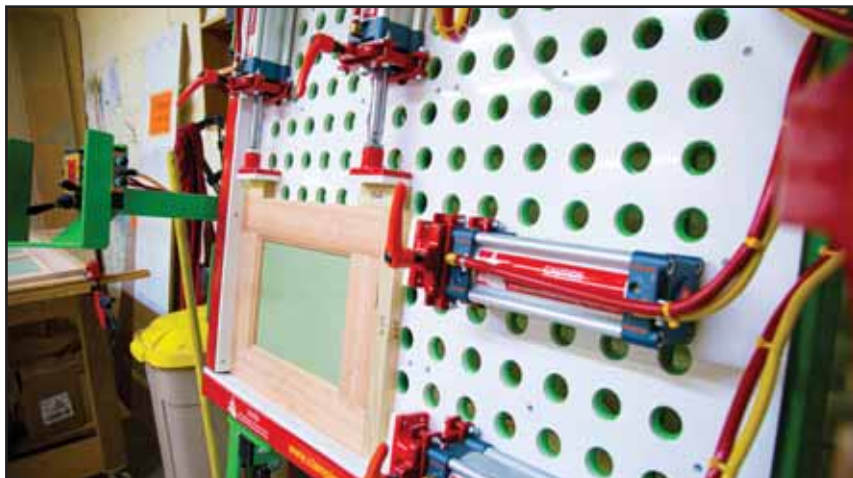
accurate estimating, a state-of-the-art production facility, we can deliver success without any hesitation," says Amarjit Binji, managing director of the AJB Group.

Hoffmann Machine Company Ltd
Tel 01524 841500
Email info@hoffmann-uk.com
www.hoffmann-uk.com



Fourth Lamont matrix clamping table for Drew Forsyth & Co

DREW FORSYTH & Co produces its kitchens in the heart of West Yorkshire, with talented designers, highly skilled joiners and cabinet makers coming together to install cabinetry throughout the UK. The 16,000 ft² workshops use traditional and modern methods to create high quality kitchen cabinetry. The company is proud of its expert



craftsmanship, offering a truly bespoke service — “if you’ve seen it or can picture it, we can design and make it for you” — and with every detail crafted to the highest standards, customers can enjoy their bespoke designs for years to come.

The company has recently purchased its fourth matrix clamping table from Alan Lamont, all of which are still in use.

George Forsyth, managing director, took over management of the company from his father about five years ago. Regarding the first clamp, he said: “My Dad would have bought that clamp off him 15+ years ago.”

For the others — one purchased three years ago, one last year and one just now — George comments: “We could not grow capacity without increasing our clamping capabilities”. Drew Forsyth & Co is an expanding heritage company.

The matrix clamping tables are used to manufacture the company’s kitchen doors. “The clamps are a key part of our processes,” says George. “We make a high quality product and we know that the clamps are a high quality build: we can rest assured the product will come out of the clamps square.”

George says that for him, “Lamont is the only option, not because it is the only company in the marketplace — it isn’t, but because my Dad had a relationship with Alan and with Lamont, which I have picked up. Alan is really easy to work with and the machines he produces are bespoke, not simply just off the shelf.

“In terms of dealing with him it is very informal, indeed it feels like dealing with a friend. It is a real personal service ... and the payment terms are also great! Now, I would not look anywhere else.

“I like to do business with *people*: you get that with Alan. You can have a conversation and be guided along the journey. We have always had the clamps made to bespoke sizes to fit our factory: the most recent one is slightly different again to suit our needs.

As our knowledge expands, we consider how to develop the next one. Alan helps us, and also supported us in adapting an older clamp. He is really flexible in that way: we toss around ideas with him on what may and may not be possible.”

When asked if he would recommend Alan and his company, George replied, “Yes, definitely. I would highly recommend him. He turns projects around really quick and he adds a personal touch to business, which can be lost in 2021. And you see Alan’s clamps everywhere ...”

Lamont
Tel 01461 40017
Email alanlamont2@gmail.com
www.clampingmachines.co.uk

New from Hettich: TopLine L sliding door system with split profiles

THE TOPLINE L sliding door system sets standards in designing large wardrobes and ease of use, according to manufacturer Hettich; now too for profile packaging, shipping and one person installation.

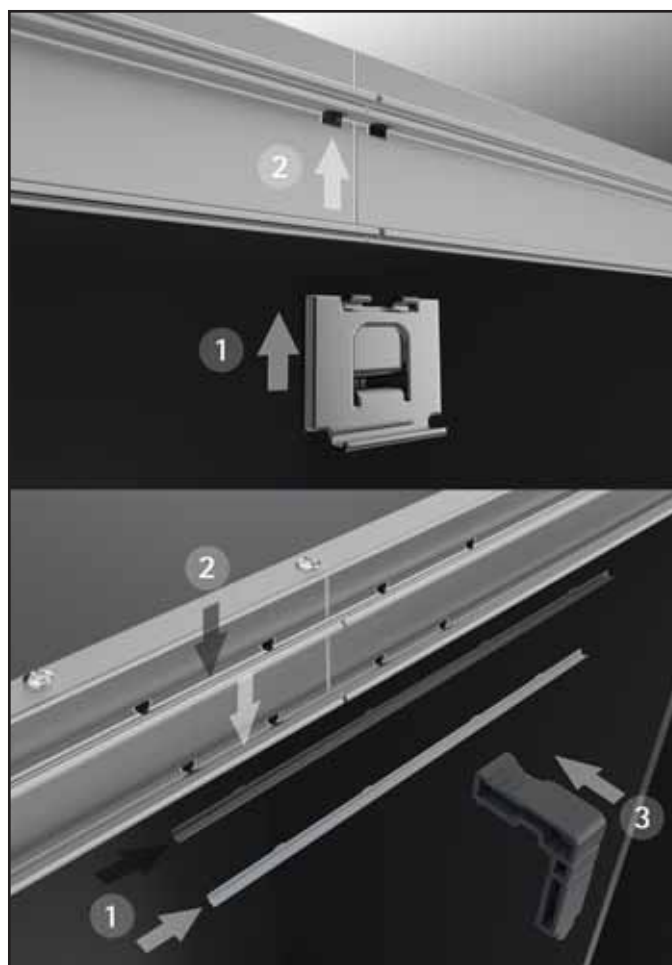
With immediate effect, Hettich is offering TopLine L with split steel profiles. This shortens package length to pallet size while making shipping far more efficient.

Placing a focus on benefiting

both customer and environment, Hettich has advanced its TopLine L sliding door system so that the extra long runner and guide profiles can be split without compromising on convenience. A profile set now comes in a maximum length of 2.35 m, resolving the problems involved in shipping bulky, long items. The capability of conveniently shipping and handling the package on a pallet in logistics give the RTA furniture and



The working components used in TopLine L with split profiles are barely visible and silently move wardrobe doors across the profile joint. Photo: Hettich.



Intelligent installation accessories mean just one person can fit the profiles with ease. Photo: Hettich.



TopLine L with split profiles guarantees luxuriously smooth running performance even in ceiling height wardrobes with sliding doors weighing up to 50 kg each. Photo: Hettich.

online furniture retail market segments attractive new potential for fitting sliding door wardrobes with TopLine L, because whatever's smaller and split into sections is easier to carry and can be installed at the consumer by only one person. Shipping split profiles also comes with benefits in terms of customer satisfaction and work input: it means less damage which is reflected in fewer complaints.

Splitting runner and guide profiles does not compromise TopLine L's tried and proven user-friendly functions, such as incredibly smooth door running action, soft opening and closing with Silent System, minimal door offset or narrow door panel reveals. Wardrobe doors travel silently and gently over the profile joint. TopLine L with split profiles makes it easy for furniture manufacturers to enter volume production and serve new markets.

Hettich UK
Tel 0161 872 9552
Email sales@uk.hettich.com
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New range of SCM machining centres for solid wood

SCM IS CHANGING “the rules of the game” for machining doors, windows, stairs and solid wood elements, according to the company. At the heart of the new Accord 500 and Accord 600 models and the upgrade of the Morbidelli m200 lies the need for customers to regain control over their time, making significant gains in productivity while still achieving excellent quality on finishing.

According to wood: behind the claim chosen by SCM for the launch of its new range of machining centres for solid wood, lies the meaning and value of a project called upon to launch a new era in machining doors, windows, stairs and much more, the company says. According to wood



d e s c r i b e s

SCM's desire to provide a vast range of technical solutions that are even more effective and better performing, but above all “designed by wood” because they have technical specifications and performances that are fully in line with market challenges.

At the same time, *According* also brings to mind *Accord*: a long history of successes and know-how like that of SCM's range of machining centres for drilling and routing, of the same name, and which has been a benchmark for the industry for over 15 years, according to the company. The same range is now being expanded and renewed from a completely new and strategic point of view, to stay abreast of the times and to rightly value customers' time, by optimising and speeding up production processes, while simultaneously guaranteeing excellent finishing quality.

In fact, it has been time that has mostly led the revolution of SCM machining centres. Each technical feature is designed to save time at the most crucial stages for each industry manufacturer: from machine programming to set-up, from the machining process to maintenance. “Our aim was to give our customers, facing increasingly more complex problems when machining solid wood, an answer from specialists capable of finding precise solutions for each individual request. These new technologies considerably simplify the every day work of operators, making it more efficient and, as a result, ensuring an even greater return on investment,” underlines SCM's business manager for machining centres, Bruno Di Napoli.

New Accord 500/600 Machining Centres

SCM increases productivity by 30%, according to the company, compared to market standards, thanks to the “gantry” structure with closed frame that, in continuity with the Accord project, allows for sturdiness and precision to be achieved even at maximum advancement speed and with the most difficult machining jobs.

The routing speed is further increased and now exceeds 15 m/min with the new five-axis



Accord 600

New range of SCM machining centres for solid wood

◀ KPX machining unit with Hiteco 17 kW electro-spindle, designed to always allow the most complex operations to be carried out rapidly and accurately.

Even the production cycle times are dramatically reduced with the exclusive BRC-S unit, that is even more flexible and compact and allows you to complete all the cutting, routing and drilling machinings typical of window components.

Another significant new entry is the more than 100 tools readily available and easily ready for use with the new Caddy 35 storage, believed to be unique both for its capacity as well as its structure because it is integrated into the machining centre without increasing the machine's bulk.

Tool management is further optimised and simplified by the new Maestro Power TMS software, integrated with SCM's Maestro suite. Thanks to this program that maximises the ability of the storage and optimises programming, there is no need for the operator to waste time and energy in looking for the most suitable tool: the software will identify and indicate the tool's exact position in the storage thus minimising machining times.

Cleaning the surrounding area is another crucial matter when ma-



chining solid wood and, in order to deal with the problem, SCM has devised a new shavings conveyor automatically positioned in accordance with the machining program, that can ensure maximum suction efficiency under any condition.

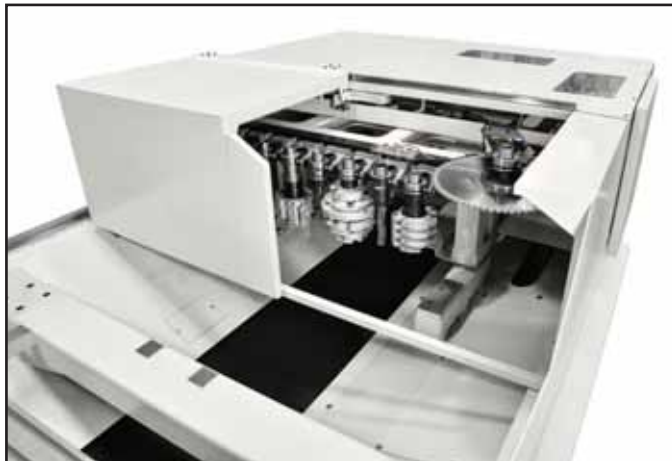
A Range, Greater Demand

The *According to Wood* project is offered to the market with a range that fully satisfies the various production needs.

Accord 500 combines tradition, simplicity and compactness, without sacrificing high technology: ultimate power, for wood applications, developed by the new 5-axis machining unit with 17 kW electro-spindle and the possibility of choosing a Pro-Space configuration without perimeter protection, which is considered ideal for those who do not have a great deal of space available.

Accord 600 is the project solution that involves no compromising on performance: with a view to reducing production times as much as possible in any application field, it offers a completely new, hyper-performing machining unit fitted with as much as three separate units. The four-axis and JQX five-axis electro-spindles, respectively from 21 to 13.5 kW with separate on-board storages, allow for tool change while the machine is running and even during machining of the separate front unit, with BSC-S or head to drill, as required.

All aimed at saving time, which is the absolute key concept throughout the entire range.



Accord 500



The upgrade of the Morbidelli M200 “all-in-one technology” machining centre

The Morbidelli M200 range, benchmark for CNC machining centres across the globe according to the company, confirms its technical features as the most popular on the market, like its solid structure, its 250 mm components passage, its Prisma KT five-axis and the FlexMatic table that ensures that not only all kinds of machining for panels can be achieved but also those for solid wood.

This machining centre has now been enhanced with new features that are considered ideal, especially for the production of window elements. Cycle time reduction with the FlexMatic table that becomes even more flexible with its movements that are made simultaneously under the control of SCM's Maestro CNC software.

As well as this, the performance of the piece-gripping system has been further enhanced thanks to the Multigrip clamp, designed to specifically machine elements for



windows and doors, that allow the work pieces to be positioned and blocked faster and more reliably.

Important new entries for the JQX machining unit that is enhanced by an innovative shavings conveyor specifically designed to achieve maximum cleaning even in the presence of significant removals. This is controlled by NC not only in rotation, following the machining direction, but also in vertical position: this means the conveyor can always position itself directly in front of the jet of shavings to capture it as effectively as possible.

Confirming the focus on the world of windows and doors, even on the Morbidelli M200, we find the new BRC-S unit that allows for horizontal blade cuts and drilling and routing to be achieved as quickly as possible, leaving the five-axis spindle with just the main profiling and tenoning operations to do.

SCM Group is a global leader in technologies for machining a wide range of materials: wood, plastic, glass, stone, metal, composite materials and industrial components. Across the globe, the group's companies act as highly reliable partners to leading industries in a wide range of product sectors, from furniture to construction, automotive to aerospace, and yachting to plastic machining. SCM Group co-ordinates, supports and develops a system of industrial excellence in three large, highly specialised production centres in Italy and it operates on all five continents.

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**SERVICE AND
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SERVICE**



**SPARE
PARTS**



**DIGITAL
SERVICES**

SCM SERVICE: AT THE SIDE OF ALL WOODWORKING COMPANIES, EVEN FROM AFAR

Immediate response, both on site and in “**digital mode**”, **efficiency and professionalism** are the three pillars at the base of our business strategy: from **technical assistance** to the supply of **original spare parts**, to training activities even remotely, overcoming the barrier of distance while maintaining efficiency and professionalism.

This is made possible by our network of over 500 technicians around the world and the latest generation of smart digital technologies and services that allow us to transform distance in an opportunity to always meet, with no more space-time limits.

“**We'll go the extra mile for you**”: this is the spirit that sets the SCM Service team apart from the rest, today more than ever.

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