Kitchen Maker

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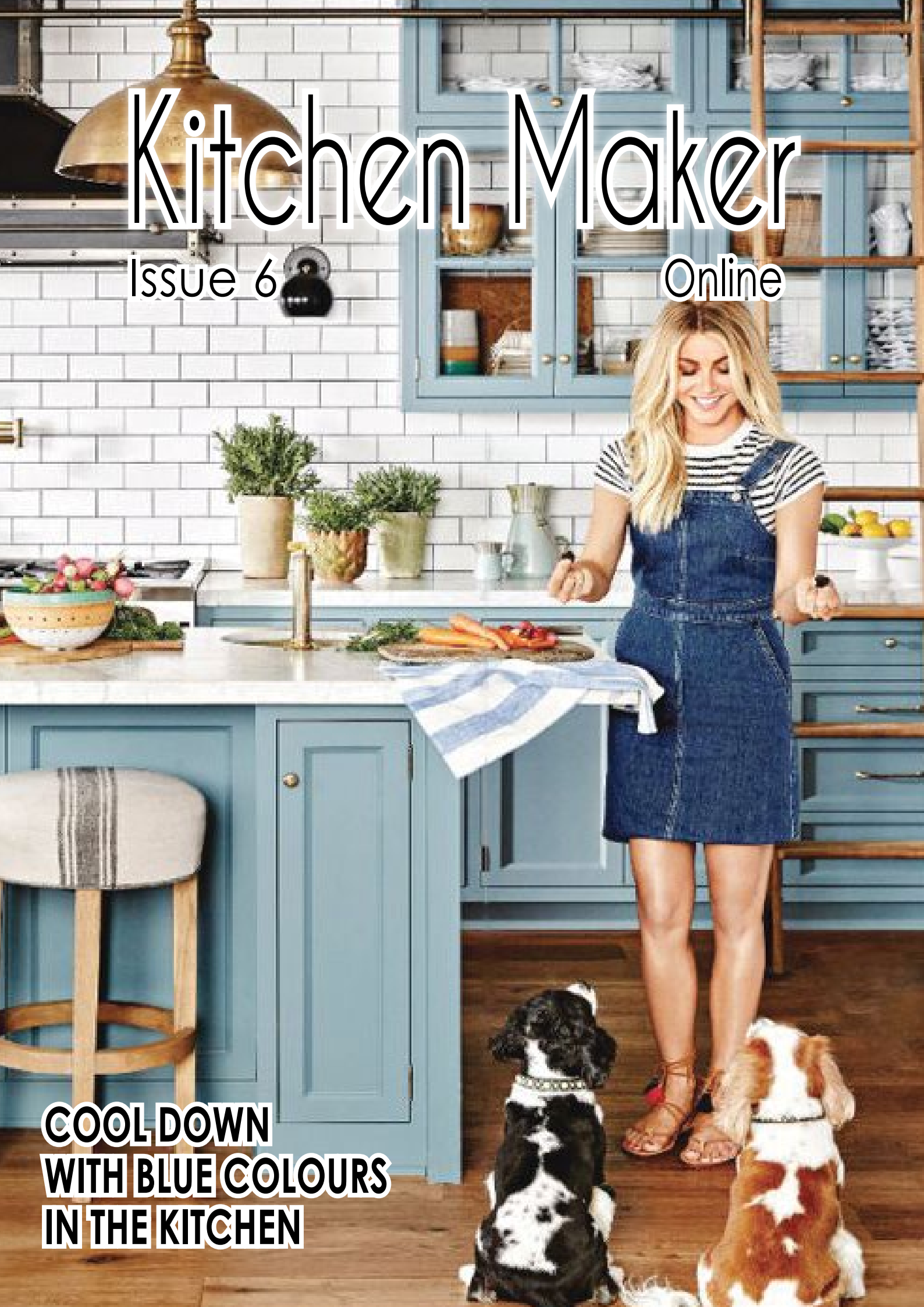

COOL DOWN WITH BLUE COLOURS IN THE KITCHEN

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COOL DOWN IN THE KITCHEN WITH BLUE COLOURS

IT IS certainly true to say that there is something calming and innately tranquil about the colour blue. Whether we are imagining ourselves relaxing under a clear blue sky, or dipping our toes into the ocean as we walk along the beach, bright blue colours tend to cheer us up.

For those of us who are out at work all day, when we come home, the first place where we congregate is usually the kitchen, retreating there to prepare the evening meal and remaining there to eat and to do the washing up afterwards or to stack the dishwasher.

And if we feel that we need a bit of cheering up, we can always uncork a bottle of wine and pretend that somebody else is doing the cooking whilst we kick off our shoes and allow a soothing atmosphere to restore our equilibrium.

Soft natural blues are often used in Shaker kitchens. On the other hand, for a truly bold statement, navy blue coloured cabinets work well set off against white marble counter tops.

Cornflower blue cabinets can be warmed up by the inclusion of a few gold-coloured accents, such as brass handles and a paisley patterned wallpaper used for the main walls provides a good combination.

In an all white kitchen, the addition of a select number of blue elements, such as a pale blue range cooker, accompanied by a similarly coloured cooker hood and the use of blue pots and pans can do a great deal to uplift a plain expanse of white.

If you feel that installing a large number of kitchen cabinets in blue would be too much (or you simply do not want to dispose of those which are already in situ), dip a toe into the (blue) water, by painting a kitchen island in blue (perhaps setting it off by white worktops).

Mid-tone blue colours go with just about anything. Think of them in the same way as if they were a favourite pair of jeans. Remember that denim colours match well with most things in your wardrobe. These mid-tones act as the ideal shade if you are trying to work around existing elements, such as wooden floor boards, laminate flooring, or highly patterned splashbacks.

Into pop-art? Try replacing the doors of any top cabinets with ones in a glossy aquamarine blue.

Want to opt for a particularly striking combination? Try combining royal blue cabinets with rich red walls. It may sound like a somewhat bizarre colour combination, but it really works, creating a bold, but impressive palette.

Hand-painted glassware and collections of china can be used as the focal point in a small kitchen. In a more traditional farmhouse kitchen what could look better than a display of blue and white willow-patterned china set off against oak kitchen cabinets?

Just a few hints of blue can brighten up any kitchen – even if if is simply a matter of recovering the backs and seats of the kitchen chairs or, simpler still, just toss a few blue cushions into the mix.

The use or darker blue colours tends to create a more intimate atmosphere. Tones of blue which verge on being purple, perhaps set off by touches of deep crimsons provide a feeling of rich opulence which is hard to beat.

Icy blue tones work well with the classic combination of black and white and even the addition of a blue splashback, or replacing the tiling above the kitchen sink can provide a much needed uplift.

There are no end of ways in which one of Nature's most cheerful colours can be introduced into the kitchen. Who knows adding the colour blue might prove to be just the recipe for chasing the blues away!

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The signature furniture collections of Smallbone celebrate the re-invention of English architectural epochs and challenge perceptions of space.

SMALLBONE RELIES ON MARTIN MACHINERY IN THE SAME WAY THAT IT DEPENDS ON THE SKILLS OF THE STAFF IN ITS WORKSHOP

SMALLBONE of Devizes is a leading interior designer specialising in hand-crafted custom-made kitchens and other domestic furniture.

It is a global purveyor of bespoke fitted cabinetry from the rich tradition of British craftsmanship. For decades now its craftsmen have devolved a deeply diverse portfolio of immaculately executed individually designed custom-made furniture – with a special emphasis on the kitchen.

The company brands itself as "A 21st century leader in hand-made British furniture design, keeping its artisanal roots in plain sight".

Deeply rooted in the craft, Smallbone's joiners execute a great deal of their work by hand, turning out precision-made designs that, subsequently, migrate around the world.

Smallbone kitchens find their way into the finest properties around the world, They are all produced in the company's workshop in Devizes. Smallbone is synonymous with meticulous and very personal service.

Each commission represents a close collaboration between designer and client. Each project is allocated its own dedicated design and installation team – from initial concept through to the finished work.

"Smallbone interior spaces have increased the value of some of the world's most desirable addresses" is the proud boast of the Wiltshire-based company.

Smallbone's workshop in Devizes has one of the most experienced research teams in the world whose job is not only to create bespoke designs with the finest artisanal values, but also to source the tools and equipment with which to equip those workshops.

Seeking out the "best of the best", it is no surprise that the company has repeatedly turned to German machinery manufacturer, Martin for the purchase of equipment, including a sliding table saw, a planer/thicknesser and a surface planer.

Martin's T70 sliding table saw is a classic machine, which has set standards and boasts maximum performance combined with a sturdy mechanical design.

Martin invented the mitre cross-cut table over 50 years ago to be able to produce precise angle cuts on larger panels. Since then, this popular accessory has been subject to continuous improvement.

Whereas back in the late 1950s all that was required to set mitre cuts was a simple scale, nowadays, the latest table includes a modern digital angle display and fine angle adjustment.

The fence can be tilted to either side to any angle up to 47 deg and the angle is displayed with a resolution of 0.01 deg.

A strong central lock ensures reliable repeatability of the correct angle.

It is therefore not without good reason that

customers, such as Smallbone opt for the sturdiness, functionality and precision of this important and impressive invention.

The innovative "RadioCompens" mitre cut system provides fully automatic length compensation for mitre cuts by means of a wireless connection between the mitre cross-cut table, controller and digital display of the cross-cut fence.

Thanks to this wireless-supported communication of the cross-cut table, controller and stop elements, time consuming set-up times for mitre cuts can be reduced by up to 80 per cent.

The operator simply sets the table to the desired angle and the electronic cutting length displays on the cross-cut fence immediately show the correct length dimension.

Compared with other systems on the market, "RadioCompens" compensates for a variety of saw blades thicknesses automatically.

As a result, the operator can additionally produce a precision cut, with an accuracy of a tenth of a millimetre on the left-hand side of the saw blade – irrespective of the type of saw blade being used.

For those who prefer to work with digitally exact dimensions, the digital cross-cut fence is the right option, as the inner and outer stops work with separate measuring devices and can therefore be set independently with the accuracy of a tenth of a millimetre.

Each display can be changed over to display relative dimensions in order to execute incremental cuts in the fastest possible time. As is the case with the analogue version, the digital version is also available as a flip stop with full-length support.

The "Control" mitre cut system for the Martin T70 model includes a package, which combines the controlled cross-cut fence with the mitre cross-cut table.

Apart from the cutting height, angle and width, the cutting length and the table angle are also completely integrated in the controller by this means.

Martin's T70 sliding table saw boasts maximum performance combined with a sturdy mechanical design.

The operator simply specifies the requisite length and width dimensions and the controller positions the saw blade and fences. The length compensation required for angle cuts is completely automated.

The mitre cross-cut table is connected to the controller by wireless means and it supplies the angle data directly to the controller.

The length compensation is provided dynamically for cutting lengths up to 3,300mm, whilst the operator adjusts the table. In this way the Martin T70 becomes a real angle-cutting centre.

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

It provides the company with perfect planning results and it is impressively silent in operation. Ideally suited for modern production methods, it supplies cleanly planed wooden surfaces. It is quick and easy to operate and for those companies which are on a limited budget, it offers excellent value for money.

Irrespective of whether short or long workpieces are being planed, the sturdy thicknessing table extension usually dispenses with the need for a second person located behind the machine.

Short workpieces do not fall on to the floor and longer ones are supported at the out-feed side. The table extension always moves synchronously with the thicknessing table and this accessory can be retro-fitted without any problems.

It is possible to choose between the long 1,200mm version, or the short, foldable 450mm version. The latter can also be mounted on the infeed side.

The workpiece transportation of problematical materials and short workpieces can be improved by means of a second rubber outfeed roller – especially if no lubricant can be used. The second outfeed roller is also available as a steel roller.

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

The operator can switch between the standard feed speeds of 6m/min and 12m/min during the planing operation.

Another distinct advantage is that the feed speed can be adjusted by means of the optional, infinitely variable feed control. This option allows variable feed speeds between 2m/min and 25m/min – depending on the individual design.

Another option which Smallbone decided upon was the purchase of a Martin T54 surface planer, which was reckoned to be a perfect fit for the company's workshop.

This machine was initially developed primarily to accomplish two separate tasks – firstly to dress workpieces perfectly and, secondly, to provide these workpieces with superlative angular edges quickly and safely.

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

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

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

Chamfers can be planed in no time at all, owing to the fact that any angle between 90 deg and 45 deg can be set quickly by means of the user-friendly single-handed operation.

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

Want to find our more on Martin? Visit www.martin.info
Want to find out more on Smallbone? Visit www.smallbone.co.uk

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

The strong fusion of British hand-made artisanship with design kudos has been instrumental in Smallbone kitchens attracting customers from all over the world.

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PREMIUM KITCHEN PRODUCTON STEPS UP WITH THE HELP OF SIRIUS CNC BORING MACHINE

BASED in a converted loom manufacturing mill in Colne in Lancashire, Simpsons is renowned for its premium kitchen, bedroom, bathroom and other furniture lovingly crafted using largely traditional machinery.

However, due to frustrating bottlenecks and consistency issues with its drilling operation, the company needed to find a dependable and affordable solution.

The foundation of the business is a creative, passionate and astute team, led by brothers, Steve and Phil Simpson, who are dedicated to what they do.

Over the years, the Simpsons' reputation has grown throughout Lancashire and further afield and the company has become a prime source for those wanting to acquire beautifully-crafted bespoke furniture.

The company's kitchens and bedrooms adorn glossy magazines and are widely admired for their design, craftsmanship and sheer resourcefulness.

The business began in 1997 making small pine products in a shed and over the next ten years moved into pine furniture.

The business really kicked into gear in the early 1990s when Simpson's started producing free-standing kitchen furniture and also making fitted kitchens, for a more demanding clientele in the local area.

If the company was to describe its signature style, the current vogue for the classic painted look with a contemporary feel using high quality, timeless materials is one of its most successful looks.

Today's customers still mostly come from the local area and are able to spend £50,000-plus on a project, which Simpson's can manage from initial design ideas through to a complete interior renovation project.

Needless to say, there is no such thing as a typical £50k kitchen. More often than not, there is considerable bespoke work involved and the quality which underpinned the business in the early days is even more important when the clients' investment is more significant.

As the business evolved, Simpsons has carefully and strategically upgraded its production capability to meet its needs.

Production manager, Ross Whittam is responsible for Simpsons' industrious workshop with a team of long-serving skilled craftsmen and a raft and traditional machinery and equipment.

In recent years finding new ways to

adapt and improve the production process to keep delivering outstanding results has become more of a challenge.

Ross and the team continue to look for ways to improve capability in the company's production process, and one bottleneck which was beginning to create knock-on issues was the drilling of the carcass panels and other components.

Not only had throughput long-since been an issue, the increasingly complex drilling patterns, accuracy and consistency had now exacerbated the problem.

Ross felt that the company needed an entry-level CNC solution for fast, consistent drilling and it was agreed to search for a simple drilling and grooving solution – but it was not a CNC option which was initially being looked at.

Steve contacted Carl O'Meara from J & C O'Meara, who had previously supplied Simpsons with several traditional machines.

'We could see the problem, that was easy and we just wanted to get something cost-effective that could drill and groove the carcasses accurately – doing this manually it could take up to an hour to drill, which was far too time consuming, and it was creating a massive bottleneck for us,' says Steve.

'We initially wanted to look for a simple drilling machine, but Carl suggested we look at one of his new Sirius CNC boring machines with a router head and automatic tool changer.

'When we discovered that this machine could do what in five minutes what would normally take an hour, we could see that this would be a very rational and worthwhile investment for the business,' says Steve.

After a smooth installation, the training took an initial day with Ross quickly getting to grips with the basics of the machine.

'The set-up was simple and we were easily up and running with support from Carl and his team,' explains Ross.

'The TeamViewer function gave us direct access to experts in Turkey – where the machine is manufactured – who were able to see what were doing and offer practical advice in real time – we even used WhatsApp as well!

'After a week or so we had mastered what we needed to do on a regular basis and now we're beginning to explore the full potential of the machine,' says Ross.

Steve also made the point that the new machine has allowed the company's designers to be less wary of some of the work they may have previously given a wide berth to, because of its complexity and difficulty.

Now, a lot of the complicated and detailed work can readily be achieved with the result that there is a much greater design freedom than was possible before.

The Sirius CNC 950M boring machine with a router head and automatic tool changer has a heavy duty construction and this is ideal because it allows the X and Y axis to move quickly without effort at speeds of up to 70m/min.

It has a generous 950mm working width meaning that large panels can be loaded accurately being held firmly in place by the pneumatic gripper and moved through the machine easily thanks to the air floatation tables.

It also features a router head and automatic tool changer 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 work piece.

The machine is also equipped with horizontal drilling to all four sides and a grooving saw in the X axis. It has a large, easy to use, industrial-based 17in colour windows based PC with both USB and remote file transfer.

With the addition of the router head, numerous repetitive and detailed tasks can be easily resolved, such as grooving for solid backs on carcasses, routing out for cable management, pipes or skirtings and shaping for corner units.

It comes fitted with a six position automatic tool changer to the router head which manifestly expands the list of possibilities for this machine.

For Simpsons, the additional functionality was a bonus:

'The focus of what we needed sorting was the carcass drilling. The fact that it did all these other things as well was a real bonus,' explains Ross.

As an example, Simpsons is well known for its curved work with smooth corners, arches and a rounded details – the Sirius is being used to create highly accurate jigs to make this type of work more accessible and repeatable.

Previously, jobs like this were very time-consuming, made by hand, or even subbed out to other companies. Now, with the Sirius, it's a straightforward process.

'With the new machine, we have improved manufacturing standards and consistency, reduced machining errors to practically zero and our throughput is perfect from the point of view of drilling,' says Ross.

'Thanks to the Sirius machine and Carl and his team, Simpson's now has a far more professional and reliable production system. We're delighted!' he concludes.

What to find our more?
Visit www.ukwoodworkingmachinery.co.uk or
www.simpsonsfurniture.co.uk

Computer Software

Cabinet Vision will save you time and labour

A HIGH-END interior design and furniture company proclaims that Cabinet Vision software plays a vital role in the company's recently introduced automate manufacturing process, contributing to the company's growth.

Langstaff-Ellis describes itself as a "full design and manufacture house," splitting its work around 50:50 between end-user clients and a range of designers, architects and developers, handling concept and design through to the installation of bespoke carpentry for a full home interior.

Managing director, Ed Birks says that they work in a substantial number of high end residential and commercial properties, creating everything from kitchens, wine rooms, libraries and dressing rooms, catering for a range of styles, including ultra-modern minimalistic and a more ornate look.

The company, which has been in business around eight years, began investing in CNC machinery and software in 2016.

'We felt that there was a huge amount of ground to be gained by automating the processes. Our Homag beam saw and drilling and routing centre came first, but we found that programming each individual pattern was taking several days for a large project, so we brought Cabinet Vision in to overcome that,' says Mr Birks.

The original 3D models are designed in SketchUp. Once the files are imported into Cabinet Vision, the specialist woodworking software then produces the component list for everything that needs to be manufactured.

'Cabinet Vision creates all the CNC files for our flat panel material and carcases, internal components and drawer boxes, along with worktops where necessary and cut-lists for all the solid wood components,' explains Mr Birks.

He says that their biggest challenge in the past has been the amount of time and labour required to produce technical drawings and CNC files, together with the associated risk of human error.

'Cabinet Vision now produces all our technical drawings in half the time and as the sales team also use it, our technical design costs have reduced significantly,' says Mr Birks.

The Cabinet Vision journey for each project begins after the quotation and specification.

'By that time we already have the agreed materials and style, so the technical design department inputs the material data and hardware schedules…essentially setting up a job file, ensuring that every element for the next stage has been imported,' says Mr Birks.

The sales designers then produce a complete set of designs, which Ed Birks says are all fully technical, including hardware.

'This means that only marginal tweaks are ever required when they go back to the technical design team ahead of a final check before going into production. From the point of sign-off, layouts and technical drawings are produced for the workshop and Cabinet Vision's Screen-To-Machine module is used to transfer the NC code to the machine tools,' he adds.

Langstaff-Ellis works closely with a company called "Cutlist", which is located in the same building at Chinnor in Oxfordshire and whose managing director is Ed Birks's business partner, Alex Langstaff-Ellis.

Cutlist provides a cutting and edging service, supplying cut-to-size panels and edge-banding for the woodworking, interior and furniture industries shipping throughout the UK.

'The partnership began when Langstaff-Ellis had expanded to the point that it needed to increased output without larger premises, or additional staff,' says Ed Birks.

'Cutlist was created to serve this demand and is now a thriving business in its own right, working with carpenters, joiners, cabinet makers, interior designers, builders and developers,' says Mr Birks

Langstaff-Ellis optimise all their projects in Cabinet Vision and send the cut file through to Cutlist, which then re-optimises the file before forwarding it to the Homag beam saw.

'Langstaff-Ellis is currently developing a CNC flat pack service whereby clients can submit a design of their own and we'll will input this data into Cabinet Vision, finalise the technical design and then machine the panel components for the project using their CNC router. This means that the client can receive a bespoke flat-pack kit for their project,' explains Mr Birks.

'Cabinet Vision brings all aspects of our operation together and means that we can produce our CNC files quickly and accurately,' concludes Mr Birks.

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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 all new invisible V-1230 connection system 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 were recently demonstrated in applications including kitchen cabinets, cabinet to cabinet assembly invisible shelf assembly and end panel alignment at W18.

The new invisible V-1230 connector, a finalist in the Elements of Innovation awards, incorporates all the 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.

Ovvo was also displaying a PantoRouter, in collaboration with The Woodworkers Workshop (www.woodworkersworkshop.co.uk)

The PantoRouter is a precision copy milling machine able to cut a wide variety of wooden joints. Designed with the mechanical linkage of a pantograph in mind, the PantoRouter operates in all three axes.

Other than the positioning of your workpiece on the X and Y axis, you can set the exact plunge depth of the router cutter on the Z axis, making the PantoRouter one of the most versatile jointing machines in the world.

The PantoRouter uses templates, which allow you to accurately trace the tenons, dovetails, distances, drilling patterns, or free-hand contours and easily replicates the milling needed to rout out and use the Ovvo connnection system.

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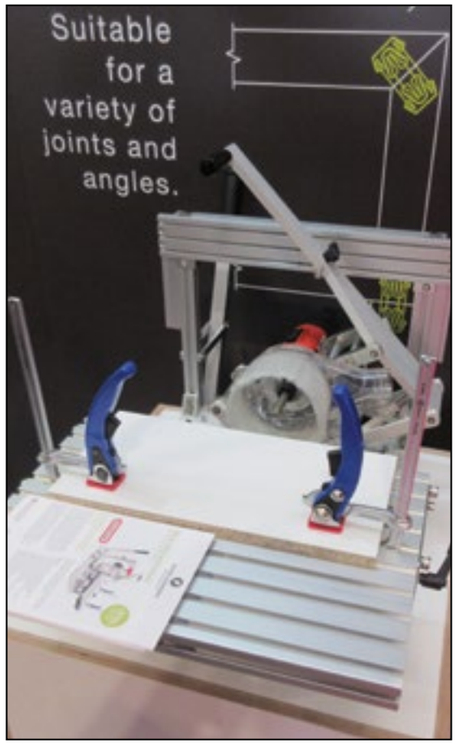
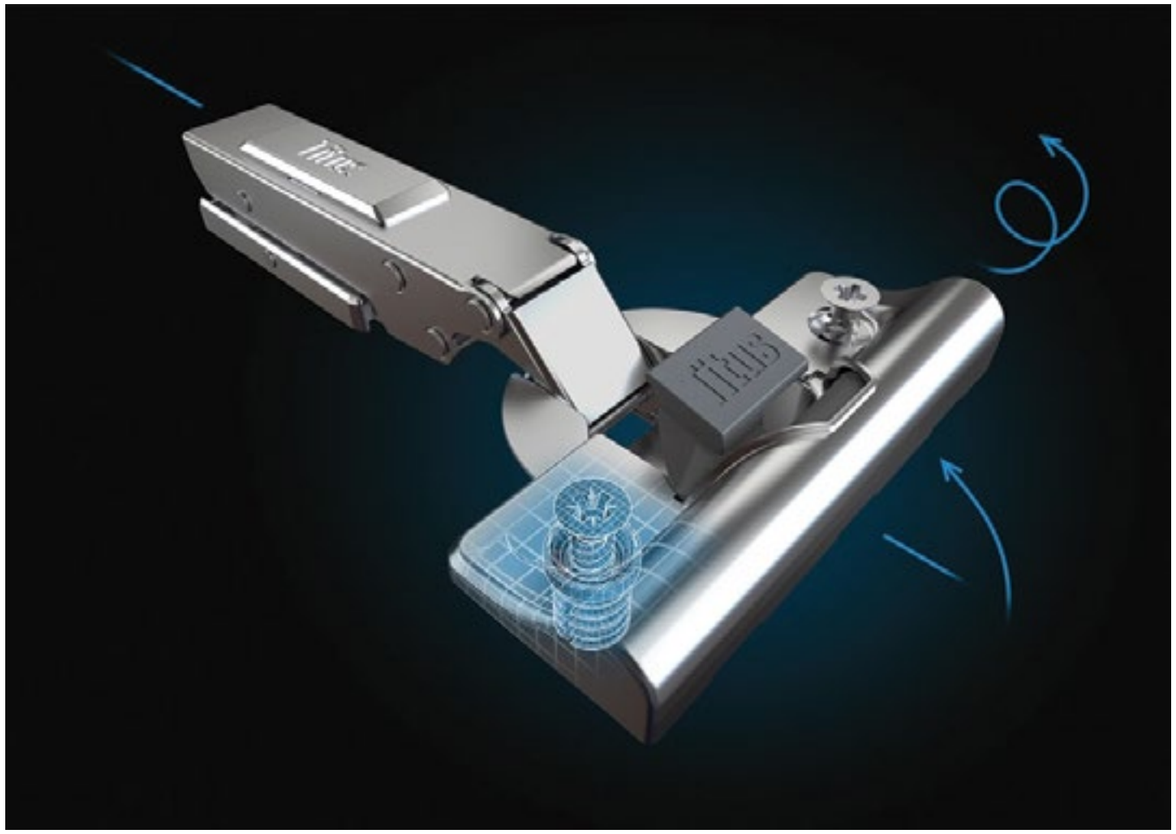




A SOFT CLOSE ACTION FOR KITCHEN CUPBOARD DOORS

FASTFIX hinge cup and pie-cut corner hinges are the latest additions to the popular and successful T-type hinge range from cabinet hardware experts,Titus.

The new-generation T-type hinges reliably deliver the soft closing action preferred by end users and require only a shallow hinge cup. This makes them suitable for use with door thicknesses ranging from 15mm to 26mm and they have passed FIRA tests for BS 6222-2-2009, Test Level H.

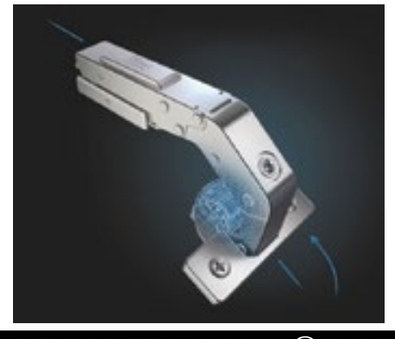
FastFix hinge cup features pre-mounted 8mm diameter expanding dowels, which enable precise tool-free insertion and hold the hinge cup accurately in place until the dowels are tightened, making hinge attachment quick and easy. Triple-start screws provide additional time savings.

The Titus T-type pie-cut corner hinge offers full door opening to 170 deg, giving easy access to cabinet interiors. In addition, when both doors are opened, the first is locked at 25 deg to the second, so that both move away from the user and are prevented from hitting adjacent cabinets.

The pie-cut hinge uses a standard 35mm diameter drilling pattern and needs no edge drilling.

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 while maintaining smooth hinge operation.

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

The dampers are single-direction hydraulic types that 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.

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

HOT COATINGS FOR KITCHEN CLIENTS

KLEIBERIT has grown to become a global leader and innovator of PUR adhesive systems and in 2019 the company will be celebrating its 70th anniversary.

Kleiberit's impressive milestone coincides with the company embarking on a ground-breaking 10-year vision: a €40m investment plan that will see the company double its capacity and increase both the speed and flexibility of its operation.

Kleiberit began trading in 1948 when its primary focus was on producing classical white glue for the woodworking market, including kitchen furniture manufacturers. in the 1980s the focus shifted towards polyurethane hot melts – and it's this niche that Kleiberit has really made its own.

'Today the main part of our business is the woodworking industry,' explains managing diirector of Klkeiberit Germany, Achim Hübener

The adhesive specialist – that has had a subsidiary in the UK since 1992 – openly admits to not striving to be all things to all men.

'We only supply B2B,' says Achim. 'We start with small kitchen fitters, carpenters and the like, but we also go out to the big companies in the industry. Our strength lies in the development capabilities we have here, in the manufacturing capabilities we have and in the technical expertise we can offer our customers. These are the three main cornerstones of our business,' says Achim.

Achim attributes much of Kleiberit's success to the hands-on experience of its sales engineers, who spend much of their time working alongside production staff in the factories of Kleiberit customers.

'They are not only able to give you a price, or discuss a package that works for you, they are able to run the machine in your factory,' he says.

'They will run our glue on your machine and demonstrate what, in our opinion, are the best settings to acheive the best mileage out of the product, the best coating out of the product and the best adhesion performance out of the product.

At Kleiberit's German headquarters, the company has a large scale application centre with industrial-size machinery – a resounding nod to the company's ongoing investment into research and development.

'If you want to put your foil on a full 8 x 4ft sheet of the type you are using, we can do that here. We will not ask you to cut it down to A4, so we can show you that the glue works,' explains Achim.

Keen for Kleiberit's customers to get the

most out of its product range and benefit from its team's exceptional experience in adhesives, customers can also visit the application centre with new materials where Kleiberit's experts will work with them to find the perfect solution for their manufacturing needs.

'This is a real benefit of Kleiberit as a partner. Customers can come here and get good support, good service and a good product,' says Achim.

'We work with major machinery companies who let us participate in their innovation, so when they bring out a new machine, we already have the glue that works with it.

'An example of this is the hot coating story that we developed in conjunction with Barberan: we had the PUR to provide a perfect bond to melamine and Barberan had the machinery to provide the benefits of a perfect optical finish.

'That was the idea behind hot coating: it combines PUR technology and lacquering and the result is a finish with very high abrasion resistance, making it ideal for kitchen worktops and other areas of high sustained useage

This insightful approach to business was behind the acquisition of Dekora PUR in 2014. The hot coating company can now conduct full scale production trials and technology demonstrations at a moment's notice, whilst also producing panels for would-be investors who might want to start supplying product ahead of the installation of a line of their own.

The company is manufacturing for several regular kitchen clients in Germany who want the hot coated product, proving the point that Dekora PUR isn't just a demonstration facility that's polished meticulously for visitors and opened on demand – it's a fully fledged production business that's running two shifts a day.

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

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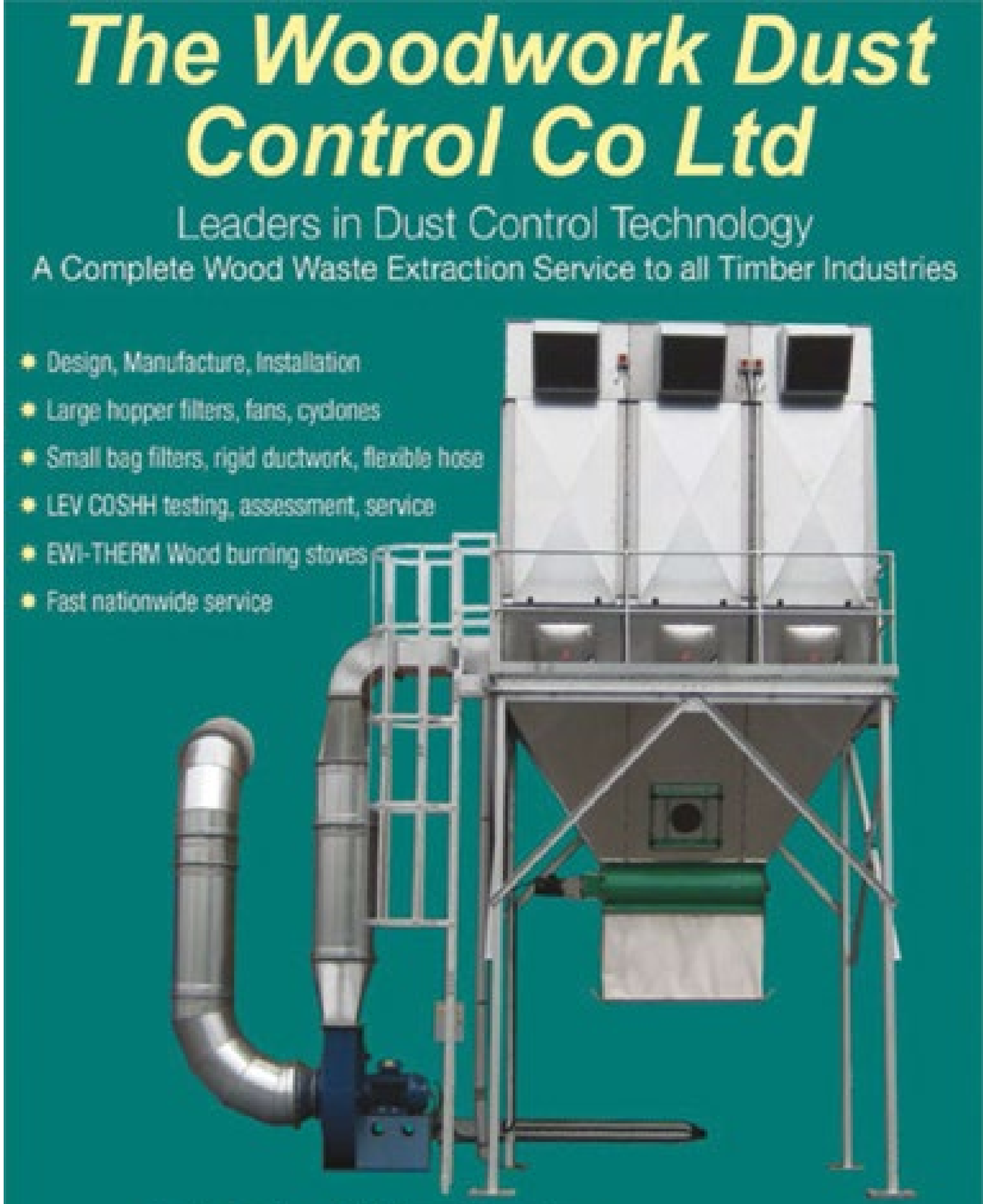

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