

# Kitchen Maker

**SPECIAL W18 & ELEMENTS PREVIEW**

**Online**



**WHITE IS RIGHT**  
**TURN TO PAGES 3,4 & 5.**

# WOODWORKING MACHINERY

## Introducing the **NEW** ATACAM CNC Routers

**ATACAM**

PRICES FROM £38,000

This new range of affordable CNC Routers from ATA Engineering offers the same high quality build that you come to expect from a company that has been supplying CNC's for over 20 years, along with support and technical back up.

Standard sizes:  
8 x 4, 10 x 5, 3m x 2m  
(Special sizes available on request)

Standard Features:  
HSD HSK Spindles, Rotary ATC, Location Pins, Tool Digitizer.

3 and 4 Axis machines in stock.

Call us today to arrange a Demonstration!



## Castle Pocket Routers from ATA Engineering



### New Improved Model TSM22 Pocket Router

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

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

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

Call us today to arrange a demonstration.



**ATA Engineering Processes Ltd**

ATA House, Unit B, Boundary Way, Hemel Hempstead, Herts, HP2 7SS

t: 01442 264411 e: sales@ataeng.com www.ataeng.com

# WHITE IS RIGHT

WHITE KITCHENS

Black can work well as a contrast to a completely white kitchen. Use black worktops and wall tiling and perhaps, some appliances in black.



THE remodeling of a kitchen is one of the most common renovation projects. It is also one that can have a significant effect on resale value.

Since the average homeowner will spend thousands of pounds when undertaking such a project, it's crucial to do it right. So how do you accomplish that?

When spending such a large amount of money, you'll want to create a space you love, but if you are planning on selling at some point, you'll also want to secure a return on your investment.

Today's home buyers are turned off by dated kitchens. Instead they are looking for modern additions like granite counters and updated appliances.

According to the National Kitchen and Bathroom Association, white and off-white are the most popular colour schemes for kitchens.

Make your design decisions easier by creating an all-white room that's fresh, bright and aesthetically pleasing. In addition to a timeless look, white can make a small kitchen feel bigger and brighten a room that lacks adequate natural light.

Whilst you don't want to offend anyone's taste with your kitchen design, you also don't want a white kitchen to feel bland. Add depth by using accent colours and insert personal style in changeable features, such as light fixtures, furniture and cabinet pulls.

#### White worktops :

There are a number of different ways to approach white worktops. White marble is warm, classic and its natural veiny

appearance adds texture. It is more expensive than other options, as well as being more difficult to maintain.

You'll need to wipe up spills right away, avoid putting pots and pans, or abrasive items on the surface and seal it on a regular basis. White granite is lower maintenance than marble (seal it once a year and wipe up spills ASAP), but also offers a classic look.

Engineered white quartz is durable and non-porous - so it's more sanitary and resists stains, scratches and corrosion.

White concrete can achieve that pure white look. It's also incredibly durable. White glass can be pricey, but in addition to being sleek and bright it's also non-porous and perhaps the most hygienic option.

If you're on a budget, today's laminates mimic more expensive granite and marble and also resist scratching and chipping.

#### White kitchen sinks :

White sinks have long been bathroom mainstays and the same timeless look translates well into the kitchen, whether you choose a classic white sink, or make a more trendy statement by installing a farmhouse sink.

If you're typically hard on your sink (throwing around pots and pans) then stainless steel may be a better choice.

For white sinks, fireclay might be the best option. The material is resistant to scratches, staining, chipping and clean-up is simple (just use soap and water).

Enamel-coated-cast iron is another good option for durable white sinks, but it tends to be heavier, so make sure your cabinets can handle the weight.

*An all white kitchen can offer timeless elegance.*



*White sinks work well whether you choose a classic white model, or make a more trendy statement by installing a farmhouse sink.*



**White kitchen islands :**

The kitchen island often features a sizable slab of countertop, so this can be used strategically to brighten up the space, or add detail that complements pure white features elsewhere in the room.

Add contrast by choosing a different material than you used for the countertops. It's fairly likely that the island will be where a lot of food preparation and entertaining takes place so, depending on how you plan to use the kitchen island itself, think about the material and how high maintenance it is.

**White kitchen cabinets :**

Kitchen cabinets are a high impact design element, because they're outward facing (unlike flat countertops) and the focus of much of our attention. They make up between a third to a half of the budget. Once again, white is a popular option.

Add a personal touch by choosing cabinet pulls and other hardware that you like. They are easily replaceable and will show up well against crisp white cabinetry.

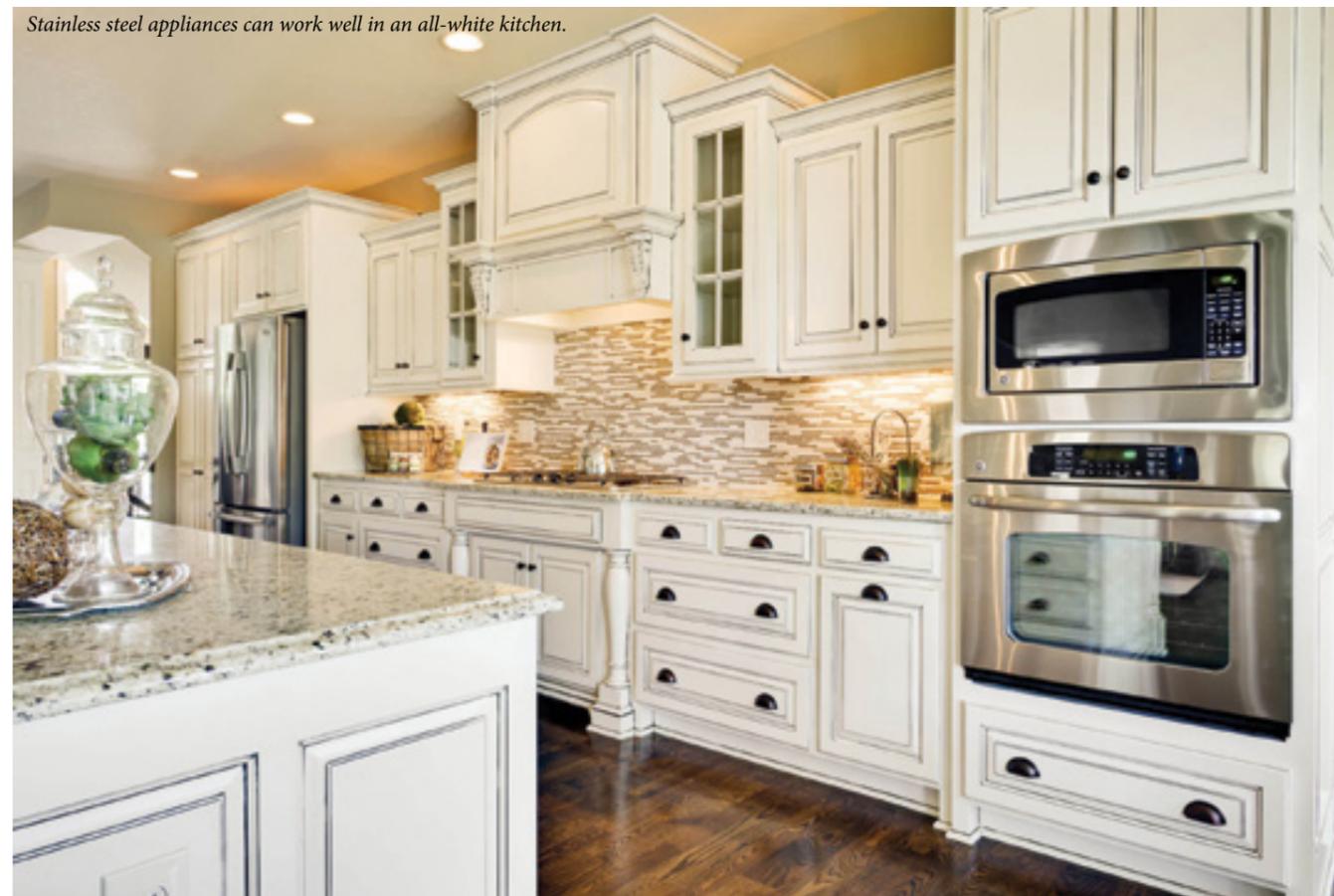
**White kitchen appliances :**

Stainless steel has been the presiding choice for new kitchens, often replacing old white appliances that looked dated. Though it's hard to imagine such sharp stainless steel appliances falling out of fashion, they could very well go out of style in the future.

Some kitchen experts predict that the reign of stainless steel is coming to an end. And what will replace it? In all likelihood re-imagined, updated white appliances.



*Stainless steel appliances can work well in an all-white kitchen.*



# A GOLDEN OPPORTUNITY AVAILABLE TO PURCHASERS OF BOND-IT PRODUCTS



STOCKISTS, trade professionals and DIY enthusiasts now have an additional reason to buy Gripbond PRO – the totally unique “hybrid” sealant and adhesive from Bond It.

Through to October 2018, the UK-based manufacturer of sealants, adhesives and building chemicals will be promoting its widely popular product with an exclusive sales promotion.

This will see anyone buying a box of Gripbond PRO in any colour – which includes white, black, grey and crystal clear – being offered the chance to win a free Samsung tablet. Bond It will be giving away one of these mobile devices in each of the five months of the promotion.

Winners will be determined through special golden tickets which will be inserted into certain boxes. The winning boxes will also contain an exclusive tube of limited edition gold coloured Gripbond PRO complete with a gold nozzle.

Gripbond PRO is a universal, water-proof, construction adhesive and sealant, which can be used for both internal and external applications. It offers superior adhesion to a range of common substrates including wood and glass.

It also remains permanently flexible and is ideally suited for use wherever a tough, elastic rubber joint is required.

Further benefits include the fact that Gripbond PRO can be over-painted with water-based paints and is non-staining.

It is also odourless, contains no isocyanates, solvents, silicone and phthalates and can even be applied to moist surfaces.

‘Gripbond PRO is part of a new generation of advanced hybrid sealants and adhesives from Bond It, which is based on state-of-the-art polymer technology,’ explains marketing manager, Kirstie Cooper.

‘Given its high performance and ultra-versatile nature, it already enjoys a firm following with both trade and DIY users,’ she adds.

‘Our golden ticket promotion is a way of rewarding customers for their loyal business,’ she adds.

Want to find out more? Visit [www.bond-it.co.uk](http://www.bond-it.co.uk)

# A STICKY SOLUTION FOR KITCHEN MAKERS

GLUES & ADHESIVES

MANUFACTURER of sealants, adhesives and building chemicals, Bond-It has enhanced its product offer with the launch of a new range.

The new Glue Monster adhesives deliver levels of performance that are so good, they’re positively monstrous!

The new Glue Monster range comprises of two new products:

The eponymously titled Glue Monster Wood Adhesive is a one-part, ready to use PVA timber adhesive with an EN 204 D3 rating.

It is suitable for a variety of general purpose joinery applications and delivers impressive results when used on hard and softwoods, decorative laminates, chipboard and blockwood, as well as other types of engineered timber panels.

Glue Monster Wood Adhesive is also water resistant, making it ideal for use wherever long-term resistance to moisture is required, such as when material is likely to be exposed to damp, or humid conditions on a regular basis.

The second product within the Glue Monster range is the aptly named, The Beast.

A one-part polyurethane super strength adhesive, The Beast has an EN 204 D4 rating.

It is solvent-free, completely water-proof (making it ideal for both internal and exterior use), permanently flexible and cures in just 20 minutes. In addition, once cured, it can be overpainted, or stained.

The Beast is highly versatile and can be used to effectively

bond a whole range of common household and construction materials, including wood, chipboard and laminate.

Given its suitability for such an enormous variety of applications and substrates, The Beast is actually the only adhesive many general users will ever need.

Both of the new Glue Monster products are packaged in squeezable plastic bottles and are available in a choice of sizes. This includes 125ml and 500ml bottles for Glue Monster Wood Adhesive and 150ml, 250ml and 500ml bottles for The Beast. Colourwise, the new Glue Monster Wood Adhesive is white whilst The Beast is brown.

Bond-It is supporting the launch of the new Glue Monster range with dedicated point-of-sale material, including countertop merchandisers.

‘Bond-It has introduced the new Glue Monster range as a result of our highly active programme of new product research and development,’ says marketing manager, Kirstie Cooper.

‘Both glues target popular areas of adhesive use and offer our stockists the chance to sell products with a distinct identity and brand.’

‘We’re also hoping the highly recognisable nature of the Glue Monster Wood Adhesive and The Beast, combined with their impressive levels of performance, will contribute to strong brand loyalty amongst end-users,’ she concludes.

Want to find out more? Visit [www.bond-it.co.uk](http://www.bond-it.co.uk)





# HOLZ-HER – HELPING TO PRODUCE AN ENTIRE KITCHEN EASILY AND QUICKLY

AT W18 this year, Weinig - the technology leader in standard machines for planing and profiling and sister company, Holz-Her - the high-quality panel processing machine specialist, will be showcasing the latest technology and innovations in solid wood and furniture production as part of the Weinig Group's presence across three stands K710, M710 and M810.

The main feature for Holz-Her at W18 is the company's Nextec furniture solution:

a complete package, comprising machine and specially designed, craftsman-friendly software.

With a few simple clicks and the push of a button, Nextec will create and label each component for your selected cabinet.

Hit the ground running without programming; choose from up to 300 cabinets from Nextec's intuitive Cabinet Select software, decide how many you want, select the material and your

connection hardware and you are ready to go.

Modifying, or customising any item in the library, or even adding your own cabinet is just as simple. The software is designed to enable people who are not skilled in programming to produce furniture, or even an entire kitchen, easily and quickly and you can start manufacturing from the first day the machine arrives.



A key feature in making your panel processing more efficient is Holz-Her's DirectCut.

This laser-supported high-speed cutting can turn material remnants into valuable furniture components.

The optional two-line laser enables an operator to easily cut one-off pieces to any chosen size, without any of the usual programming.

Operating just like an automated panel saw, DirectCut gives genuine value to your otherwise wasted off-cuts.

DirectCut enables useful table saw functions, potentially saving you precious floor space and costs.

In addition to Nextec and Holz-Her's zero glue line solutions, Holz-Her will also be showing its incredibly strong and highly in-demand Sector 1255 wall saw.

The Weinig Group will also demonstrate its classical machine expertise with its market leading partner, Hofmann.

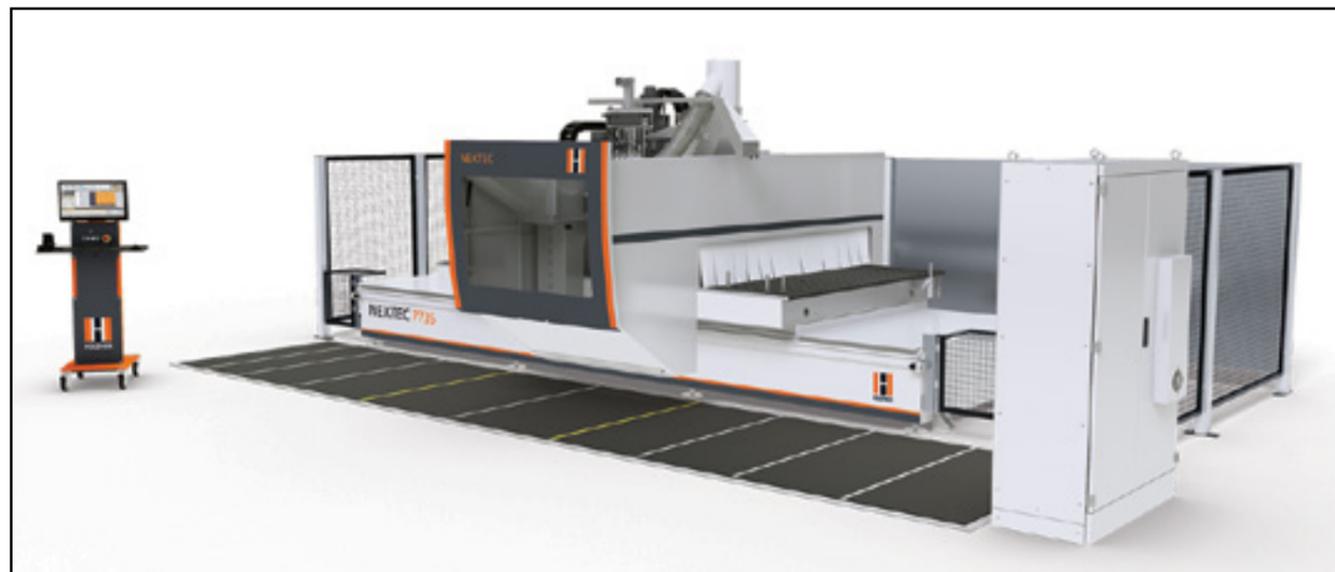
Weinig truly offers something for everyone, from the hugely successful Cube Plus to the very affordable Powermat 700 Classic, as well as advanced technology as

demonstrated by their Digital OptiControl and Moulder Master software, all of which and more will be featured at W18.

Every machine from the Weinig Group comes with reliability, quality assurance and after-sales customer support as standard.

Interested parties can visit the brand new Weinig Expo UK - Innovation Centre for Manufacturing Excellence in Abingdon.

Want to find out more?  
Visit [www.holzher.co.uk](http://www.holzher.co.uk) and [www.weinig.co.uk](http://www.weinig.co.uk)



# FELDER PUTS ITS BEST FOOT FORWARD AT W18

WITH the W exhibitions continuing to grow and expand with every show, the Felder Group UK is excited to be exhibiting at the most anticipated woodworking event of 2018.

Felder will be showcasing more machines than ever before on their largest ever stand at the W exhibitions to date on stands F810, F910, G810 and G910.

The Felder Group is one of the UK's leading suppliers of woodworking machines for business and industry. With one of the largest ranges in the industry, Felder machines are the result of over 60 years' innovation and development, giving the owner a machine of the highest quality, designed and manufactured in Austria and tailor-made to each customer's specific requirements.

Meticulous design, innovative development and high quality standards, are the trademarks of Felder's machines.

'We are delighted to be able to showcase the latest in machine technology from the Felder Group, on what will be our largest stand at the W exhibitions with the largest number of machines we have exhibited on one stand,' says managing director, Mr Applegarth.

'At this year's exhibition we will be showing the kappa 590 sliding table saw, the profit H08 CNC machining centre and tempora 60.12 edge-bander with U-motion classic return system for the first time in the UK!' adds Mr Unlimited tooling storage capacity.

Live demonstrations will be performed on a variety of machines including: CNC machining centres, edge-banders, wide-belt sanders plus a large range of standard machines, offering the chance to witness these high quality, Austrian-built machines in action.

Among the other highly innovative woodworking machines, which Felder will be proud to demonstrate at

W18 will be the profit H500 five-axis machining centre, the K 940 S panel saw and the creator 950 CNC machine.

Alongside the large range of machines that will be on display, visitors to the Felder stands will also have access to one-on-one time with the technical sales team, product managers and service technicians.

Their technical sales team and product managers will be able to guide you to the perfect machine for you or your business - whether it is from the Hammer, Felder or FORMAT-4 ranges - while the service technicians will be on hand to answer any technical queries.

Furniture makers, joiners, shop fitters and all types of wood and panel users all over the world decide on a woodworking machine from Felder. With this decision, they become not just a customer, but a consultant on perfect woodworking. Make a decision without risk and let Felder offer you the exact machine that you need.

Want to find out more?  
Visit [www.felder-group.co.uk](http://www.felder-group.co.uk)



*The K 940 S panel saw impresses with a modern design, innovative operating elements, durable precision and maximum operating comfort.*



*The tempora 60.12 edge-bander combines the key characteristics of speed, productivity, flexibility and user comfort in one complete package.*

Discover how Felder helped one East London kitchen furniture manufacturer to fit out an entire workshop with a range of woodworking machinery by turning to Pages 48 & 49 of this issue

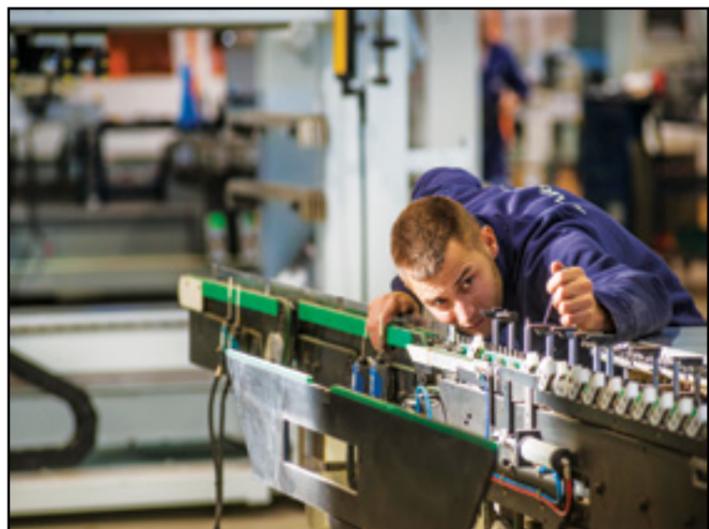
*The profit H08 CNC machining centre is designed for special nesting applications in the smallest of spaces.*



*The kappa 950 e-motion features a new twin-pivot unit with a total swivel range of 92 deg. It achieves a cutting height of 202mm for sawblades with a diameter of 550mm.*



# FERWOOD GROUP UK FOLLOWS UP ON A VERY SUCCESSFUL SHOWING IN 2016



RECONDITIONED machinery specialist, Ferwood Group UK, will be returning to W18. Following a successful show in 2016, Ferwood Group UK will be presenting its innovative online global inventory.

Featuring over 400 reconditioned machines from leading woodworking machinery manufacturers, including Homag, Biesse, SCM, Holzma, Giben and IMA - visitors will be able to see the complete range at their finger tips and experience the benefits of using Ferwood's reconditioned woodworking machinery for themselves.

Experts will also be on hand throughout the exhibition to talk through a wide range of services - including Ferwood's unique 10-step process that sees machines being stripped and rebuilt to the highest standard - it's established machinery partnerships and global sales network, in a bid to help visitors source the right machinery.

Want to find out more?  
Visit [www.ferwoodgroup.com](http://www.ferwoodgroup.com)

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**HOFFMANN**

## The Hoffmann Dovetail Key

THE SOLUTION FOR PERFECT JOINTS IN WOOD.

...BRILLIANTLY SIMPLE  
...SIMPLY BRILLIANT

Woodwork manufacturers will tell you, we're found in the best joints.

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Hoffmann Machine Co. Ltd., Unit 8 Borrowdale Bus. Prk  
Whitegate, Morecambe, Lancs LA3 3BS, tel 01524 841 500  
Hoffmann GmbH Germany, 0049 7251 95440

# HOFFMANN FOUND IN THE BEST JOINTS

HOFFMANN Machine Co Ltd will again be demonstrating many machines using the versatile Hoffmann double-dovetail-jointing system and Hoffmann's technicians will be showing visitors the many advantages of time-saving, improved joint quality and increased production, which can be achieved when using the Hoffmann key.

The combination machine, the Hoffmann MS35SF with integrated chop-saw will be of particular interest to door-set manufacturers. Developed from one of Hoffmann's standard machines, this bespoke machine will produce completed door-architraves in series production from bar length, profiled material (either MDF or solid wood).

Each architrave set is produced with square ends and mitres where appropriate and, when required, can be simultaneously routed for jointing with Hoffmann keys. Each architrave set can be prepared in less than a minute.

Hoffmann also offers an alternative method for producing the joints in door frames. Door frame joints can be simplified by mitring the same profiles and joining with dowels and Hoffmann keys. Machinery for this process (the Hoffmann PP-2 NC) and samples will be on display at W18 for customer inspection.

The "new generation" Hoffmann bench-top machines MU-3 and MU-3P will be demonstrated throughout the duration of the show to illustrate the simplicity of this jointing method.

Vision panels, picture frames, mitred cabinet doors, stretcher frames, beaded face frames, cornices, window and door casings, jewelry boxes, hand rails, architectural work, post and beam construction, curtain walling and roof lanterns are just a few of the many applications which regularly use Hoffmann keys to secure the joints.

Numerous examples of the various applications for Hoffmann keys will be displayed and demonstrated for customers' scrutiny and advice on additional applications will be readily on hand. Customers wishing to evaluate a specific application can have their own profiles processed by Hoffmann technicians at the show.

This year the company will introduce our new Hoffmann CBM end profiling machine for processing the joints on "Georgian Style" window bars. This is a bench-mounted, manually operated machine, which simplifies this essential joint.

New to the range of Hoffmann keys is the W-0 key. This delicate key enables cabinet makers and framers to joint profiles as thin as 7mm in thickness.

Hoffmann is initially manufacturing them in lengths of 10mm, 22mm and 35mm and all sizes are available ex-stock. Samples and demonstrations of this tiny joint will be available for visitors to inspect and assess.

The Hoffmann Morso solution for the manufacture of beaded-face frames will also be demonstrated. Cabinets with beaded-face frames immediately convey a high level of quality and craftsmanship. Designers and consumers have rediscovered this style and, consequently, the demand for beaded-face frames is on the rise.

The Hoffmann beaded face frame system offers furniture and cabinet makers of all sizes a fast, precise and efficient way to manufacture beaded-face frames, whether it's one or 100 frames/job.

Starting with beaded moulding, the stiles are notched and the rails are coped on fixed-blade, guillotine style notching machines. For a standard stile-rail connection, this operation takes about five seconds with Hoffmann's manual notching machine (the automatic model is faster still!).

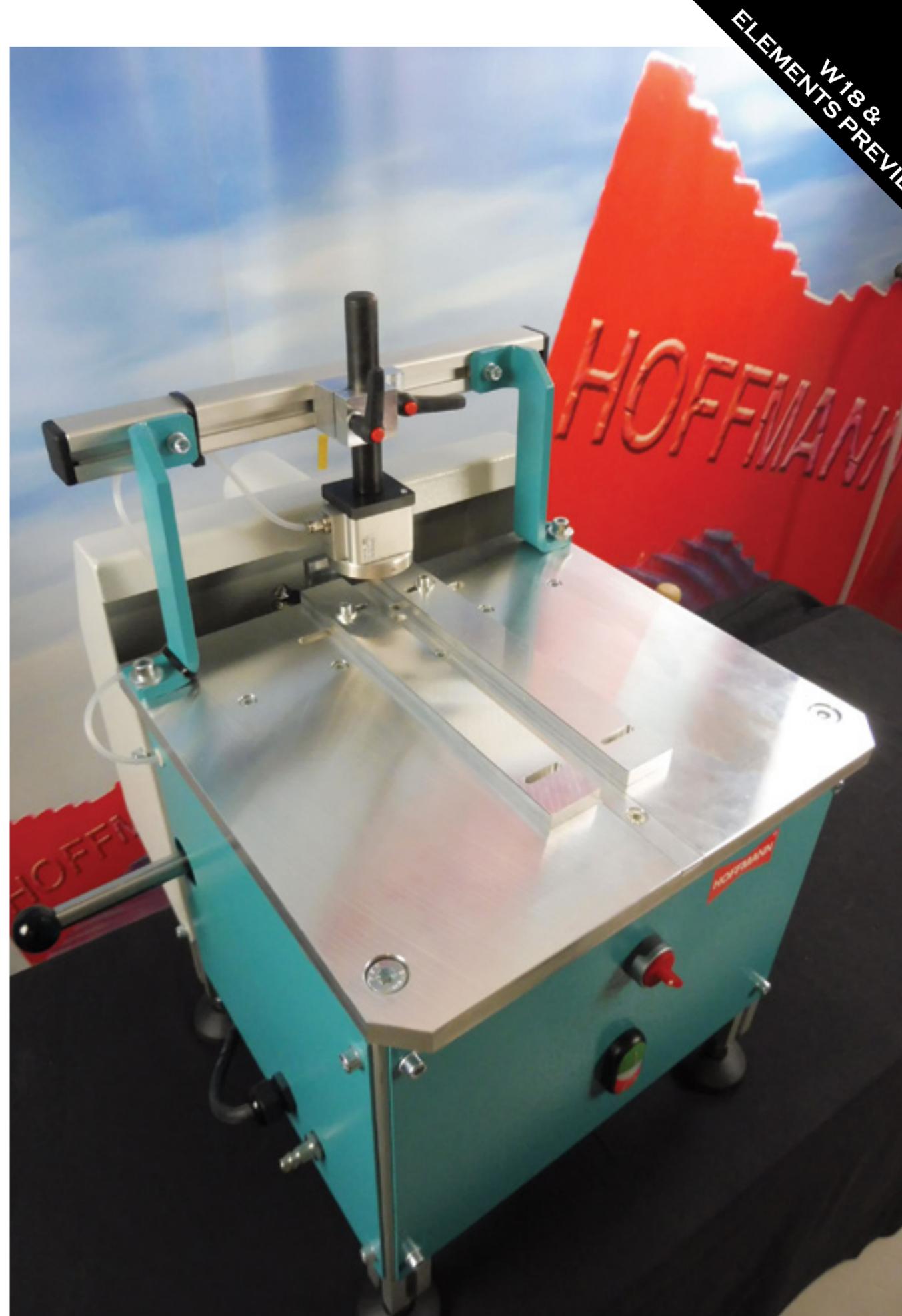
A second step takes place on Hoffmann dovetail routing



machines equipped with special fixtures for beaded material. Dovetail keyways are routed in all mating parts and the frames are assembled by simply applying some glue and inserting Hoffmann dovetail keys. No large clamping tables, or bar clamps are required, the frames can be sanded and finished immediately upon assembly.

At W18 Hoffmann technicians will demonstrate how beaded-face frames can be made accurately and with all the flexibility as required for bespoke cabinets. Demonstrations of frame manufacture will be available on the stand for potential customers on request.

Want to find out more?  
Visit [www.hoffmann-schwalbe.de](http://www.hoffmann-schwalbe.de) or  
[www.hoffmann-uk.com](http://www.hoffmann-uk.com)



W18 & ELEMENTS PREVIEW

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# NEW ABRASIVES RANGES

MIRKA UK will be focusing on innovation, durability, versatility and efficiency at W18 with the UK debut of two new abrasive ranges.

These robust abrasives have been designed and developed by the research and development team to provide users with easy to use products that offer increased efficiency and productivity, a consistent high-quality finish and a dust-free environment to work in.

The new abrasives on display will spearhead a wide range of complementary abrasives and tools, including Abranet Max, Abranet Ace and Abranet Ace HD ranges.

Abranet Max's innovative symmetrical net structure allows effective stock removal whilst minimising the risk of overheating the sanded surface area, or burning the belt.

Its design creates a finer, more consistent scratch pattern, resulting in a better surface finish and is fully resin bonded, making it more effective with increased product durability.

Abranet Max also has no directional arrows on the reverse side, which means that it can be run in both directions, making it much more economical and more user-friendly.

Mirka's Abranet Ace and Ace HD ranges feature ceramic grains, which deliver a faster, more aggressive sanding operation.

With Abranet Ace, the improved robust grain prolongs its life and ensures fewer sanding defects and less grain breakage.

The tougher velour backing provides better disc grip adhesion and enhanced edge wear, making Abranet Ace more effective and longer lasting.

Abranet Ace HD's open, symmetrical net structure with integrated loops in combination with ceramic grains allows for maximum cutting speed and consistent performance across a variety of surfaces and substrates.

It delivers a dust-free sanding experience when used in conjunction with a Mirka sanding system, such as the Mirka®

DEROS for stripping old paint, or lacquer, or sanding composites.

In addition to the abrasives, the Mirka® DEOS, claimed to be the only electric orbital sander on the market that has been optimised for net abrasives by incorporating more than 45 holes in the pad, will form the centre piece of sanders on display.

Other sanders on display will include the Mirka DEROS and its cordless sanders, the Mirka AOS-B 130NV and Mirka AROS-B 150NV.

Sucking up any dust produced during the live demonstrations will be the 1230 dust extractors.

The range comes with a 30-litre container, easily accessible flat filter, a high performance 1200W motor and one-stage turbine which creates 250mbar of suction with an airflow of 4500l/min as standard to assist in the efficient removal of particles from the area being worked on.

'W18 is at the heart of the manufacturing industry and we are delighted to be returning this year,' says Mirka UK national sales manager, Peter Sartain.

'We see the show as the perfect platform from which we can place a spotlight on the Mirka brand and the breadth of innovative and versatile tools and abrasives we have available.

'The wood industry continues to evolve, with products and processes that increase production rates and provide a better finish.

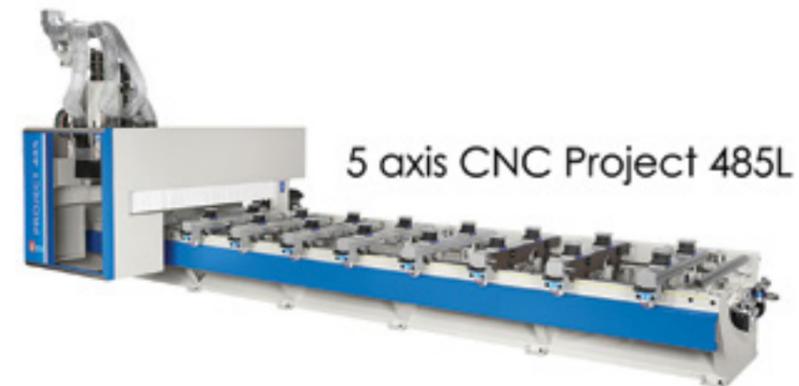
'Mirka have seen considerable growth in this sector offering products that challenge the status quo and technical expertise to ensure that our products are used to the maximum benefit,' concludes Mr Sartain.

Want to find out more? Visit [www.mirka.com](http://www.mirka.com)

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Join Us At The W Exhibition, Birmingham, to see the latest Masterwood CNC machines and software demos



5 axis CNC Project 485L

Software Demos of:  
MasterWorks  
Masterwood Stair  
MasterWindow  
MasterCabinet  
MasterDoor  
Master 3D

CNC Drilling Machine Project TF100.2

Matrix Bed CNC MW1538M



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# LEITZ INTRODUCES ITS PRODUCTION CONSULTANCY TO W18

W18 & ELEMENTS PREVIEW

UNDERSTANDING production and manufacturing processes is essential to profitability and Leitz Tooling brings its depth of knowledge and competence in this field to every customer.

## Production Consultancy

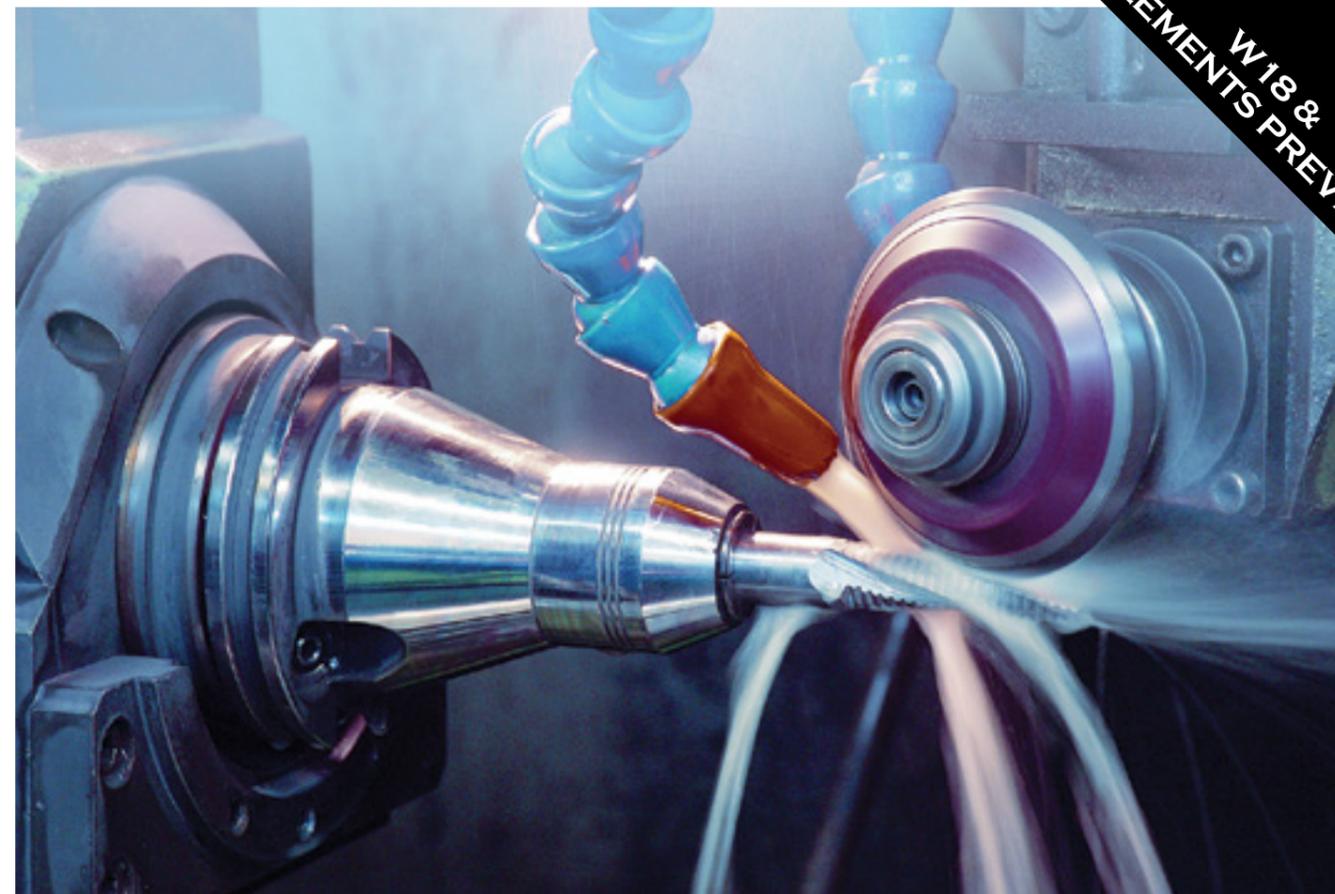
On stand E800, Leitz will be introducing new solutions and innovations and will also be offering specific guidance on individual production issues.

'The W exhibitions are a great venue for us to meet with both existing customers and companies seeking advice on productivity issues,' says managing director, Simon Liddell.

'Manufacturers large and small are often surprised at the detriment poor, or incorrect tooling can have on their machines and just what a financial drain this can be on their business.

'Correct, precise, high quality and safe tooling with full local support from Leitz can genuinely increase efficiency and a customers' profitability,' concludes Mr Liddell.

Leitz's tooling will also be seen in action on the stands of most major machinery manufacturers around the show.



## Make energy-rated timber windows – fast and precise

For A+ rated timber window production, Leitz Tooling will feature its ThermoTech Lite Window System; the complete, compliant and scalable system for the manufacture of high quality BFRC energy-rated thermal windows with an ever-growing range of UK-specific design options.

## The original fastest profile tooling system in the industry

The new Leitz ProfilCut Q Premium is one of the fastest profile tooling systems in the woodworking industry.

Conventional systems reach their limit at cutting speeds of 80m/sec to 90m/sec; this new Leitz generation of profile tooling is approved for cutting speeds of up to 120m/sec, increasing your production throughput over standard systems.

## Demanding decors? You need EdgeExpert

EdgeExpert tools from Leitz are specialised in sizing panel materials with demanding decors, ensuring tear-free edge quality.

EdgeExpert tools work hand-in-hand with laser, plasma, or hot air zero-jointing edge technology.

The tooling cutting geometry is suited for British manufacture and can be sharpened using available standard equipment for diamond tools, which Leitz provides through

its service centres and centre of service excellence at its UK head office in Harlow, Essex.

EdgeExpert tools also offer exceptional performance times; for example, the Diamaster EdgeExpert router cutters are claimed to offer, on average, 15 times better performance time in comparison to conventional router cutters.

## Tools – good as new

Leitz believes that when serviced tools leave one of their services stations, they should be "as new". Every Leitz service process has been optimised for original producer quality.

Cutting edge service techniques enable Leitz to give like-new performance throughout the life-time of the tool and reliable pick-up and delivery is tailored to your needs.

'We look forward to seeing any company that needs to keep up with market trends and is interested in making efficiency savings and not being left behind,' says Simon Liddell.

'Our solutions are straightforward and can enable significant cost savings to your business,' he adds.

All tooling from Leitz is manufactured and safety tested to BS EN847 standards helping to ensure the welfare of your staff.

Want to find out more? Visit [www.leitz-tooling.co.uk](http://www.leitz-tooling.co.uk)



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W18 & ELEMENTS PREVIEW

# SOFTWARE SOLUTIONS FOR KITCHEN MAKERS ON SHOW AT THE NEC



VERO Software is expecting to finalise sales and take strong leads for its Alphacam and Cabinet Vision woodworking CAD/CAM solutions at W18.

'Visitors to our stand will be blown away by new improved functionality in both Alphacam and Cabinet Vision from Vero Software,' says EMEA sales manager for both brands, Michael Pettit.

As the largest exhibition of woodworking suppliers, attracting thousands of visitors from the UK, the Republic of Ireland and countries across Europe, W18 is the perfect showcase for highlighting Alphacam's new improved powerful nesting capabilities along with Cabinet Vision's V11 Rendering, workflow and machine connectivity.

'Visitors are always surprised at the features we demonstrate

at trade fairs. Many prospects and existing customers learn about new and existing features and how they can increase productivity and, ultimately, save them money.

'Since Alphacam and Cabinet Vision are part of Hexagon MI, we will also be demonstrating how we work with Leica measurement equipment, which is another Hexagon product,' says Michael.

'Our stand - H710 - puts us at the very

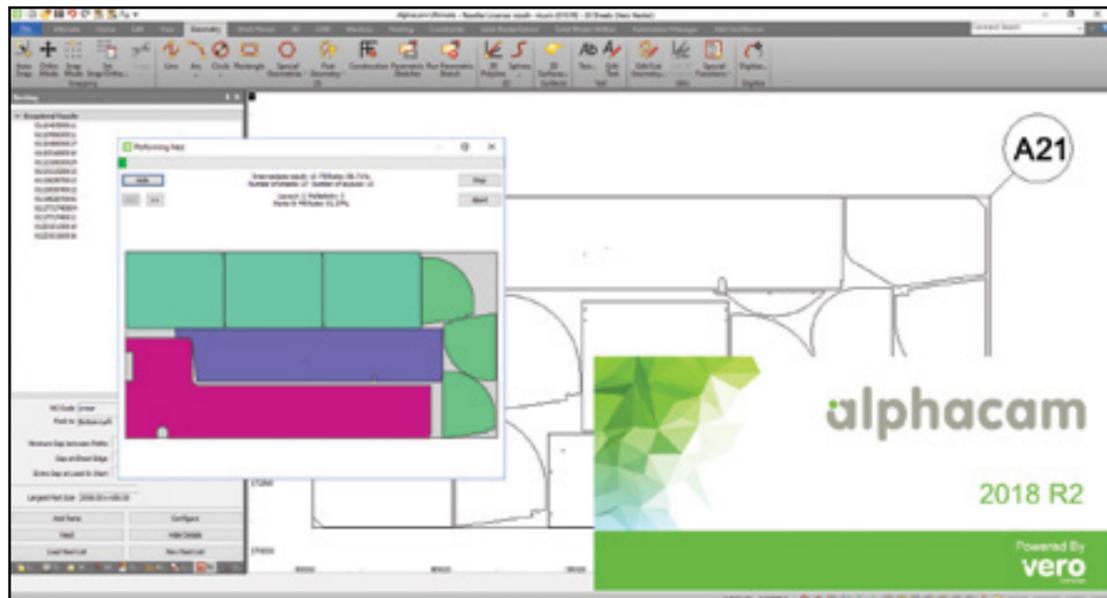
heart of the four-day exhibition, with major machinery partners around us and we'll be demonstrating the software in action with machinery demonstrations,' he adds.

He says that it allows the company to meet over 1,000 existing customers in one location.

'And, as with previous woodworking exhibitions, we'll be open for business and taking orders.

'Alphacam and Cabinet Vision are leading woodworking CAD/CAM systems and W18 is the premier woodworking show in the UK - it's a marriage made in heaven,' concludes Michael Pettit.

Want to find out more?  
Visit [www.alphacam.com](http://www.alphacam.com) or [www.cabinetvision.com](http://www.cabinetvision.com)



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# JUDGES CONFIRMED FOR 2018'S ELEMENTS OF INNOVATION AWARDS

W18 & ELEMENTS PREVIEW



THE Elements of Innovation Awards are back for 2018. Taking place during the UK's only dedicated furniture components show, Elements and woodworking machinery and materials show, the W Exhibition. The awards will see pioneering product entries from the show's exhibitors shortlisted to be in with the chance of winning a prestigious Gold, Silver or Bronze award.

The independent judging panel – who have been chosen to represent key areas of the furniture design and manufacturing industry – will be made up of members from the Worshipful Company of Furniture Makers, the Institute of Carpenters, Buckinghamshire New University, the British Woodworking

Federation and joinery and interior fit-out company, Edmont Ltd.

The final products will be shortlisted by the judges before the event and will be available to view in the show's dedicated Elements of Innovation Zone. The awards will be presented to the winners on Monday October 1 at 3pm.

The presentation is open to all visitors and will offer the audience a unique opportunity to see the best products new to the market and talk to the winners about their award-winning products.

So, who's who on the judging panel?



**HELEN HEWITT,**  
BRITISH WOODWORKING FEDERATION:

A textile designer by trade, Helen Hewitt is a self-proclaimed creative design junky with a scrupulous eye for detail. Transferring her skills into the manufacturing sector more than 15 years ago, Helen is now acting chief executive officer of the British Woodworking Federation.

Helen brings a wealth of experience in both design and manufacturing to the judging panel and, with a clear passion for encouraging young talent and empowering originality, she wants the awards to be a platform to inspire the industry and celebrate its achievements.

'There is something very special about being part of something that champions the industry. I have a great respect for people that can create something from nothing. It's a real skill and one that needs to be recognized,' says Helen.

'Being a judge at the Elements of Innovation Awards is about honoring this achievement and giving both the company and the individuals the recognition they deserve. I'm excited to see how each entry has gone through the production process - from the initial concept to the final product – and to see the final product first hand,' concludes Helen.



**HAYDEN DAVIES,**  
THE WORSHIPFUL COMPANY OF  
FURNITURE MAKERS':

Former chief executive officer of FIRA (the Furniture Industry Research Association) and Master of the Worshipful Company of Furniture Makers, Hayden Davies has had an active role in the furniture industry for over 20 years.

With a degree in Civil Engineering - which he gained from the University of Birmingham – Hayden has become a successful entrepreneur and an advocate for education and excellence in the furniture industry.

'Supporting innovation and encouraging talent goes right to the heart of what the Furniture Maker's Company does. I believe that if our industry is to survive and prosper in the modern, global world, innovation must play a critical role and we need to shout about our achievements,' says Hayden.

'We should encourage innovation and celebrate its success wherever possible. I believe my time as chief executive officer of FIRA gave me a broad experience of the furniture industry and the disciplines of impartiality, integrity and independence that I will endeavour to bring to the judging panel,' he adds.



**LUKE PARRY,**  
PRODUCTION MANAGER AT EDMONT JOINERY:

Starting his career as an apprentice in the joinery and construction industry, Luke Parry's natural interest and honed skills have seen him work on a range of projects from period home restoration to bespoke, cutting edge furniture design.

Bringing a sense of practical application to the judging panel, Luke is not averse to testing unique products before they are put into production and, with experience in a wide range of manufacturing techniques, he appreciates the knowledge and commitment it takes to develop a ground-breaking product.

'We are an industry that relies on highly skilled individuals and, because of this, we need to reward talent wherever possible. Innovation can sound like a buzz word, but pioneering techniques and original product design can make a huge difference to our industry and the way we create and design furniture,' says Luke.

'It's not easy to develop a really good product that offers a wealth of benefits to its user, so we need to recognise and reward the people and companies behind the ideas,' says Mr Parry.



**PAUL LIGHTERNESS,**  
BUCKINGHAMSHIRE NEW UNIVERSITY:

Paul Lighterness studied at the Royal College of Art and spent 15 years working in product design. From 3D model making to product visualisation, Paul's creative skills and passion to inspire talent led him to his current role as kitchen design course leader at Buckinghamshire New University.

The course, which was the first kitchen design course in the UK, works closely with the industry and has gained huge support from the likes of Blum, ArtiCAD and many other industry leaders.

'I've always had a great interest in design and innovation. I'm a firm believer in pushing the boundaries of design and adapting traditional techniques to create new and exciting products,' says Paul.

'To be part of the judging process means that I can gauge a true understanding of the design process, whilst appreciating the work and craftsmanship that goes into each entry,' he adds.



**GARY SMITH,**  
INSTITUTE OF CARPENTERS:

With almost 40 years of experience in the furniture production sector, Gary Smith is no stranger to the world of design and manufacturing. Following a lengthy career as a carpenter and machinery programmer, Gary now specialises in commercial CAD design, working on a whole host of well-known shop fronts, including Chanel and Patek Philippe.

A board member of the Institute of Carpenters and a true advocate for the industry, Gary brings a great understanding of the complete manufacturing cycle to the judging panel.

'I have a great interest in how things are made. I have been attending the W Exhibition for many years and for me, it has always been a hive of activity. To be asked to join the judging line-up is a great opportunity for me to immerse myself in an area I have great enthusiasm for and to put the latest innovations to the test,' says Gary.

# cabinet vision

www.cabinetvision.com

# alphacam

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Cabinet Vision's optimisation and ability to reduce waste, along with speeding up the design process are major benefits to Turin Components. The software does cost money – but it saves us an awful lot more.

Donal Walsh,  
Turin Components

As we've expanded our CNC range, we've seen the need for more advanced software to provide our customers' complex programming and nesting solutions. And this is done through Alphacam.

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Everything that we make is so custom, and Cabinet Vision is so customizable, that the flexibility of the software lends itself to a high-end atmosphere. It is like having another person in the shop.

Scott Davis,  
Scott Davis Cabinetmakers

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Jason Szukalski,  
Director - Anarchy Ltd

We spend a lot of time up front with Cabinet Vision to get the design right, but it ensures the workshop produces it accurately first time. Without it, we'd probably need three additional members of staff to achieve what we do.

Ruth Lovelock,  
Hetherington Newman

We're constantly developing our range of products, and Alphacam gives us the ability to control our own designs and manufacture them in-house for prototyping and testing.

Weoley Henderson,  
Engineering Manager - James Leckey Design



# COMPLETE HEATING AND EXTRACTION RANGE FROM WOOD WASTE CONTROL ENGINEERING

LEADING dust extraction specialist, Wood Waste Control (Engineering) Ltd is showing a full line-up of bestsellers from its comprehensive waste extraction, processing and heating equipment range at W18.

Equipment on show at W18 will include a WFS 2-module silo filter with rotary valve, four-bin fine dust filter, wood-fired heater and products from its chipper and briquettor ranges. In addition, the company will be showing two types of clip ducting system.

The company will also showcase its spray booths and downdraft benches. Specialised Depureco industrial vacuum cleaners will also be on display, for which Wood Waste Control is the sole UK distributor.

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

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

In addition to its own range of woodwaste conversion machinery, Wood Waste Control's range of manual and automatic warm air models are capable of burning a wide range of wood fuels automatically, as well as accepting hand-loaded offcuts.

The company has hundreds of successful installations across the UK, in Europe, Russia and Africa. As one of the country's leading



Wood Waste Control provides a complete dust extraction service.

dust extraction specialists all Wood Waste Control equipment is built to meet COSHH legislation requirements and can stand alone, or be used in conjunction with total-extraction return air heating systems.

Full details of the company's high-quality slip or clip ducting, manufactured from galvanised mild steel, is available at [www.ducting-online.co.uk](http://www.ducting-online.co.uk).

Want to find out more? Visit [www.woodwastecontrol.co.uk](http://www.woodwastecontrol.co.uk)

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# OVVO LAUNCHES NEW PRODUCTS AT W18



OVVO, the multi-award winning, innovative tools-free assembly solutions company, continues to lead the way in developing and bringing to market connection systems and solutions that deliver significant benefits to manufacturers.

The latest additions to the company's product range include the invisible V-1230 connection systems and a tool-free drawer slide connector both of which significantly extend the range of applications in which OVVO can be utilised.

The new solutions will be demonstrated at W18 in applications, including kitchen cabinets, cabinet to cabinet assembly, invisible shelf assembly and end panel alignment.

The new invisible V-1230 connector incorporates all features of the Interzum 2017 "Best of the Best" award winning V-0930 in a format that is ideally suited to high grade particle board of 15mm, 16mm and 18mm thickness and is available in both permanent and knockdown versions. It is also compatible with leading high-end materials, such as high pressure laminates, composite material and solid woods.

The OVVO drawer slide connection system is a unique fitting for mounting drawer slides to panels. It uses the innovative properties of the multi award-winning OVVO connection system to allow a drawer slide to be fastened accurately and easily to a processed panel, with no requirement for the use of any measurement, or alignment tools, or similar installation jigs.

Perfect alignment of a drawer slide's position can be easily achieved on opposite side panels using any nesting machine

to mill the housing profile.

The properties of the drawer slide connector then allow for the drawer slide to be locked in place, saving valuable time for the operator.

The team at OVVO has worked tirelessly with industry partners to ensure that the new connector is compatible with benchmark industry equipment - specifically with leading CNC equipment suppliers and software vendors to ensure ease of adoption leading to fully integrated manufacturing processes.

The range of applications that manufacturers are finding for OVVO continues to increase and the benefits and efficiencies that OVVO brings to customers are continually being proven: this invisible, tool-free connection system not only saves customers time and money, driven by increased production efficiencies, reduced product assembly times and reduced shipping and transportation costs, but also provides customers with a differentiated product, or service that allows them to develop significant competitive advantage in their industry channels.

Architects, interior designers and clients associated with prestige construction projects in both residential and commercial property sectors are increasingly seeking more flexibility in design and OVVO can inspire a wider range of design possibilities.

Want to find out more? Visit [www.ovvotech.com](http://www.ovvotech.com)

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# MAKA LAUNCHES NEW "PM MODULAR" AT W18

MAKA, the five-axis specialists will launch their new flagship at W18. The new MAKA PM-Modular features the same underpinings as the PM-270, with added value and higher performance. Being, "modular", it is available with a range of options, including a three-axis, or a five-axis head PM170, or both on the PM270.

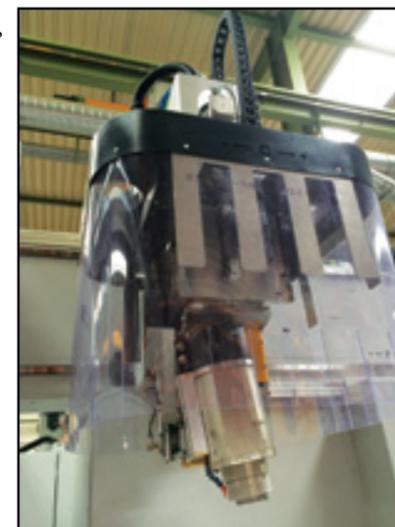
The PM Modular is quicker and easier to set-up and operates at high speed, thereby making this new model ideal for both bespoke and high volume joinery production, especially suited for large-scale hardwood timber joinery. MAKA's click system pods provide secure, precise workpiece clamping every time.

It is available with lengths of 4m, 6m and 8m, widths of 1300mm and 1600mm and a generous Z axis capacity of 400mm. The POWER-MAKA spindles are now standard, delivering greater power, flexibility, life and a longer warranty! There's also a choice of tool magazines.

The PM-Modular can also be supplied with either a matrix vacuum table, or the original pod and rail table, making the machine ideal for both panel processing and for solid joinery.

With the new model comes added visibility and accessibility too. Following research into improving safety and the user's experience, the PM Modular now features newly designed hoods, which open up the whole front, greatly contributing to safety and facilitating maintenance and setting.

As the range of applications for the



PM270 has grown, so has the variety and cost. The PM Modular addresses this, stripping back to the essentials, to provide an all-round solution with a high level of flexibility and performance,' says managing director, Iain Young

'In the process we've greatly improved the price. It's a natural progression, bundling the most sought-after options, without compromising quality, or performance,' he adds.

Want to find out more? Visit [www.maka.com](http://www.maka.com)



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W18 & ELEMENTS PREVIEW

# BA UNVEILS NEW JAYLINE DOOR RANGE AIMED AT KITCHEN MAKERS

BA COMPONENTS is always trying to bring out interesting and exciting changes to further enhance the range and scope of products they offer, making sure that their dealer network continues to be the very best in the UK market place.

With that in mind, BA is launching Jayline - a stunning new range of J-pull handleless doors, sleek and minimalist in appearance and which the company believes is set to become a true classic.

Jayline is a 19mm MDF J-profile fully wrapped handleless doors manufactured on a new state-of-the-art production line in Doncaster.

What makes this new door range so unique to the KBB market is that it's a full wrap door, laminated and edged with a PUR adhesive system, giving the highest heat and moisture resistance available.

Jayline by BA forms part of the Super 8 of BA Brands, with the initial September launch of a high gloss white door followed by another four gloss and five supermatt colours which will become available in January 2019. Jayline will allow you to create a minimalist look with plenty of personality and style.

'At BA, we launch products to reflect market trends by listening to our network of retailers,' says sales and marketing director, David Caulfield.

'We're excited to introduce this new door into BA's portfolio, as it marks further development and a fresh take on our handleless offer.

'This new door looks stunning in high gloss white and is set to be a real winner in the BA range,' adds Mr Caulfield.

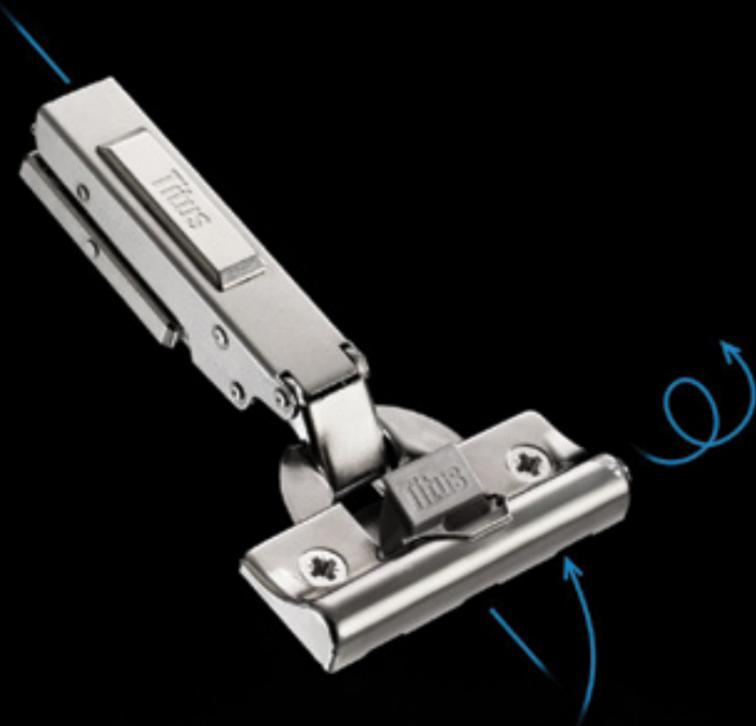
'We want to excite and enthuse the KBB market, whilst retaining a focus on what's important; our products, BA's quality service and our network of retailers,' says BA's managing director, Brian McCracken.

'We will be expanding our most successful product lines and introducing a range of new products and accessories into 2019 that will offer even greater choice and options for our resellers,' he adds.

Want to find out more? Visit [byba.co.uk/jayline](http://byba.co.uk/jayline)



# A WIDE RANGE OF INNOVATIONS



AT this year's influential SICAM Exhibition in Pordenone, Italy, which takes place from October 16-19, cabinet hardware expert, Titus is showcasing and demonstrating a wide range of innovations.

These include T-type hinges with their unique three-way snap-on mounting system, Quickfit TL5 full metal jacket dowels that provide exceptional pull-out strength, new Tekform drawers that offer even better space utilisation and custom damping solutions that eliminate noise and improve safety.

T-type hinges, which are now available in production quantities on short lead times, offer a choice of three different snap-on mounting methods. This makes them easy to install even with heavy doors where four, or five hinges per door are needed.

T-type hinges also need only shallow hinge cups, which means that they can be used with door thicknesses from 15mm to 26mm, eliminating the need for users to source and stock different hinges for different types of door.

These unique hinges are also exceptionally tolerant of accidental misalignment and drilling errors. They feature integrated damping that can be quickly and easily adjusted to provide optimum performance for a wide range of door weights.

Quickfit TL5 full metal jacket dowels provide dependable high-strength connections in chipboard, MDF and solid wood, without the need to supplement them with wooden dowels. This makes furniture assembly faster, easier and more convenient, as well as minimising the number of components required.

The expanding steel sleeve featured by TL5 dowels ensures reliable engagement in dowel holes, while their unique self-adjustment feature minimises the effect of drilling variations.

The Tekform drawers on show at SICAM include the new slimline versions. While retaining the premium-quality double-wall construction used in the standard Tekform drawers, these new versions have slim 14mm side panels which enhance their appearance and make extra space available within the drawers.

An important benefit for existing users of Tekform drawers is that the slimline drawers are interchangeable with the standard types, so no re-design, or re-tooling is necessary when upgrading to the latest versions.

To complement its standard products, Titus is highlighting its market-leading custom damping solutions at SICAM.

Available in linear and rotary versions, these provide effective and efficient motion control for doors, drawers, lids and other applications where rapid initial closing followed by a soft final close is needed.

Titus damping solutions are tailored to suit the individual user's needs. The company holds large stocks of components including springs, piston rods, pistons, housings, caps, valves and connectors, which means that it can offer speedy delivery.

Throughout the SICAM Exhibition, experts from Titus will be available to provide information about the company's latest developments and to give advice and guidance relating to visitors' specific assembly requirements.

They will also be pleased to discuss the TITUS Consumer Assembly Friendliness (CAF) service and Fastfit pre-insertion systems that greatly simplify and speed the assembly of furniture on site and in the home.

Want to find out more? Visit [www.titusplus.com](http://www.titusplus.com)

# EFFICIENT MOTION CONTROL FOR BOTH DOORS AND DRAWERS

FIXTURES & FITTINGS

CABINET hardware expert, Titus is now offering a comprehensive range of customised dampers that ensure effective and efficient motion control for doors, drawers, lids and other applications where rapid initial closing, complemented by a soft final close, is needed.

Titus dampers are offered in linear and rotary versions. They are backed by the company's expert advisory service, which ensures that users are always supplied with products that exactly match their requirements.

Titus supplies both long- and short-stroke dampers with damping force up to 350 N for short-stroke types.

All types feature exceptionally compact construction, which makes them easy to accommodate even in applications where space is at a premium.

They also offer outstanding durability and complete freedom from leakage, even in tough operating conditions.

Their modular design allows them to be customised quickly and cost-effectively to suit specific applications.

Hydraulic dampers from Titus offer consistent and reliable

performance over a wide range of operating speeds.

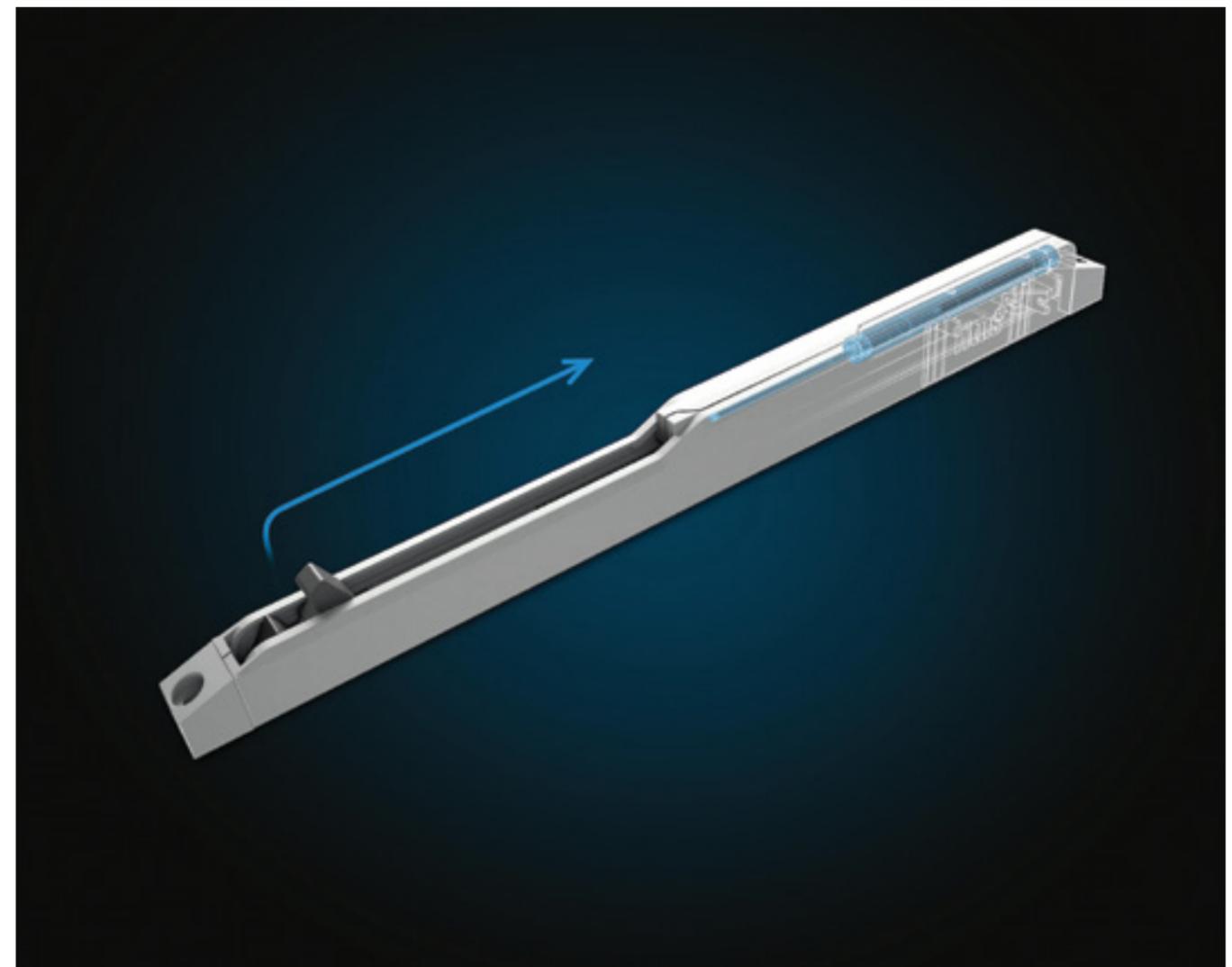
Their well-controlled damping curve makes possible the fine tuning of operating forces and allows flat, progressive, or reverse damping actions to be achieved, as well as guaranteeing minimal bounce.

In addition, the unique design of Titus dampers means that they are less temperature-sensitive than other types and can deliver their specified performance at temperatures as high as 120 °C.

In order to ensure fast delivery on customised products fine-tuned to suit the user's needs, Titus holds large stocks of damper components including springs, piston rods, pistons, housings, caps, valves and connectors.

In addition, the company's expertise in precision engineering allows it to design and manufacture accessories, such as custom trigger mechanisms and special housings, which further extend the versatility and usefulness of the damper range.

Want to find out more? Visit [www.titusplus.com](http://www.titusplus.com)



# NEW KITCHEN DRAWER SYSTEMS LAUNCHED BY NEY



Starbox

STARBOX, the flagship eco drawer system from Ney boasts a premium soft close drawer programme with affordability in mind.

The unique selling point for manufacturers is that the drawer has been designed to take 18mm board.

For many smaller producers this can make production quicker and cheaper, because 18mm board does not have to be routed down to 16mm to fit, saving a process.

By the same token 16mm board does not have to be purchased specifically for drawers, allowing optimisation of the board with previously scrap material able to be used for drawer bases and backs.

The Starbox has many different possibilities that cover all aspects of perceived value, for the contract market manufacturers tend to use just a gallery rail for their pan drawers and for the higher end a glass side panel is

very much the preferred choice.

The current market trend is to have internal drawers with aluminium front panels in tall larder units and with the Starbox, glass front and side panels can be added for the top end of the market.

Kubox is the newest member of the Eco drawer range. Kubox is Ney's slimline drawer with an impressively thin 12mm thick drawer side - maximising the full width of the drawer.

The Kubox has an upgraded slide with rack and pinion synchronisation that minimises any lateral movement on the drawer to ensure there are no failures to the mechanics of the drawer.

Again the unique selling point for Ney's customers is that the drawer has been designed, just like Starbox, to take 18mm board.

The impressive design feature of the

Kubox is that you do not require a gallery rail to go to a higher drawer; Ney offers three different drawer height options - 90mm, 128mm and 175mm, giving a very modern contemporary finish.

However, there is a retro fit gallery rail, if you do require a higher drawer front.

The Eco drawer range truly allows you to be versatile with your product offering, as you can meet all aspects of price.

More importantly, when you choose Starbox, or Kubox as your Soft Close drawer partner the confidence in reliability, quality and longevity will quickly be realised.



Want to find out more?  
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# THE BEST WAY TO FIT KITCHEN UNITS



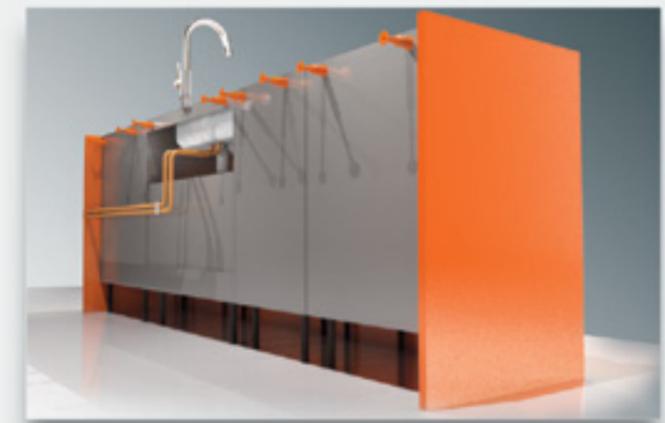
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OR SPEAK TO YOUR STOCKIST

# HETTICH SETS THE PACE

BY ADDING QUADRO DRAWER RUNNERS TO GIVE BASIC CABINETY REAL ADDED VALUE



HETTICH has adapted its renowned Quadro kitchen drawer runner to give more basic cabinetry real added value in terms of performance and appearance.

Quadro can now be used in conjunction with 18mm wood, or fibreboard in applications where KA runners fitted to the side of the drawer box would more typically have been used. For a small uplift in price, manufacturers can offer the superior performance of Quadro, plus the fact that it is concealed under the drawer box.

Quadro features high precision, maintenance-free steel ball bearings and the whole assembly is made from galvanised steel and, therefore,

suitable for rooms exposed to moisture. Its profile geometry makes for high tracking stability and strength. The result is a well-balanced, smooth running action, which is bound to impress end-users.

Quadro also benefits from Hettich's platform concept, providing many options for differentiating furniture using the same drawer and carcass. Choices include partial and full-extension runners, plus Silent System soft close and the innovative synchronised Push-to-open mechanism for handleless furniture.

Want to find out more? Visit [www.hettich.com](http://www.hettich.com)

Introducing an innovative extension to our award-winning range of connectors - the new OVVO® V-1230 Invisible Connection system.



THE FUTURE OF CONNECTION



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DEALING WITH THE DUST

# 26 YEARS MANUFACTURING QUALITY PRODUCTS



NORDUCT has been manufacturing modular clipped ductwork since 1992 in a workshop having 3000ft<sup>2</sup> with all the usual standard sheet metal working machinery. The business is run by operations director, Bill Belcher, who has successfully grown the business to be what is claimed to be the only complete manufacturer of seam welded rolled edged modular clipped ductwork in the UK.

A total of 26 years of manufacturing quality products to tight schedules and delivering on time has taught the company the importance of understanding customer requirements.

Today the manufacturing facility bears no resemblance to the early days with automation and a flexible labour force being the cornerstones of success.

In order to produce quality products on a 24 hour turnaround with competitive prices, the company realised that CNC automated machinery was the only way forward and not to rely on external supplies.

The first CNC operated machine to be purchased was an automatic roll-forming machine to manufacture the connecting clips for the rolled edge ductwork. This was purchased in 2001, together with a press for manufacturing the handles and a selection of punches to complete the process required.

This purchase proved an immediate success with prices being very competitive and Norduct not relying on an outside supplier. From this purchase several opportunities arose to supply clips to other rolled edge ductwork manufacturers, particularly in North America, where today several thousand are despatched every month to several clients in the USA.

The next major step was to automate the manufacture of all straight ductwork to improve quality and speed up production. This proved to be a more difficult task than was first anticipated but, following extensive search, a manufacturer in Austria came up with the solution.

Since 2007 all straight ductwork is now manufactured from a steel coil where the steel is straightened, cut to length and rolled, all by CNC



controlled machines, automatically before being seam welded on an automatic welding machine.

The complete process to manufacture one length of duct now takes only two and a half minutes, with far greater accuracy and quality than achieved with the old manufacturing process.

All other manufactured items such as bends, taper branches, transformation pieces etc are manufactured on other CNC operated machinery, such as the plasma cutter and bend forming machine.

Today from a 22,000ft<sup>2</sup> manufacturing facility, Norduct supplies ductwork to the UK and European markets, to various industries, including joinery, woodworking, textile, printing, paper, food and many more.

Besides manufacturing from galvanised steel, ductwork is also manufactured from stainless steel for the food and pharmaceutical industries.

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BA Components' virtual tour is literally the next best thing to being on their factory floor. This high definition, fully 360 tour offers viewers a complete interactive experience by clicking on embedded video at each stage of the kitchen door manufacturing process.

'We wanted to showcase our business in a very different and unique way by creating a virtual factory tour of our modern manufacturing facility. We planned to put our audience at the heart of the action and this technology certainly does that,' says sales and marketing director, David Caulfield.

The BA virtual factory tour can be viewed on all smart devices, IOS or Android based, tablets, desktops and

even personalised BA Components VR headsets.

'Our virtual factory tour not only gives our customers confidence in purchasing BA products, but also allows them the chance of opening the doors to where the magic happens from the convenience of their office or home,' continues Mr Caulfield.

In a world full of pop-ups, video skimming and short attention spans, this is a huge win for BA Components as a very valuable medium for fully immersive brand engagement.

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## KITCHEN CABINET MAKER HAS NO REGRETS PURCHASING FROM ALAN LAMONT

CRISPIN and Gemma Furniture Design, of Marlborough, Wiltshire, is a specialist cabinet maker and specialist kitchen manufacturer, which was established 25 years ago.

The team of four specialises in “things you can’t get anywhere else one off and unusual designs, from super modern to extremely traditional,” says Crispin Forster.

The company benefits significantly from repeat business with clients with whom it enjoys a good relationship.

In the summer of 2017, Crispin needed to upscale his production. In order to achieve this, he purchased a Woodwelder and a clamping system from Alan Lamont of Lamont Clamping.

‘A long standing commercial customer contacted us with a big contract, which involved a great deal of hardwood frame and door construction for bars and commercial kitchens in sapele, ash and beech.

‘We already had a full order book, so we needed to completely change our methods of manufacture for this contract.

‘The CNC work was outsourced, but all the frames were made in-house. They had to be separately constructed and we had to know that they would fit together perfectly.

‘The Lamont system was really helpful, as it keeps everything square. It was very important that it was really, really accurate and that the guys in the workshop could use it with minimal training.

‘I chose to make the purchase from Alan Lamont, because of the clamping system he sold and because of his telephone manner.

‘Alan has a big variety of different clamping systems and you could see he had really thought about applications. He knows the industry and understands exactly what is required. I was also impressed with the quality of what he was selling.

‘It was obvious he was a specialist: as soon as you start talking to him, it is obvious that he knows what he is talking about and he offers very good guarantees.

‘We use the clamping system and Woodwelder a great deal of the time for panel door manufacturing and also for worktop manufacturing.

‘Whilst the Woodwelder cannot be used for all worktops, for example oilier woods, such as Iroko, it is very good for tulipwood.

‘However, really heavy kitchen worktops can be left in the clamp overnight and the

clamping system really is a panacea!

‘The Woodwelder, which was well priced, is very, very good for panel door and frame construction, as well as for dovetail drawers. We try and do as much as we can on it, as it is easy to use.

‘Another advantage is that with the Woodwelder glue dries in minutes rather than hours. This represents a significant time saver.

‘Everyone in the workshop is an accomplished cabinet maker and can think for themselves, so we are continually improving our methods of working.

‘One great advantage of the new system is that, if you are careful, you can clean the glue off the reverse side before it is completely dry. With traditional clamping methods, this is not possible.

When asked if he would recommend the clamping system, the Woodwelder and the company, Crispin replied:

‘I would highly recommend it! I am very happy with the purchase and should have done it 15 years ago: that is my only regret.’

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# HOW TO DESIGN A SHAKER KITCHEN

LOOKING for a timeless design for your kitchen? Shaker kitchens never date, look wonderful in both contemporary and traditional homes and are easy to decorate.

There is no other kitchen style that has stood the test of time quite like Shaker, nor is the one which is quite so universal. A Shaker kitchen will suit a country cottage, a grander period residence, or even post-war homes that eschew minimalist kitchens.

The key to the timelessness of Shaker kitchens is their simple, unpretentious design, with no elaborate mouldings, or fussy decoration. Here's how to create the perfect Shaker kitchen.

## WHAT IS A SHAKER KITCHEN?

A Shaker style kitchen is simple, functional and easy to live with. 'Shaker kitchen style is very versatile. It achieves so much and gives the impression that it's an effortless look that will continue to look fresh in years to come. It can be dressed up or down and it can be truly traditional, or with a modern edge.

## WHO WERE THE SHAKERS?

What most sets Shaker style apart, is its unique history.

The United Society of Believers, commonly known as the Shakers, were a religious group that broke away from the Quakers in the late 18th century, earning their moniker from the shaking motions and dancing used in their worship.

Originating from Manchester they emigrated to America, initially settling in New York, before later spreading out across the region of New England.

The Shakers were keen craftspeople, producing homespun furniture for their own, predominantly self-sufficient communities, as well as to sell on. They were known for the high quality of their workmanship, with Shaker furniture revered for

being simple in style, durable and functional.

They believed that manufactured goods should be honest in both construction and appearance and that practices, such as veneering and applied ornamentation were "deceitful". Although they did use decorative features, such as the heart or the "tree of life", these were used sparingly.

## SHAKER FURNITURE DESIGN

While other American designers used imported woods, such as mahogany and rosewood, Shakers made most things out of local timbers, such as pine, maple and cherry.

Most pieces were originally painted, or stained, with popular colours being blues, greens, reds and yellows. In place of imported brass cabinet furniture, Shakers used simple turned-wooden knobs.

With such an appealing ethos of thoughtful, quality craftsmanship and simplicity of style, it is no surprise that Shaker-inspired units have become a mainstay of modern kitchens.

Designs, however, are rarely faithful, with the style's clean lines lending a timeless back-drop to 21st-century appliances, smart storage and characterful accessories.

While features such as side panelling and glass aren't strictly Shaker features, they can be beautiful complements to new kitchens.

## HOW TO CREATE A SHAKER KITCHEN

Simple, unadorned free-standing furniture made of real wood, either left natural, or painted, with panelled unit doors, is a staple of the Shaker look.

Buying separate modules will allow you to have the freedom to re-arrange the layout in the future.



Chris Drushell  
Sant Michale  
Longwood, FL



If that's not practical for your kitchen, then there are many manufacturers that produce beautiful built-in ranges.

Where space allows, a central kitchen island, or kitchen dresser, on which to display your treasures, will give the impression of a free-standing kitchen design.

### HOW TO PAINT KITCHEN CABINETS

Painting Shaker kitchen cabinets is a good way to update an existing kitchen and to achieve a bespoke look. Ideal kitchen cabinet colours include cream, muted green, pale grey-blue, or pink, but even deep blue and red work well as accent colours, perhaps confined to just one statement piece.

Combine two different colours, or natural and painted finishes, for a more characterful look, but don't overdo it: if colouring the units, keep the walls neutral and vice versa. It is perhaps a good idea to avoid using patterns unless they are naïve and natural.

### SHAKER KITCHEN DESIGN DETAILS

Traditionally, cabinet door furniture was timber knobs, painted, or stained to match the colours of the units, but satin nickel knobs, or cup handles are a good alternative.

Worktops were also wooden, but more modern materials, such as granite, or quartz are often more practical and hardwearing and will give the kitchen a contemporary edge.

It is important to include either open shelving with a few often-used objects, or glass-fronted wall units in the design, to break up a solid row of doors and let you show off beautiful glassware, or china.

### KITCHEN STORAGE IDEAS FOR SHAKER KITCHENS

The Shakers believed in having a place for everything and keeping everything in its place, making drawers and cupboards to fit each item exactly. Take a leaf out of their book by designing in specific kitchen storage for key items, such as knives and a butcher's block. Try to hide all appliances behind simple doors, as this keeps the look serene and seamless.

One instantly recognisable feature of Shaker kitchens is the peg rail, a simple strip of wood with round pegs, which was used to create wall storage space for coats, hats, brooms and even chairs while the room was cleaned.

You can use one over a worktop to display kitchen

paraphernalia, blackboards, aprons and that Shaker symbol, the heart. Below the worktop, wicker storage baskets are ideal for a country look.

### CHOOSE RECLAIMED FURNITURE FOR SHAKER KITCHENS

Visit flea markets to search for old chairs to paint. The quintessential Shaker chair is upright with three horizontal struts across the back and a woven fabric seat, but any country-style chair will look good, such as the Windsor design.

Sourcing old chairs and a table will make the room more believable and less contrived. If there's space for a main table, one with a wooden top and painted legs will provide the perfect finishing touch.





Felder's FAT 300 work-table is highly versatile and allows Greg Cox to use it for a variety of different purposes; it can serve as a work bench, a storage area, or as an infeed or outfeed for the company's planer.

## A RANGE OF FITTED KITCHEN FURNITURE MADE POSSIBLE WITH FELDER MACHINERY

GREG Cox has steadily added to his roster of Felder Group UK machinery to help him improve the quality and consistency of the company's output.

Based in Leyton in East London, Greg Cox studied fine art and started his career as a set builder before starting up his own company in 2011 producing fitted kitchen furniture from his workshop in East London.

'I saw some furniture and thought, I could make that and it had a big price tag, so I thought I would give it ago and it has evolved naturally from making small pieces into what I make today,' says Greg.

In 2012 Greg purchased his first machines from Felder Group UK - an A3-31 planer/thicknesser and a N4400 bandsaw from the Hammer range.

'A friend of mine had a Hammer planer/thicknesser and I was blown away by it. You could take this rough bit of wood, put it through the planer and it emerged as a beautiful workpiece.

'I immediately went straight on and found a review for the Hammer A3-31, which I purchased because it had such great reviews. I also purchased a bandsaw at the same time.

Since then, Greg has added to his collection, purchasing a K3 Winner panel saw, which has been upgraded to a Felder K 700 S as the business has grown, as well as buying an RL 200 dust extractor, a FAT 300 work-table and, most recently, a Felder F 700 Z spindle moulder.

'The spindle moulder is incredible. There is digital rise and fall on this machine as well as the table saw - and being able to get it that accurate is amazing! It has allowed us to make new items, such as handles and edge pulls, as well as our own mouldings. It's made everything much easier and with the power feeder it's also much safer,' says Greg.

Speaking about his FAT 300 work-table, Greg says:

'I've wanted it for years - I like the fact that it's a work bench, it's a table for storing stuff on, you can finish things on it, you can change the height and wheel it around.

'I can make it the same height as my van, slide everything onto it, wheel it into my workshop, pump it up and slide it onto my bench. After that, I can use it as an infeed, or outfeed for the planer - it's so versatile, it's amazing. It's like having an extra pair of hands.

When asked about the service he receives from Felder Group UK, Greg commented:

'I like the fact that if everything is with one company. It's one port of call. If an engineer comes, they can service all the machines in one hit, which is brilliant and makes my life much easier,' concludes Greg.

Want to find out more? Visit [www.felder-group.co.uk](http://www.felder-group.co.uk)

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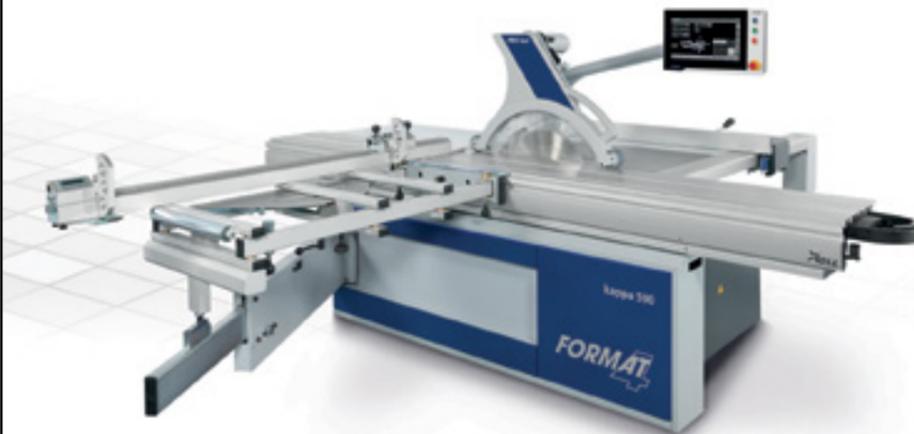
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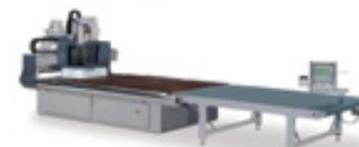
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# SIRIUS PROVIDES A SERIOUSLY GOOD SOLUTION FOR KITCHEN MANUFACTURER

WHEN developing his business, Leyland based Galaxy Interiors managing director, Ian Markinson soon realized that his company's multi-borer was not keeping up with his production needs.

Galaxy Interiors is a young business focused on kitchen, manufacturing. Using a traditional multi-borer to drill cut and edged panels was becoming problematic, but the solution came in the form of an AES Sirius 950M point-to-point boring machine from local supplier, J & C O'Meara.

'Our business began through necessity. My wife and I were looking to furnish our own home. We found affordable furniture, but the quality was poor and with a limited choice of colours and styles – whereas the furniture we liked was far too expensive. So I set out to do better myself!' says Ian.

Ian established the business, initially in his garage, then moving to a small unit and now to a 3000ft<sup>2</sup> premises with room to expand.

Ian is now fast developing a reputation for good quality replacement doors and full kitchens. Currently a lot of his contacts

are using Galaxy Interiors as a local, reliable, quality-oriented designer and manufacturer.

In the 18 months since he started, Ian naturally had to evolve the operation.

'In terms of equipment, I have an Altendorf panel saw, a Robland edge-bander and my latest machine, an AES Sirius 950M CNC drilling and milling machine,' explains Ian.

Supplied and installed by J & C O'Meara, the AES Sirius 950M point-to-point boring machine is a high quality machine designed for flexible drilling and routing applications.

It provides a cost-effective solution for kitchen manufacturers who can typically cut and edge panels efficiently, but then bottlenecks develop because of having to use traditional boring machines, or manually marking out, drilling and screwing – slowing the process down and increasing the potential for errors and quality issues.

'Working with Carl O'Meara and the guys at J & C O'Meara has





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been really superb, absolutely first class!' says Ian.

Ian comments that the multi-borer he used before purchasing the Sirius was slow and quite a challenge.

'There were so many settings to operate and you had to remember them for the interlocking – it was quite mind-blowing at times. I really needed to upgrade this part of my business, as it had become a chore, says Ian.

'By comparison the Sirius is so easy to use – it has speeded up our work dramatically and has made the product much better too, because it's so precise,' explains Ian.

The Sirius machine has a heavy duty construction weighing almost 1.5 tons, which is reassuring when it can operate at speeds up to 70m/min.

Even large panels are loaded and move through the machine with ease thanks to the air flotation tables and are firmly held for positioning by the pneumatic gripper.

The machine has a generous 950mm working width and is equipped with 10 vertical drills which drill from below to ensure that the working surface and all holes are kept dust free whilst also having the benefit of increased accuracy, as the drilling depth will always be correct despite any tolerances in the thickness of the workpiece. The machine is also equipped with horizontal drilling to all four sides and a grooving saw for the X axis.

With the addition of the optional router head, a range of tasks can be easily resolved such as grooving for solid backs on carcasses, routing out for cable management, pipes or skirting and shaping for corner units.

Ian sees his Sirius investment as extremely worthwhile:

'We really needed to change how we were getting this part of the job done. We had to achieve a better drilling option than what we were doing before.

'With the brilliant Sirius it's done in a fraction of the time and the quality is spot on and it's easily repeatable. I would definitely recommend one!' concludes Ian.

Want to find out more?  
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Forsa 4.1 - P1	Workshop	Inc Professional STC + TWE + TLE + Scorer	6.5 / 1.0 / 405v	107 mm x 2.1 m	£3,995.00	£4,794.00
Forsa 8.0 - P3	Professional	As illustrated above	6.5 / 1.0 / 405v	107 mm x 2.6 m	£5,420.00	£6,504.00
Forsa 9.0 - P3	Professional	As illustrated above	6.5 / 1.0 / 405v	107 mm x 3.2 m	£5,575.00	£6,690.00

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OPEN SHOWS



# AXYZ TO HOLD OPEN HOUSE IN TELFORD

BUILDING on the success of previous events, AXYZ International will be holding another open house event on October 10 at the company's main assembly and supply facility.

This is situated on the T54 Business Park in Telford, adjacent to the M54 motorway and with links to other major road networks.

The event will be open to both existing and potential new customers in the industrial woodworking, furniture and joinery production, panel processing, sign manufacturing and plastics and metal fabrication industries.

Senior AXYZ International management and technical personnel will be on hand to offer advice and explain the company's product training courses, ongoing technical and maintenance support and the comprehensive online 24/7 spare parts and accessories facility available.

Key products to be demonstrated will include routers from the company's power brand AXYZ and Pacer series of machines, including the latest AXYZ Trident hybrid combined routing and knife-cutting system.

This has enabled owners of the machine to maximise the huge new business potential that exists in industries not currently served by their core manufacturing activities, including primarily the digital printing, labelling and packaging sectors.

For the first time, a new waterjet cutting machine will be shown. It marks AXYZ International's entry into the highly specialised waterjet cutting technology sector, enabling the company to provide a viable alternative to traditional CNC routing and knife-cutting systems for the processing of materials these cannot handle.

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# PROMOTING SAFETY IN THE WAREHOUSE

MIDLAND Pallet Trucks has issued a timely reminder that lighting is one of the most important factors when it comes to warehouse safety, as the winter period and darker nights draw closer.

As a supplier of quality hand pallet trucks, manual stacker trucks and other specialist truck solutions for the warehouse and logistics industry, Midland Pallet Trucks has a deep insight into the sector. It sees lighting as one area where many warehouse environments fall short when it comes to safety.

The firm, aware of the importance of adequate, full-coverage lighting from their experience with their own 60,000ft<sup>2</sup> warehouse, is keen to stress the importance of lighting and how it massively affects safety standards.

As such, they've made some actionable recommendations for the sector.

Midland Pallet Trucks points to the need for organisations to access and appraise the latest lighting systems available to the market.

As the usage of a warehouse environment can vary depending on shifts, time and other factors, it's essential for firms to find the right solution for their particular needs.

The latest anti-glare developments in LED lighting can deliver economical lighting without the risk of accidents due to unexpected glare.

However, the firm is also at pains to point out that warehouses carry unique challenges when it comes to lighting, with open spaces, narrow access points and elevated working positions

all present. What this means is a need for a specialist industrial lighting solution that understands these needs.

One of the main areas of focus, according to Midland Pallet Trucks, should be an in-depth consultation with workers about their issues, needs and requirements.

The investment in lighting systems must meet worker needs, the firm cautions, as they are the people most at risk when inadequate, or poorly placed lighting is an issue.

'We know from experience that getting warehouse lighting right is no easy task. When you have a huge space to light with narrower aisles and other areas to light, plus machinery and equipment running, ensuring the right coverage is very difficult. However, at the same time, it's a hugely important part of workplace safety,' says managing director of Midland Pallet Trucks, Phil Chesworth.

'In an environment where you have workers moving heavy loads, accessing high shelves and generally doing their jobs, no organisation can afford to have dim or inadequate lighting. And it's also vital to ensure that lights are blinding workers with glare because that's just as dangerous.

'These are all reasons why we advise taking a broad overview at first, consulting with workers and then implementing a well-planned lighting design and layout to ensure goods get from A to B safely and undamaged,' he concludes.

Want to find out more?  
Visit [www.midlandpallettrucks.com](http://www.midlandpallettrucks.com)

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