

Kitchen Maker

Issue 5

Online



GOING GREEN IN THE KITCHEN

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FRIENDLY LOCAL BUILDER
TURN TO PAGES 3-7

WOODWORKING MACHINERY

Introducing the **NEW** ATACAM CNC Routers

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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.

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GOING GREEN IN THE KITCHEN

KITCHEN DESIGN

RANGING from olive green to lime green, a verdant green coloured kitchen can be packed with personality.

One look which has been inspired by holidays to the Greek islands and which is rapidly catching on in suburban homes is the use of earthy greens for kitchen doors, window frames and cabinetry all of which can be used to echo the choice of colour which so closely reflects the Great Outdoors.

Having a green kitchen may sound insane. It may conjure memories of your aunt's dated avocado coloured one from the early 1980s or, for those whose memories stretch a little further back the ubiquitous use of park bench green, which was the staple colour for kitchen shelves and free-standing Formica kitchen cabinets in the late 1950s and 1960s

However, these days the colour green can be seriously cool. Bring the outdoors inside with a vibrant kitchen that'll make you look forward to rolling up your sleeves and getting on with the cooking - maybe even doing dishes.

From pale mint green to deep, rich coloured emeralds, these natural inspired shades are all the rage at the moment and are set to inspire you to "Go Green" in the kitchen.

Bringing the outdoors indoors for a "Back to Nature" look may seem somewhat retro, but there are various ways to keep it all looking totally modern.

Choose a dark green with grey undertones, if you want to maintain a more restrained look, but one which still feels totally natural. Pair green colours with white and add brass taps and cabinetry handles for a true touch of class.

Choose a jewel-toned shade, such as emerald green, to add glamour. Add a few gold accents and, when you invite the neighbours in for coffee, they may be forgiven for thinking that you have just come up with five correct lottery numbers and the thunderball!

You can even fake a green kitchen without actually having a green kitchen at all, or having the need to replace any of the cabinetry.

This can be achieved by painting the areas surrounding the breakfast bar in green and bringing the whole look together by including a green rug and a selection of vibrant green house plants.

Traditional Shaker-style cabinets in a farmhouse kitchen take on a fresh, new look after a couple of coats of blue-green paint have been applied.

These colours will certainly stand out when combined with white walls, but not in a manner that is any way jarring to look at.

Pistachio green cabinets can pick up the veining of marble countertops whether they are the real thing, or simply wooden worktops which have been given a marble finish.

Bring the colour green into the kitchen by adding plain green wall tiles or, for a more subtle look, replace your pots and pans with ones that are a pale



Steve Curtis is a local kitchen fitter and plumber who was persuaded to make the long drive from southern Spain to fit out a kitchen in Carcassonne after he had made such a good job of fitting out the owners' Spanish holiday home situated near Mojacar in the dessert province of Almeria.





Brick-shaped tiles in earthy tones provide the splashbacks and make the best possible use of the irregularly sloping roof line of this French kitchen by reflecting this in the similarly irregular heights to which the level of the tiles extend.

mint colour (IKEA offers a good selection in this increasingly popular colourway).

A green kitchen can be quite funky – especially if a lush, leafy patterned wallpaper is used to cover the walls to create a jungle look.

It may seem weird, but a green gingham patterned ceiling will serve to reduce the apparent height of the high kitchen ceilings which are often found in Victorian houses.

Paler shades of green can help to seamlessly blend the use of darker green hues in certain highlighted areas in the kitchen.

Green goes well too with Moroccan clay tiles – especially when they are being used to form a splashback behind the kitchen sink.

Perhaps surprisingly, green can be used to good effect even in the smallest of kitchens turning a tiny workspace into a veritable jewelry box.

Mahogany counter tops with complementing brass hardware will positively gleam when combined with moss-coloured cabinets, whilst the use of sage colours on neighbouring walls will serve to add depth and texture.

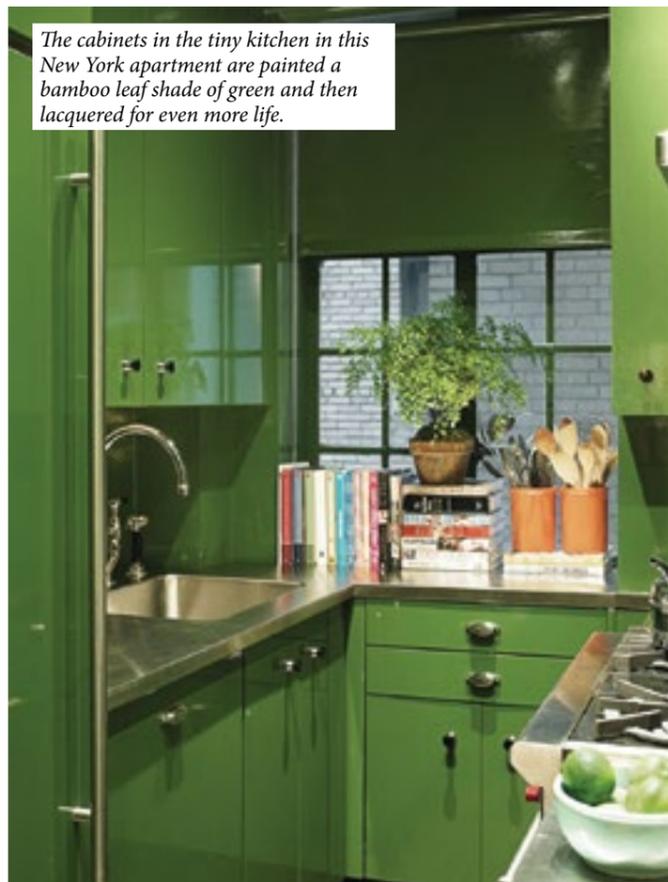
You can achieve the best of both worlds by painting cabinet fronts white and adding a green accent colour on the back. A greenish shade of turquoise is perfect for this purpose and looks especially good in a seaside location.

Mirror glass, stainless steel, black marble and high gloss greens serve to reflect light and are ideal for use in city apartments, making the smallest of kitchen areas appear to have hidden depths, allowing them step up to the mark and sparkle. Choose high gloss finishes to achieve the best effects.

You can use a selection of different green colours to good effect. Remember that in Nature the leaves of plants are a multitude of



Choose a jewel-toned shade, such as emerald green to add glamour.



The cabinets in the tiny kitchen in this New York apartment are painted a bamboo leaf shade of green and then lacquered for even more life.



Pistachio green cabinets pick up the veining in these marble worktops.



Pairing green with brass for a touch of class.



Paler shades of green can help to seamlessly blend the use of darker green hues in certain highlighted areas in the kitchen.

Mahogany counter tops with complementing brass hardware will positively gleam when combined with moss-coloured cabinets.



different shades of green and they never seem to jar one against the other – instead blending together in a sea of green, which is as diverse as it is possible to be.

Green colours seem to inspire the imagination. When the owners of the kitchen featured on our front cover located in a villa just outside the ancient French walled city of Carcassonne choose the highly lacquered look of these gloss-fronted units (part of a range from IKEA) and wanted to combine this ultra-modern look with more earthy tones, they were somewhat at a loss to come up with a simple solution to draw the two different themes together.

Luckily, Steve Curtis a local kitchen fitter and plumber who they had called upon to fit out their Spanish holiday home in the desert province of Almeria, was persuaded to make the long drive from southern Spain to fit their French kitchen.

Brimming with ideas, Steve soon came up with the solution of using brick shaped tiles in earthy tones to provide the splashbacks, making the best possible use of the irregularly sloping roof line of the French kitchen by reflecting this in the similarly irregular heights to which the level of the tiles extended.

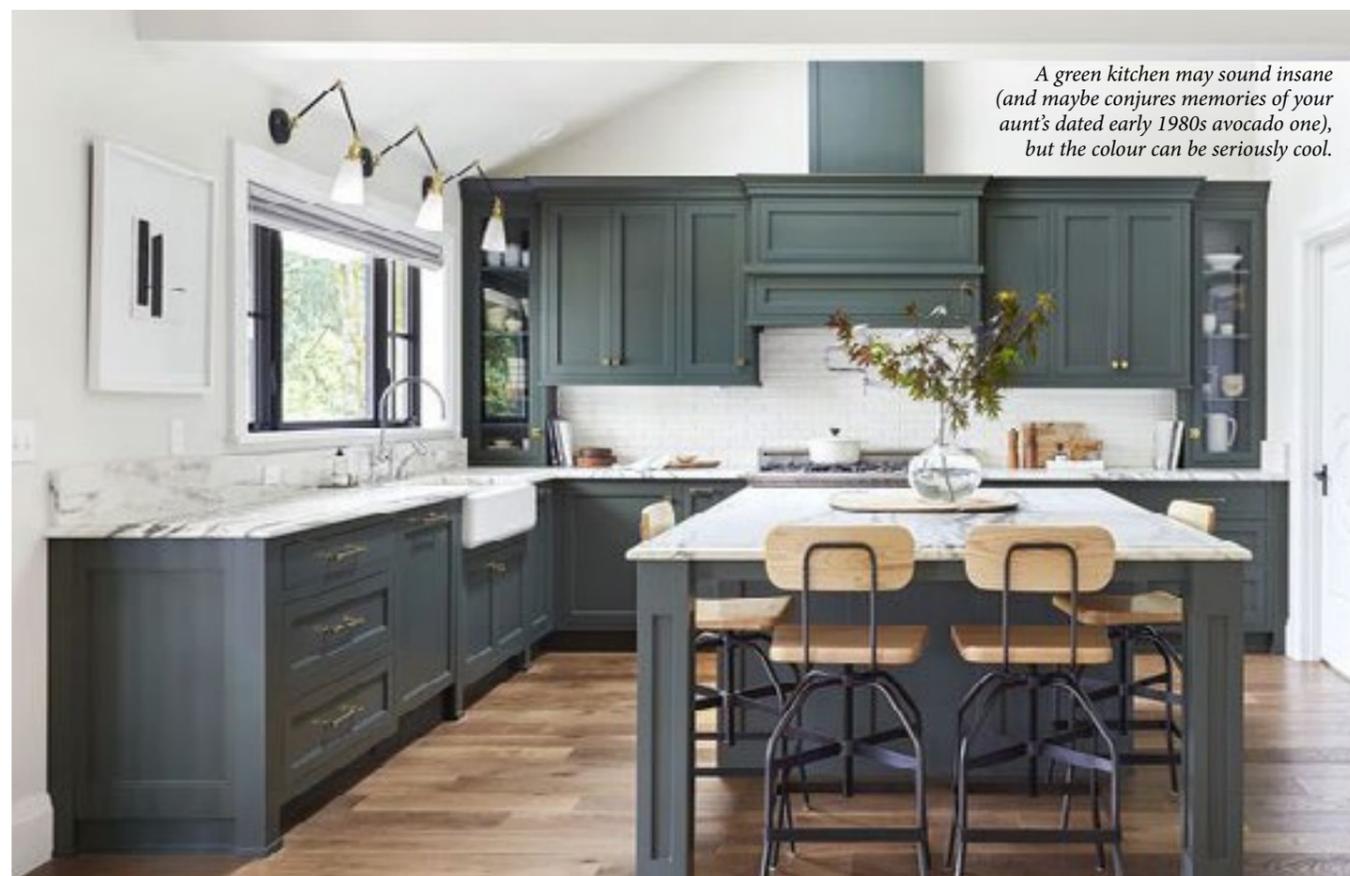
It all made for a totally unique look and one which the owners are pleased to report has been much admired by visiting friends and neighbours alike.



KITCHEN DESIGN

Traditional Shaker-style cabinets in a farmhouse kitchen will feel fresh after a couple of coats of blue-green paint.

A green kitchen may sound insane (and maybe conjures memories of your aunt's dated early 1980s avocado one), but the colour can be seriously cool.



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MANUFACTURING
MACHINERY



FAMILY FIRM WITH A THOUGHTFUL DESIGN APPROACH RELIES ON GERMAN MACHINERY SPECIALIST, MARTIN.

WOOLLARDS of Mildenhall is a company specialising in creating customised design solutions for the home, especially bespoke designer kitchens, bedroom furniture (including fitted & sliding wardrobes), study furniture and bathrooms all expertly crafted.

Woollards was established in 1947 and is a family run business, priding itself in caring for its customer's individual needs – the company's aim being to provide absolute satisfaction with a customer experience which is claimed to be second to none.

Woollards reckons to use a far more thoughtful design approach compared to other furniture manufacturers.

The company's simple philosophy is that it has no "salesmen" and that its customers are their own "salesmen", choosing from one or more of the company's highly experienced, expert designers rather than consulting with sales staff.

As the result of over 70 years experience in design, product selection and taking care of its clients, Woollards has recently developed a fresh, more thoughtful approach towards transforming individual living spaces with the best, most innovative design solutions imaginable, delivered on time and within budget.

Those who are searching for quality products and first class service combined with value for money will not be disappointed with a visit to the company's showrooms in Mildenhall near Bury St Edmunds.

The company's main workshops are also situated in Mildenhall and one of the latest machines to be installed in the workshop

is the T75 sliding table saw supplied by the renowned German woodworking machinery manufacturer, Martin.

Woollards of Mildenhall operates a T75 sliding table saw, which is largely used for panel processing purposes. It is primarily used for processing Egger board and Mistral solid surfaces.

In the T75 Martin claims to have re-defined the premium compact class of sliding table saw, having combined tradition operation with state-of-the-art electronic support.

Ian Woollard is one of three brothers who are joint owners of the company. He describes the Martin T75 as "a remarkable piece of machine engineering producing the most precise and accurate end results we could possibly wish for".

In the T75 Martin has combined a cutting height of more than 200mm, with a swivelling range of 2 x 46 deg.

The patented three-axis system from Martin ensures maximum comfort and pinpoint accuracy, owing to its complete integration in the controller.

The three-axes – scoring height, scoring position and scoring width – are positioned with electronic monitoring without further intervention.

A quick-clamping holder enables the scoring saw package to be completely removed in next to no time, eg if saw blades of more than 400mm in diameter are required.

This means that waiting times for resetting are a thing of the past and no delicate parking operations are required.

If the scorer is running, the light integrated in the table insert draws the operator's attention to the operating situation. Martin thereby provides the user with a considerable increase in safety when operating the



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machine.

Martin invented the mitre cross-cut table more than 50 years ago to enable operators to make precise angle cuts on larger panels. This popular accessory has been steadily improved and optimised over the years.

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

The fence can be adjusted on both 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 not without good reason that clients, such as Woollards of Mildenhall, who need to use a sliding table saw opt for the sturdiness, functionality and precision of this impressive range of sliding table saws.

The innovative "Radio Compens" mitre cut system provides fully automatic length compensation for mitre cuts and double 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 are 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 corrected length dimension.

In contrast to other systems on the market, "RadioCompens" compensates for a variety of saw blade thicknesses by itself fully automatically.

As a result, the operator achieves a precision cut with an accuracy of a tenth of a millimeter on the left hand side of the saw blade – irrespective of the type of saw blade being used for cutting purposes.

When there is a preference for working with digitally exact dimensions, the digital cross-cut fence is the right option: the inner and outer stop work with separate measuring devices and can therefore be independently set with an accuracy of a tenth of a

millimeter.

Each display can be changed over to display relative dimensions in order to execute incremental cuts quickly.

Like the analogue version, the digital version is also available as a flip stop with full-length support.

Lengthy, narrow workpieces are best cut with the appropriate support. The foldable front support table helps to guide the workpiece safely on the circular saw fence.

Want to find out more? Visit www.martin.info



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OSTERMANN'S NEW EDGE-BANDING TRENDS

EDGE-BANDING

IT'S just happened again ...
Pfleiderer, Egger and FunderMax
have almost simultaneously launched
new collections on to the market.

At one fell swoop more than 400 new
board colours and décors have arrived.

Edgings expert, Ostermann has
pored over the new collections and
lost no time in readying the edgings to
match.

Thankfully, Ostermann has more
than 20,000 pallet spaces of edgings at
its fingertips warehoused in Bocholtz in
Germany, which represents Europe's
largest furniture edgings range.

At the same time, work has now
been completed on the expansion of
the company's logistics centre, which
will see the number of storage bays
doubled.

And not before time – because the
variety of edgings is continuously
growing – not only in relation to
colours and décors, but the different
grades of gloss and surface properties
too.

Board manufacturers offering new worlds of colour:

All said and done, board
manufacturers are constantly offering
wider and wider ranges to the trade.
With the three aforementioned
collections, some 400 new colours and
décors are arriving on the market at
one fell swoop.

In order to make it easier for their
customers to choose, the board
manufacturers are introducing their
new collections by way of "worlds of
colour" (Pfleiderer), "grids" (Egger)
and "décor cards" (FunderMax).

Ostermann has carefully examined
the new collections and lost no time in
readying the edgings to match.

What are the current edging trends?

Based on the observations of
Ostermann's trend experts, the new
collections are dominated by realistic-
looking material reproductions, such
as textile surfaces and various stone
finishes, as well as rust and concrete
looks.

And the number of edgings to go
with these designs is correspondingly
large. In the uniform area, the largest
range features grey, blue and green
tones.

Oak continues to dominate in the
wood reproduction area, frequently
also featuring light, or grey shading.

Inspired by Stamp printing

The décor of the new Stamp edging
was inspired by the ancient technique
of stamp printing. The result is a
monochromatic and vibrant edging
surface with a metallic shine that

changes according to light patterns.

Ostermann is now delivering the
new collection of edgings in black and
white from a length of 1m.

And the décor of the new Ostermann
edging collection is also inspired by
the traditional stamping technique.
Here, uneven rectangles, intricately
stamped and seeming to overlap, with
minimal variation of colours and
pearly shades, lay next to (and above)
each another.

The result is a graphic surface, which
changes its appearance according to
light patterns.

Texwood edgings

Textile or wooden décor? Why not
both? The new Texwood edgings
combine the charm of natural wooden
décor with the vibrant elegance of
trendy textiles.

They match the namesake décors of
the latest Pfleiderer collection perfectly
and are available in five attractive
colours.

The combination of a natural
wooden look and textile pattern gives
the ABS edgings in the Texwood
series an eye-catching effect. De-
emphasising both natural materials
results in a warm and, at the same
time, modest décor.

New edgings – usual variety

The trendsetting edgings come in
brown, black, white, mauve and grey
and match the namesake décors of the
latest Pfleiderer collection.

In addition to the standard
dimensions at thicknesses of 1mm
and 2mm, the edgings of the Texwood
series, like all ABS edgings from
Ostermann, are also available in any
width up to 100mm.

Ordered, packed and delivered

The new Ostermann edgings match
the namesake décors of the latest
Pfleiderer collection and are delivered
in standard sizes of 23mm, 33mm,
43mm and 100mm x 2mm.

As usual with Ostermann, the
edgings are available from a length of
1m, the stock items are sent the same
day and delivery then takes place
within 24 hours.

Ostermann's experts are happy to help

The quickest way to find edgings
to match the new trend colours and
décors is to use the quick search
tool in Ostermann's Online Shop. If
customers are still unable to find some
of the 400 new décors in Ostermann's
online shop, it's best to call the
company's edgings specialists.

Want to find out more?
Visit www.ostermann.eu

Stamp is available in black and white and
in the sizes 23mm, 33mm, 43mm and
100mm x 2mm



Ostermann was correct in
predicting stone, textile and
rust décors to be the most
recent trend edgings.



Texwood combines the charm of natural wooden décor with
the vibrant elegance of trend-setting textiles.

OVVO – MAKING ALL THE RIGHT CONNECTIONS

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)

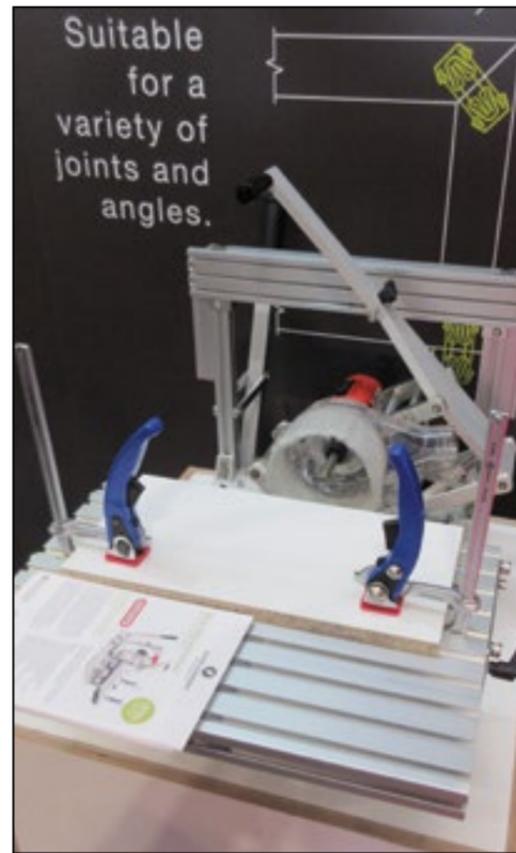
The PantoRouter is a precision copy milling machine able to cut a wide variety of wooden joints. Designed with the mechanical linkage of a pantograph in mind, the PantoRouter operates in all three axes.

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 connection system.

The new Ovvo® V-1230 connection system is available now.

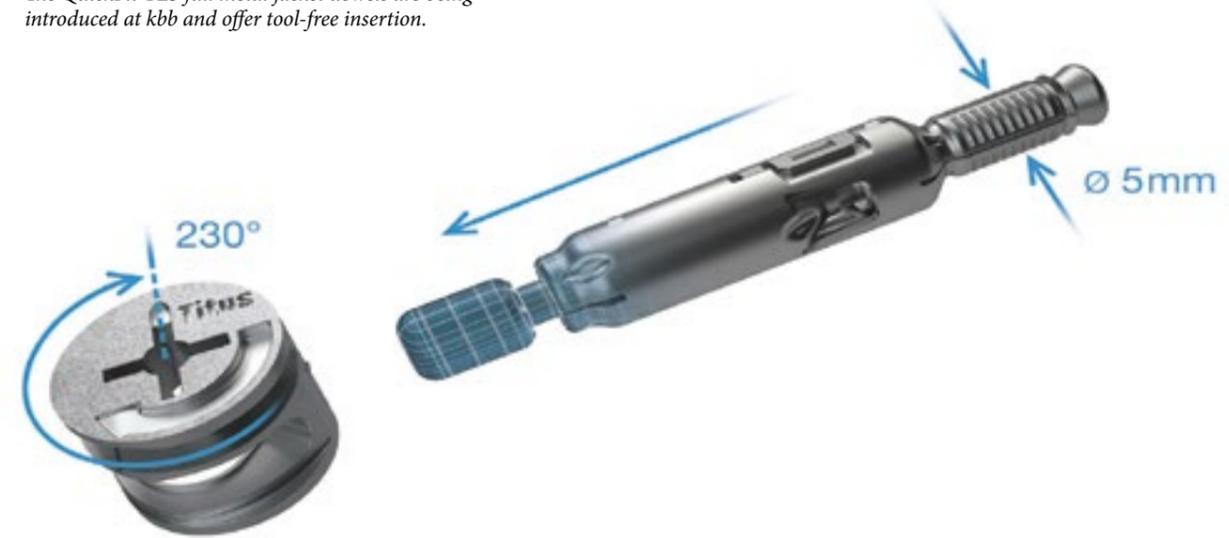
Want to find out more?
Visit www.ovvotech.com.



VERSATILITY WITH PERFORMANCE

ASSEMBLY SOLUTIONS

The QuickFit TL5 full metal jacket dowels are being introduced at kbb and offer tool-free insertion.



THE new and innovative Quickfit TL5 "Full Metal Jacket" dowels from cabinet hardware expert, Titus provide strong, reliable joints in all types of wooden materials, including MDF, chipboard and solid wood.

This means that it is no longer necessary to use different dowels for different materials, or to re-inforce joints by adding supplementary wooden dowels.

In addition, the new dowels – which are part of the Titus "Engineered for Your Kitchen" programme – offer fast, tool-free insertion, reducing assembly time by up to 50 per cent for home-assembled furniture.

Alternatively, for maximum efficiency in volume production applications, they can be inserted automatically using Titus FastFit machines.

Quickfit TL5 dowels, which are used in conjunction with Titus Cam5000 cams, incorporate an expanding steel sleeve, which provides high resistance to torsion and pull out.

This ensures rigid furniture construction, with complete freedom from the tendency for joints to loosen over time. Furniture using the dowels can also be disassembled and re-assembled repeatedly without compromising joint integrity.

The dowels are designed for insertion into a 5mm hole and, on insertion, they positively and reliably engage with the hole, greatly simplifying subsequent assembly steps. When edge inserted, the dowels immediately engage with the cam and remain securely positioned until the cam is tightened.

A further key feature is that the special design of the dowel head adopted for these innovative and time-saving products means that the performance of Quickfit TL5 dowels is unaffected by edge-to-hole-centre (ETHC) tolerances of up to ± 1 mm. Therefore, they easily accommodate not only drilling inconsistencies, but also the natural movement of wooden panels.

The dowels can be supplied in versions to suit ETHC dimensions of 24mm and 34mm. The required hole diameter for the face board is 5mm and for the edge board 8mm. The minimum hole depth in the face board is 12.5mm.

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

SALICE DESIGNING FURNITURE FITTINGS WHICH EXCEED ALL PERFORMANCE EXPECTATIONS



SALICE is constantly designing furniture fittings that exceed the expectations of performance. One such example is its Silentia+ hinge which, within the dimensions and shape identical to the previous generation, incorporates new double-piston technology and an adjustment switch.

These features allow users to adopt Silentia+ without changing the mounting plate, drilling process, or hinge insertion.

Split Cucina

The new integrated soft-close technology with twin silicone oil dampers guarantees an exceptional consistency of decelerating strength.

Silentia+ is also equipped with an adjuster switch to deliver the closing action best suited to any size and weight of furniture door.

Split: dividing to organise in the most personal way.

Split Bagno

Available in 300 combinations of colour, texture and size, Split is a range of dividing and storage compartments that enable the end user to tailor drawer interiors to individual taste – extremely important for the growing sector of the market that demands greater personalisation and individuality.

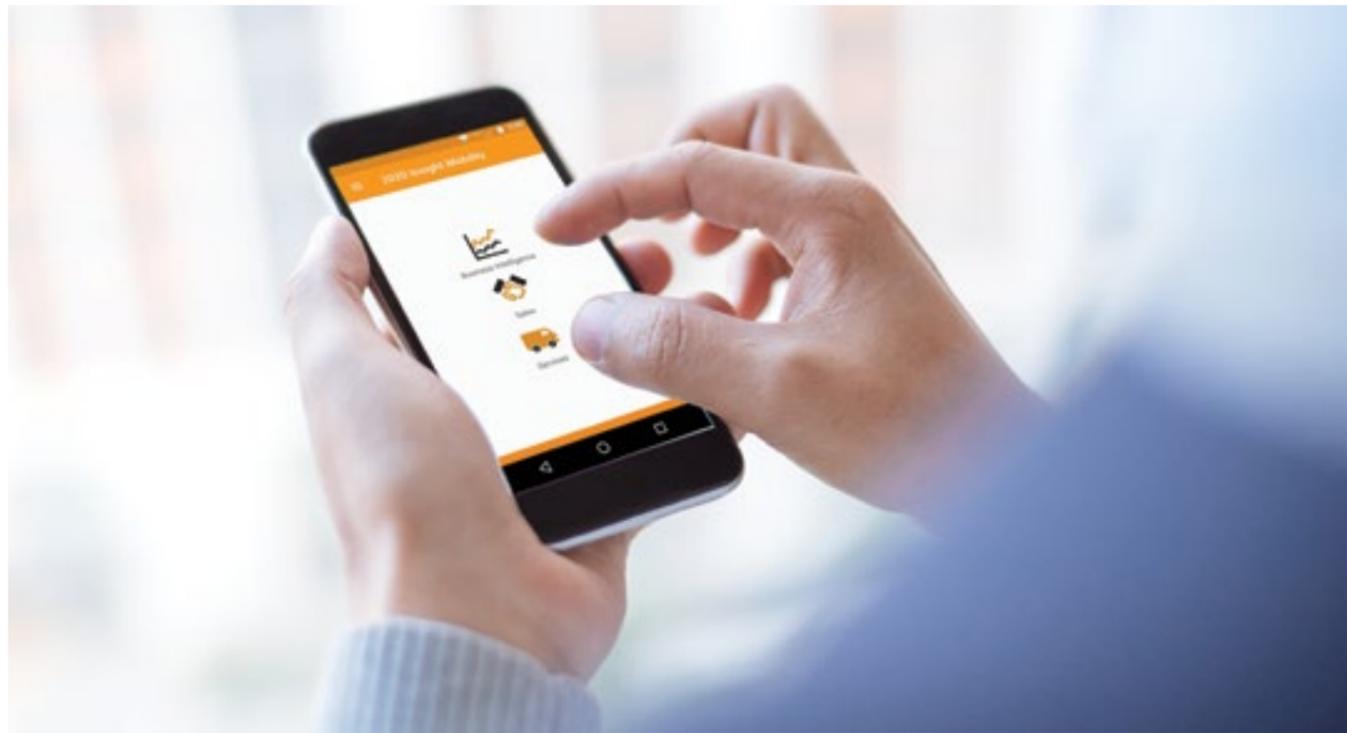
Split is compatible with Salice's Lineabox drawer system and all other types of metal and wooden drawers.

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



KITCHEN
COMPONENTS

CABINET VISION FUTURE-PROOFS KITCHEN FURNITURE MANUFACTURER, JANE CHEEL



2020 LAUNCHES NEW GENERATION SOLUTION FOR KITCHEN MAKERS

ONE of the world's leading providers of applications and enterprise solutions dedicated to interior design, space planning and kitchen furniture manufacturing, has announced the launch of the latest version of its comprehensive enterprise manufacturing solution, 2020 Insight.

This release incorporates improvements and new functionality that have been requested from a wide range of kitchen furniture manufacturers to meet their specific business requirements.

2020 Insight Version 11 continues the evolution of 2020's end-to-end solution by adding a service management module that supports a journey from design, manufacturing, delivery and now through the complete installation of the kitchen cabinetry.

The new module helps the manufacturer focus on customer-driven manufacturing, enabling complete monitoring and supervision over the personnel, equipment and requirements of all installations, with the added ability to initiate work orders in the field.

In addition, 2020 Insight Version 11 includes a new, cleaner and more intuitive user experience and extends its reach beyond the plant by launching a suite of mobility applications for business intelligence, field sales and field service.

Maximising inventory throughput, increasing productivity and improving accuracy are key goals for kitchen manufacturing operations and the new mobile applications will dramatically reduce unplanned downtime and enhance worker productivity.

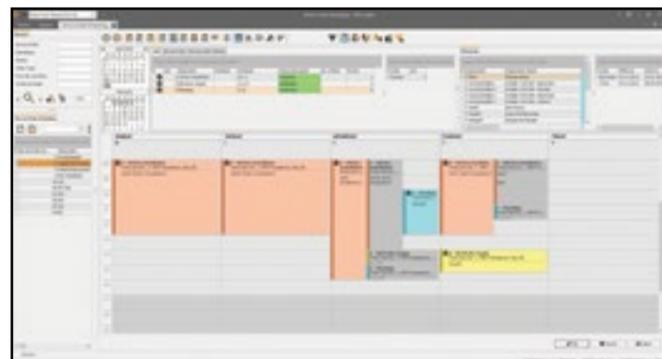
'A flexible and dynamic enterprise manufacturing solution is fundamental to the success of every furniture manufacturer's strategy,' says product manager, 2020 Insight, Diane Burgess.

'Leveraging 2020's deep domain expertise, we are excited to release the latest version of our software to help our customers accelerate their own customer satisfaction and digital transformation initiatives,' she adds.

'2020's expanded suite of fully integrated modules works

together to connect processes and create a seamless flow of information from sales order to installation and provide greater access to real-time data that empowers customers to reach new heights in efficiency and productivity,' concludes Diane.

Want to find out more? Visit www.2020spaces.com



LESS than a year after starting to use Cabinet Vision daily, a kitchen furniture manufacturer says the software quickly became an integral and vital part of the company's design process by saving a considerable amount of time and effort, adding that it will play a big role in their future growth plans.

Before commissioning Cabinet Vision, all Jane Cheel Furniture's drawings were undertaken with 2D CAD.

'Every single line had to be drawn manually, which was extremely time-consuming,' says CAD draughtsman, Robert Nagy, who was hired by the company in April 2018 because of his extensive knowledge of the software.

'Jane Cheel recognised Cabinet Vision's potential for growing the company through speeding up the process, resulting in faster turnaround times and the fact the company can now take on more work. We now include fully photo-rendered images with all plans, drawings and elevations that go to customers,' says Robert Nagby.

He adds that customers are pleasantly surprised when they see the rendered images showing what the furniture in their rooms will look like, with real colours and even scenes through windows.

'It's so realistic that it's turning into a good sales tool for us,' says Robert.

Working mainly with timbers, such as oak and walnut, together with veneered MDF boards and plywood, the five-year-old company currently cuts all its components with beam saws and manual drilling.

However, Robert Nagby says they are likely to invest in CNC machinery in the future, using Cabinet Vision's powerful Screen-To-Machine module to generate NC code to program it.

While full kitchen kit-outs are their core business, the company also manufactures some bathroom and living room furniture, along with dressing rooms, wardrobes and tables.

'We now use Cabinet Vision for designing everything, including table components,' says Robert.

As well as design, Cabinet Vision also produces essential cutlists for the shop floor.

'This is another big time-saver for us, as most full kitchen fit-outs comprise between 30 and 40 separate pieces of furniture. Taking everything into account – sides, tops, bases, backs, shelves and doors – the number of individual panels to be cut on the beam saw can run into the hundreds for each job,' says Robert.

Robert Nagy explains how creating cutlists fits into his daily routine with Cabinet Vision:

'When I start working with the software on a new project, my first task is to ascertain what material we're going to use and ensure that it's in our Cabinet Vision material library. Then I check the cabinet sizes and texture required, before going into the modelling area and designing the individual pieces of furniture and the full room.

'It's so beneficial simply being able to drag and drop similar sized cabinets into the job from the library and parametrically edit them to the right size.

'I generate cutlists via the Report Centre. They've been set up to suit our specific needs, so it's now just a case of clicking a button and printing them.

'Previously, we had to prepare cutlists manually by calculating



the size and quantity of each of those individual parts,' explains Robert.

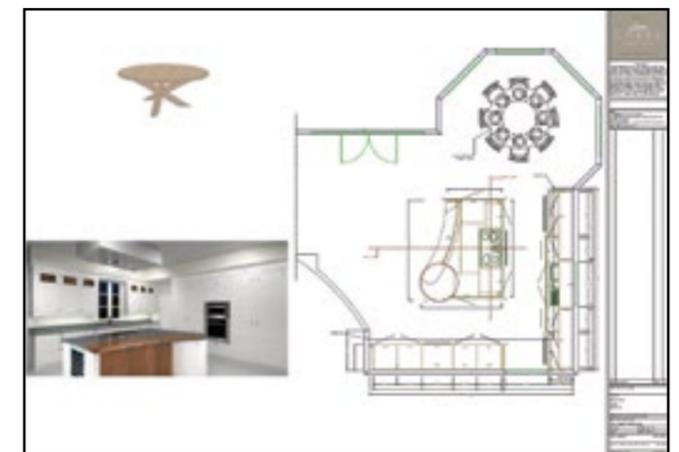
It also helps them estimate the amount of material they need to order for the job.

'Overall, Cabinet Vision has made an impact on how we work at the moment in terms of speeding up our processes, with the result that we've been able to take on new clients. We're already looking at how it can help in the future...not only with generating NC code when we invest in CNC machine tools, but I'm considering putting our prices into Cabinet Vision to create estimates and quotations with it,' says Robert.

Robert Nagy is one of three employees working directly with Cabinet Vision Ultimate, but as well as using it for design, he is also responsible for maintaining the cabinet and material libraries.

In conclusion he says that the gulf between 2D systems and Cabinet Vision can be likened to a notebook.

'2D CAD is one page in the notebook. Cabinet Vision is the whole notebook,' says Robert.



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STARBANK'S TOTAL COMMITMENT TO HPL

DECORATIVE FINISHES

THE bonding of high pressure laminates has been at the core of Starbank Panel Products since the company's incorporation 40 years ago. It's fair to say, Starbank loves laminate.

Over this time Starbank has built up an unrivalled wealth of knowledge in fabrication of this impressive material, which has developed incredible properties in terms of surface finish and performance over the past decade.

The pace of product development in high pressure laminates (HPL) was further replicated at Starbank culminating in the launch of its own decorative lightweight core panel: STARlite®.

As a major sub-contract fabricator for the interior fit-out and fire door industry, Starbank partners with all the major manufacturers and distributors to provide an almost unlimited

choice of specified and non-specified decorative surfaces and core material options in the UK.

Starbank was also the first company in Europe with BM Trada to obtain an integrated management system together with FSC and PEFC chain-of-custody, back in 2004.

Environmental credentials have been further enhanced recently as part of a major factory move to a 16 acre, 116,000ft² manufacturing facility.

With on-site biomass and solar energy recovery, Starbank says that it will maintain its position as an ethical and responsible manufacturer in the UK market place.

'It's really encouraging to see that more and more of our

customers are demanding chain-of-custody certified products from us too.

'High pressure laminate is now a very real part of that under the controlled wood standard,' explains Starbank's business development manager, John McCaffrey.

'Currently our decorative panels are laminated using high quality PVA D3 adhesive as standard or, alternatively, with a more specialist D4 glue line for demanding applications where required.

'We are currently producing 1100 high pressure laminate panels/week on average in a variety of sizes up to 3660mm x 1525mm. It's a testament to our production department, which is able to achieve this capacity year on year,' he adds.

Its fast approaching 2.5mft² of decorative HPL in a combination of single and double-sided finished product. Alternatively, if we put it another way, an area larger than 30 football pitches per annum,' explains John McCaffrey.

Once bonded, panels are automatically stored by job, or size within Starbank's Schelling VS16 robotic retrieval system, which directly feeds two Schelling FH6 beam saws.

'It's an amazing system and there to protect the boards more than anything – delivering them quickly and efficiently to the saws without damage, even to sensitive gloss surfaces,' explains Mr McCaffrey.

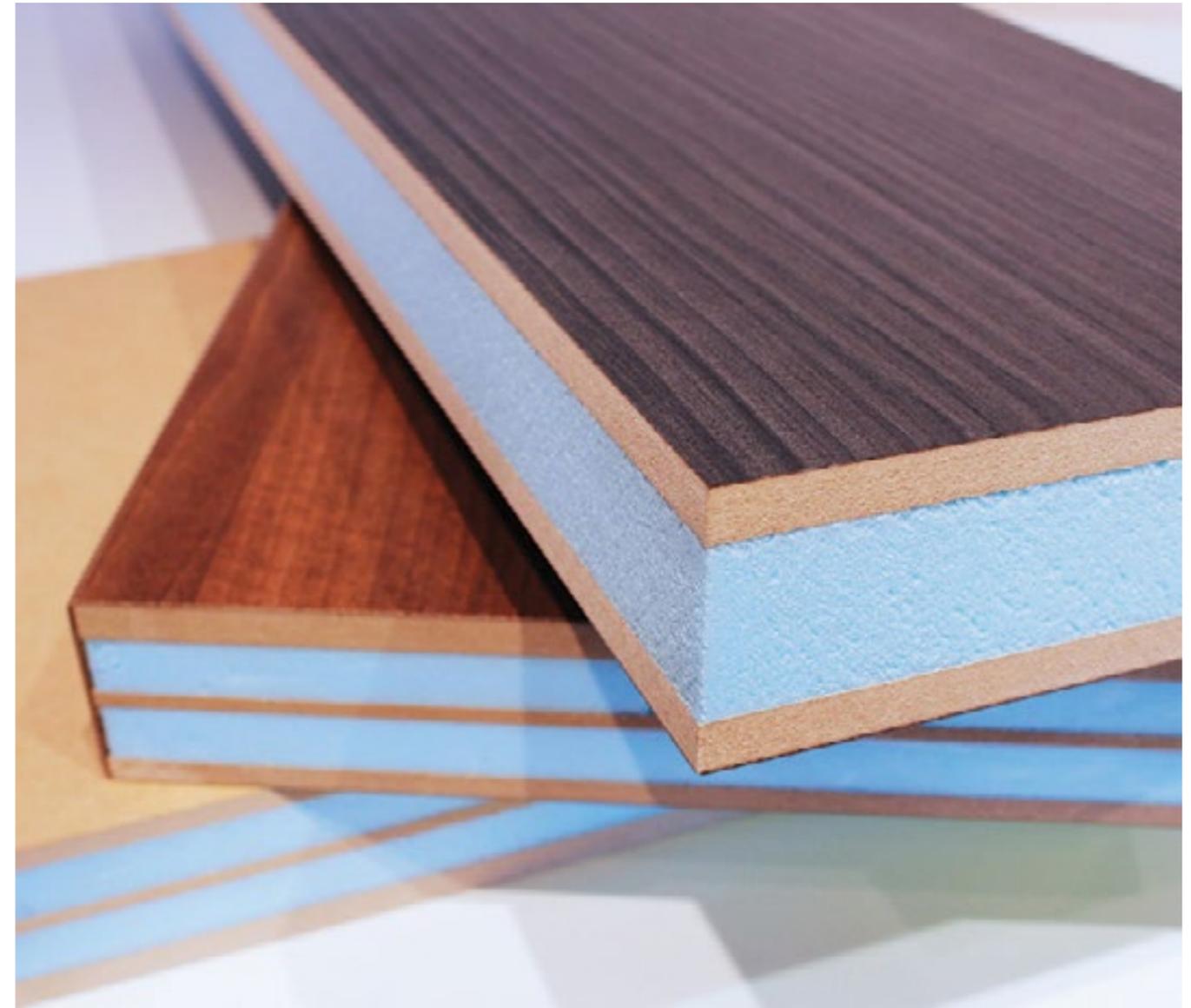
'Further fabrication with cutting and optimisation, edge-banding using high performance PUR adhesives, contour edge-banding, CNC drilling and machining and throughfeed post-forming are all at our customers' disposal.

'We have always made a commitment to our customers that we will endeavour to achieve the highest possible quality at the best value price that we can.

'Part of this promise involves us continually investing in both our technology and our skilled fabricators. 2019 will see us once again invest heavily in our plant and machinery, with major plans within our laminating department.

'We are genuinely excited at the opportunities ahead and are confident that the quality and technology at Starbank has never looked better,' concludes Mr McCaffrey.

Want to find out more? Visit www.starbank-uk.com





HETTICH SETS THE PACE BY ADDING QUADRO DRAWER RUNNERS TO GIVE BASIC CABINETS REAL ADDED VALUE

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

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

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

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

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

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

HETTICH - RE-DEFINING DRAWER SYSTEMS

WITH its straight lines, clean contours, colour choices and versatile interior organisation, Hettich's new InnoTech Atira drawer system brings contemporary style and individuality to kitchen furniture technology.

InnoTech Atira combines attractive options for differentiation with high cost efficiency, thanks to its platform concept.

Various side elements are offered, such as railing, TopSide, which goes under the railing, or the full DesignSide.

With choices of colour, rear panel width and guides, there is a flexible and simple route to achieving a huge variety of individual solutions. Easy upgrades from railing to TopSide or DesignSide do not affect drilling positions on the front panel, giving complete



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

THE DRAWER SYSTEM OF CHOICE FOR KITCHEN DESIGNER

WITH a choice of materials, drawer side designs and numerous formats, Hettich's InnoTech has proved to be the drawer system of choice for kitchen designers who prioritise individuality for their customers.

Thanks to rigorously tested stainless-steel ball bearing runners, up to 70kg load capacity and German build values, the quality of InnoTech is a given, while push-to-open, or Easys electro-mechanical opening and integrated soft-close features ensure ease-of-use.

However, it is the options available that really set the system apart. InnoTech can be specified in a white, silver, or the increasingly popular anthracite finish.

TopSides and DesignSides are powerful, yet simple design options for drawers for pots and pans.

TopSides in steel, plastic, or glass are simply clipped in between the railing and the frame, adding stylish storage space inside the drawer, whereas a totally bespoke look can be created by using DesignSide instead of a railing.

With partial or full-extension runners, InnoTech comes in a standard 470mm drawer depth to make the most of UK cabinet sizes, but different depths are available for bedroom and bathroom applications.

'This is German engineering for the kitchen at its best,' says Hettich UK managing director, Tim Leedham.

'The details and quality behind the cabinet fascia are becoming increasingly important in kitchen specification and, with this in mind, InnoTech is a fantastic sales tool,' he adds.

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

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NEW KITCHEN DRAWER SYSTEMS LAUNCHED BY NEY

FIXTURES & FITTINGS



Starbox

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

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

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

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

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

very much the preferred choice.

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

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

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

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

The impressive design feature of the

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

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

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

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



Want to find out more?
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KU BOX

Suitable for an 18mm base and backboard.

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VISIT US AT WWW.KITCHEN-MAKER.CO.UK - ONLINE MAGAZINE - ISSUE 5

BA UNVEILS NEW JAYLINE DOOR RANGE AIMED AT KITCHEN MAKERS

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

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

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

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

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

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

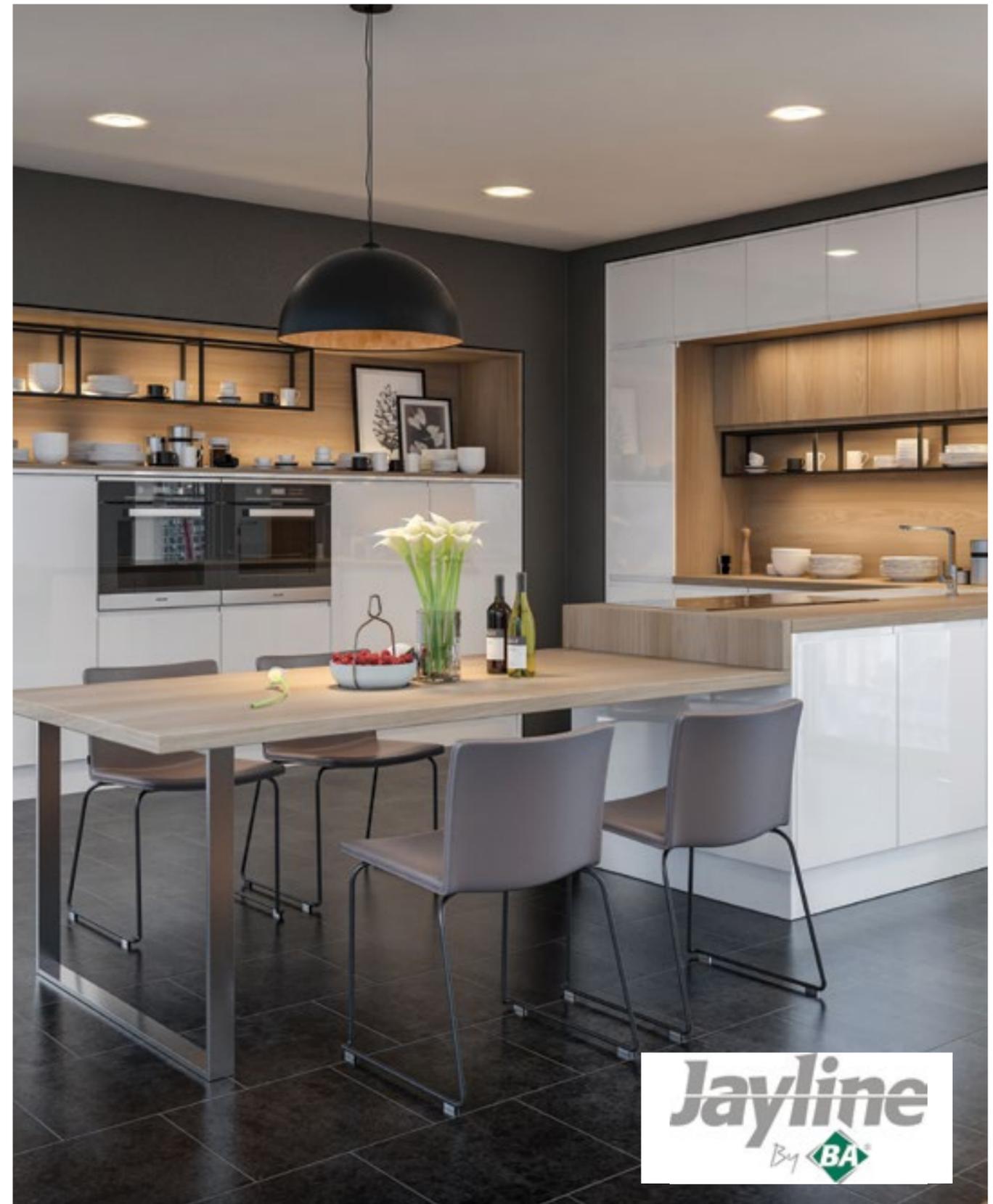
'We're excited to introduce this new door into BA's portfolio, as it marks further development and a fresh take on our handleless offer.

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

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

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

Want to find out more? Visit byba.co.uk/jayline





BIESSE IMPROVING OVERALL EQUIPMENT EFFICIENCY FOR KITCHEN MANUFACTURERS

IMPROVING MODERN MANUFACTURING

BIESSE'S latest service platform SOPHIA, offers users the possibility to improve the overall equipment efficiency (OEE) of the company's machines, as well as offering a Cloud-based e-part system.

This is Biesse's initial offering for Industry 4.0 and the IoT (Internet of Things), creating a digital infrastructure to underpin modern manufacturing.

The platform has the ability to collect and send real-time data on connected machines, giving customers the ability to analyse and optimize overall performance and productivity.

Additionally, there is functionality that will help in detecting potential malfunctions and assisting customers in maintenance operations, as well as ordering replacement parts, ultimately helping to improve the up-time of their machines.

The platform consists of two powerful areas: IoT - SOPHIA and PARTS - SOPHIA, plus associated Apps that provide customers with easy access to SOPHIA'S capabilities.

IoT - SOPHIA collects and sends real-time data on connected machines, allowing customers to analyse and optimise overall performance and productivity.

Additionally, there is functionality that will help detect potential malfunctions and assist customers with maintenance operations, ultimately helping to improve the up-time of their machines.

- Via an App, users can receive notification regarding production status, efficiency, machine stoppages, production progress and maintenance. Customers will have access to information, wherever they are, even if the machine is not in operation.

- It will also be possible to facilitate maintenance operations by automatically compiling a shopping cart with spare parts considered to be necessary to carry out operations.

PARTS - SOPHIA is the intuitive and personalised tool for ordering Biesse spare parts.

Customers can create a spare parts cart with information on stock availability and pricing, as well as monitor the progress of orders and access a list of recommended spares.

The portal also provides access to machine documentation, machine design and bill of materials.

SOPHIA in the present and the future.

Worldwide connected machines have registered a 60 per cent growth in productivity and the platform has highlighted that Biesse has handled more than 2,000,000 events of various types.

'The results registered over these first few months demonstrate how the services we offer our customers help increase the operating time of a machine and promote a proactive approach by reducing diagnostic times by 80 per cent,' says the Biesse Group's new service innovation director, Stefano Calestani.

'It may have only been on the market a short while, but SOPHIA is improving the quality of relations with customers who have benefited from using the tool,' adds Mr Calestani.

It is a quick and decisive support, which minimises waiting times previously required to deal with problems and responds with effective and immediate solutions. This is the substantial opportunity that SOPHIA offers to our customers,' concludes Mr Calestani.

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



DEALING WITH THE DUST

SHREDDERS & BRIQUETTERS PROVE TO BE A WINNING FORMULA FOR WOODWASTE CONTROL

WOOD Waste Control (Engineering) Ltd has reported a strong response from the market to its new range of shredders and briquetters. Wood Waste Control is one of Europe's leading dust extraction system specialists

'They are proving to be a winner with customers. The shredders are designed to shred all kinds of waste material, including hard and softwoods, chipboard, OSB and plywood panels, as well as construction timbers,' says managing director, Reg Gareppo.

'We can even tailor the shredder to deal with other materials, such as papers, cardboards, metals and rubber,' he adds.

As standard the new WWC shredders include fast hydraulics, profile rotor, a second row of knives, control cabinet with Siemens plc, an automatic star/Delta switch, automatic stop when the hopper is empty, removable exhausting channel and performance-enhancing pacing of hydraulic sliders.

A wide range of models is available, from 0.4m³ hopper capacity with a 15kW motor, through to a model with 2.5m³ hopper capacity and a 30-75kW motor.

The sturdy steel construction of the WWC grinders guarantees constant quality in continuous operation. WWC shredders are fitted with a slowly rotating profile solid steel rotor (260mm or 360mm diameter), which is mounted on the sturdy machine base.

'The shredder knives are available in various designs for all kinds of material. They feature low wear and can be rotated several times before they have to be replaced,' says Woodwaste Control's Reg Gareppo.

The company's new range of briquetting presses offers a choice of throughput from 30 to 350kg/h. All models feature energy-efficient operation, a coolable sleeve, low wear and tear costs and an endless briquette line.

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

Whisper range of silenced fans and fine dust filter units.

Wood Waste Control's manual and automatic warm air models are capable of burning a wide range of wood fuels automatically, as well as accepting hand-loaded offcuts.

The company is based in Bourne End near High Wycombe and has hundreds of successful installations across the UK,

in Europe, Russia and Africa. As one of the country's leading dust extraction specialists, all Wood Waste Control equipment is built to meet COSHH legislation requirements and can stand alone, or be used in conjunction with total-extraction return air heating systems.

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



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Contact us for our FREE product catalogue:

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Email: enquiries@woodworkdustcontrol.co.uk

Web: www.woodworkdustcontrol.co.uk



TOP NOTCH DUTCH DUST EXTRACTION HELPS

DEALING WITH THE DUST

GEERT Hermes launched his own woodworking company in 1995. Some 23 years later he's still in business – in Nistelrode in the Netherlands with 17 employees. Geert's been keeping his factory clean and safe with a Modesta chain filter for the past 14 years.

Owner and founder of G Hermes Joinery, Geert Hermes moved the company in 2007 when the original factory became too small to house his growing business, specialising in wooden window frames, windows, doors, folding walls and sliding doors, for both consumers and businesses.

Geert specialises in façade units in various types of wood, such as mahogany, merbau and accoya.

Many of his products go to contractors and construction companies, used in non-residential constructions, new building projects and house renovations; the rest go to consumers who might need a new window frame, for instance.

Living up to expectations

Geert was no stranger to the woodworking industry when he launched his business in 1995. He had operated a woodworking factory for years alongside his father and younger brother.

After a decade, and at the age of 28, he decided to leave and do something else, but, as he likes to put it himself: "Carpentry never lost its charm."

When he found the perfect location in Nistelrode two years later, he decided to take the plunge and start his own business.

'I knew the market, the customers and suppliers and I knew where to go. I just needed to live up to their expectations,' says Geert.

After two months he hired his first employee and during the course of his first year in business he hired another five.

Geert and his team saw the wood industry change over the years.

'We started to receive more and more small orders instead of a few big ones,' explains Geert.

The reason was an increase in consumers buying directly from him, but also changes in the housing market.

As Geert explains, where a new block of houses would previously be built in one go and he would have to deliver a large order of window frames and doors, projects would now be completed in several, smaller steps.

Geert has also noticed a shift in what happens behind a computer and what is carried out on the factory floor.

'Before, I'd give the plan of a house to one of my carpenters to get to work. I'd make some notes, add some explanation here and there and trusted to the fact that he would know what to do.

'Nowadays I have to prepare the data completely beforehand and make sure every detail is right, because the drawing goes into the machine. There's not that much manual work involved any more,' says Geert.

What didn't change is the importance of good dust extraction.

'Safety standards become increasingly more demanding and machines are packed with sensors. You can have the most beautiful woodworking machines, but without dust extraction you'll get nowhere,' says Geert.

His company grew steadily through several expansions, but the biggest step forward occurred in 2004: he leapt ahead with automation and his filter system's capacity became inadequate.

That's where Modesta came in.

'I was aware of them, because they were quite well known in the industry,' explains Geert.

At the time he was using a system delivered by another company, but it had experienced many problems.

'There was always something wrong. We had to halt our machines on a regular basis, because of problems with the dust extraction.

'When that happens we could be looking at two days of stock before all my workers would be left standing empty-handed on the factory floor. I decided to invest in a Modesta filter system to stop this from happening,' says Geert.

Geert uses a chain filter with a Reddler chain to remove sawdust from the factory floor safely and without concerns. Once he had bought that first machine he never looked back.

'I was very satisfied with Modesta right from the start. Their operational reliability and service makes all the difference,' says Geert.

In the 14 years he's been using Modesta's expertise, his production hasn't stood still for a day.

'All we have had is one machine failure on a winter day because of the cold, but when it happened, Modesta's service team made sure the problem was fixed in no time at all,' explains Geert.

Another advantage is the modular set-up of the machines.

The good thing about those several small motors is that the system can keep operating at all times,' says Geert.

Geert's point of contact has always been Jan Plette, with whom he's still in regular touch. He is also very happy with the services of the technicians.

'It's a good thing that it's always the same guys who come over for the installation and maintenance. They have a great deal of knowledge and deliver a good job,' says Geert.

A Modesta filter system is an investment

'However, it's totally worth it. When you experience the disadvantages of unexpected interruptions, you're ready to invest in a Modesta system,' says Geert.

What would he like to advise potential customers about to take their factories to the next level?

'Don't hesitate. The most important thing is that you'll always be able to keep your factory running. And Modesta makes sure of that,' concludes Geert.



Want to find out more?
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