

Kitchen Maker

AUTUMN 2018

Online

ALPHACAM

**BREAKS DOWN A TYPICAL
KITCHEN READY FOR CNC
MACHINE TOOLING IN
DOUBLE QUICK TIME -
SEE PAGES 26 & 27.**

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

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018



CUSTOM-BUILT KITCHENS

KITCHENS TO SUIT THE NEEDS, TASTES AND LIFE-STYLES OF EVERY CUSTOMER

THWAITE Holme is based at Dalton near Carlisle and has been designing, manufacturing and installing quality fitted kitchens for over 40 years.

At Thwaite Holme the aim is to offer the custom-built kitchens to suit the needs, tastes and life-styles of every customer. Every single design produced is personal to the individual customer.

The company's showroom has a selection of popular styles from classic ranges to more contemporary offerings and ranging from designs in oak, walnut, maple and ash, as well as hand-painted models.

The showrooms provide an insight into the traditional craftsmanship and attention to detail which is a feature of every piece of Thwaite Holme furniture.

In order to complement the fitted kitchen units produced by Thwaite Holme, the company also offers a wide range of sinks, appliances and worktops in granite, wood and laminate.

Each individual kitchen is manufactured in the company's own workshops in Dalston and is produced by a very skilled team with years of experience in cabinetry and bespoke furniture and who pride themselves in the quality of each piece of work they produce.

Recent upgrades in machinery used in the company's workshops include a matrix table from Lamont and an Omec 750CN dovetailing machine (See Pages 10 & 11 of this issue for the full story)

Thwaite Holme kitchens are fitted by the company's team of experienced fitters with care and attention, with every step being taken to minimise the least possible disruption to the customer's daily routine.

Want to find out more?
Visit www.thwaite-holme.co.uk



VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

SPANISH WORKTOPS MAKE THEIR WAY TO FASHIONABLE HOMES IN MIAMI



One of the latest worktop designs for the modern kitchen to emerge from Cosentino

GRUPO Cosentino is perhaps the biggest name to come out of the Almazora Valley in Spain. Now the company is expanding its American empire in Miami.

In 1940, Eduarda and Eduardo Cosentino, parents of the current owners of the Cosentino Group, started quarrying and carrying out basic marble processing in Macael in the province of Almería.

The experience the Cosentino family had in the marble sector led the second generation to create Mármoles Cosentino, S.A. in 1979.

Throughout the 1980s, Mármoles

Cosentino S.A. expanded its business to other parts of Spain and further afield into Europe

Initially, the company was an initiative of Francisco Martínez-Cosentino Justo and his brother, Eduardo Martínez-Cosentino. Some years later a third brother, José Martínez-Cosentino, joined the company, which began operations with just 17 workers.

In the early years, the company operated out of a single small warehouse in Barcelona, which was mainly used for stocking marble.

However, the Martínez-Cosentino brothers realised that their activity could not be limited to just extracting and processing “White Macael” marble and so they decided to adopt a strategy of diversification and international expansion by investing in research and innovation.

Following this line of research and development, Cosentino embarked on an ambitious project, which culminated in the construction of a revolutionary factory, where Silestone® was first manufactured in 1990.

Five years later, this product proved to be a huge success throughout Europe in the kitchen worktop sector.

Thanks to the company’s commitment to research and development, other leading materials were later created in their respective sectors, such as ECO by Cosentino®, Cosentino’s recycled surface; SENSA®, the company’s line of granite with unique anti-stain protection and, more recently Dekton® - a revolutionary, ultra-compact work surface.

The company’s strong commitment to developing innovative materials and offering high-value solutions to the world of architecture and design has always been accompanied by a determination to increase the company’s international presence.

Now the company has opened its new North American headquarters in Florida City.

Cosentino currently has the widest sales and distribution network achieved by a Spanish company in the industrial sector in North America, with a total of 42 Cosentino centres - 36 located in the USA and four in Canada, including three Cosentino showrooms and two distribution hubs.

The Spanish company has recently opened six new centres in the USA, providing facilities, which combine the functions of warehousing, a training centre, offices and showrooms. These launches mean that Cosentino now has its own facilities in half of the 50 American States.

Another differentiating asset in the Cosentino distribution model, the “City” showroom concept, is also the star of this expansion, as Cosentino already numbers three of these showrooms in New York, Toronto and the latest two - one in San Francisco and another in Montreal, which

had their official opening recently. This presence is completed with two distribution hubs and a total of 12 surface elaboration and transformation plants.

In addition, it is projected that there will be a growth in the number of employees to over 1,200 in the USA and Canada by the end of this year.

As a result of this high implementation and in order to augment the company’s plans for future growth, the headquarters of its subsidiary “Cosentino North America” is now located in Miami, following a move away from Houston in Texas.

This strategic decision has led to greater efficiency on the part the management of the North American market, as well as improving the co-ordination both with the Group’s headquarters in Almería in Spain and throughout Europe.

In other news, Cosentino has recently launched Dektonclay, a new project designed by Apparatu, which explores the versatility of the ultra-compact surface Dekton®.

This project is the result of a collaboration begun three years ago between Cosentino and the ceramic atelier and Spanish design studio lead by Xavier Mañosa.

For this new Dekton® project, Xavier Mañosa has explored the concept of the kitchen, creating a collection of pieces which gather together cooking and eating through one material.

Attracted by the idea of using the same material in every part of the kitchen, he has presented a collection of table and kitchenware, items of furniture and even a whole kitchen.

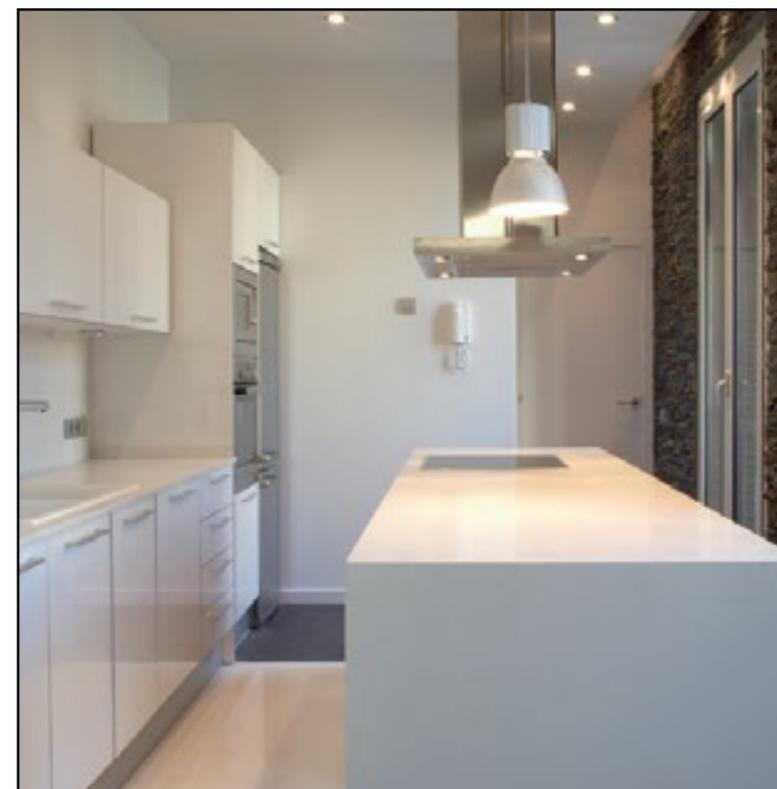
The ovens, the kitchen worktops, the structure and the handles are created with Dekton®, modelling, pressing, extruding and firing, pushing the malleability of the material in different artisanal processes, all together with the easy, but decisive strength of the fire coming from the stove.

The aim of the ceramist was to discover new ways of working with Dekton to find out how the material behaved under different temperatures, or conditions of density and to discover how versatile Dekton could be, as well as exploring different uses to which it could be subjected.

Dektonclay combines Apparatu’s crafted pieces with the industrially produced ultra-compact surface in its black colour Spectra XGloss.

‘I chose this Dekton® XGloss finish specifically because its spectacular glossy surface contrasts with the matt finish of the moulded pieces that serve as a support, thus creating a very powerful glossy/matt visual effect,’ says Xavier Mañosa.

Want to find out more?
Visit www.cosentino.com





50 SHADES OF GREY IN THE KITCHEN

GREY may not be the most obvious colour we think of when choosing the colour of kitchen units, but for the bachelor kitchen grey as a colour has a definite masculine appeal.

However, whether the person responsible for doing most of the cooking is male or female, if you are looking for an alternative to white kitchen units, you really can't go wrong with grey.

Grey kitchen units can transform a kitchen design, adding character, individuality and a timeless elegance.

In the past, there may have been more of an all-or-nothing approach to colour in the kitchen – remember lime green and orange in the 1970s? Today's palette is more restrained, with grey kitchens proving a major hit.

Tone is important too, even within the grey family warmer greys create a different feel from blue-based shades of slate, for example.

When choosing an accent colour or a mixed palette for your grey kitchen, it's wise to follow tried and trusted colour theories. It is always a good idea to select complementary colours which are next to each other on a colour wheel, or contrasting shades from completely opposite sides of the wheel.

Soft, pale greys tend to work well in smaller kitchens, but larger spaces may need some sections of bolder colour to prevent the

scheme looking bland and wishy-washy. Pale grey colours can be successfully mixed with deep navy, or even a shot of fuchsia pink.

There is something about grey which ensures that it works just perfectly for kitchens. The colour teeters between a relaxing neutrality and an exciting warmth, managing to provide the best of both worlds.

It is the perfect colour to choose whether you want to contrast brighter hues on your floor or fabrics, create textured variations in your kitchen space, or create an exciting yet relaxing space.

One area where it has become common is in kitchen cabinets. More and more homeowners are opting out of the popular all-white, or wood-brown cabinet styles to try out grey painted kitchen cabinets.

One common reason why homeowners avoid grey is the colour's association with dullness, modesty and boredom. However, any other colour scheme can also be given these attributes. It all depends on how you mix and match.

Different colours and textures can be used to create an amazing style with grey cabinets being a big part of it.

At first glance, grey seems like an odd colour to choose for the kitchen, an area that is often associated with bright and overly warm colours.

Why is it then, that more and more homeowners are opting for grey-themed kitchens? The answer is in the psychology of the colour.

A kitchen where everything is grey in colour is bound to be dull and quite depressing. Can you imagine a grey floor, grey walls, grey ceiling, grey everything?

However, in this case, we are talking about using one aspect of the kitchen - the cabinets, to create the perfect décor for your cooking space.

A kitchen adorned with grey cabinets, and the right matching colours, is far from dull or depressing. The psychological experience is far more positive.

Grey has an unmistakable feeling of classic style and unmitigated luxury. It is relaxing yet exciting. There is a certain hard-to-explain way in which grey causes a deep sense of relaxation through its contrast with other nearby colours and textures.

Grey cabinets can transform your kitchen into a place of tranquility, warmth and relaxation. What more would you want for one of the most important spaces in your home?

Maybe introducing 50 different shades of grey would be too much, but stick to one and you may have the perfect answer.



CORDLESS FEIN DRILLING TAKES ANOTHER LEAP FORWARD



FEIN started innovating in the late 19th century, combining the power of an electric motor with a manual drill to develop the world's very first power tool.

The heavy drill, which weighed 16.5 pounds, was powered by a large, but relatively weak DC electric motor which didn't turn very fast.

The world's first power tool may seem unwieldy and unproductive by modern standards, but it was the beginning of Fein's 150 years of power tool innovation, having re-developed the electric drill on multiple occasions in that time.

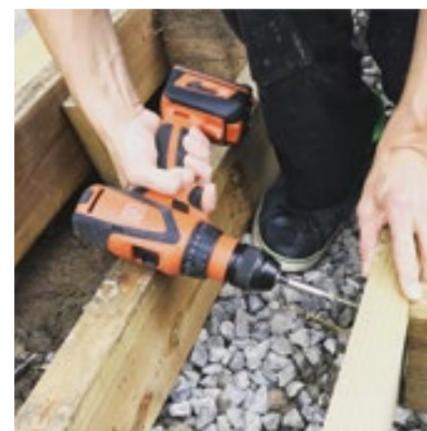
Last September that innovation led to the launch of 10 new cordless drill/drivers.

The ASCM 12 and 18 represent the most "heroic" machines of the 10 new models. Offering four-speed capabilities, "Power Drive" settings, quicker changes of accessories for application work and supported by a new battery range.

Director of MY Wood Designs Ltd, Mike Yorke bought his first OMT eight years ago when he needed a tool to sand a very intricate set of spindles on a banister.

He received his ASCM 12 for testing at the end of 2017 to help Fein UK, as it celebrated its 150 years in power tool manufacturing.

He uses the machine when working with MDF and timber materials and the machine delivers well when drilling pilot holes, countersinking into timber



and screwdriving connecting pieces of material.

Before dropping the machine from a great height and needing to orchestrate a repair, he also found it really useful how the battery indicator clearly shows the amount of juice left in the battery before delivering any heavy drilling.

Fein took the next step of adding more machines, launching a new cordless mag drill in September and now, in the UK, Fein is proud to launch its new rotary hammer drill - the ABH 18.

The new drill enables the end-user to drill up to 20mm in concrete, combines drilling, chiselling and hammer drilling in one tool and weighs just 3kg, with low vibration settings, similar to the technology in Fein's renowned multi-tools.

'On the construction site you need powerful cordless power tools, delivering the same performance as mains-powered tools,' says product manager, Thomas Blank.

'The main intended area of application



for the cordless rotary hammer drill is securing metal structures on buildings, where holes of between 8mm and 12mm are needed.

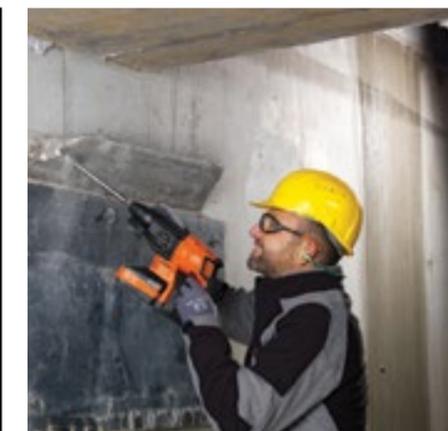
'The new Fein cordless rotary hammer drill with brushless motor is therefore designed for these very sizes,' says Mr Blank.

What's more, both the battery and tool have electronic SafetyCell Technology, which protects the hammer drill from overload, overheating and total discharge and shuts down the tool in a fraction of a second.

In 1867 Wilhelm Emil Fein founded a company with a promise to manufacture electrical equipment that met the demands of customers, whilst consistently looking at innovative solutions for the industry.

150 years later that company continues to deliver on that promise.

Want to find out more?
Visit www.fein-uk.co.uk



KITCHEN MANUFACTURER INVESTS IN A MATRIX TABLE FROM LAMONT

THWAITE HOLME Kitchens & Bedrooms Ltd manufactures bespoke kitchens and bedrooms.

Each fitted kitchen, or bedroom is designed and made in the workshop near Dalston, Carlisle, by a very skilled team with years of experience in cabinetry and bespoke furniture who pride themselves in the quality of their products.

Styles run from classic to contemporary and kitchens are fitted by Thwaite Holme's own team of experienced fitters.

During the summer of 2017, Thwaite Holme invested in a matrix table from Lamont.

'Alan [Lamont] demonstrated a matrix table to us many years ago and it was something we were keen to purchase, but never quite got round to,' says director, Ian Postlethwaite.

'We had a smaller hydraulic table, which we used for many years, but it was too small and we needed a larger one with bigger capacity.'

'Alan was the obvious choice. We had seen the product in both trade journals and other workshops and were impressed.'

His place is only 20 miles away, so he is handy and local. We went up to see Alan at his premises and discussed our needs.

'Alan came back with a design and price and the table was manufactured specifically to our needs,' says Ian.

The design of the table was bespoke: at the same time as purchasing the matrix table, Thwaite Holme invested in an OMEC 750CN dovetailing machine.

The matrix table was constructed with a special section in the bottom left hand corner designed specifically for the assembly of dovetail drawers.

Together, the dovetailing machine and the matrix table opened up a whole new field for Thwaite Holme. The matrix table is also used for the assembly of frames and doors.

Ian describes the advantages brought by the matrix table as "speed and accuracy of assembly, and bigger capacity. It is vertical rather than horizontal and this is much more convenient and space saving."

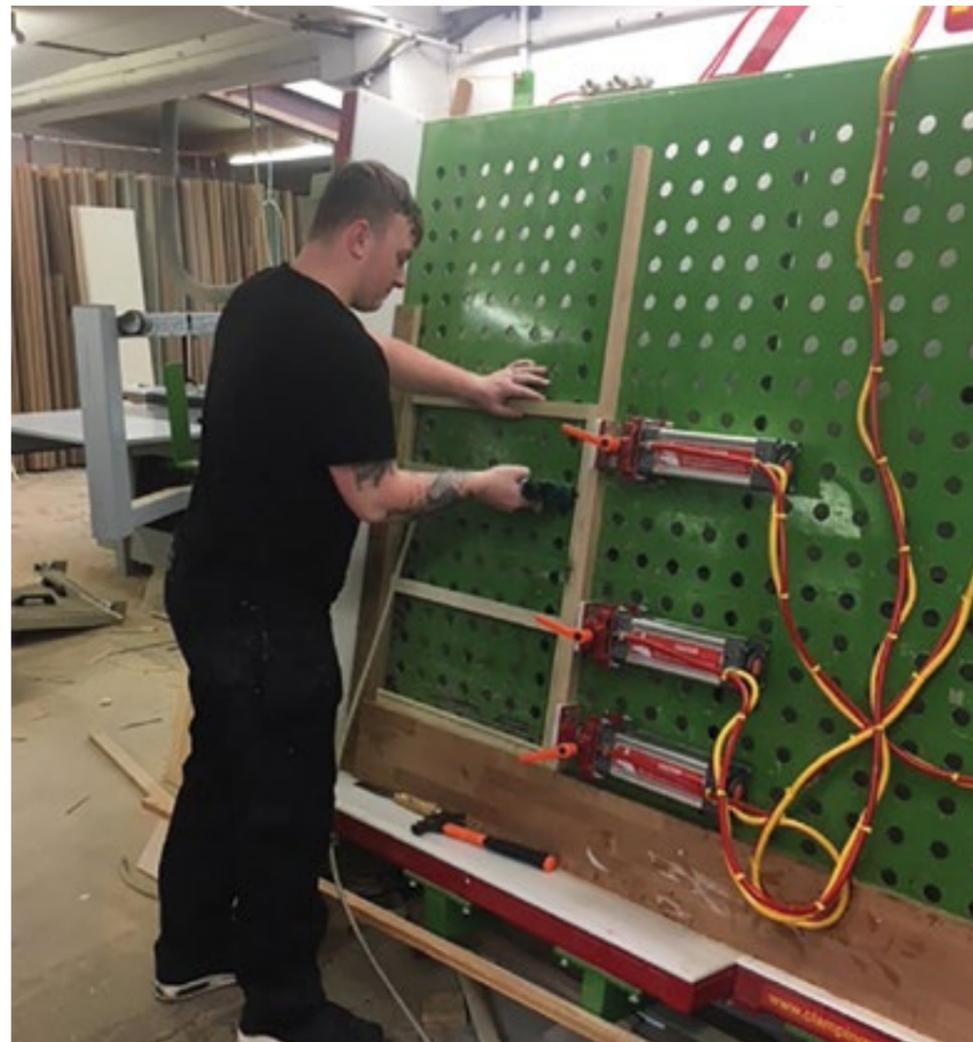
When asked if he would recommend Alan and the matrix table, Ian replied:

'Absolutely, 100 per cent I would recommend him. We would tell him the issues we had, and he was very good at coming up with solutions. I was very happy with the whole process,' concludes Ian.

Want to find out more?
Visit www.clampingmachines.co.uk



MANUFACTURING
MACHINERY



VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

MOVING FROM STENGTH TO STRENGTH WITH FELDER MACHINERY



BASED in the North East of England, Steve Duck's Integral Collections Ltd manufacture kitchens, bedrooms and bathrooms, as well as furniture for studies, offices and lounges all with the help of machinery purchased from FELDER GROUP UK.

In 2010, founder, Steve Duck purchased his first machines from the FELDER GROUP. Since then he has purchased more than 17 machines, upgrading and improving his machines over the ensuing years.

'As a company, FELDER is able to help with a wide range of machinery from small machines to very large ones and since I have been involved with FELDER it has broadened our horizons, so that we can make whatever we want to produce,' says Steve.

Currently in Integral Collections' workshop, there is the Tempora 60.12 and Perfect 710 edge-banders, Profit H08 and H22 CNC machining centres and a

Kappa 550 X-motion panel saw from the FORMAT-4 range, as well as a K 500 panel saw, a FD 921 dowel boring machine, the Forka 300 s eco edge-bander and the KF 700 saw spindle moulder.

'We've gone from strength to strength with FELDER. What they have done is to make life easier by having a range of machines to suit all our circumstances,

for now and for the future. As they bring out new and better machines, we will be upgrading ours with FELDER!' says Steve.

'In the long run, it has been cheaper to buy from FELDER. The machines might be more expensive, but they last a long time and the service more than backs it up! We have worked with FELDER for over seven years and no other company.



Want to find out more?
Visit www.felder-group.co.uk

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

HOFFMANN-SCHWALBE.DE
HOFFMANN-SCHWALBE.DE



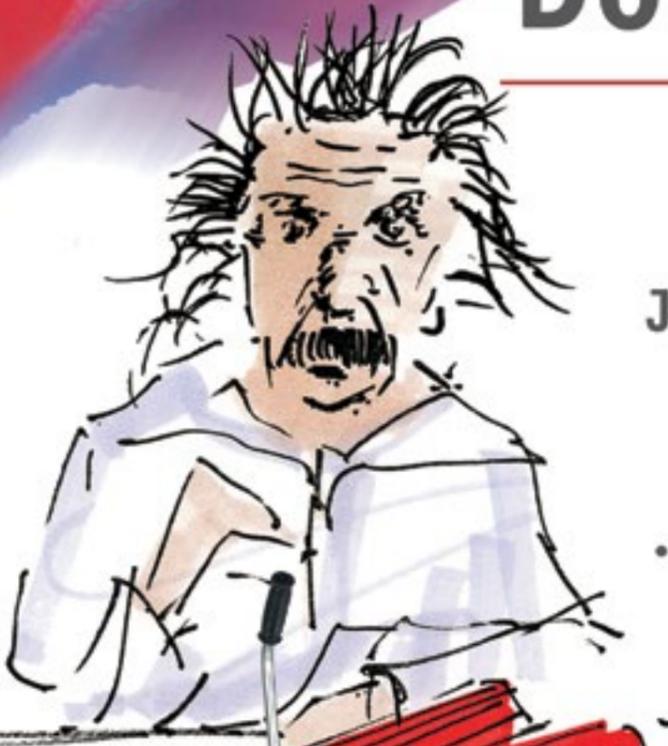
The Hoffmann Dovetail Key

THE SOLUTION FOR PERFECT JOINTS IN WOOD.

**...BRILLIANTLY SIMPLE
...SIMPLY BRILLIANT**

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

www.Hoffmann-Schwalbe.de
www.Hoffmann-uk.com






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

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

BIESSE LENDS A HAND AT... SHEFFIELD KITCHEN OUTLET



Photographed left, Sheffield Kitchen Outlet managing director, Stuart Hattersley and right, technical director, Dan Hattersley.

IMAGINE if you started a company and managed to plan your resources to perfection. Your vision was realised and the risks associated with a business start-up evaporated as your business thrived. Your marketing and customer service proved your belief that the business model was indeed correct and customers needed your products and services.

COULD IT BE TOO GOOD TO BE TRUE? Managing director of Sheffield Kitchen Outlet, Stuart Hattersley, recalls the company's early days:

'We invested in three panel saws, which were operated by five men. We also had a second-hand edge-bander, which was a bit slow, but it did the job. At first it was ideal, but orders ramped up so fast that, in the end, we couldn't cope with demand,' says Stuart.

'We received a marketing email from Biesse and the timing couldn't have been better. We visited the company's Tech Centre in Daventry for discussions about production methodology and volumes, which were backed up with machine demonstrations.

'We'd always gone down the cut, edge and drill route. Biesse guided us through this process, introducing us to new machinery which included a Selco beam saw with twin pusher, an Akron edge-bander and a Skipper V31 point-to-point drilling machine for the gables,' says Stuart.

'The star of the show is definitely the Selco SK4 beamsaw with its twin pusher. Rather than having the three panel saws with five men, we now have one beam saw with one man and a massive increase in output. We're now processing 50 sheets a day,' says technical director, Dan Hattersley.

'This is great, but for us the most amazing thing is that we're saving £300 a day on waste through the more efficient use of material with Biesse's OptiPlanning software,' adds Dan.

The Akron 1300 edge-bander and Skipper V31 were sound investments, which helped to keep pace with the output from the beam saw and provide an accurate and consistent quality across the manufacturing range.

'One of the other deciding factors in our decision making process was Total Care - Biesse's five-year warranty and service package, which underpins the confidence in the quality of the machines,' concludes Dan.

Want to find out more?
Visit www.biesse.com



According to technical director, Dan Hattersley, the Selco SK4 4300mm x 4400mm beam saw with twin pusher is the "star of the show" at Sheffield Kitchen Outlet.



The Akron 1300 edge-bander at Sheffield Kitchen Outlet helps to keep pace with the output from the beam saw and provides an accurate and consistent quality across the manufacturing range.



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.’

Want to find out more? Visit www.clampingmachines.co.uk

A NEW DIMENSION TO SOFT CLOSE DRAWERS



HETTICH has added a new dimension to the modern kitchen experience with a drawer system, which combines the features of soft close and push-to-open.

Push-to-open Silent is now offered for Hettich’s premium ArciTech drawer system. This entirely mechanical solution (no power supply required) is ideally suited to handle-less kitchens.

A gentle push on the front panel is all it takes to open the drawer and another gentle push closes the drawer quietly and smoothly.

Push-to-open systems typically require more forceful closure to override the opening mechanism. However, Hettich’s innovative Push-to-open Silent means no more compromise – the opening and closing action for drawers can be

equally convenient and satisfying for the user.

Opening force can be adjusted according to user preference and to allow for different drawer weights. The system is hidden from view under the drawer and can even be retro-fitted with no modification.

‘This is such an impactful way to add value to a kitchen,’ says Hettich UK marketing manager, Colin Patterson.

‘Push-to-open Silent is sure to impress customers in the showroom. It provides a real talking point and represents a great solution for modern handle-less kitchens,’ he adds.

Want to find out more?
Visit www.hettich.com

OVVO – OFFERING THE PERFECT SOLUTION FOR KITCHEN CARCASSES

LANSDOWNE Boards are distributors of premium quality manufactured components of wood-based panel products for the furniture, manufacturing and shop fitting industries.

Based in Cape Town in South Africa, the company boasts a broad customer base ranging from large retailers, property developers, carpenters and the DIY market.

Over the past two decades Lansdowne Boards has been developing and continually improving a series of standardised DIY ready to assemble/flat-pack cupboard systems.

The ultimate goal has been to completely remove the hassles of traditional carpentry and provide the end user with a premium product.

This has been achieved with the incorporation of the OVVO® connector system.

The system gives Lansdowne Boards the ability to make first time DIY customers instant professionals.

A complete novice can now assemble a cabinet in seconds, literally transforming a traditionally laborious and intimidating affair into child's play.

This assembly method puts a new slant on the old debate about the merits of rigid assembly versus flat pack cabinets.

The reaction from professional carpenters has been extraordinary. The significantly reduced amount of time required to complete a project has more than doubled their capacity, not to mention the ease and convenience of working with the OVVO® system.

Apart from the Systematic cabinet range, they also use the versatile OVVO® connector in various other applications.

The system offers a unique combination of flat-pack-ability

and incredible ease of assembly for the end user.

These advantages have allowed the company to make a great deal of headway in the merchandise display sector.

It provides the opportunity to produce a quality product at an affordable price by eliminating the need for skilled assembly.

At the same time transport costs are minimised, as products can be transported in flat-pack form and assembled on site by virtually anybody.

These advantages have allowed the company to produce ever growing volumes of merchandise display units for large retail chains across all of South Africa.



Want to find our more?
Visit www.ovvotech.com.



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



Order your V-1230 starter pack now

www.ovvotech.com

sales@ovvotech.com

+353 42 937 0070

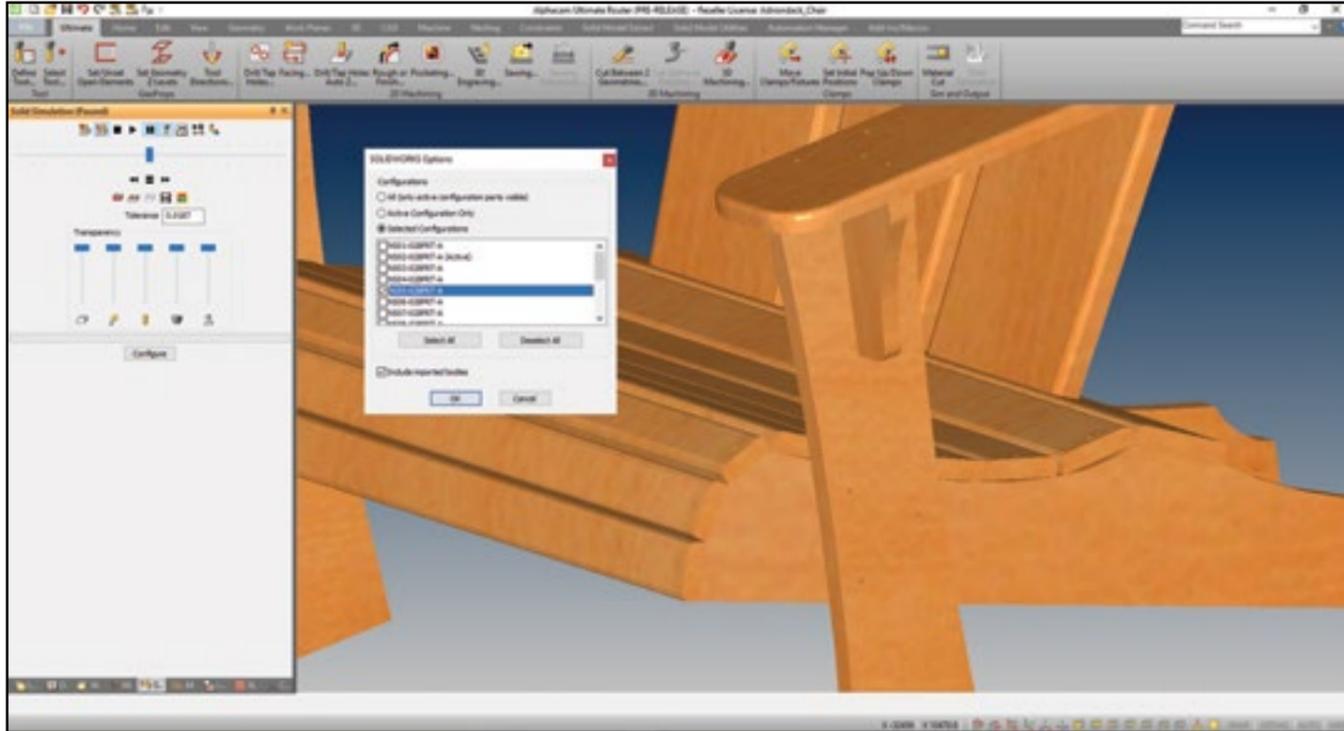


THE FUTURE OF CONNECTION

OVVO™

- V-1230 specifically designed for 15/16mm & 18mm board materials
- V-1230 connector profile extends the range of substrates in which OVVO® can be used
- V-1230 Innovative dovetail design delivers increased intrinsic tolerance leading to enhanced joint strength
- V-1230 Single piece housing makes automatic insertion possible
- V-1230 Solid central rib confers increased joint rigidity

BEST-IN-CLASS RESULTS FOR KITCHEN MAKERS FROM ALPHACAM'S NEW NESTING ENGINE



TESTS on the new nesting engine unveiled in Alphacam 2018 R2 show a 17 per cent improvement in material yield.

Using proprietary technology to deliver what brand manager, Hector Henry says are "best-in-class geometry," tool-path optimisation and part handling, the nesting engine also provides faster calculation times, together with improved feed-back and graphics.

And he says that the overall theme of the latest release is to save time and improve productivity.

Parametric Rules have now been migrated to C# and have an enhanced GUI and functionality, allowing for greater control, improved UX and simpler, more streamlined, logic statements which, according to Mr Henry, have improved productivity and reliability.

The Face Milling Cycle has been enhanced and is now part of Alphacam's Core Functionality, creating intelligent tool-paths, allowing users to face (surface) mill irregular and multiple geometries.

'This improves productivity, as the user doesn't need to create several operations to achieve the same result,' says Mr Henry.

Productivity has also been improved through the new Order by Intersecting Geometry function, which saves significant time when ordering the

sequence of a complex job.

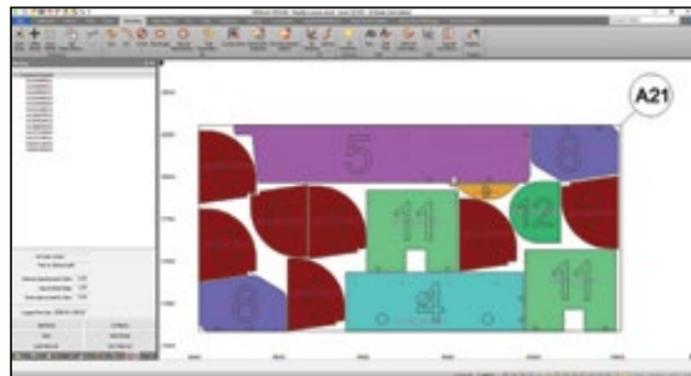
It works by letting the user select a previously created geometry to define the order of geometries, or tool-paths, based on those which intersect the selected geometry first.

The Parametric Sketcher is now considerably more powerful, thanks to an updated UI, meaning that the window can be resized.

'This provides greater visibility over the Parameters and Actions list, which will be essential for managing complex projects,' he adds.

There are also improvements to the Sketcher's geometry creation tools, for creating fillets and chamfers as part of the Geometry creation tool set. This improves productivity, as it does away with the need to calculate those points.

Enhancements to Alphacam's dimensioning system provide greater clarity when printing and presenting any



required information.

User-defined suffixes for both the primary and alternate units – as well as a scale factor – mean that two separate values can now be displayed.

Importing CAD models has been updated through the support of SolidWorks configurations.

'Alphacam now has a new interface for users to select which configuration of an assembly to import, without the need to ascertain that the last version saved in SolidWorks matches the one they want,' says Hector Henry.

Want to find out more?
Visit www.alphacam.com

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

FACTORY CONTROL SYSTEMS

Systems that put you in control of your business



FCS provides state of the art, cost effective Enterprise Resource Planning (ERP) Systems, developed specifically for the furniture industry.

The system will enable you to be agile, flexible and responsive, so that you can drive your business forward.

- View live all aspects of your operational performance
- Synchronise and integrate your business processes
- Maximise operational efficiencies
- Transform the way you do business



Tel: 01273 271470

Web: www.factorycontrolsystems.co.uk

Email: enquiries@factorycontrolsystems.co.uk

PRODUCING VISUALLY IMPRESSIVE KITCHEN DESIGNS WITH THE HELP OF CABINET VISION

COMPUTER SOFTWARE

A KITCHEN company which has recently invested in Cabinet Vision has slashed the working time needed to produce its cut lists by around 20 weeks a year.

'It wasn't until we sat down and looked at how the time added up, that we realised just how much we were saving,' says Baker and Baker designer, Sam Thornley.

Before the advent of the use of Cabinet Vision, the Essex-based company designed everything in a 2D CAD package, with elevations being produced once they had won the contract.

'The workshop manager would use those drawings to create the cut lists. It would take him at least three days a week to work out every component size and put it into an Excel document, which was prone to error,' adds Mr Thornley.

However, saving that incredible amount of time on cut lists was an added bonus. The company's investment in Cabinet Vision was actually prompted by a need to speed up their initial drawings.

'Using Cabinet Vision means that we can now also create the elevations and rendering in the same amount of time,' explains Mr Thornley.

And now the company produces these renderings is set to change, thanks to a major update in Cabinet Vision Version 11, which has recently been installed.

The latest release of the software contains a powerful new photo-rendering engine geared specifically towards the design market.

It provides a massive enhancement on the

rendering capabilities in previous versions and now gives Sam Thornley almost photo-like images, which can be used as a sales tool.

He says that good renders are a vital part of converting a quote into a job.

'Some customers can't visualise the finished kitchen from a 2D plan drawing. It's so important to show something which is visually impressive. I would say that a render wins us around 20 per cent more work,' he adds.

Previously, Baker & Baker was producing renders in a different computer program and are now undertaking full training on how to use Cabinet Vision's new high-end photo-rendering capabilities.

'It means that we can manage every step of the design process without having to transfer data between systems,' says Mr Thornley.

The combination of creating cut lists in Cabinet Vision along with its design capabilities means that the software is an integral part of the working day.

'It is as important a tool as we've got anywhere in the business...if not more so,' proclaims Mr Thornley.

Producing around 15 large kitchens a year, along with two or three smaller ones, mostly delivered within a 15 mile radius of the company's showroom which is in neighbouring Suffolk, means that the preference is to manufacture everything in the traditional way, rather than use CNC machines.

The process begins when Graham Baker, who jointly owns the company with his

wife Marie, takes laser measurements of the customer's room, plotting the points.

Sam Thornley then draws the room and builds the kitchen design, producing renders and quotes.

'I work through everything, ensuring that we have the correct materials and that the corner mechanisms and doors will fit and work. As long as I put everything in the right place, Cabinet Vision does the rest,' says Mr Thornley.

When the company was established around 20 years ago, it predominantly focused on joinery, mainly manufacturing windows and doors, but progressed into high-end kitchens, together with some bedroom and home office furniture. The company now operates with 12 employees.

'Every component we make goes through Cabinet Vision. The reason we invested in it was to speed up the design process and to get the cutting lists directly out of the drawings instead of having the workshop manager hand writing them for two, or three days a week,' says Mr Thornley.

'I design everything in Cabinet Vision. Once the cut lists have been produced, I'll print a door cutting list, panel stock cutting list and drawer cutting list along with the technical drawings and a plan drawing and take it to the wood machinist on the shop floor,' he explains.

Using an Altendorf F45 panel saw and spindle moulder, all the cabinetry is machined and spindled to the correct sizes ready for assembly.

Mr Thornley says that the biggest challenge is that nothing is standard; everything is bespoke. Up to around 1,000 individual components go into the average kitchen.

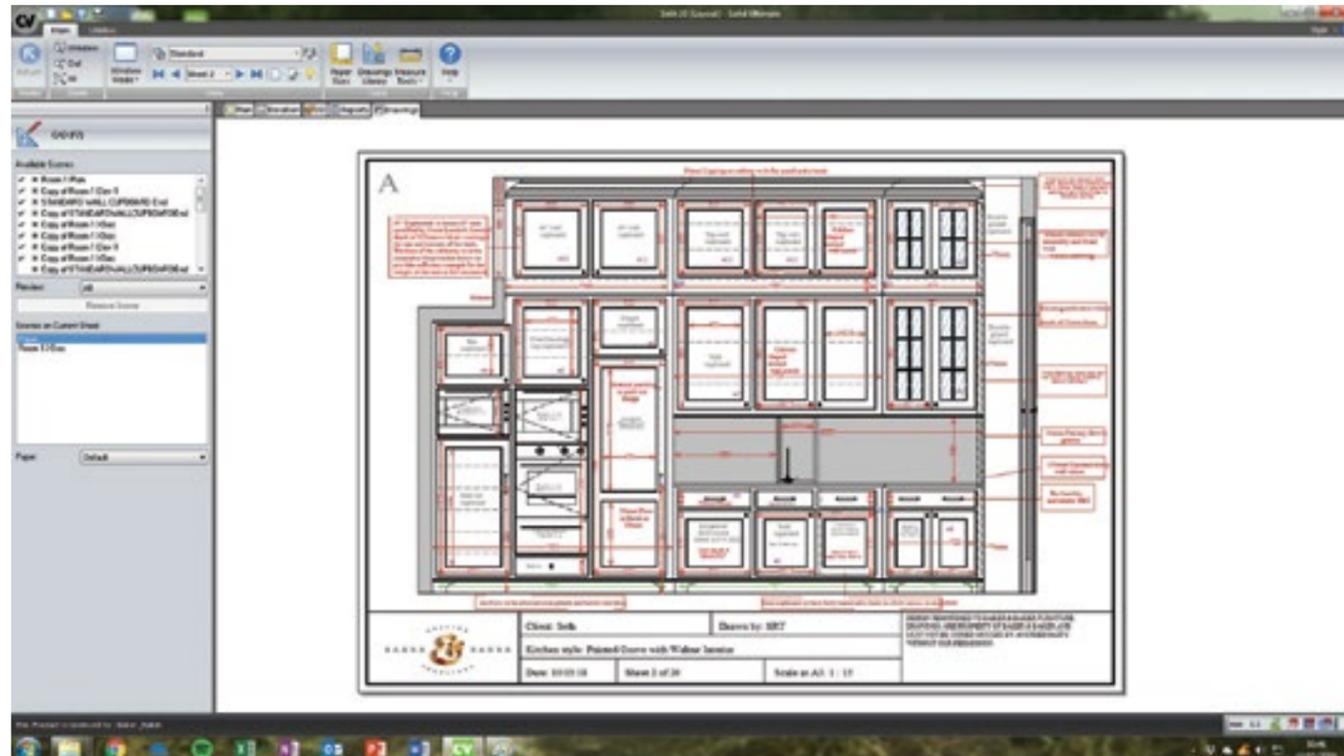
All the carcass material is oak veneered MDF moisture resistant board and solid lippings generally comprise tulip wood, oak, or maple.

'Many kitchen companies have a drag and drop catalogue of cupboards they use, but with us everything is made to measure.

'So the fact that Cabinet Vision lets us select a cupboard and readily edit its height, depth and width, is so important. There's nothing it can't do in terms of creating our bespoke cabinet quickly and accurately every time,' says Mr Thornley.

'In the past, we had to produce the elevations and cut lists after the customer gave us the order. Now, with Cabinet Vision, the cut lists are produced with the original drawings, so we've already got them and can start work as soon as we win the contract,' concludes Sam Thornley.

Want to find out more?
Visit www.cabinetvision.com



cabinet vision

www.cabinetvision.com

alphacam

www.alphacam.com



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.

Felder UK

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

THE WORLD'S #1 SOFTWARE SOLUTIONS FOR THE WOOD WORKING INDUSTRY

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

45,000+

ACTIVE USERS WORLDWIDE
According to the latest CMA Benchmark Study, more woodworkers choose Vero Software products than any other software system. In fact, it's not even close.

1 **COMPANY MISSION**

Our goal is to develop products and services that help our customers become more successful and profitable.

30

HOW LONG WE'VE BEEN DEVELOPING SOFTWARE
We've learned a thing or two since we started offering software for woodworkers in 1983.

85 / 11

COUNTRIES/LANGUAGES
Our software can be found all over the world and it's available in 11 languages.

97%

SATISFACTION WITH OUR SUPPORT
Whether via phone, email, support portal, or our online forums, our technicians are here to help.

117,950,504

DATA ITEMS TESTED EVERY WEEK
We run our software through test after rigorous test to ensure that we only release the most stable products to our customers.

We've succeeded every time, because Alphacam creates models and CNC code so quickly. We may have only a couple of days to do an impossible job. But Alphacam makes it possible.

Jason Szukalski,
Director - Anarchy Ltd

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



REDUCING THE TIME TAKEN TO MAKE A KITCHEN READY FOR THE CNC MACHINE TOOL

OUR FRONT PAGE STORY

'ALPHACAM is one of our energisers – it's definitely helped us get where we are today,' says the director of family-run Allwood Architectural Joinery, Gerard Magee.

'Breaking down a typical kitchen ready for the CNC machine tool used to take us a full day. However, with Alphacam's Automation Manager that's down to an hour – in some cases just half an hour,' says production manager at Allwood Architectural Joinery, Connor Magee.

He also says that the process is quick and simple.

Allwood Architectural Joinery celebrated its 21st anniversary last year. Based at Ballymacken, Portlaoise, in the Irish Republic, the company originally focused on hotel and bar fit-outs, but diversified when the recession hit.

Gerard says the company's five-axis MAKA PE 70 pod and rail machine programmed with Alphacam helped them to stand out in the recession, by providing the ability to produce complex components.

'It showed our capacity to do something different for clients, which was instrumental in getting us through the recession,' says Gerard.

One of those clients was Newbridge Silverware and the "something different" for them was an art deco cornice, based on a 1950's ladies' fan.

'They loved that piece and we did several shop fit-outs for them throughout the recession.

'I firmly believe that without Alphacam driving our five-axis machine, the company would not have survived at that time,' admits Gerard.

Production manager, Connor Magee explains how Alphacam continued to make a huge difference to them as the effects of the recession subsided.

'It's helped us grow and control our processes to produce parts, including complex components, much quicker and expand our services to the commercial sector,' says Connor.

Nowadays the company's customer base includes a number of big-name clients, having completed three fit-outs for Google, along with Twitter's Dublin operation and Zendesk.

As well as the MAKA five-axis machine, Alphacam also drives a three-axis Biesse Rover 10 x 5 nester.

'While we'd always used Alphacam Ultimate Router with the MAKA, when we got the Biesse and started nesting, we quickly realised we needed the post to include that machine too, in order to speed up the programming process,' says workshop manager, Eoin Byrne.

'That, in turn, has speeded up our overall production time, with the result that we can turn jobs around much faster,' adds Eoin.

He says that Automation Manager has taken a "crazy" amount of time out of programming and the company could never go back to manual programming and remain competitive; a point which is echoed by Connor Magee:

'Previously, we'd spend a minimum of six minutes optimising a single sheet. However, with Alphacam we can have 30 sheets with up to 200 nested components, complete with labels and reports, at the machine in 10 minutes.

'It takes the manual part out of the process by importing CAD drawings automatically, inputting directly to the machine,' says Mr Magee.

'We design our products in Sketchup, as many of the architects we work with like its final 3D visual.

'Once the drawings are approved, we simply click a button to explode it and the DXF files go down to the shop floor, run through Alphacam's Automation Manager and the individual components are nested,' says Mr Magee.

He adds that Automation Manager has revolutionised the production process. Previously, while a cut-list add-on to the Sketchup software nested the sheets, it all had to be carried out manually and the machining was also applied manually.

'We break down our Sketchup drawing into separate files and all components are nested in the sheet materials that we've listed,' says Mr Magee.

Rules are set up for drilling, so all the tools and styles are applied automatically and everything is sent out to the machine with layouts.

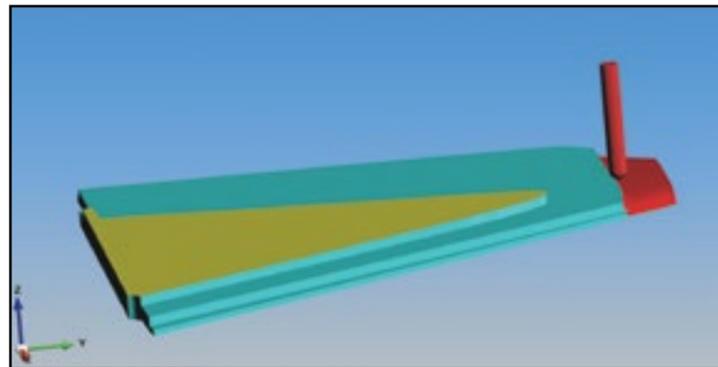
Alphacam's labelling system is also used, so the machine operator only has to pull up the sheet and when the parts come off, they're labelled and stacked on the trolley for forwarding to assembly.

'It means that everything's tracked and organised on the system,' says Mr Magee.

'Every update contains new, or enhanced functionality that speeds up our process, making it easier and better. Alphacam is a huge part of our company now and is absolutely integral to the manufacturing process with our two CNC machine tools,' says Connor Magee, stressing that it is important to keep up with each of Alphacam's twice yearly releases.

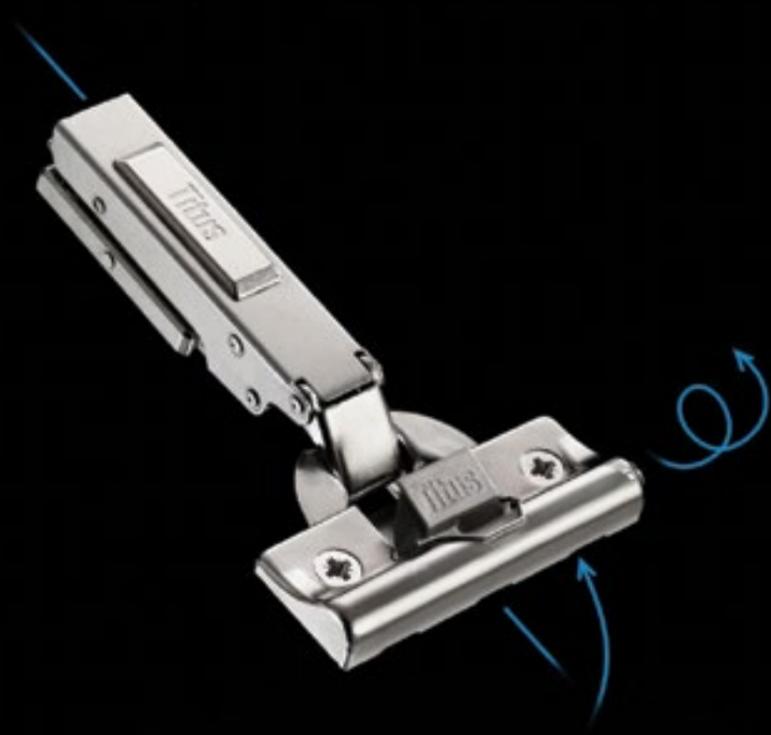
'We certainly wouldn't be able to hit our targets without it, especially on the number of large scale jobs we undertake on a regular basis.

'In the future, we're likely to invest in a larger nester with offloading capabilities and, maybe, a dowel drill/insertor. Alphacam will definitely be programming that, too,' concludes Mr Magee.



Want to find out more?
Visit www.alphacam.com

TITUS LAUNCHES SPACE-EFFICIENT SLIMLINE DRAWERS



TITUS T-TYPE HINGES COMBINE EASE OF USE WITH VERSATILITY

CABINET hardware expert, Titus has launched its versatile new-generation T-type hinges that reliably deliver the soft closing action preferred by end users.

The new hinges require only a shallow hinge cup, which makes them suitable for use with door thicknesses ranging from 15mm to 26mm. They have passed FIRA tests for BS 6222-2-2009, Test Level H.

The T-type hinges feature the renowned Titus “Confident Close”, the consumer-preferred reliable and consistent soft-close damping characterised by late-start deceleration and quiet landing in the last stage of closing, as the door leans against the cabinet side.

The proprietary Titus multi-purpose integrated damping technology is positioned transversal in the hinge cup, ensuring life-long damping, with no bounce-back and superior performance.

In addition, the hinges are exceptionally tolerant of misalignment and drilling variations.

Their unique three-way tool-less snap-on mounting plate,

which offers intuitive hinge-to-plate mounting in three directions, greatly simplifies door installation, especially with tall doors that need four, or even five hinges.

The unique design of the mounting plate re-inforces stability and rigidity, whilst maintaining smooth hinge operation.

The hinges feature the renowned “Titus Damper Inside” technology, which ensures reliable and consistent life-long damping without rebound.

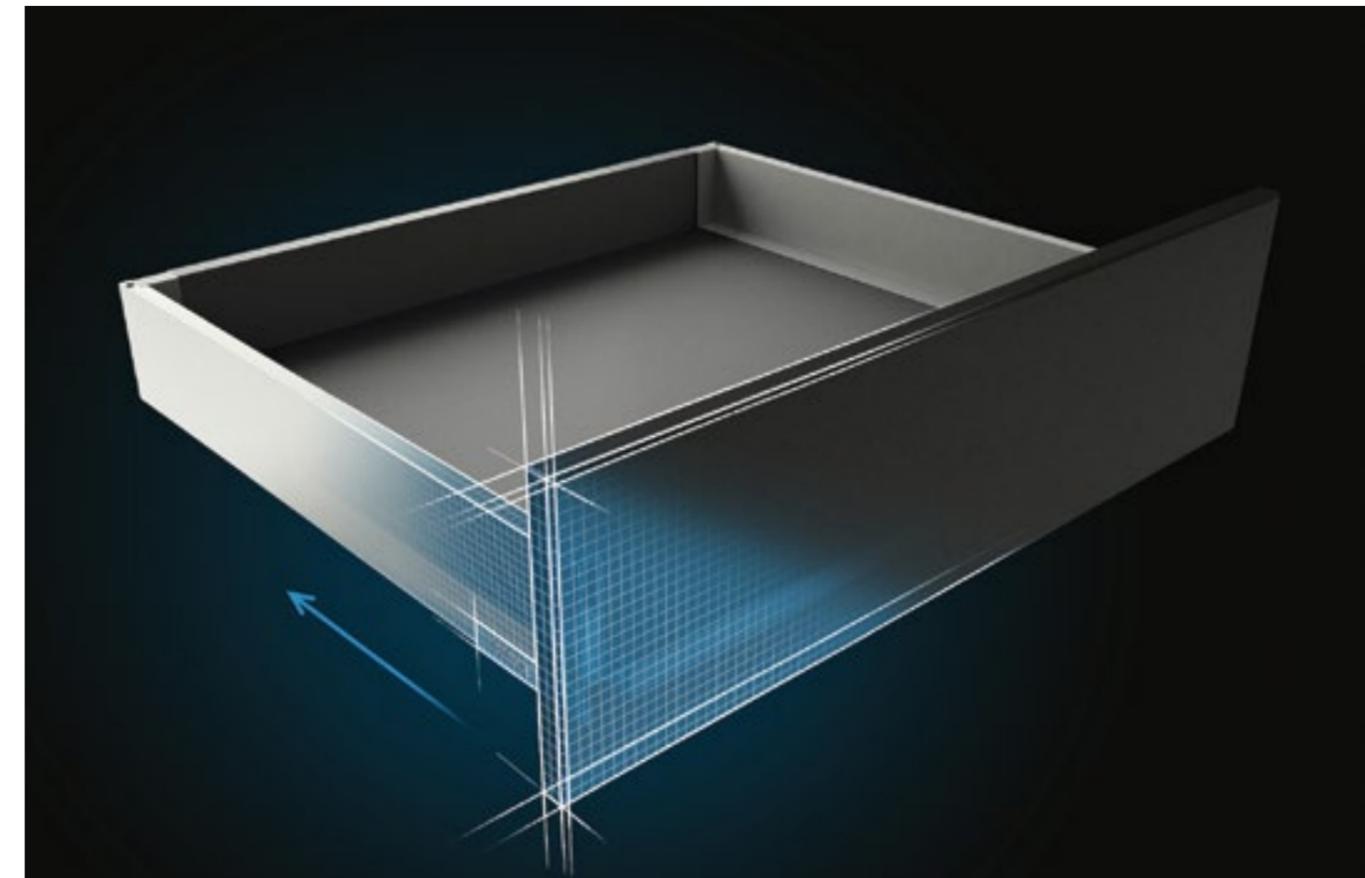
The dampers are single-direction hydraulic types, which are fully sealed to eliminate the possibility of oil leakage. The damping is easy to adjust, which maintains consistent performance on doors with a wide range of different dimensions and weights.

Titus T-type hinges can be supplied with cross-mounting plates, or with linear mounting plates, which simplify both hinge alignment and hinge-to-plate attachment.

The new hinges are fully compatible with Glissando TL and the Titus Push Latch.

Want to find out more? Visit www.titusplus.com

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018



CABINET hardware expert, Titus has launched a second-generation range of its popular Tekform double-wall drawers. The new slimline versions feature a sleek and visually-appealing design and have 14mm side panels, which maximise efficient utilisation of drawer space.

They also incorporate the precision-engineered Titus hydraulic dampers to ensure a reliable and consistent soft closing action, combined with low pull-out force.

Tekform slimline drawers are available in three heights – 70mm, 145mm and 182mm – and can be supplied in a range of visually appealing finishes that ideally complement contemporary furniture designs.

A further key benefit is that they use the same drilling pattern for runners as their predecessors. This facilitates mounting in existing products and designs.

Drawers are fast and easy to assemble, thanks to the EasyFix locking system used for the front-panel connector, which requires only hand insertion and a quarter of a turn with a screwdriver to lock the panel securely in place.

Reliable life-long “ConfidentClose” soft closing is assured by the use of the renowned Titus single-direction precision-engineered hydraulic dampers, which smoothly slow down the linear movement of the drawer, as it reaches the closed position, but offer minimal resistance to movement when the drawer is being opened.

Installation of the drawers within the cabinet is fast and straightforward. Extended tolerances in cabinet construction can be accommodated without compromising accurate alignment, smooth and silent operation and excellent stability in the open position. In addition, variations of up to ± 1 mm in bottom panel width size are acceptable.

Want to find out more? Visit www.titusplus.com

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

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?
Visit www.ney.com



KU
BOX

Suitable for an
18mm base and
backboard.

eco

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

THE BEST WAY TO FIT KITCHEN UNITS



SPACE PLUG

SPACE PLUG
Advanced Fixing System



FANTASTIC AS A FIXING



SUBLIME AS A SYSTEM

FOR MORE INFORMATION AND SALES VISIT...
WWW-SPACE-PLUG.COM
OR SPEAK TO YOUR STOCKIST

VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

EGGER SUPPORTS KITCHEN DESIGNER



across the KBB sector involved as visiting lecturers and mentors.

As far as Stan Shaw is concerned, it represents the opportunity of a lifetime

‘I’ve been working for the family-owned business Kitchenology now for almost a year, which might not sound a lot – but it is for a 17-year-old,’ says Stan.

‘I manage ordering and installations, enjoy the high-pressure environment and, thanks to my colleagues, I am constantly absorbing information and facing new challenges,’ says Stan.

‘Getting a place on this course is the opportunity of a lifetime. I am working with people like world-renowned designer, Johnny Grey, TKET chairman, Craig Matson of Roundhouse Design and a talented group of lecturers and tutors will help me to be the best I can be.

‘I’m really grateful to Egger for sponsoring me and making this investment in my exciting career choice – in a fast-moving sector which continues to grow,’ adds Stan.

‘We’ve been supporters of TKET since the start and are proud of the small part we are playing in helping to shape the future of our industry,’ says Egger’s head of marketing, Nick McClughin.

‘Stan is an intelligent and thoughtful young man and a worthy recipient of our financial assistance. I believe he has a bright future ahead of him and will hopefully find inspiration for his future design activities within our product range!’ adds Nick

Want to find out more?
Visit www.egger.com

A 17-year-old from Bury St Edmunds is pursuing his dream of becoming a kitchen designer after landing this year’s Egger UK bursary and a place on an award-winning university degree course.

Stan Shaw is installations and accounts manager at Suffolk-based Kitchenology Ltd, a family-owned retailer which operates across the whole of East Anglia.

For the next three years, he will study for the part-time foundation degree in kitchen Design at Buckinghamshire New University – now in its fourth year. As

well as attending residential sessions three times a year, students participate via online learning in regular tutorials and lecture presentations.

In conjunction with TKET – The Kitchen Education Trust – the course aims to produce informed and creative designers with better design skills, product knowledge and understanding of the industry.

It covers materials, technology, business, sales and marketing, history, psychology, manufacturing and project management as well as design – with TKET members

A CUT ABOVE THE REST!

Welcome to the Industrial Woodworking & Panel Processing Website!

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

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

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

John Emslie - Publisher

www.industrialwoodworking.co.uk



The Woodwork Dust Control Co Ltd

Leaders in Dust Control Technology
A Complete Wood Waste Extraction Service to all Timber Industries

- Design, Manufacture, Installation
- Large hopper filters, fans, cyclones
- Small bag filters, rigid ductwork, flexible hose
- LEV COSHH testing, assessment, service
- EWI-THERM Wood burning stoves
- Fast nationwide service



Contact us for our FREE product catalogue:

Tel: 01844 238833 Fax: 01844 238899

Email: enquiries@woodworkdustcontrol.co.uk

Web: www.woodworkdustcontrol.co.uk





DUSTCONTROL UK AND SPEEDY DEALING WITH THE DUST

DUSTCONTROL UK and Speedy Hire have combined their expertise to deliver dust extraction solutions for Willmott Dixon – one of the UK's leading construction firms.

The partnership centres on a Willmott Dixon project to refurbish the Old Admiralty Building (OAB) in Horseguards Parade in Central London, an undertaking which will see the Grade II listed building transformed into a modern working environment.

At present, it is Willmott Dixon's biggest project and is a joint venture between two of the firm's independent arms; Willmott Dixon Interiors and Willmott Dixon Construction, which have come together to form Team OAB – a partnership specific to the Old Admiralty project.

The project has unique challenges, both in relation to the materials contained within the building and the requirements of the new fit-out itself, which is spread across over 600 rooms, presenting some significant potential Health and Safety issues, many of which are dust related.

Silica dust, found in many common construction materials, presents the risk of silicosis, which is a serious lung disease caused through the inhalation of Respirable Crystalline Silica; dust

particles invisible to the naked eye created through activities, such as drilling, sanding, coring and grinding.

It's not just silica that poses a hazard. Asbestos is present throughout the building, while horsehair in the lime plaster which is being re-instated presents a very minimal risk of anthrax.

The multitude of dust related hazards means that efficient dust control is essential.

Looking for the relevant solution, Willmott Dixon turned to Speedy Services for its input.

The company provisions a broad range of equipment across the full spectrum of construction needs.

One of Speedy Services' supply chain partners is Dustcontrol UK, a specialist in providing dust extraction solutions.

Recognising that Willmott Dixon's circumstances needed specialist input to determine the best solution, Speedy Services called in the team at Dustcontrol UK to utilise their expertise.

A key element that sets Dustcontrol UK apart from its competitors is the fact that all its products are built to application Class H as standard. This means the equipment it provides offers the highest levels of filtration possible.

The minimum standard required by Law is M class, but the use of H class promotes best practice.

All Dustcontrol machines are cyclone based with a pre-filter - a set-up which meets M class requirements on its own. However, the inclusion of an H-13 HEPA filter ensures the capture of 99.97 per cent of all particles greater than 0.3 microns, with the result that air exhausted is the cleanest it can be.

While the equipment provided by Dustcontrol is top of its class, the firm's expertise also enables it to provide bespoke solutions for clients.

In this instance, Willmott Dixon was keen to establish a dust extraction solution which ensured the protection of its workforce and exceeded the relevant regulations.

By utilising the best techniques, the principal safety manager hoped to minimise the release of airborne dust to create the best possible working environment for people on site.



In order to provide this, Dustcontrol UK and Speedy Services devised a set-up that would see the sectioning off of a specific room and the setting up of a mixing and cutting station, keeping dust in one place on site and avoiding its spread.

Following a site survey, it was determined that dust extraction equipment would need to be in place on site 24/7 to combat the dust created by plasterers and floorers mixing dry powders; one of the main causes of dust on a construction site.

The first solution suggested by Dustcontrol was a DC Tromb 400 – its most powerful extractor to date.

A short hose was then used to attach the Tromb to a pre-separator, which collects up to 90 per cent of all heavy materials.

This keeps dust off the filter in the Tromb, meaning only 10 per cent of the very finest dust reaches the Tromb itself.

With the project set to last many months, the pre-separator helps to prolong the lifespan of the Tromb filter, reducing the need for maintenance, or the risk of breakdown through over-use. A “Y” piece can also be added to the Tromb to enable extraction from two power tools at the same time.

Dustcontrol then recommended the use of a DC2900 to combat dust created by tipping plaster. The DC2900 was used in combination with a hook that sits inside the rim of a bucket and serves to create a vortex that prevents dust escaping, preventing it from becoming airborne in the first instance.

The combination of the DC Tromb, pre-separator and DC2900, means dust in the room is absolutely minimised and well below the requisite safety levels.

However, in order to further ensure air quality, an Aircube 2000 was also installed within the room.

The Aircube range are ambient air cleaners, which run all day long on site, ensuring that any dust particles that do escape are picked up by the Aircube 2000 in situ.

This further restricts dust migration, stopping it moving into other areas of the site and ensuring a clean, healthy working environment.

The extraction units, such as the Tromb and DC2900 can also be used as vacuum cleaners, allowing for their use to clean other areas on the site, as well as in the designated stations.

This also removes the need for brooms, which disturb dust during cleaning, returning respirable dusts into the atmosphere.

Given the size of the Old Admiralty Building, this solution has been extended to cover a total of six floors, meaning that there is a specific room designated for dust generating activities on each floor. This is set to extend to 10 rooms over the next few months.

‘Often in the construction industry, dust control measures are a knee-jerk reaction to a problem that presents itself during the course of a project,’ says strategic account director at Speedy Services, Alan Collett.

‘However, with Willmott Dixon in this instance, strategic engagement has allowed for the solution of a potential problem to be developed before it even materializes,’ he adds.

‘Working with a firm like Dustcontrol allows us to bring in expertise to combat specific problems that our clients, such as Willmott Dixon face.

It’s great to see them taking up an innovative solution when it’s presented to them and it is something we’ll be looking to roll out in other construction sites going forward, where circumstance allows,’ concludes Mr Collett.

‘The work for Willmott Dixon just serves to demonstrate the extent of our dust extraction capabilities,’ says general manager at Dustcontrol UK, James Miller.

‘By localising dust generating activities on site, we’re able to practically remove it as an issue by capturing it comprehensively at source,’ adds Mr Miller.

‘The level of filtration afforded by our equipment means that air quality levels are the highest achievable in a working construction environment.

H class filtration makes a huge difference and we’re pleased it’s worked so well at the Old Admiralty Building, concludes Mr Miller.

Want to find out more? Visit www.dustcontroluk.com



GALLERY KITCHENS

A GALLEY kitchen consists of two parallel runs of units forming a central corridor in which to work.

The galley layout works well for all kitchen styles; it’s also the preferred design of many professional chefs, who love it because it enhances safety and efficiency during cooking.

As is the case in the compact galley on ships, for which the layout is named, galley designs optimise space by packing in an abundance of storage and work areas, making them ideal for small kitchens.

If you are designing a galley layout, the first and most important thing to do is to assess your available space.

You should be aware that if the opposing runs are too far apart, the kitchen will lose its efficiency.

It is potentially not the most sociable of arrangements. On the other hand, a galley layout in an open-plan space can offer the best of both worlds.

It is important to choose the look of your galley. When it comes to galley kitchens, there are two layout preferences.

The first is relatively symmetrical. This usually means that the length of the runs and the arrangement of units on each side mirror each other as much as possible.

Alternatively, you can opt for an asymmetrical layout, using various approaches. One such layout involves focusing tall cabinets, or a bank of appliances on one side of the room, with base and wall units on the other.

On the other hand, you can opt for a mix of tall and wall units along one side, with a single run of base units on the other if, for example, you have an open-plan space.

You can place all the tall cabinets on one wall. If you’re designing a galley kitchen as described above, it’s preferable to go for a wall length of at least 3.6m (12ft) so that the

sink and cooker top can be placed far enough away from each other.

For safety reasons, these should be at least 30cm (12in) apart, but since that wouldn’t leave any work space, you should always try to site them more than 90cm (3ft) apart.

In this arrangement, a run of 3.6m (12ft) allows for sufficient sink capacity, with cabinets, or drawers beneath the range and it ensures that all the major appliances fit.

Finally, 12ft allows space for the units on the opposite run — the fridge, oven housing and pantry storage, for example. This arrangement provides ample storage space, helping keep the kitchen tidy and the countertops free of clutter.

Another idea is to break up the run. You might prefer an asymmetrical layout with tall and base units along the same wall. For example, if a wall is just over 3.6m in length (12ft),

it’s likely to have three tall housings at one end and three base units at the other.

Typically, there would be wall units, floating shelving, or a window above the base units. Along the opposite side you could have wall units, shelving, a window, or even a clear wall.

This arrangement works really well if the kitchen is quite narrow, since without a tall bank of units as you enter the kitchen, the space will feel more open.

Depending on the layout of the home, galley kitchens may or may not be closed off at one end. If the far end leads to another room, or the garden, it will witness heavy traffic, because it will become a thoroughfare.

Depending on the number of people in your household, this may not be a problem, but if you have small children or pets, you won’t want them charging through the kitchen while you’re holding a sharp

knife or a pan of boiling water.

You can enhance the safety of your layout — particularly where the corridor is very narrow — by planning your kitchen with the sink and cooker top on the same run.

Appliances should be focused in one area, so you won't have to turn to the opposing run with potentially dangerous items in your hands.

A galley kitchen closed off at one end can be a safer layout, because there's only one entrance, giving the cook greater awareness of others coming and going.

How can you make good use of this wall space? It might be there's a window here, in which case it's important not to block your kitchen's natural light.

Alternatively, there might be room for some open shelving, a nice painting or perhaps a family-friendly chalkboard wall, which can be used for notes, or for shopping or to-do lists.

The clever use of the mirror in a compact kitchen is also worth noting; it creates the impression of a bigger space.

An enclosed galley kitchen may not be the most sociable setting for the cook. A popular adaptation, when space allows,

is the inclusion of an island.

An island can be used to replace one of the runs of units to become part of the kitchen layout. It can be located parallel to the longer run of units and, typically, houses either the range, or the sink. Whichever of those is not positioned in the island can be staggered on the opposing run rather than directly opposite.

This arrangement is safer and more efficient during cooking, because it reduces the amount of turning required between the sink and stove.

Some homeowners want to add an island to a galley layout, yet intend to keep the additional work surface clear. This is often the case with bakers, who like to use the space for rolling out pastry.

Seating on the far side of the island helps to keep children safely clear of the cooking area, but ensures a more sociable arrangement than a standard galley would have.

Sometimes there's space for a small peninsula, or breakfast bar in a galley kitchen, providing additional storage, as well as dining space. Here, the peninsula at the far end of the kitchen should be fully clear of the cooking zone and has seating on the far side. (It can

also double as a butcher block).

If there's space to add a table between the opposing runs of a galley kitchen, this can sometimes work. However, you need to be careful when planning the space, because if it pushes your work surfaces too far apart, they will become much less efficient.

In a galley layout, homeowners are keen to avoid a "corridor" effect, in which the kitchen feels small and enclosed.

However, even in small spaces, there are ways to avoid this. Losing the continuity of tall units in favour of wall units, or shelving will help open up the space.

The choice of furniture also helps: high-gloss finishes in pale colors are best for reflecting light and enhancing a sense of space.

Similarly, doors and drawers without handles give a clean look and take up less physical space than ones which feature elaborate handles.

Finally, lighting is key. Well-placed and oversized lighting will soften the kitchen's look and create the impression of more space.

It is also important to ensure that work surfaces are well lit. This will help to ensure that the person doing the cooking can actually see what they are doing.



If the opposing runs are too far apart, the kitchen will lose its efficiency.



Whilst not actually a "galley" kitchen in the strict sense of the word, a kitchen which is so narrow that it will only allow for the installation of a single run on units can still work well in that it adds to the available floor space.



VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - AUGUST 2018

FELDER

JONATHAN RANDALL
HANDMADE KITCHENS FROM THE COTSWOLDS

“Second to none!”

Mark Musty, Workshop Manager

“Saves us on average, one week per month in sanding and the pad facility for the finish is absolutely brilliant!”

Jonathan Randall Kitchens Ltd's Woodworking Machines

FW 950 classic
Sanding machine

Kappa 400 x-motion
Sliding Table saw



Over 150 Woodworking Machines to choose from! Call today and find the right Machine from the FELDER GROUP range!

For more information Tel. 01908 635 000

Unit 2, Sovereign Business Park, Joplin Court Crownhill, MK8 0JP, Milton Keynes

info@felder-group.co.uk

www.felder-group.co.uk